



Luci

LED LIGHTING
CATALOG
2025-2026





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What's Luci, Strength Luci

History of Luci

Established as a lighting division of PROTERAS Co. Ltd., in 2004. Luci has since gained international awe for its impeccable range of lighting products from Japan.

Considered a relatively young brand in the market, Luci is proud to be recognized as the preferred choice by the majority. With that, Luci is pleased to share a number of impressive project references with the world. This achievement is made possible by the unwavering fighting spirit of our pioneers from the beginning, along with strong and active support from the industry. Luci will continue to strive for excellence in every upcoming project.

2004 - Established Luci brand in Contents Co., Ltd. in Tokyo
 2009 - Luci (Shanghai) Lighting Technology established
 2010 - Company name was changed to PROTERAS Co., Ltd.
 2011 - Beijing office established
 2012 - Luci Pte. Ltd. in Singapore and Hong Kong established
 2015 - Luci Co., Ltd. established



Strength Luci

Design Policy

Our in-house research and development team design our products from concept to appearance and material selection. We pursue high usability through simple and minimal designs that provide both an attractive price and good functionality. More than 15 cases of uniquely designed products by Luci have been patented in Japan, demonstrating our ability to bring customers' needs to market quickly.

Quality control

We conduct strict reliability tests at internal facilities and third-party laboratories based on JIS standards and CE mark standards.

Product range

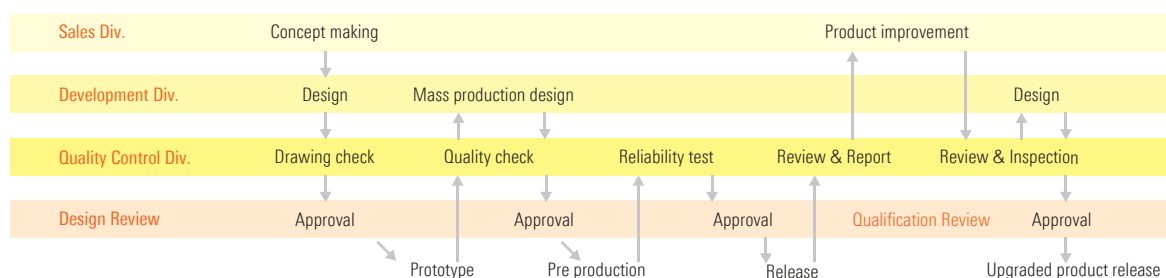
Since the release of FLEX series in Japan in 2004, we have developed and sold products such as homogenous rigid light and wall graze light etc. in response to the architectural and interior market needs. Today, we are developing not only architectural lighting but also functional lighting such as LED insect traps, inspection lighting with CRI97 for the printing and manufacturing industries, and our original switching power supplies.

Warranty period

Luci's standard warranty period is 2 or 3 years from shipping date. If the LED fixture experiences any issue during this period, we will repair or replace it free of charge. For extended warranty coverage, we can offer up to 5 years after consulting about the installation environment and daily usage hours. Please refer to the appendix in this catalogue for further detail.

Product development and improvement process

Luci develops new products and improve existing ones through collaboration between the sales, development, and quality control teams. Design reviews are conducted promptly at appropriate stages, leading to the launch of new products based on the results of reliability testing. Also, to maintain the quality of products at the factory, we perform regular reviews and inspections after release, updating products and materials based on technical improvement.



Luci brand global network

Our offices are located in Tokyo, Osaka, Singapore, Hong Kong, Shanghai, Beijing and South Korea. We've supplied our products to more than 30 countries including Europe and the Middle East by working with local distributors. Even if the designer and the location of the project are in different countries, we utilize the Luci brand network to facilitate close communication and ensure the success of your project.



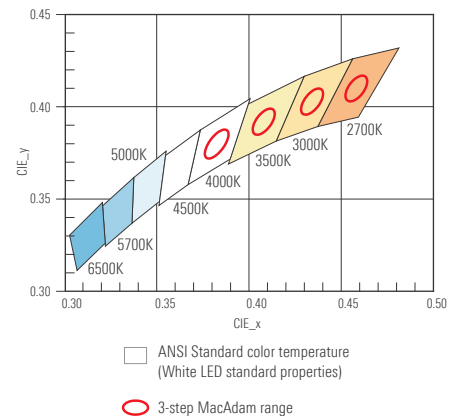
Color Management

► MacAdam 3 step

Part of Luci's new products and improved products have adopted the MacAdam 3 steps LED package which is said the color is more uniform and consistent.

"MacAdam ellipses" is a standard derived from visual color matching experiments and shows the standard deviation of the color discrimination variations from a specific centre color on the xy chromaticity diagram.

The standard deviation shown with the "MacAdam ellipses" does not indicate a color difference distinguishable by the average human eye, but in another experiment MacAdam found that the color discrimination threshold is about three times (3-Step) the standard deviation.



Special product series

SHIN series

SHIN series saves power, meets energy limits, reducing costs and maintenance.

High luminous efficiency ensures sufficient brightness even with low power consumption.

Minimal color shift over long period of time, ensuring constant and stable illumination.

Maintains high color rendering even at low color temperatures.

RIMiT series

Redesigned luminaire to go beyond the limit of the minimum size

Exceptionally compact cross-sectional dimensions

Distinctive lighting shape designs tailored to specific applications

Versatile mounting accessories

Design support

We regularly release the project reference and application book that includes the tips of installation to get the best performance of the lightings. For calculation, ies file of all products could be downloaded on our website.

In the case of customised requirement, our sales and design team will support the designer.

Showroom



Singapore office & Show room



Hong Kong Show room

Planning and customer support

This catalog covers all of the installation cross-section sizes, required mounting parts and also notes on installation. We would provide a free demo sample on your request as we believe the quality of light can not be compared only by seeing the specifications.

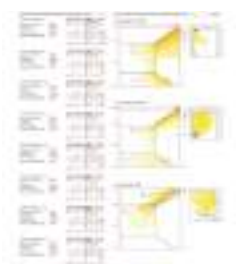
Our inbound sales team can respond to emails within short notice. Any inquiries are welcomed at info@luci.co.jp



Hotel Luci



WEB site



lux distribution

Project list



Artyzen Singapore

Location: Singapore

Architect office: Ong & Ong Pte Ltd / Lighting design : Nipek

Interior designer: Nicholas Graham and Associates

Interior contractor: Sunray Woodcraft Construction

Photo: Fabian Ong Photography



The Peak Tram

Location: Hong Kong

Client: Peak Tramways Co., Ltd.

Architect office: AGC Design Ltd

Lighting design: WORKTECH&Co.



Shanghai Shui On Plaza

Location: China



Mia Saigon, Luxury Collection Hotel

Location: Vietnam

Lighting design: LUMINO DESIGN



Chinese Restaurant at Hilton Colombo

Location: Sri Lanka

Architect office: Nu Studio

Lighting design: BO Steiber Lighting Design

Construction: Access Projects



Bus Terminal Tokyo Yaesu

Location: Japan

Creative Design Direction, Basic Design, Detailed Design: NIHON SEKKEI, INC.

Detailed Design, Construction: TAKENAKA CORPORATION

Lighting design: NIHON SEKKEI, INC., LOOP LIGHTING, LLC

Photo: ToLoLo studio



OKADA Manila

Location: Philippines

Architect Office: MIURASHIN ARCHITECT+ASSOCIATES

Lighting Design: Christine Sicangco Lighting Design Inc

Photo: John Daryl Ocampo



JG Dubai

Location: Dubai

Architects Office: Curiosity

Lighting Design: L'Observatoire International

Construction: RK Gulf LLC

Photo: Nacasa & Partners Inc.



means the regions that our products have spread out.

Singapore	National Art Gallery	Vietnam	MOVENPICK HOTEL
	Atlas Bar - Park View Square		Hilton Saigon
	SIA Krisflyer Lounge		Sheraton Danang
	The Reserve		MIA SAIGON
	One Holland Village		Lux 5 Ba Son
	High House	Cambodia	Rosewood Cambodia
	IOI Central Boulevard Tower	Indonesia	Menara Astra
	The Singapore Edition		TOTO Building
	Artyzen Singapore		Fairmont Jakarta
	Science Park Plot3		Mövenpick Hotel Jakarta City Centre
China	Nassim Les Maisons		Pakubuwono Spring
	Hangzhou West Lake 66	Malaysia	InterContinental Jakarta Pondok Indah
	Shanghai Grand Opera House		PARK HYATT KL
	Nanjing Jiujiangtang Private Courtyard		The Ritz-Carlton, Langkawi
	Beijing Ocean LA VIE		Four Points Sheraton, KL
Hong Kong	Museum of Art Pudong		LOUIE'S BAR @ PLAZA BATAI
	Sotheby's Maison	Thailand	The RuMa
	Christie's Hong Kong		Hour Glass @ TRX
	Hong Kong Palace Museum		The Aspen Tree, Bangkok
	Hong Kong Museum of Art		SIAM TAKASHIMAYA
	Ocean Park Marriot Hotel		Bangkok Thailand Temple
	Hong Kong Disneyland		Aman Nai Lert Residence
	AsiaWorld-Expo	Brunei	Jerudong Park Medical Centre
	Cheung Kong Center II	Myanmar	The Okura Prestige Yangon
	The Lohas	Philippines	Rosewood Yangon
Macau	Goldman Sachs office		OKADA Manila
	Skycity		Ayala Mall Cebu
	XRL Topside Development		Proscenium at Rockwell
	HSBC Main Building		SMART
	The Peak Tram Terminus		Lakehall at Nena's Sanctuary
	Hong Kong International Airport		PRIMEX TOWER
	MGM Cotai	India	TAJ VIVAANTA , BHOPAL
	Wynn Macau		Lupin office
	Studio City Iconic Hotel	Sri Lanka	Hilton Colombo
Taiwan	Rolex Formosa Kaohsiung	Bangladesh	Radisson Blu Chittagong Bay View
	STAR JEWELRY Shin Kong Mitsukoshi	Maldives	Four Seasons Voavah
	GIVENCHY Breeze Xinyi Store	Mauritius	Shangri-la Hotel
Japan	Bus Terminal Tokyo Yaesu	Australia	Shangri-la Hotel Sydney
	Isuzu Motors Limited Head Office Building		Arup Sydney office
	TOKYU KABUKICHO TOWER		Quay Quarter Tower
	THE WESTIN MIYAKO KYOTO SPA "KACHO"	Saudi Arabia	Riyadh Metro
	HOTEL ANTEROOM NAHA	UAE	One Za'abeel
	TOKYO MIDTOWN YAESU		Royal Atlantis
	Mitsuuroko Green Energy Head Office		KASUMIGASEKI
	Kanagawa Dental University Campus Center	Bahrain	The District Tower
Korea	Signiel Hotel	Azerbaijan	Sheraton Baku Airport Hotel
	Josun Palace	Oman	Al Bustan Palace Hotel
	Paradise Hotel & Resort, Incheon	Qatar	Hamad International Airport Terminal Expansion
	LEGO LAND		Seef Lusail Doha
	Korean Air T2 Lounge	Jordan	Hyatt Regency
Europe	SHIATZY CHEN PARIS	Kuwait	Four Seasons
	London Marriott Hotel Regents Park		Grand Hyatt Kuwait Chinese restaurant
	Clap London	Lebanon	Club Dining Beirut
Turkey	Roka Istanbul	Uganda	Uganda Pedestrian Deck

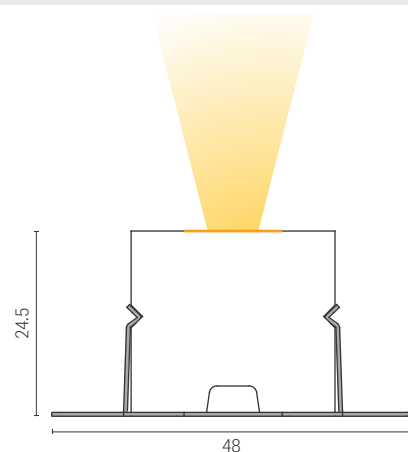
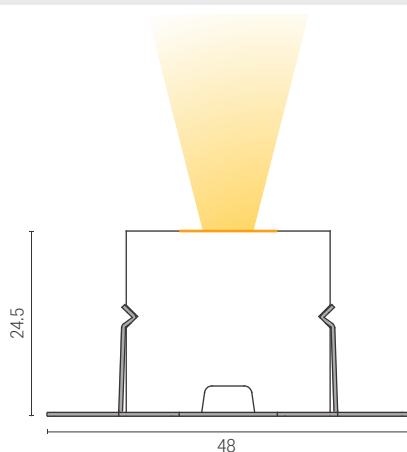
Lamp fitting list

Grazing

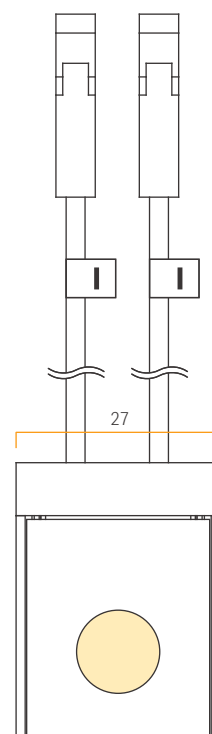
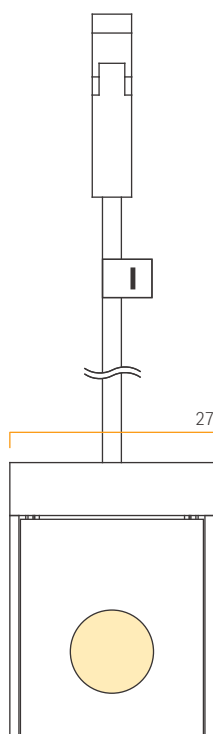
						
Product name	Luci Vivoxy Graze			Luci Vivoxy Graze THOF®		
Model No.	LVV50-(Length)-(CCT)-SP-I			LVVTH50-(Length)-NL27-SP-I		
Description page	P.26			P.34		
Length variation	300mm, 600mm, 900mm, 1200mm			300mm, 600mm, 900mm, 1200mm		
Rated input current	350mA @900mm	500mA @900mm	700mA @900mm	350mA @900mm	500mA @900mm	700mA @900mm
Power consumption	19.2W/m	27.5W/m	39.5W/m	19.2W/m	27.5W/m	39.5W/m
Max. length per circuit	6m, L22 : 5.4m	4.2m, L22 : 3.5m	2.7m, L22 : 2.4m	12m	8.4m	5.7m
Beam angle	22°×35°			22°×35°		
CCT, Ra	@900mm			@900mm		
D	6500K Ra -	-	-			
N	5000K Ra 90	2031 lm*	2826 lm*			
W	4000K Ra 92	2009 lm*	2822 lm*			
WW	3500K Ra 92	1877 lm*	2612 lm*	Ra 92	Ra 92	Ra 92
L30	3000K Ra 92	1688 lm*	2348 lm*	1773 lm	2533 lm	3290 lm
L27	2700K Ra 94	1583 lm*	2202 lm*			
L22	2000K Ra 83	1295 lm*	1801 lm*			

Cross-sectional sizes with accessories scale=1:1

Side view



Top view



Grazing

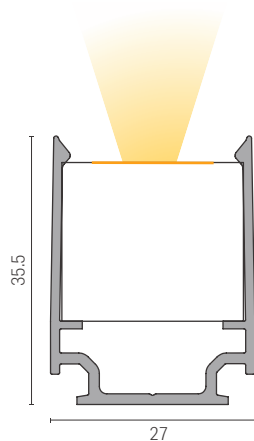
Top bend, Side bend



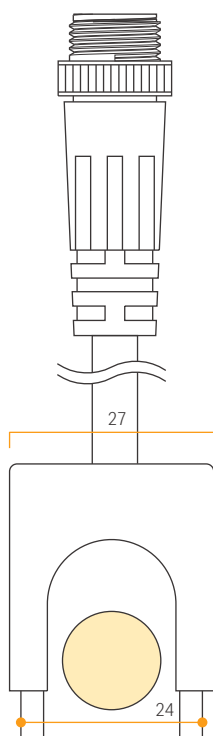
Product name	Renewal Luci Vivoxy FLEX K IP67
Model No.	LVFK40- (Length)(Lead wire) -(CCT)-(Beam)-O-(Power)-(Body color)
Description page	P.44
Max. customised Length	2m
Rated input current	-
Power consumption	8W/m, 16W/m, 24W/m
Max. length per circuit	8W, 16W: 5m, 24W: 4.4m
Beam angle	22°×35°, 35°, 50°
CCT, Ra	@24W/m, SP
D 6500K Ra 91	1792 lm
N 5000K Ra 94	1750 lm
W 4000K Ra 94	1707 lm
WW 3500K Ra 93	1664 lm
L30 3000K Ra 93	1622lm
L27 2700K Ra 93	1536 lm
L22 2000K Ra 81	1562 lm

Cross-sectional sizes with accessories scale=1:1

Side view



Top view



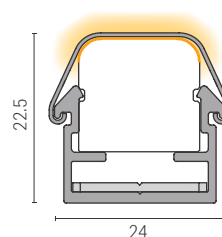
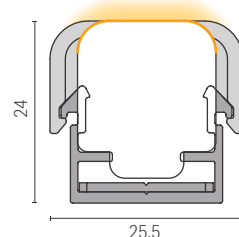
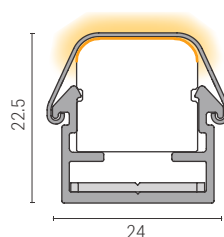
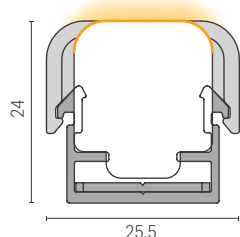
Lamp fitting list

Flexible

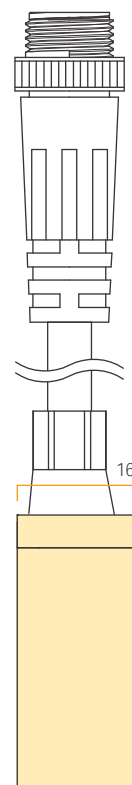
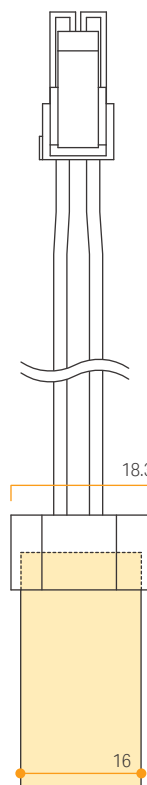
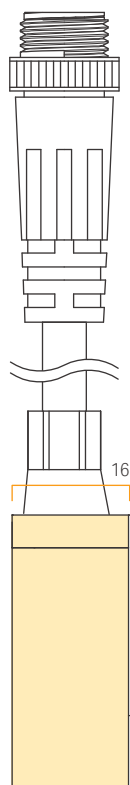
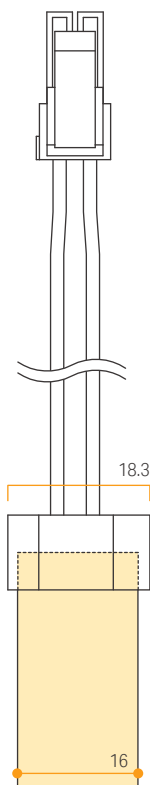
	SHIN series Top bend	SHIN series Top bend	SHIN series Side bend	SHIN series Side bend
Product name	Luci SHIN UQ FLEX Indoor	Luci SHIN UQ FLEX IP67	Luci SHIN UQ FLEX α Indoor	Luci SHIN UQ FLEX α IP67
Model No.	LFUY-T(Length)(Lead wire)-(CCT)-DF-I-(Power)	LFUY-T(Length)(Lead wire)-(CCT)-DF-O-(Power)	LFUAY-T(Length)(Lead wire)-(CCT)-DF-I-(Power)	LFUAY-T(Length)(Lead wire)-(CCT)-DF-O-(Power)
Description page	P.50	P.58	P.50	P.58
Max. customised Length	5m	2m	5m	2m
Power consumption	6.4W/m, 10.8W/m, 15.9W/m, 20.7W/m	5.9W/m, 9.9W/m, 14.9W/m, 19.8W/m	6.4W/m, 10.8W/m, 15.9W/m, 20.7W/m	5.9W/m, 9.9W/m, 14.9W/m, 19.8W/m
Max. length per circuit	5m	10m, 19.8W/m: 7.5m	5m	10m, 19.8W/m: 7.5m
Cuttable unit	50mm	-	50mm	-
Delivered CCT, Ra	@10.8W/m	@9.9W/m	@10.8W/m	@9.9W/m
D*1	6100K Ra 96	1183 lm	898 lm	718 lm
N	4600K Ra 93	1172 lm	890 lm	712 lm
W	3600K Ra 97	1151 lm	874 lm	699 lm
WW	3200K Ra 97	1141 lm	866 lm	693 lm
L30	2700K Ra 95	1110 lm	842 lm	674 lm
L27	2500K Ra 94	1047 lm	794 lm	636 lm
L25	2300K Ra 94	775 lm	588 lm	470 lm
L22*1	2000K Ra 93	722 lm	548 lm	439 lm
L20*1	1800K Ra 91	659 lm	500 lm	400 lm
L18	--K Ra --	639 lm	485 lm	388 lm

Cross-sectional sizes with accessories scale=1:1

Side view



Top view

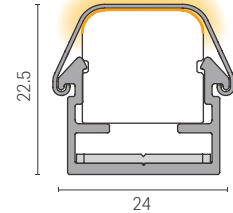
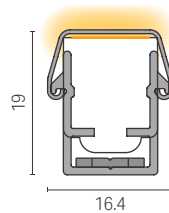
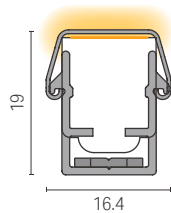


Flexible

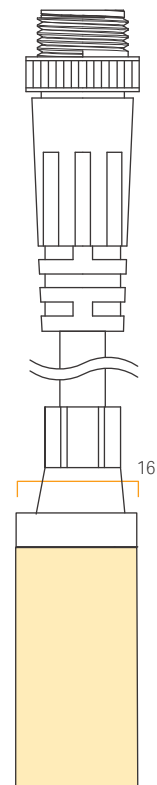
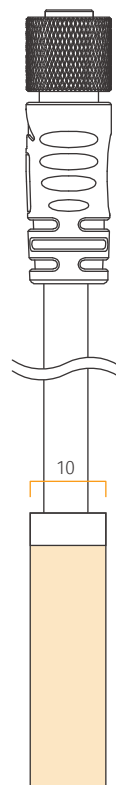
			
Product name	Luci SHIN UQ FLEX α mini Indoor	Luci SHIN UQ FLEX α mini IP67	Luci FLEX SAUNA IP65
Model No.	LFUMAY-T(Length)(Lead wire)-(CCT)-DF-I-(Power)	LFUMAY-T(Length)(Lead wire)-(CCT)-DF-O-(Power)	LFUS- (Length)(Lead wire)S-L27-DF-O
Description page	P.66	P.72	P.78
Max. customised Length	3m	2m	5m
Power consumption	2.1W/m, 4.2W/m, 6.4W/m, 10.8W/m, 15.9W/m	2.1W/m, 4.0W/m, 5.9W/m, 9.9W/m, 14.9W/m	5.1W/m
Max. length per circuit	5m	10m	5m
Cuttable unit	50mm	-	-
Delivered CCT, Ra	@6.4W/m	@5.9W/m	@5.1W/m
D 6100K Ra 95	411 lm/m	312 lm/m	-
N 4600K Ra 92	407 lm/m	309 lm/m	-
W 3600K Ra 96	400 lm/m	304 lm/m	-
WW 3200K Ra 96	396 lm/m	301 lm/m	-
L30 2700K Ra 94	385 lm/m	293 lm/m	-
L27 2500K Ra 93	364 lm/m	276 lm/m	234 lm/m
L25 2300K Ra 93	269 lm/m	204 lm/m	-
L22 2000K Ra 92	251 lm/m	191 lm/m	-
L20 1800K Ra 90	229 lm/m	174 lm/m	-
L18 --K Ra --	222 lm/m	168 lm/m	-

Cross-sectional sizes with accessories scale=1:1

Side view



Top view



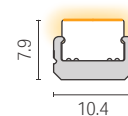
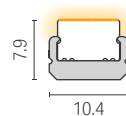
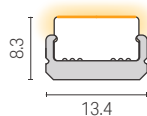
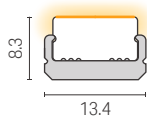
Lamp fitting list

Flexible

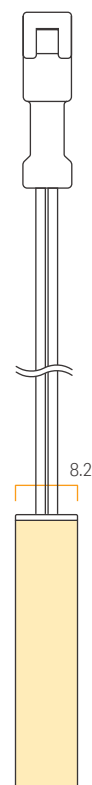
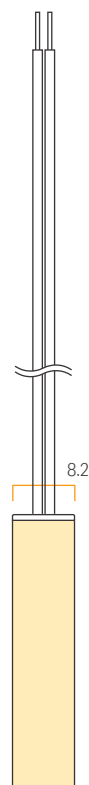
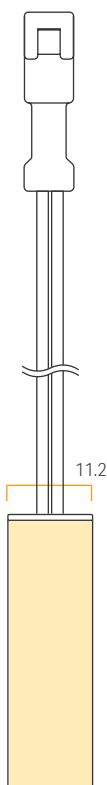
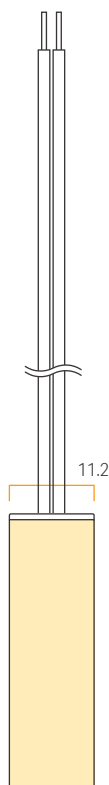
	RIMiT series Top bend	RIMiT series Top bend	RIMiT series Top bend	RIMiT series Top bend
Product name	Luci RIMiT flex Indoor	Luci RIMiT flex IP65	Luci RIMiT flex-s Indoor	Luci RIMiT flex-s IP65
Model No.	LRF-T(Length)(Lead wire)-(CCT)-DF-I-9	LRF-T(Length)(Lead wire)-(CCT)-DF-O-9	LRFS-T(Length)(Lead wire)-(CCT)-DF-I-4	LRFS-T(Length)(Lead wire)-(CCT)-DF-O-4
Description page	P.88	P.92	P.96	P.100
Max. customised Length	4m	4m	4m	4m
Power consumption	9.7W/m	9.7W/m	4.5W/m	4.5W/m
Max. length per circuit	4m	4m	4m	4m
Cuttable unit	25mm	-	25mm	-
Delivered CCT, Ra				
N 4100K Ra 96	620 lm/m	620 lm/m	257 lm/m	257 lm/m
W 3400K Ra 91	642 lm/m	642 lm/m	289 lm/m	289 lm/m
WW 3000K Ra 90	624 lm/m	624 lm/m	287 lm/m	287 lm/m
L30 2700K Ra 90	566 lm/m	566 lm/m	256 lm/m	256 lm/m
L27 2400K Ra 91	535 lm/m	535 lm/m	244 lm/m	244 lm/m
L24 2200K Ra 89	491 lm/m	491 lm/m	237 lm/m	237 lm/m

Cross-sectional sizes with accessories scale=1:1

Side view



Top view



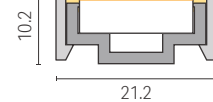
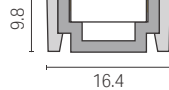
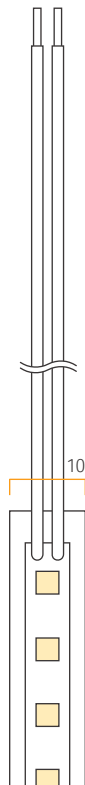
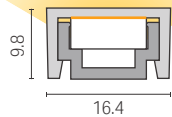
Flexible

	SHIN series Top bend		SHIN series Top bend		SHIN series Top bend
Product name	Luci SHIN FLEX Indoor		Luci SHIN FLEX IP67		Luci SHIN FLEX THOF Indoor
Model No.	LFY(LED pitch)-T(Length)(Lead wire)-(CCT)-I-(Power)		LFY(LED pitch)-T(Length)(Lead wire)-(CCT)-O-(Power)		LFTHY-T(Length)(Lead wire)-(CCT)(CCT)-I-(Power)
Description page	P.104		P.110		P.116
LED pitch	7.1mm	17.8mm	7.1mm	17.8mm	7mm
Max. customised Length	5m	5m	5m, LFY7 15W: 4m	5m	5m
Power consumption	2.1W/m, 4.2W/m, 6.4W/m, 10.8W/m, 15.9W/m	2.9W/m, 4.9W/m, 6.9W/m, 10.8W/m, 12.7W/m	2.1W/m, 4.2W/m, 6.4W/m, 10.8W/m, 15.9W/m	2.9W/m, 4.9W/m, 6.9W/m, 10.8W/m, 12.7W/m	2.1W/m, 4.2W/m, 6.4W/m, 10.8W/m, 15.9W/m
Max. length per circuit	5m	5m	5m, LFY7 15W: 4m	5m	5m
Cuttable unit	50mm	125mm	-	-	100mm
CCT, Ra	@6.4W/m	@6.9W/m	@6.4W/m	@6.9W/m	@6.4W/m NL27
D 6500K Ra 95	947 lm/m	975 lm/m	947 lm	975 lm/m	Ra 94 889 lm
N 5000K Ra 92	939 lm/m	967 lm/m	939 lm	967 lm/m	
W 4000K Ra 96	922 lm/m	949 lm/m	922 lm	949 lm/m	
WW 3500K Ra 96	913 lm/m	941 lm/m	913 lm	941 lm/m	
L30 3000K Ra 94	888 lm/m	915 lm/m	888 lm	915 lm/m	
L27 2700K Ra 93	838 lm/m	863 lm/m	838 lm	863 lm/m	Ra 94 889 lm
L25 2500K Ra 93	620 lm/m	639 lm/m	620 lm	639 lm/m	
L22 2200K Ra 92	578 lm/m	595 lm/m	578 lm	595 lm/m	
L20 2000K Ra 90	528 lm/m	544 lm/m	528 lm	544 lm/m	
L18 1800K Ra --	511 lm/m	526 lm/m	511 lm	526 lm/m	

Cross-sectional sizes with accessories scale=1:1

Side view

Top view



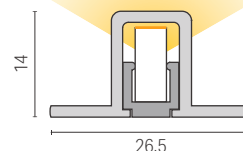
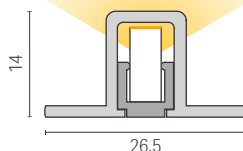
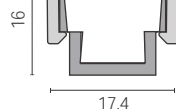
Lamp fitting list

Flexible

				
Product name	Luci SHIN FLEX α Indoor		Luci FLEX α F Indoor	Luci FLEX α F IP65
Model No.	LFAY7-T(Length)(Lead wire)-(CCT)-CL-I-(Power)		LFXF10-T(Length)(Lead wire)-(CCT)-CL-I-(Power)	LRFS10-T(Length)(Lead wire)-(CCT)-CL-O-(Power)
Description page	P.122		P.128	P.134
Max. customised Length	1.5m		5m	5m
Power consumption	2.1W/m, 4.2W/m, 6.4W/m, 10.8W/m, 15.9W/m		4.2W/m	4.2W/m
Max. length per circuit	5m		5m	5m
Cuttable unit	50mm		62.4mm	-
CCT, Ra	@6.4W/m			
D 6500K Ra 95	965 lm/m		D 7100K Ra 74 329 lm/m	D 7100K Ra 74 329 lm/m
N 5000K Ra 92	956 lm/m		-	-
W 4000K Ra 96	939 lm/m		W 4200K Ra 70 327 lm/m	W 4200K Ra 70 327 lm/m
WW 3500K Ra 96	931 lm/m		WW 3500K Ra 75 298 lm/m	WW 3500K Ra 75 298 lm/m
L30 3000K Ra 94	905 lm/m		L30 3000K Ra 70 292 lm/m	L30 3000K Ra 70 292 lm/m
L27 2700K Ra 93	854 lm/m		L27 2700K Ra 71 278 lm/m	L27 2700K Ra 71 278 lm/m
L25 2500K Ra 93	632 lm/m		L24 2400K Ra 65 251 lm/m	L24 2400K Ra 65 251 lm/m
L22 2200K Ra 92	589 lm/m		-	-
L20 2000K Ra 90	538 lm/m		-	-
L18 1800K Ra --	521 lm/m		-	-
Cross-sectional sizes with accessories scale=1:1				

Side view

Top view

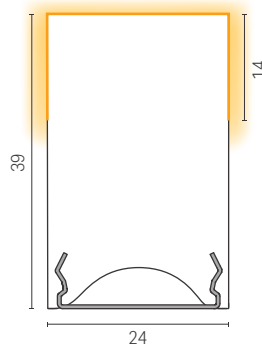
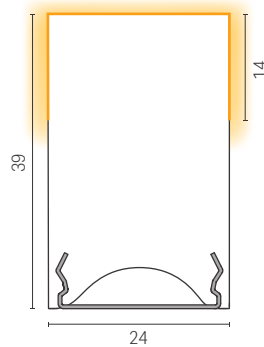


Rigid

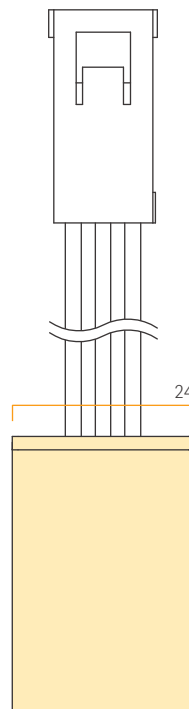
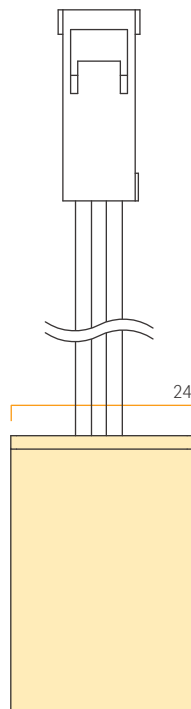
		
Product name	Luci SHIN RECTA	Luci SHIN THOF
Model No.	LREY-(Length)-(CCT)-DF-I-(Power)	LTHY-(Length)-(CCT)(CCT)-DF-I-(Power)
Description page	P.140	P.146
Max. customised Length	5m	5m
Power consumption	10.1W/m, 21.5W/m, 31.6W/m	10.7W/m, 21.5W/m, 31.6W/m
Max. length per circuit	10.1W/m, 21.5W/m : 5m, 31.6W/m : 3m	10.1W/m, 21.5W/m : 5m, 31.6W/m : 3m
CCT, Ra	@21.5W/m	@21.5W/m NL27
D 6500K Ra 96	2786 lm/m	
N 5000K Ra 93	2762 lm/m	
W 4000K Ra 97	2712 lm/m	
WW 3500K Ra 97	2688 lm/m	
L30 3000K Ra 95	2614 lm/m	
L27 2700K Ra 94	2466 lm/m	Ra 95 1235 lm/m
L25 2500K Ra 94	1825 lm/m	
L22 2200K Ra 93	1701 lm/m	
L20 2000K Ra 91	1553 lm/m	
L18 1800K Ra --	1504 lm/m	

Cross-sectional sizes with accessories scale=1:1

Side view



Top view



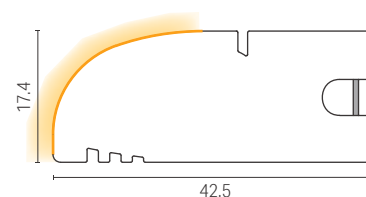
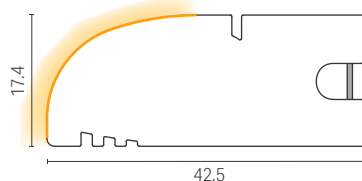
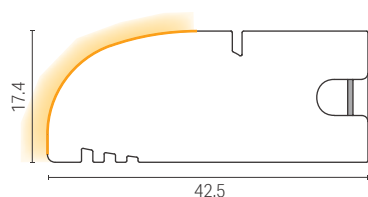
Lamp fitting list

Rigid

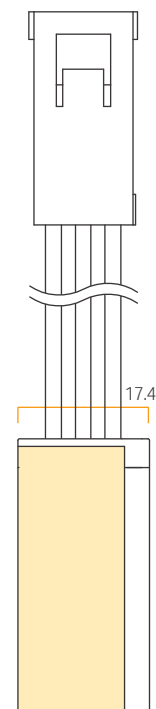
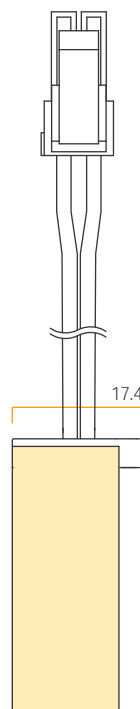
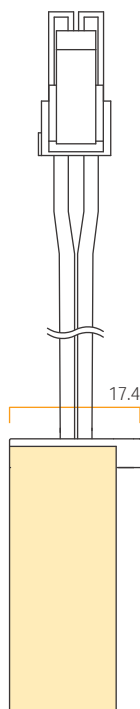
	SHIN series	SHIN series	SHIN series
Product name	Luci Creide	Luci Creide lens	Luci Creide THOF
Model No.	LCEY-(Length)-(CCT)-DF-I-(Power)	LCELY-(Length)-(CCT)-DF-I-(Power)	LCETHY-(Length)-(CCT)(CCT)-DF-I-(Power)
Description page	P.150	P.150	P.158
Max. customised Length	1.4m	1.4m	1.4m
Power consumption	10.7W/m, 15.8W/m	10.7W/m, 15.8W/m	10.7W/m, 21.5W/m
Max. length per circuit	5m	5m	5m
CCT, Ra	@10.7W/m	@10.7W/m	@10.7W/m
D 6500K Ra 96	1110 lm/m	1083 lm/m	
N 5000K Ra 93	1100 lm/m	1074 lm/m	
W 4000K Ra 97	1081 lm/m	1055 lm/m	
WW 3500K Ra 97	1071 lm/m	1045 lm/m	
L30 3000K Ra 95	1041 lm/m	1016 lm/m	
L27 2700K Ra 94	982 lm/m	959 lm/m	Ra 95 1008 lm/m
L25 2500K Ra 94	727 lm/m	710 lm/m	
L22 2200K Ra 93	678 lm/m	662 lm/m	
L20 2000K Ra 91	619 lm/m	604 lm/m	
L18 1800K Ra --	599 lm/m	585 lm/m	

Cross-sectional sizes with accessories scale=1:1

Side view



Top view



Rigid

SHIN series



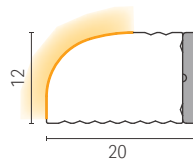
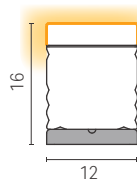
SHIN series



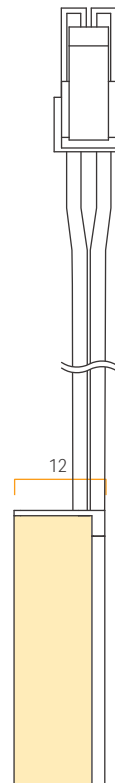
Product name	Luci SHIN silux	Luci SHIN silux wide
Model No.	LSXY-(Length)-(CCT)-DF-I-(Power)	LSXWY-(Length)-(CCT)-DF-I-(Power)
Description page	P.164	P.170
Max. customised Length	1.4m	1.4m
Power consumption	2.1W/m, 4.2W/m, 6.4W/m, 10.8W/m, 15.9W/m	2.1W/m, 4.2W/m, 6.4W/m, 10.8W/m, 15.9W/m
Max. length per circuit	2.1W/m, 4.2W/m, 6.4W/m, 10.8W/m : 6m, 15.9W/m : 5m	2.1W/m, 4.2W/m, 6.4W/m, 10.8W/m : 6m, 15.9W/m : 5m
CCT, Ra	@6.4W/m	@6.4W/m
D 6500K Ra 96	508 lm/m	701 lm/m
N 5000K Ra 93	504 lm/m	695 lm/m
W 4000K Ra 97	495 lm/m	683 lm/m
WW 3500K Ra 97	490 lm/m	676 lm/m
L30 3000K Ra 95	477 lm/m	658 lm/m
L27 2700K Ra 94	450 lm/m	620 lm/m
L25 2500K Ra 94	333 lm/m	459 lm/m
L22 2200K Ra 93	310 lm/m	428 lm/m
L20 2000K Ra 91	283 lm/m	391 lm/m
L18 1800K Ra --	274 lm/m	378 lm/m

Cross-sectional sizes with accessories scale=1:1

Side view



Top view



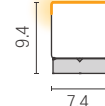
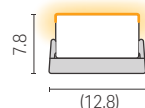
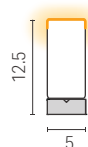
Lamp fitting list

Rigid

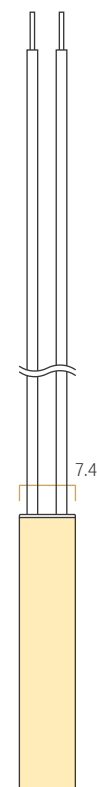
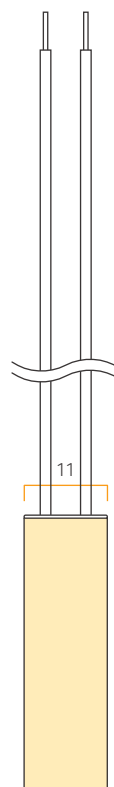
	RIMiT series				RIMiT series				RIMiT series			
												
Product name	Luci RIMiT hs				Luci RIMiT us				Luci RIMiT kk			
Model No.	LRMHS-T(Length)(Lead wire)-(CCT)-DF-I-4				LRMUS-T(Length)(Lead wire)-(CCT)-DF-I-(Power)				LRMKK-T(Length)(Lead wire)-(CCT)-DF-I-(Power)			
Description page	P.184				P.188				P.192			
Max. customised Length	1.5m				1.5m				1.5m			
Power consumption	4.5W/m				6.4W/m, 8.6W/m				4.5W/m			
Max. length per circuit	3.5m				3.5m				3.5m			
Delivered CCT, Ra					@6.4W/m				@6.4W/m			
N	4500K	Ra 92	158 lm/m		4600K	Ra 94	484 lm/m		4600K	Ra 91	416 lm/m	
W	3600K	Ra 91	139 lm/m		3700K	Ra 92	474 lm/m		3700K	Ra 96	401 lm/m	
WW	3200K	Ra 93	144 lm/m		3300K	Ra 94	440 lm/m		3300K	Ra 94	366 lm/m	
L30	2800K	Ra 92	136 lm/m		2900K	Ra 92	440 lm/m		2900K	Ra 94	355 lm/m	
L27	2500K	Ra 92	125 lm/m		2600K	Ra 92	412 lm/m		2600K	Ra 95	340 lm/m	
L24	2200K	Ra 91	110 lm/m		2400K	Ra 91	380 lm/m		2400K	Ra 92	338 lm/m	

Cross-sectional sizes with accessories scale=1:1

Side view



Top view



Rigid

RIMiT series



RIMiT series



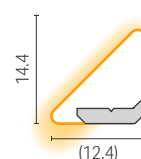
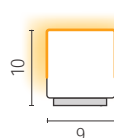
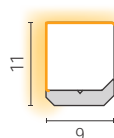
RIMiT series



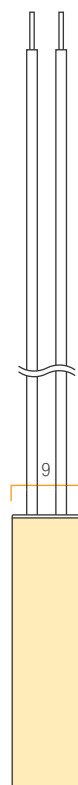
Product name	Luci RIMiT sm			Luci RIMiT sa			Luci RIMiT sk		
Model No.	LRMSM-T(Length)(Lead wire)-(CCT)-DF-I-(Power)			LRMSA-T(Length)(Lead wire)-(CCT)-DF-I-(Power)			LRMSK-T(Length)(Lead wire)-(CCT)-DF-I-(Power)		
Description page	P.196			P.200			P.204		
Max. customised Length	1.5m			1.5m			1.5m		
Power consumption	6.4W/m, 8.6W/m			6.4W/m, 8.6W/m			6.4W/m, 8.6W/m		
Max. length per circuit	3.5m			3.5m			3.5m		
Delivered CCT, Ra	@6.4W/m			@6.4W/m			@6.4W/m		
N	4600K	Ra 92	518 lm/m	Ra 91	582 lm/m		Ra 91	543 lm/m	
W	3700K	Ra 92	512 lm/m	Ra 91	572 lm/m		Ra 91	543 lm/m	
WW	3300K	Ra 92	486 lm/m	Ra 92	545 lm/m		Ra 91	522 lm/m	
L30	2900K	Ra 91	478 lm/m	Ra 91	544 lm/m		Ra 92	494 lm/m	
L27	2600K	Ra 91	454 lm/m	Ra 91	506 lm/m		Ra 91	510 lm/m	
L24	2400K	Ra 92	416 lm/m	Ra 92	473 lm/m		Ra 92	450 lm/m	

Cross-sectional sizes with accessories scale= 1:1

Side view



Top view



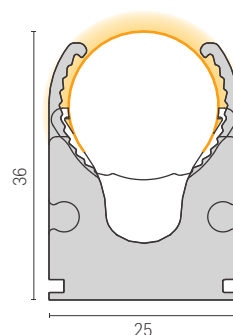
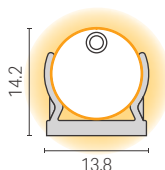
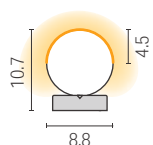
Lamp fitting list

Rigid

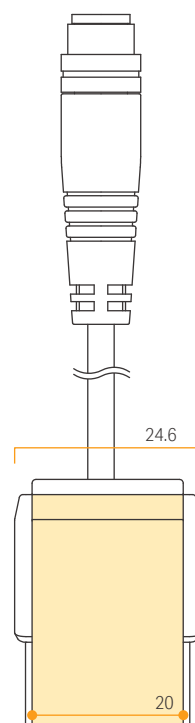
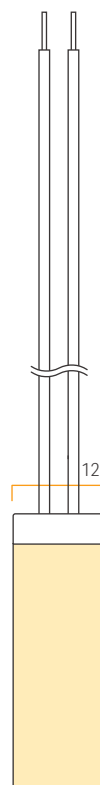
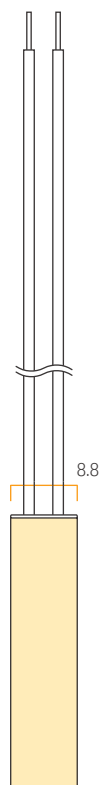
	RIMiT series			RIMiT series					
									
Product name	Luci RIMiT mr			Luci RIMiT ze			Luci EFRO		
Model No.	LRMMR-T(Length)(Lead wire)-(CCT)-DF-I-(Power)			LRMZE-T(Length)(Lead wire)(Lead wire)-(CCT)-DF - I-8			LRO-(Length)-(CCT)-DF-IW		
Description page	P.208			P.212			P.222		
Max. customised Length	1.5m			1m			1.1m		
Power consumption	6.4W/m, 8.6W/m			6.4W/m, 8.6W/m			9.6W/m		
Max. length per circuit	3.5m			1m			4.5m		
Delivered CCT, Ra	@6.4W/m								
N	4600K	Ra91	538 lm/m	4200K	Ra 91	479 lm/m	-		
W	3700K	Ra92	541 lm/m	3500K	Ra 96	571 lm/m	4000K	Ra94	802 lm/m
WW	3300K	Ra92	512 lm/m	3100K	Ra 94	578 lm/m	3500K	Ra94	862 lm/m
L30	2900K	Ra91	503 lm/m	2700K	Ra 94	510 lm/m	3000K	Ra93	688 lm/m
L27	2600K	Ra92	470 lm/m	2400K	Ra 95	501 lm/m	2700K	Ra93	697 lm/m
L24	2400K	Ra91	439 lm/m	2200K	Ra 92	466 lm/m	2400K	Ra94	662 lm/m

Cross-sectional sizes with accessories scale=1:1

Side view



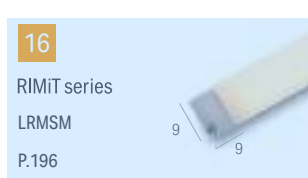
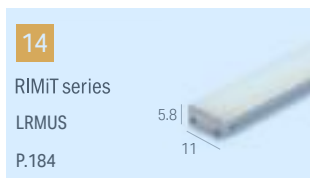
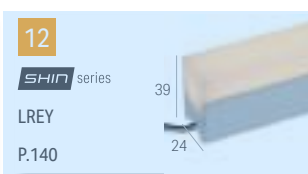
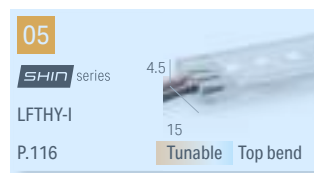
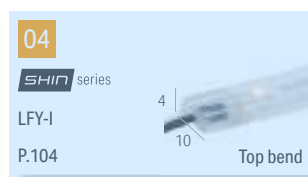
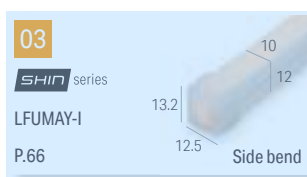
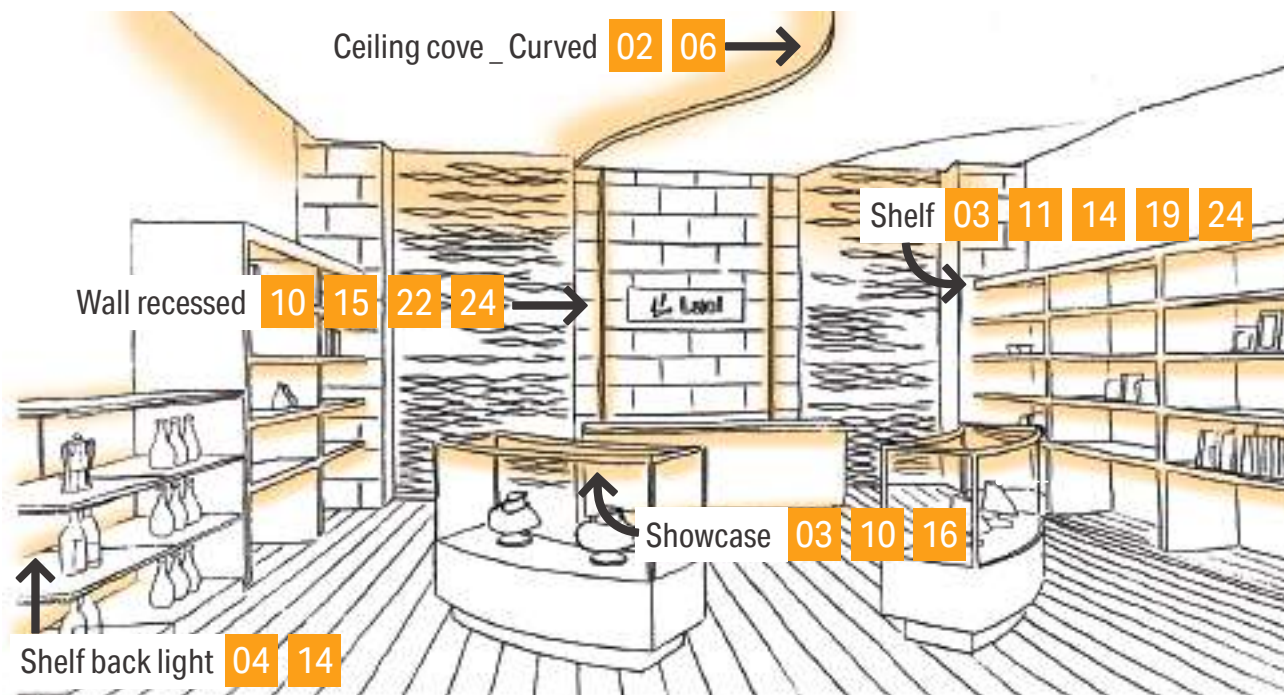
Top view



Application

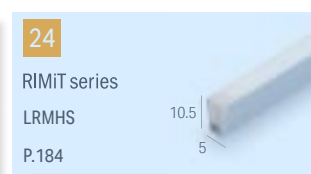
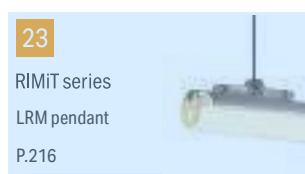
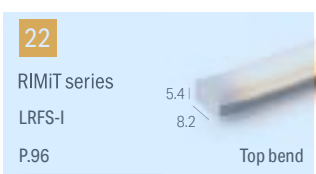
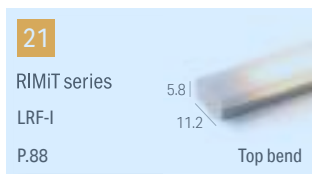
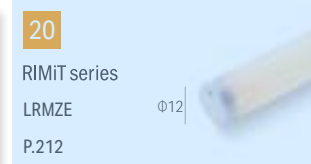
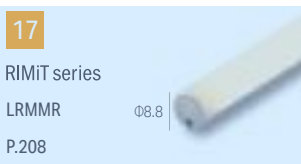
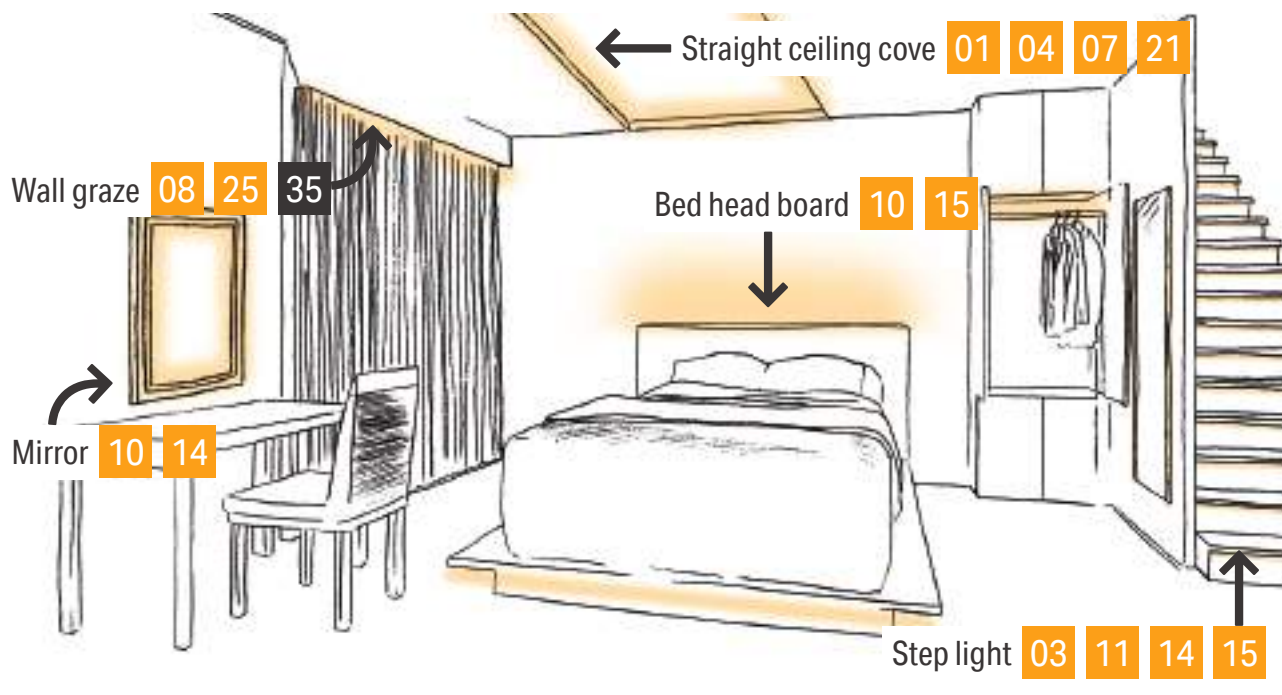
Retail

Our Luci lighting solutions featuring high colour rendering index highlights the exceptional features of your displayed products. Meanwhile, our sleek RIMiT series enhances shelf design by creating a beautifully refined ambience.



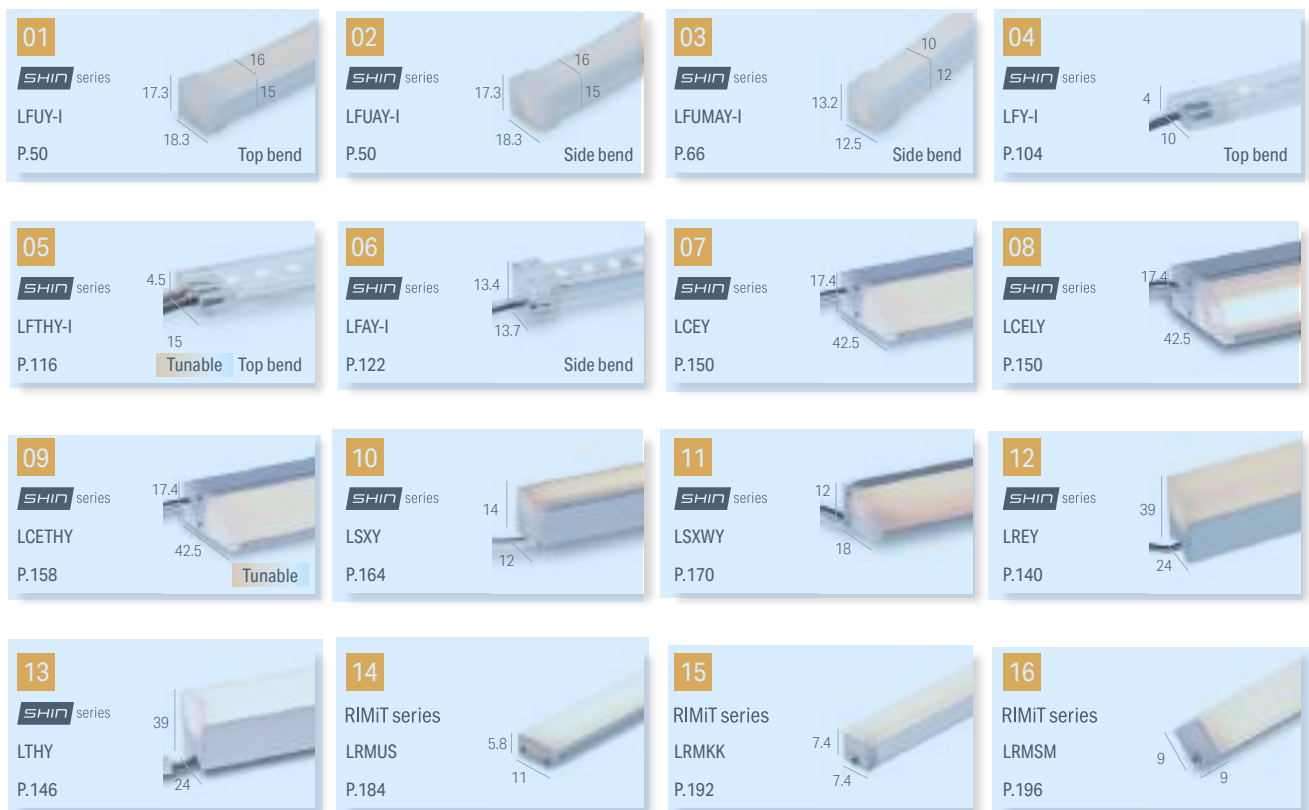
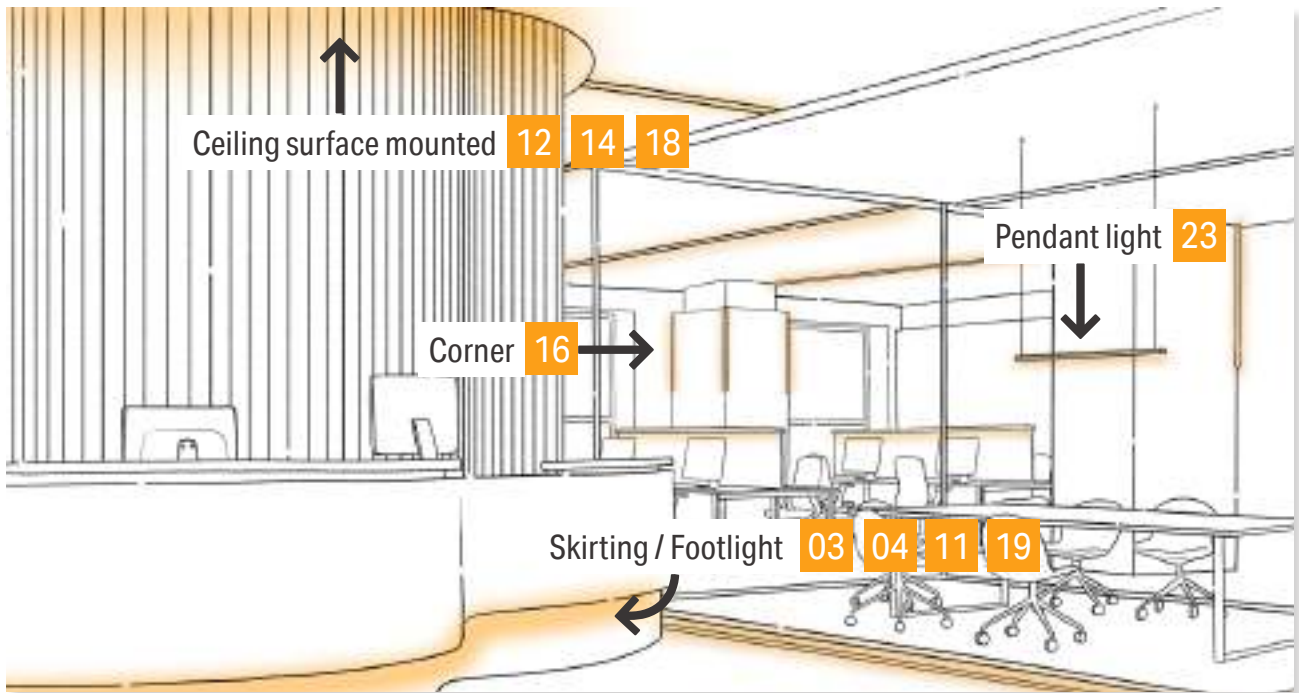
Hospitality

Enhance your hotel rooms with the SHIN series, the epitome of energy efficiency and cozy ambiance. Its sleek design and warm glow promise an inviting space, making every room feel like home. Ideal for creating a memorable guest experience.



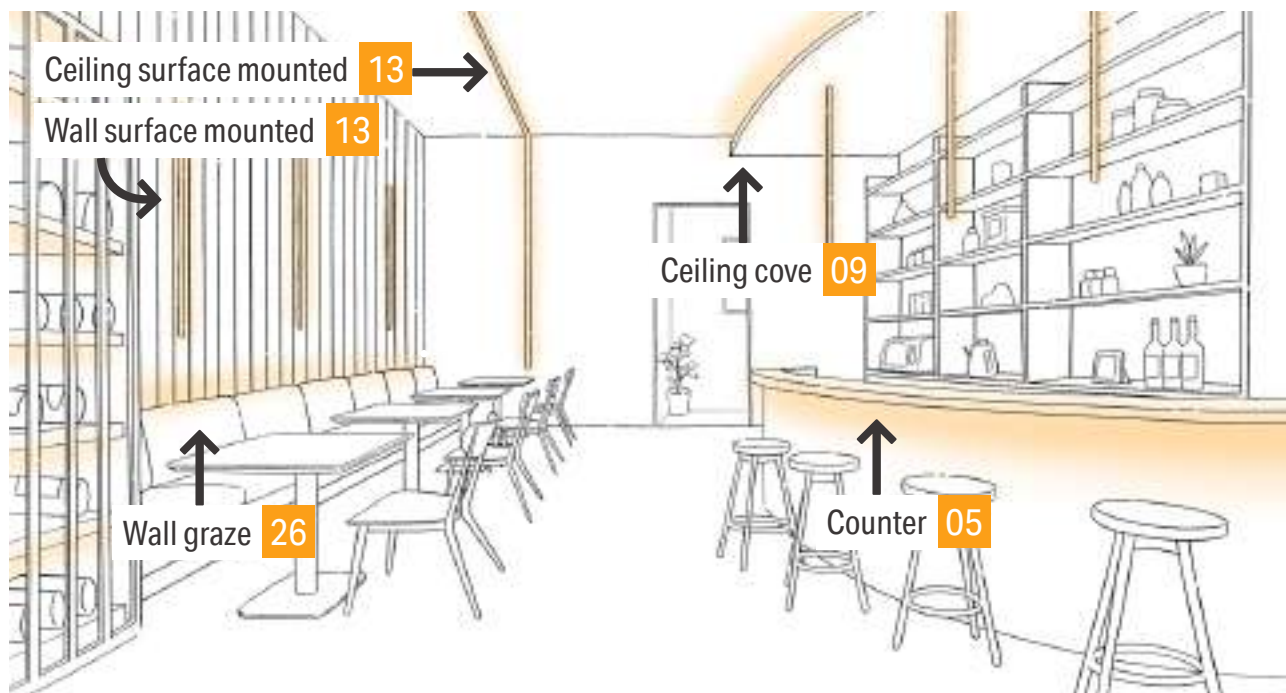
Office

Embracing the trend of organic and creatively designed lighting, such as curved lighting elements and decorative lightings, is essential for elevating the impression of the company's brand and enhancing employee's sense of belonging. A stylish and comfortable design can increase productivity and coziness of the workplace.



F&B (Tunable white)

Luci's tunable lighting solutions support circadian rhythms, smoothly transitioning space from bright daytime illumination to warm, inviting evening light. This not only enhances visual comfort but also elevates the aesthetic appeal of any space.



17

RIMiT series
LRMMR
P.208

 $\varnothing 8.8$

18

RIMiT series
LRMSA
P.200

9

19

RIMiT series
LRMSK
P.204

16.7
12.4 12.4

20

RIMiT series
LRMZE
P.212

 $\varnothing 12$

21

RIMiT series
LRF-I
P.88

5.8
11.2

Top bend

22

RIMiT series
LRFS-I
P.96

5.4
8.2

Top bend

23

RIMiT series
LRM pendant
P.216

24

RIMiT series
LRMHS
P.184

10.5
5

25

LVV
P.26

24
27

26

LVVTH
P.34

24
27

Tunable

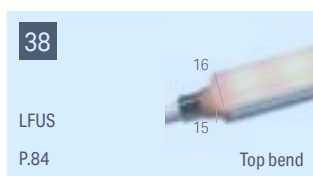
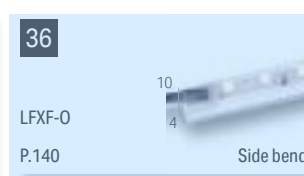
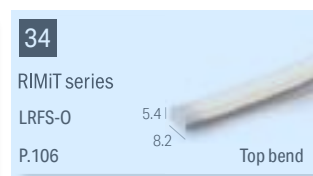
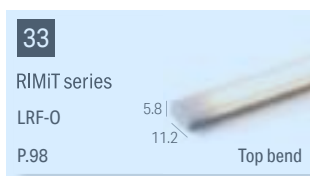
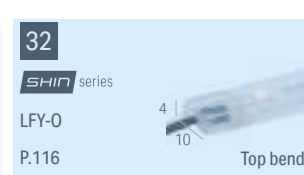
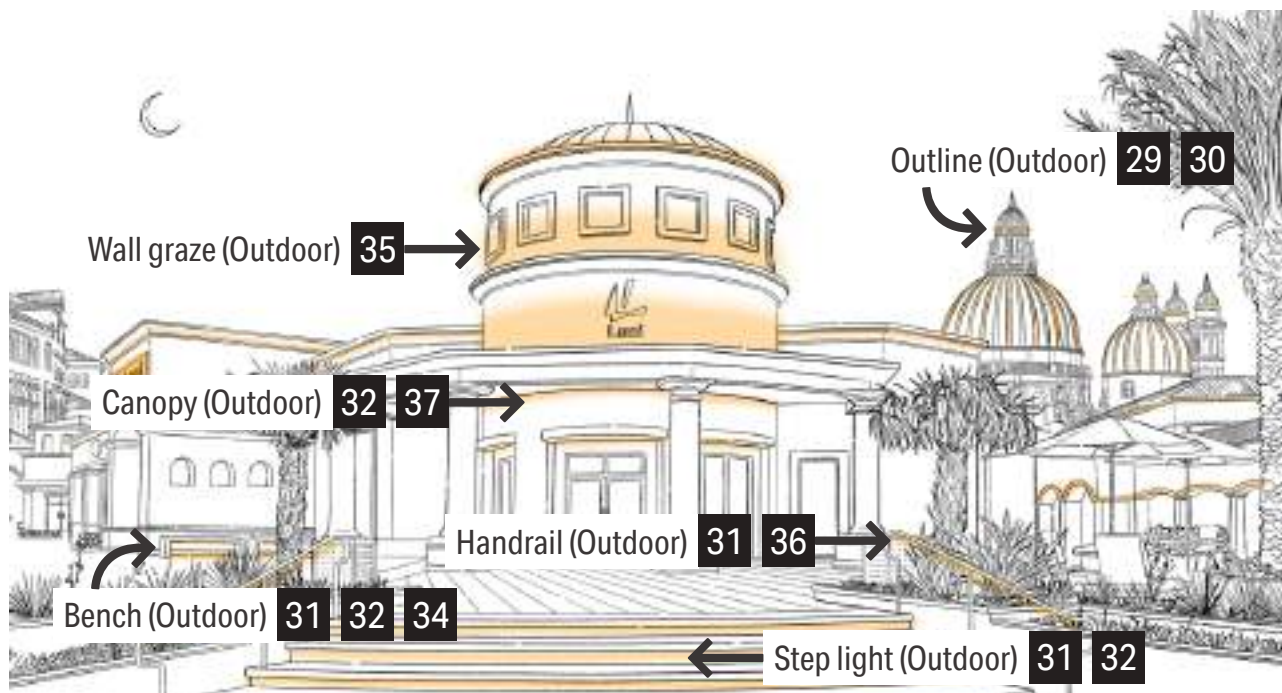
27

LFXF-I
P.128

10
4

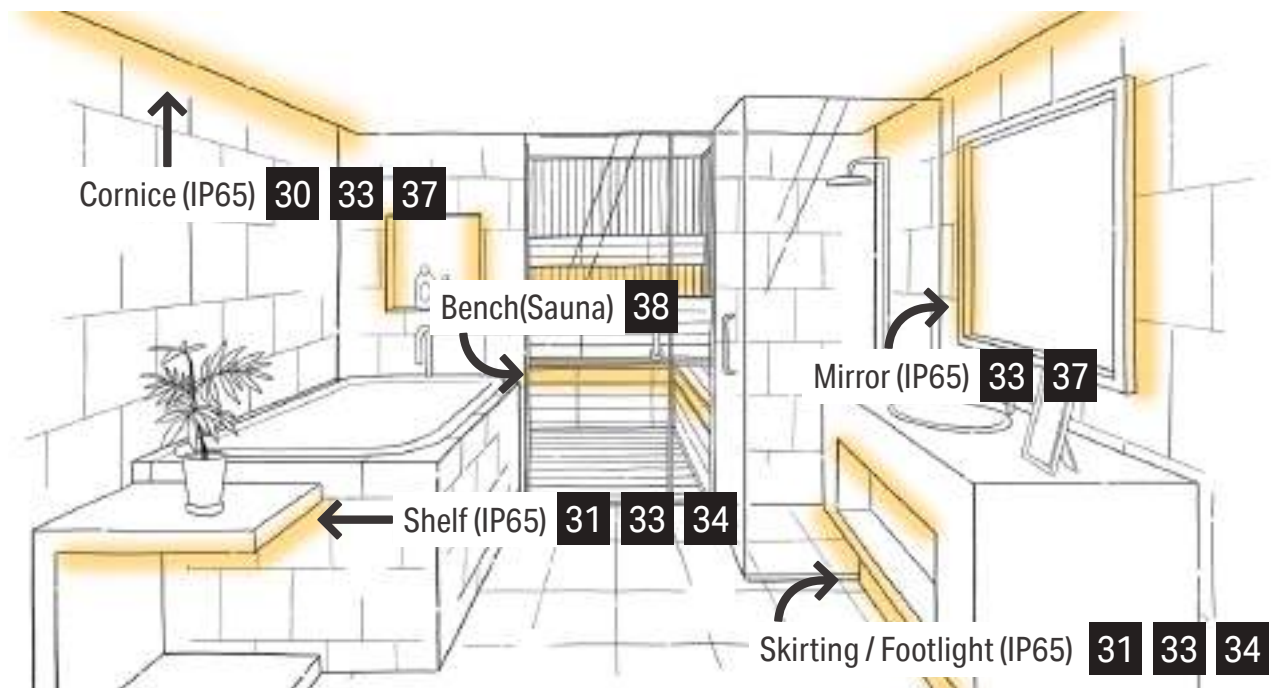
Facade / Landscape

Outdoor lighting requires to be weather-resistant, easy to install, and must meet various other requirements. We recommend our SHIN UQ FLEX IP67 series (LFUY-O, LFUAY-O), designed with a low voltage drop that enable longer distance between power sources and fixtures. Additionally, it comes with versatile accessories suitable for handrails and step lights.



Bathrooms / Sauna

Bathrooms and sauna are areas where humidity is at its highest, making light fixtures prone to moisture and damage. In these spaces, Luci's IP65 and IP67 fixtures are ideal for bathrooms, while the UQ FLEX SAUNA (LFUS) fixture is specifically designed to thrive in sauna environments. Its ability to endure high heat and moisture ensures a soft, glare-free illumination under benches and a serene atmosphere.





ELEMENTUM, SINGAPORE
Location: Singapore Architect: DCA ARCHITECT Lighting Designer: Light Collab Photography: ND Photography

Application

Wall graze



88 Cove Drive, Sentosa House
Location: Singapore Interior Design: Studio MK27 Lighting Design: SWITCH

Ceiling



ATLAS Bar, Parkview Square
Location: Singapore Interior design: Hassell Studio Lighting design: Klaasen Lighting Design Photo: E.K. YAP

Luci Vivoxy Graze

Wall grazing light to beautifully accentuate wall elements
with new and powerful high CRI LED
Original optical lens with less scalloping and
applicable for wide range of offset distances
Selectable brightness by choosing different output from constant current driver

Specifications

Dimensions

Cross section W 27xH 24 mm
Length 4 types of fixed length

1200	900
600	300

Color temperature

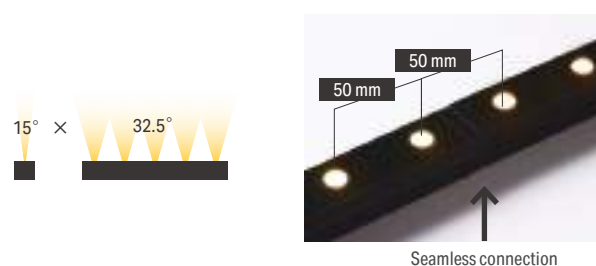
5000K	4000K	3500K	3000K	2700K	2200K
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Ra 90
Upgraded to High CRI and brighter LED Package

Electrical & Output

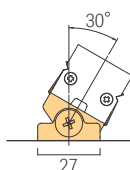
Input current	350 mA	500 mA	700 mA
Power Consumption (W/m)	18.9	27.8	38.9
Luminous flux @ 3000K (lm/m)	1876	2609	3485

Optics

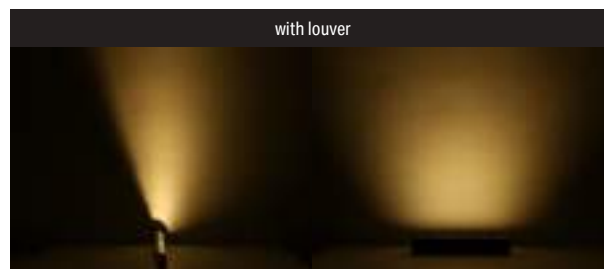
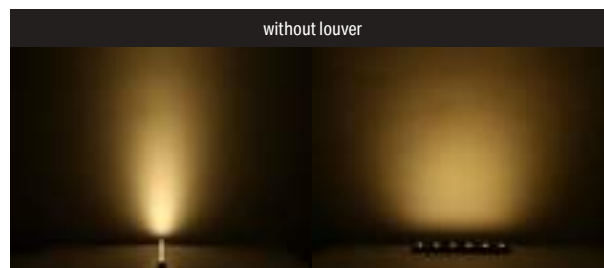
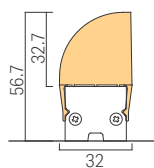


Accessories

Adjustable mounting fixture



Anti glare louver

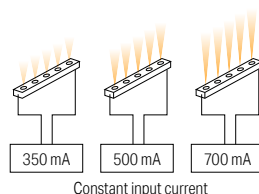


Features

The brightest grazing solution

Rated input current (mA)	350	500	700
Power consumption (W/900mm)	17	25	35
Luminaire efficacy @2700K (lm/W)	1583	2202	2941

3 brightness options with different driver but the same fittings



Constant input current

It is the brightest indoor wall grazer, delivering up to 2900 lumens, making it a powerful yet compact lighting solution. Its high output in a small form factor sets it apart from competitors, offering exceptional brightness in a more discreet design.

It uses a constant current system, brightness adjustment using 3 types of driver. This feature provides fine-tuned control over light output, making it easy to customize illumination levels based on installation needs and design preferences.

only L22

- For grazing light with spread lens 15°x32° with High CRI LED
- 3 different brightness by choosing 350mA, 500mA or 700mA C.C driver
- Adjustable bracket and louver is available



Model No.

LVV50



SP



Product Name / LED pitch	Length	Light source color	Beam angle	Environment
LVV50 : 50mm pitch	0300 0600 0900 1200	N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L22 : 2200K	SP : 15°×32.5°	I : Indoor

Specification

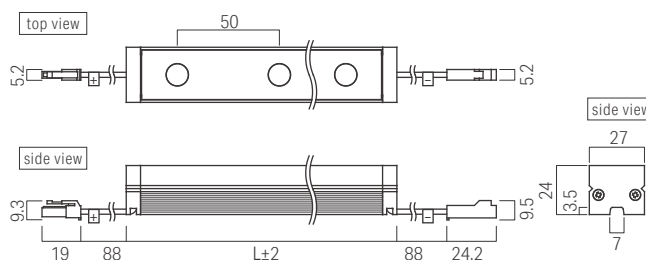
Length (Code)	0300			0600			0900			1200				
Rated input current	350mA	500mA	700mA	350mA	500mA	700mA	350mA	500mA	700mA	350mA	500mA	700mA		
Power consumption (Max.)	6W	8W	12W	11W	17W	24W	17W	25W	35W	23W	33W	47W		
Power consumption (Max.) L22	6W	9W	13W	12W	18W	26W	18W	27W	38W	24W	36W	51W		
Fitting length(L)	300mm			600mm			900mm			1200mm				
Weight	180g			360g			540g			720g				
Luminaire efficacy (2700K)	83.4@700mA			83.4@700mA			83.4@700mA			83.4@700mA				
Luman output														
Light source color (Code)		* = Equivalent				Luminaire flux (lm)								
N	5000K	Ra90	677*	1258*	942*	1354*	1884*	2517*	2031*	2826*	3775*	2708	3769	5034
W	4000K	Ra92	670*	1244*	941*	1339*	1881*	2489*	2009*	2822*	3733*	2678	3762	4977
WW	3500K	Ra92	626*	1163*	871*	1252*	1741*	2326*	1877*	2612*	3489*	2503	3483	4652
L30	3000K	Ra92	563*	1046*	783*	1125*	1566*	2091*	1688*	2348*	3137*	2251	3131	4183
L27	2700K	Ra94	528*	980*	734*	1055*	1468*	1961*	1583*	2202*	2941*	2110	2936	3921
L22	2200K	Ra 82	432*	802*	600*	863*	1201*	1604*	1295*	1801*	2406*	1726	2402	3208

General Specification

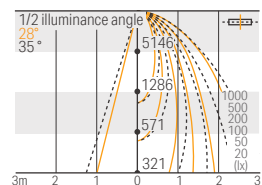
Input current	350mA	500mA	700mA
LED beam angle	15°×32.5°		
Environment	Indoor (no condensation)		
Max. length per run*	6m (L22: 5.4m)	4.2m (L22: 3.6m)	2.7m (L22: 2.4m)
Material (body)	Aluminum(black), Polycarbonate		
Certification	CE		
Dimmable	Yes (0-10V, DALI)		
Power Supplies	Constant current driver is required.		

* The connectable number of luminaires depends on the output voltage of the driver used. Check the instructions in the driver manual.

External dimensions



Light distribution curve



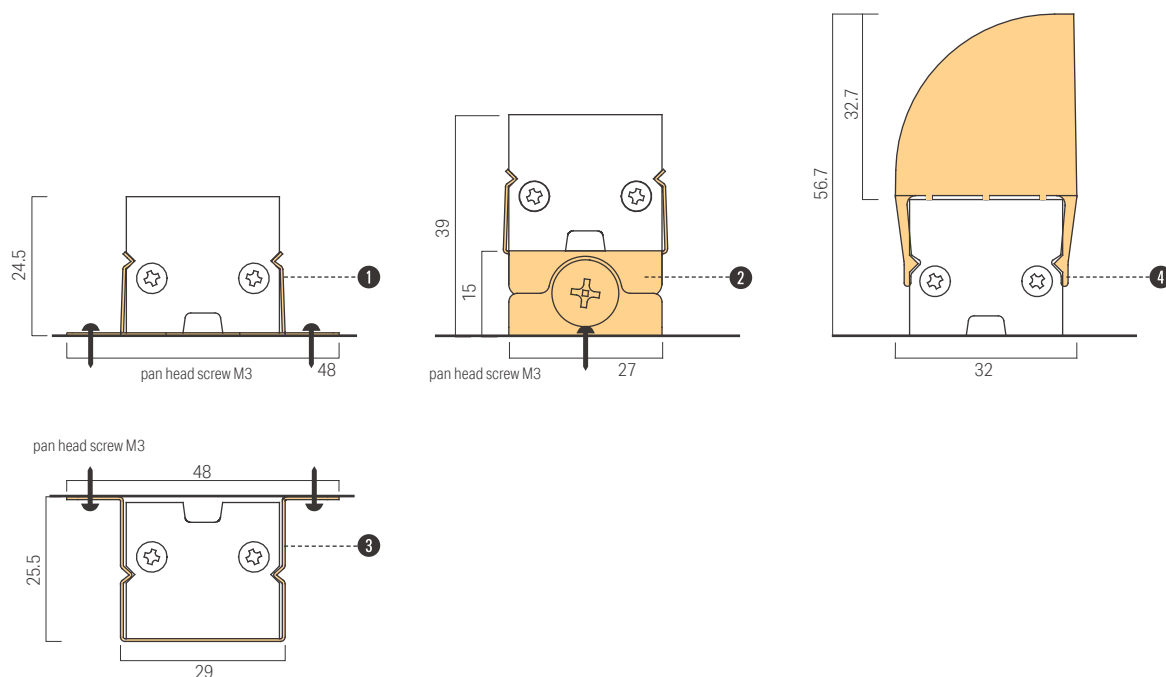
LVV50-1200-L27-SP-I (500mA)
 Light source color 2700K
 Brightness 5146 cd
 Luminous flux 2936 lm
 Color rendering index Ra 94

More detail



- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

Cross sectional view with accessories



Accessories

1 Mounting fixture for Vivoxo Graze **Attachment**

Model No : LVV-PT-A
Attached with LED fixture
2 pcs per LED fixture

For extra order, 1 pc / bag

top view

side view

2 Adjustable mounting fixture for Vivoxo Graze

Model No : LVV-PT-B
1 pc/bag

2 pcs per LED fixture is recommended.

For tilting installation

top view

side view

3 Fall prevention mounting fixture for Vivoxo Graze

Model No : LVV-PT-C
1 pcs/bag

2 pcs per LED fixture is recommended.

For downward installation

top view

side view

5 Joint cable set 5M for Vivoxo Graze **Required**

Model No : CAD-5000-SETB-I
1 pc per circuit for connecting the LED fixture to PSU or dimmer driver.

Red : + , Black : -

Socket side

Plug side

4 Louver for Vivoxo Graze

Model No : LVV50-LV0150
150mm×2 pcs / set

1 set for each 300mm LED fixture.

A dedicated louver can be installed on Luci Vivoxo Graze. Direct glare in a parallel or vertical direction against the lighting apparatus can be prevented.

top view

side view

Glare cut off angle

50°

60°

Louver

B-B

A-A

Luci Vivoxy Graze

Connecting to the Constant-current dimmable PSU

- Use appropriate Constant-current dimmable PSU according to the length of the LED fixtures.
- Do not split the circuit of LED fixtures into multiple from the Constant-current dimmable PSU.
- Connect the RED Joint cable to + (plus) of the PSU and the BLACK Joint cable to - (minus) of the PSU.
- Use an appropriate signal cable and install it according to the instructions caution of the signal cable installation.
- Max. connectable length depends on the wattage and output voltage range of the PSU.
- Max. length per circuit of LVV50 is,

	6.0 m @ 350 mA
	4.2 m @ 500 mA
	2.7 m @ 700 mA
L22	5.4 m @ 350 mA
	3.6 m @ 500 mA
	2.4 m @ 700 mA

Caution:

Ensure that power of PSU is off during connecting the LED fixtures.
After confirming that LED fixtures are connected to the PSU properly before turning on the main switch.

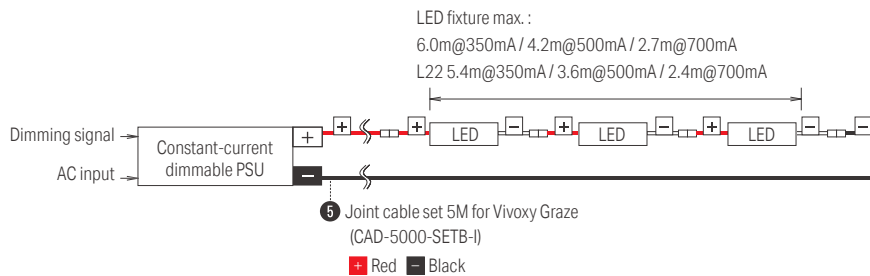
Polarity reversal or wrong procedure of connection, the LED fixture will be damaged due to a high inrush current.

If the PSU was turned on before connecting the LED fixtures, turn off the power and wait one or more minutes according to the manual of the PSU for releasing the accumulated electricity inside the PSU.

Constant-current dimmable PSU list

Driver type	Input	Dimming signal type	IP rated	Model No.
C.C	AC	0-10V	IP67	HVGC-*.B
		DALI	-	LCM-40D/60A

System configuration diagram



Connectable length of LVV50 per Constant-current dimmable PSU

Please make sure to connect LVV50 itself within the above range to the PSU.

HVGC series

Refer to P.32

Rated Current	Connectable length of LVV50	Constant-current dimmable PSU Model No.	Output - Constant current region
350mA	0.6 - 2.7m (L22:0.6 - 2.1m)	HVGC-65-350B	18 - 186V
	0.9 - 3.9m (L22:0.9 - 3.6m)	HVGC-100-350B	29 - 285V
	1.2 - 6.0m (L22:1.2 - 5.4m)	HVGC-150-350B	42 - 428V
500mA	0.6 - 1.8m (L22:0.3 - 1.5m)	HVGC-65-500B	13 - 130V
	0.9 - 4.2m (L22:0.9 - 3.6m)	HVGC-150-500B	30 - 300V
700mA	0.3 - 1.2m (L22:0.3 - 0.9m)	HVGC-65-700B	9 - 93V
	0.6 - 1.8m (L22:0.6 - 1.5m)	HVGC-100-700B	15 - 142V
	0.6 - 2.7m (L22:0.6 - 2.4m)	HVGC-150-700B	21 - 215V

LCM series

Current can be change by dip switch

Refer to P.33

Rated Current	Connectable length of LVV50	Constant-current dimmable PSU Model No.	Output - Constant current region
350mA	0.3 - 1.2m	LCM-40DA2 (350mA)	2 - 100V
500mA	0.3 - 0.9m	LCM-40DA2 (500mA)	2 - 80V
	0.3 - 1.2m (L22:0.3 - 0.9m)	LCM-60DA2 (500mA)	2 - 90V
700mA	0.3 - 1.2m (L22:0.3 - 0.6m)	LCM-40DA2 (700mA)	2 - 57V
	0.3 - 1.2m (L22:0.3 - 0.9m)	LCM-60DA2 (700mA)	2 - 86V

Guide for selecting constant current driver

1) The minimum and maximum voltage of LED fixture must be within the output voltage range of the constant current driver.
2) The total wattage of LED fixture including 80% load*1 must not exceed the wattage capacity of the constant current driver.
Please contact us when you have any questions for selecting the constant current driver.
Please follow instructions for the power supply and confirm the operation environment conditions including temperature and humidity.
Specifications and price are subject to change without prior notification.

Example:	1) Voltage range		2) Power consumption	Connectable or not
C.C driver	Constant Current Region of driver		Rated power of driver 150W	
LVV50 (@700mA)	Min. and Max. voltage range of LED fixture Wattage (inc. 80% load)		Wattage (inc. 80% load)	
L300mm	✗ 12V	22V ✓	✓ 15W	✗
L600mm	✓ 25V	43V ✓	✓ 29W	✓
L1800mm	✓ 75V	130V ✓	✓ 88W	✓
L2700mm	✓ 112V	194V ✓	✓ 132W	✓
L3000mm	✓ 125V	216V ✗	✓ 147W	✗
L3300mm	✓ 137V	238V ✗	✗ 162W	✗

Min and Max voltage of LED fixture and power consumption (N, W, WW, L30, L27)

Rated input current	350mA				500mA				700mA			
Fitting length per run (mm)	Min. Voltage	Max. Voltage	Power consumption (@Typ)	Power consumption (@Max)* 80% load	Min. Voltage	Max. Voltage	Power consumption (@Typ)	Power consumption (@Max)* 80% load	Min. Voltage	Max. Voltage	Power consumption (@Typ)	Power consumption (@Typ)*80% load *1
300	12V	21V	6W	7W	12V	21V	8W	10W	12V	22V	12W	15W
600	24V	42V	11W	14W	24V	42V	17W	21W	25V	43V	24W	29W
900	36V	63V	17W	21W	37V	64V	25W	31W	37V	65V	35W	44W
1200	48V	84V	23W	28W	49V	85V	33W	41W	50V	86V	47W	59W
1500	60V	104V	28W	35W	61V	106V	41W	52W	62V	108V	59W	74W
1800	72V	125V	34W	43W	73V	127V	50W	62W	75V	130V	71W	88W
2100	84V	146V	40W	50W	86V	149V	58W	72W	87V	151V	82W	103W
2400	96V	167V	45W	57W	98V	170V	66W	83W	100V	173V	94W	118W
2700	108V	188V	51W	64W	110V	191V	74W	93W	112V	194V	106W	132W
3000	120V	209V	57W	71W	122V	212V	83W	103W	125V	216V	118W	147W
3300	132V	230V	62W	78W	135V	234V	91W	113W	137V	238V	129W	162W
3600	144V	251V	68W	85W	147V	255V	99W	124W	150V	259V	141W	176W
3900	156V	271V	74W	92W	159V	276V	107W	134W	162V	281V	153W	191W
4200	168V	292V	79W	99W	171V	297V	116W	144W	175V	302V	165W	206W
4500	180V	313V	85W	106W	184V	319V	124W	155W	187V	324V	176W	221W
4800	192V	334V	91W	113W	196V	340V	132W	165W	200V	346V	188W	235W
5100	204V	355V	96W	120W	208V	361V	140W	175W	212V	367V	200W	250W
5400	216V	376V	102W	128W	220V	382V	149W	186W	225V	389V	212W	265W
5700	228V	397V	108W	135W	233V	404V	157W	196W	237V	410V	223W	279W
6000	240V	418V	113W	142W	245V	425V	165W	206W	250V	432V	235W	294W

Min and Max voltage of LED fixture and power consumption (L22)

Rated input current	350mA				500mA				700mA			
Fitting length per run (mm)	Min. Voltage	Max. Voltage	Power consumption (@Typ)	Power consumption (@Max)* 80% load	Min. Voltage	Max. Voltage	Power consumption (@Typ)	Power consumption (@Max)* 80% load	Min. Voltage	Max. Voltage	Power consumption (@Typ)	Power consumption (@Typ)*80% load *1
300	12V	23V	6W	8W	13V	24V	9W	11W	13V	24V	13W	16W
600	25V	47V	12W	15W	26V	48V	18W	23W	26V	49V	26W	32W
900	37V	70V	18W	23W	39V	72V	27W	34W	40V	73V	38W	48W
1200	50V	94V	24W	30W	52V	96V	36W	45W	53V	98V	51W	64W
1500	62V	117V	30W	38W	65V	121V	45W	56W	66V	122V	64W	80W
1800	75V	140V	37W	46W	78V	145V	54W	68W	79V	147V	77W	96W
2100	87V	164V	43W	53W	91V	169V	63W	79W	92V	171V	90W	112W
2400	100V	187V	49W	61W	104V	193V	72W	90W	106V	196V	102W	128W
2700	112V	211V	55W	69W	117V	217V	81W	101W	119V	220V	115W	144W
3000	125V	234V	61W	76W	130V	241V	90W	113W	132V	245V	128W	160W
3300	137V	257V	67W	84W	143V	265V	99W	124W	145V	269V	141W	176W
3600	150V	281V	73W	91W	156V	289V	108W	135W	158V	294V	154W	192W
3900	162V	304V	79W	99W	168V	314V	117W	146W	172V	318V	167W	208W
4200	175V	328V	85W	107W	181V	338V	126W	158W	185V	343V	179W	224W
4500	187V	351V	91W	114W	194V	362V	135W	169W	198V	367V	192W	240W
4800	200V	374V	97W	122W	207V	386V	144W	180W	211V	392V	205W	256W
5100	212V	398V	104W	129W	220V	410V	153W	191W	224V	416V	218W	272W
5400	225V	421V	110W	137W	233V	434V	162W	203W	238V	441V	231W	288W
5700	237V	445V	116W	145W	246V	458V	171W	214W	251V	465V	243W	304W
6000	250V	468V	122W	152W	259V	482V	180W	225W	264V	490V	256W	320W

Constant-current dimmable PSU

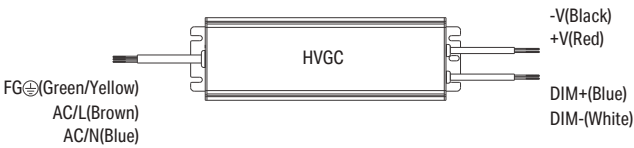
HVGC-*-B	Constant Current - Dimmable driver (AC input) - 1ch	Constant Current dimmable driver IP67	Meanwell
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- Wide input range 180 - 528 VAC
- Constant current mode output
- Metal housing with class I design
- IP67 / IP65 design for indoor or outdoor installations
- Function options:
output adjustable via potentiometer; 3 in 1 dimming (dim-to-off); Timer dimming



Wiring Diagram



Twist shield cable is recommended to use as a signal cable.

Specification

Product name	Constant Current Mode LED Driver		
Model Number for 700mA	HVGC-65-700B	HVGC-100-700B	HVGC-150-700B
for 500mA	HVGC-65-500B	-	HVGC-150-500B
for 350mA	HVGC-65-350B	HVGC-100-350B	HVGC-150-350B
Rated Power	65W	100W	150W
INPUT Voltage range	180~ 528VAC		
IP rate	IP67		
Dimming type	3 in 1 dimming function (0-10Vdc, 10V PWM signal and resistance)		
WORKING TEMP. (Tcase)	-40 - +80°C		
Size (mm) (L × W × H)	189 × 61.5 × 36.8	236 × 68 × 38.8	245 × 68 × 38.8
Weight	0.77Kg	1.18Kg	1.24Kg

Connectable length of LVV per Constant-current dimmable PSU

Please make sure to connect LVV50 itself within the above range to the PSU.

Rated Current	Connectable length of LVV50	Constant-current dimmable PSU Model No.	Output - Constant current region
350mA	0.6 - 2.7m (L22:0.6 - 2.1m)	HVGC-65-350B	18 - 186V
	0.9 - 3.9m (L22:0.9 - 3.6m)	HVGC-100-350B	29 - 285V
	1.2 - 6.0m (L22:1.2 - 5.4m)	HVGC-150-350B	42 - 428V
500mA	0.6 - 1.8m (L22:0.3 - 1.5m)	HVGC-65-500B	13 - 130V
	0.9 - 4.2m (L22:0.9 - 3.6m)	HVGC-150-500B	30 - 300V
700mA	0.3 - 1.2m (L22:0.3 - 0.9m)	HVGC-65-700B	9 - 93V
	0.6 - 1.8m (L22:0.6 - 1.5m)	HVGC-100-700B	15 - 142V
	0.6 - 2.7m (L22:0.6 - 2.4m)	HVGC-150-700B	21 - 215V

Constant-current dimmable PSU

LCM Series	Constant Current - Dimmable driver (AC input) - 1ch	Constant Current dimmable driver Indoor	Meanwell
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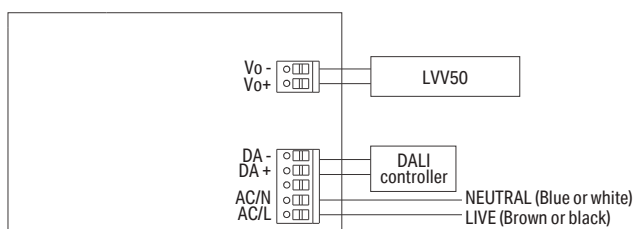


- Available for DALI interface for constant current
- Selectable current by dip switch
- Please refer to instruction manual for dip switch setting

More detail



Wiring Diagram



Specification

Product name	Constant Current LED Driver 1ch	
Model Number	LCM-40DA2	LCM-6040DA2
for 700mA		
for 500mA		
for 350mA		
Rated Power	42W	60.3W
INPUT Voltage range	180 - 528VAC	
IP rate	-	
Dimming type	DALI interface	
WORKING TEMP. (Tcase)	-30 - +90°C	
Size (mm) (L × W × H)	123.5 × 81.5 × 23	
Weight	0.24Kg	

Current can be change by dip switch

Connectable length of LVV per Constant-current dimmable PSU

Please make sure to connect LVV50 itself within the above range to the PSU.

LCM series

Rated Current	Connectable length of LVV50	Constant-current dimmable PSU Model No.	Output - Constant current region
350mA	0.3 - 1.2m	LCM-40DA2 (350mA)	2 - 100V
500mA	0.3 - 0.9m	LCM-40DA2 (500mA)	2 - 80V
	0.3 - 1.2m (L22:0.3 - 0.9m)	LCM-60DA2 (500mA)	2 - 90V
700mA	0.3 - 0.6m (L22:0.3 - 0.6m)	LCM-40DA2 (700mA)	2 - 57V
	0.3 - 1.2m (L22:0.3 - 0.9m)	LCM-60DA2 (700mA)	2 - 86V

LVVTH



ELEMENTUM, SINGAPORE
Location: Singapore Architect: DCA ARCHITECT Lighting Designer: Light Collab Photography: ND Photography

Application

Wall graze



Kanazawa Tokyu Hotel
Location: Japan Owner: TOKYU HOTELS CO., LTD. Architect office: ILYA Corporation Lighting design: sola associates
Photo: Nacasa & Partners Inc.

Wall graze



Watanabe Pipe Co., Ltd. Ryogoku Office
Location: Japan Architect office: PLANTEC ARCHITECTS Lighting design: sola associates

Luci Vivoxy Graze THOF®

Wall grazing light to beautifully accentuate wall elements
with new and powerful high CRI LED
Original optical lens with less scalloping and
applicable for wide range of offset distances
Selectable brightness by choosing different output from constant current driver

Specifications

Dimensions

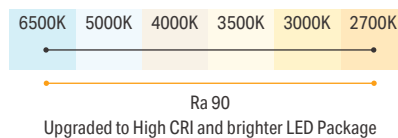
Cross section W 27xH 24 mm
Length 4 types of fixed length

1200	900
600	300

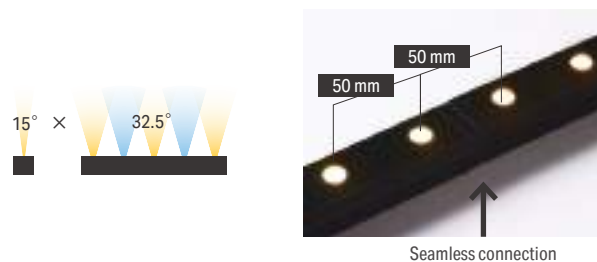
Electrical & Output

Input current		350 mA	500 mA	700 mA
Power Consumption (W/m)		18.9	27.8	38.9
Luminous flux @ 900mm	5000K 100%, 2700K 0%	995	1422	1861
	5000K 100%, 2700K 100%	1773	2533	3290
	5000K 0%, 2700K 100%	800	1143	1489

Color temperature



Optics



Features

Accessories

Adjustable mounting fixture



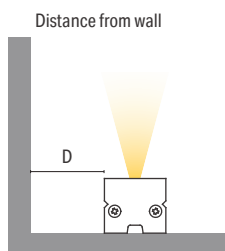
Louver



Louvers are optional accessories designed to control glare, improve light direction, and enhance visual comfort in the installations. They help reduce unwanted spill light, ensuring a more focused and refined illumination while maintaining the intended wall grazing or accent lighting effect.

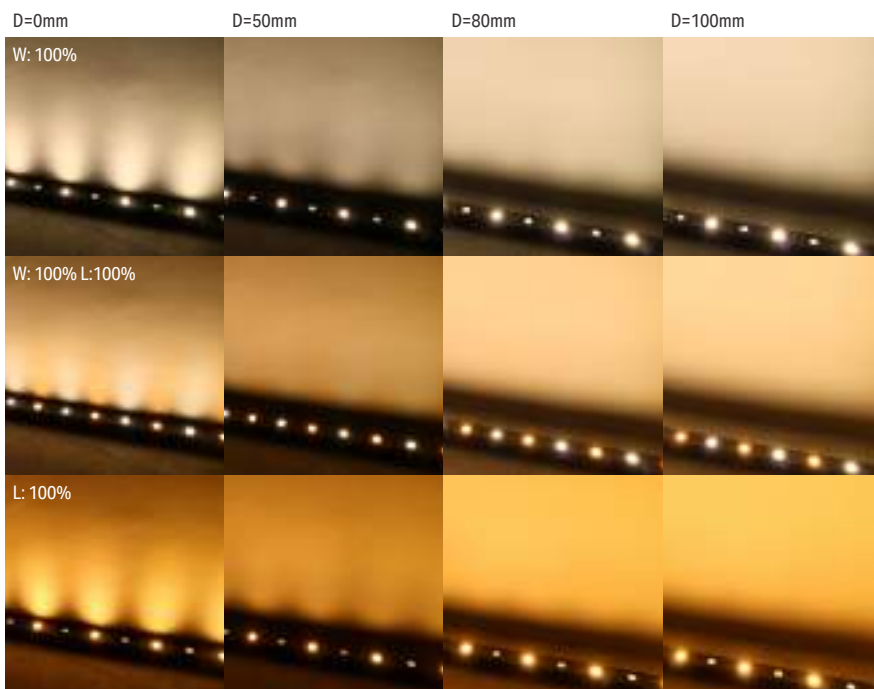


Recommended distance



The offset distance from the wall plays a crucial role in determining the lighting effect and uniformity. A closer offset creates a more defined, dramatic grazing effect, emphasizing textures and surface details, while a greater distance results in a softer, more diffused illumination, reducing shadow contrast.

For optimal lighting performance, a recommended offset of **100mm** from the wall ensures 100% ideal illumination, delivering a balanced and even wall grazing effect with minimal hotspots or uneven brightness.



Color management
MacAdam

Color management
ANSI BIN

L90>B10
109K

3 years
warranty

only L22

- For grazing light with spread lens 15°x32° with High CRI LED
- 3 different brightness by choosing 350mA, 500mA or 700mA C.C driver
- Adjustable bracket and louver is available



Model No.

LVVTH50 - - **NL27** - **SP** - **I**

Product Name / LED pitch	Length	Light source color	Beam angle	Environment
LVVTH50 : 50mm pitch	0300 0600 0900 1200	NL27 : 2700K - 5000K	SP : 15°x32.5°	I : Indoor

Specification

Length	0300			0600			0900			1200		
Model No.	LVVTH50-0300-NL27-SP-I			LVVTH50-0600-NL27-SP-I			LVVTH50-0900-NL27SP-I			LVVTH50-1200-NL27-SP-I		
Rated input current	700mA	500mA	350mA	700mA	500mA	350mA	700mA	500mA	350mA	700mA	500mA	350mA
Power Consumption 2ch max(@typ)	12W	8W	6W	24W	17W	11W	35W	25W	17W	47W	33W	23W
Power Consumption 1ch max(@typ)	6W	5W	3W	12W	9W	6W	18W	13W	9W	24W	17W	12W
Fitting length (L)	300mm			600mm			900mm			1200mm		
Weight	180g			360g			540g			720g		
Luminaire efficacy(2700K)	82.7/W@700mA			82.7/W@700mA			82.7/W@700mA			82.7/W@700mA		

Luman output

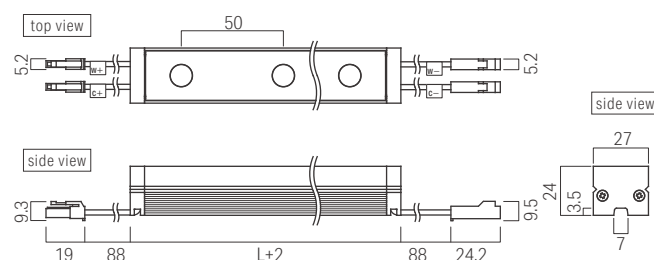
Light source color (Code)	* = Equivalent			Luminaire flux (lm)								
NL27	○	○	○	○	○	○	○	○	○	○	○	○
N 100%, L27 0%	620	474	332	1241	948	664	1861	1422	995	2481	1896	1327
N 100%, L27 100%	1097	844	591	2193	1688	1182	3290	2533	1773	4386	3377	2364
N 0%, L27 100%	496	381	267	992	762	534	1489	1143	800	1985	1525	1067

General Specification

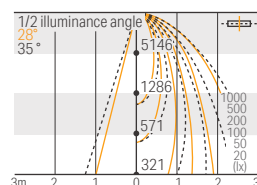
Input current	700mA	500mA	350mA
LED beam angle	15°x32.5°		
Environment	Indoors (no condensation)		
Max. length per run*	5.7m	8.4m	12m
Material (body)	Aluminum(black), Polycarbonate		
Certification	CE		
Dimmable	Yes (0-10V, DALI, Casambi)		
Power Supplies	Constant current driver is required.		

* The connectable number of luminaires depends on the output voltage of the driver used. Check the instructions in the driver manual.

External dimensions



Light distribution curve



LVVTH50-1200-NL27-SP-I (500mA)

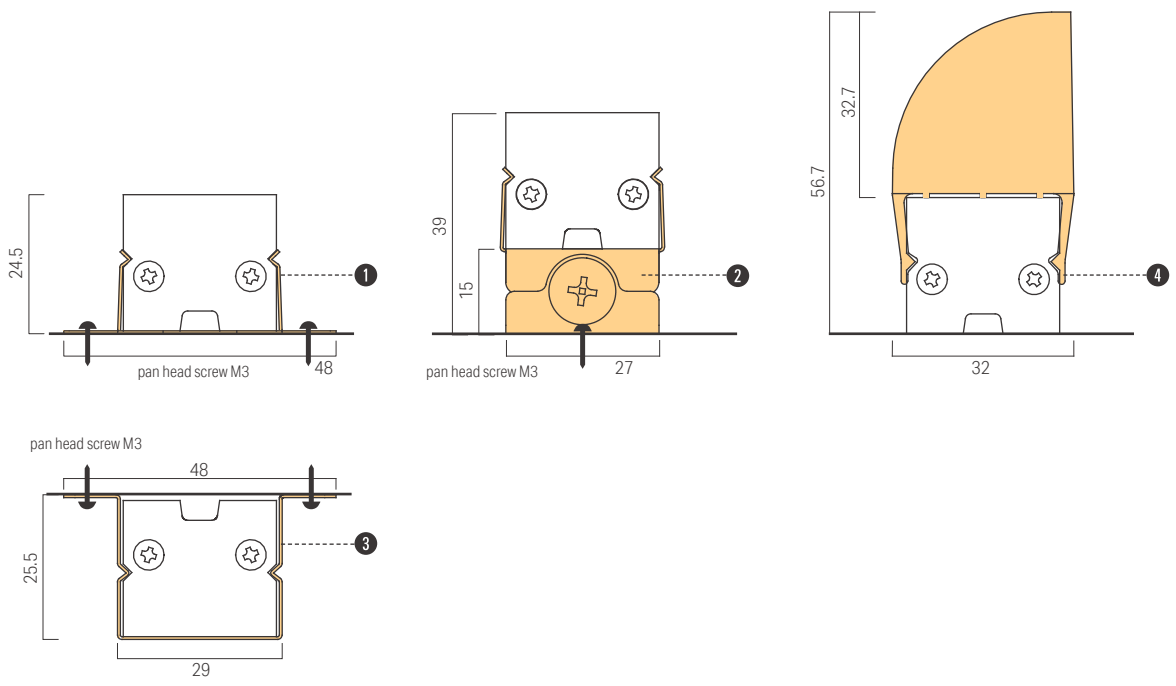
Light source color 2700K
Brightness 5146 cd
Luminous flux 2936 lm
Color rendering index Ra 94

More detail



- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

Cross sectional view with accessories



Accessories

1 Mounting fixture for Vivoxy Graze **Attachment**

Model No : LVV-PT-A

Attached with LED fixture

2 pcs per LED fixture

For extra order, 1 pc / bag

top view

side view

48

36.5

φ3.5

26.7

(14.8)

29

2 Adjustable mounting fixture for Vivoxy Graze

Model No : LVV-PT-B

1 pc/bag

2 pcs per LED fixture is recommended.

For tilting installation

top view

side view

7

42.2

30.3

15

29

3 Fall prevention mounting fixture for Vivoxy Graze

Model No : LVV-PT-C

1 pcs/bag

2 pcs per LED fixture is recommended.

For downward installation

top view

side view

43.7

20

26.3

29

Screw Holes (3.5×5.5 Long hole)

5 Joint cable set 5M for Vivoxy Graze **Required**

Model No : CAD-5000-SETB-I

1 pc per circuit for connecting the LED fixture to PSU or dimmer driver.

Red : + , Black : -

Socket side

Plug side

5.2

9.3

5000±10

19

4981

5.2

9.5

5000±10

24.2

4975.8

4 Louver for Vivoxy Graze

Model No : LVV50-LV0150

150mm×2 pcs / set

1 set for each 300mm LED fixture.

A dedicated louver can be installed on Luci Vivoxy Graze. Direct glare in a parallel or vertical direction against the lighting apparatus can be prevented.

top view

side view

150

32

15.3

32.7

φ18

Louver

B-B

A-A

Glare cut off angle 50°

Glare cut off angle 60°

32

32.7

56.7

Connecting to the Constant-current dimmable PSU

- Use appropriate Constant-current dimmable PSU according to the length of the LED fixtures.
- Do not split the circuit of LED fixtures into multiple from the Constant-current dimmable PSU.
- Connect the RED Joint cable to + (plus) of the PSU and the BLACK Joint cable to - (minus) of the PSU.
- Use an appropriate signal cable and install it according to the instructions caution of the signal cable installation.

Caution:

Ensure that power of PSU is off during connecting the LED fixtures.
After confirming that LED fixtures are connected to the PSU properly before turning on the main switch.

Polarity reversal or wrong procedure of connection, the LED fixture will be damaged due to a high inrush current.

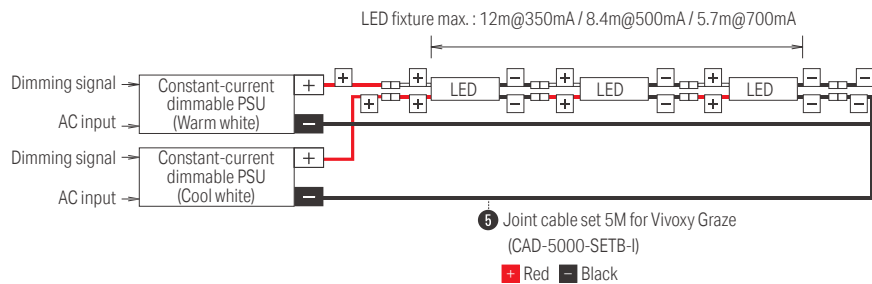
If the PSU was turned on before connecting the LED fixtures, turn off the power and wait one or more minutes according to the manual of the PSU for releasing the accumulated electricity inside the PSU.

- Max. connectable length depends on the wattage and output voltage range of the PSU..
- Max. length per circuit of LVFTH50 is,
12 m @ 350 mA
8.4 m @ 500 mA
5.7 m @ 700 mA

Constant-current dimmable PSU list

Driver type	Input	Dimming signal type	IP rated	Model No.
C.C	AC	0-10V	IP67	HVGC-*.B
		DALI	-	LCM-40TW
		DALI	-	DL0560A-*.mA

System configuration diagram-1



Connectable length of LVVTH per Constant-current dimmable PSU

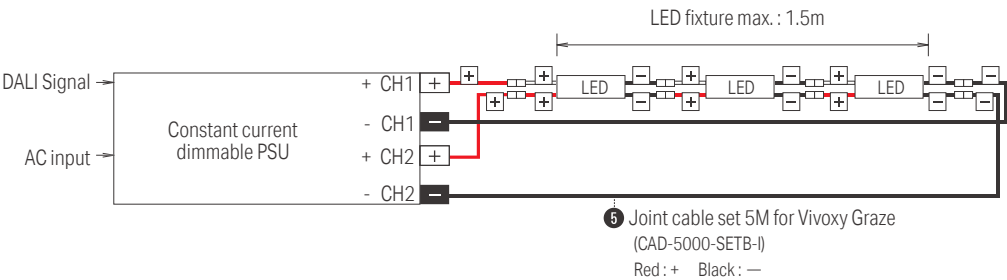
Please make sure to connect LVVTH50 itself within the above range to the PSU.

HVGC series

Refer to P.41

Rated Current	Connectable length of LVVTH50	Constant-current dimmable PSU Model No.	Output - Constant current region
350mA	0.9 - 5.1m	HVGC-65-350B × 2pcs	18 - 186V
	1.5 - 8.1m	HVGC-100-350B × 2pcs	29 - 285V
	2.1 - 12.0m	HVGC-150-350B × 2pcs	42 - 428V
500mA	0.9 - 3.6m	HVGC-65-500B × 2pcs	13 - 130V
	1.5 - 8.4m	HVGC-150-500B × 2pcs	30 - 300V
700mA	0.6 - 2.4m	HVGC-65-700B × 2pcs	9 - 93V
	0.9 - 3.9m	HVGC-100-700B × 2pcs	15 - 142V
	1.2 - 5.7m	HVGC-150-700B × 2pcs	21 - 215V

System configuration diagram-2



Connectable length of LVVTH per Constant-current dimmable PSU

Please make sure to connect LVVTH50 itself within the above range to the PSU.

DL0560A series

Refer to P.42

Rated Current	Connectable length of LVVTH50	Constant-current dimmable PSU Model No.	Output - Constant current region
350mA	0.3 - 1.5m	DL0560A-350mA	2 - 55V
500mA	0.3 - 1.5m	DL0560A-500mA	2 - 55V
700mA	0.3 - 1.5m	DL0560A-700mA	2 - 55V

LCM series

Current can be change by dip switch

Refer to P.43

Rated Current	Connectable length of LVVTH50	Constant-current dimmable PSU Model No.	Output - Constant current region
700mA	1.2m	LCM-40TW (700mA)	20 - 50V

Guide for selecting constant current driver

1) The minimum and maximum voltage of LED fixture must be within the output voltage range of the constant current driver per channel.

2) The total wattage of LED fixture including 80% load*1 must not exceed the wattage capacity of the constant current driver.

Please contact us when you have any questions for selecting the constant current driver.

Please follow instructions for the power supply and confirm the operation environment conditions including temperature and humidity.

Specifications and price are subject to change without prior notification.

Example:	1) Voltage range		2) Power consumption	Connectable or not
C.C driver	Constant Current Region of driver		Rated power of driver	
LVV50 (@700mA)	21V	215V	150W	
	Min. and Max. voltage range of LED fixture Wattage (inc. 80% load)		Wattage (inc. 80% load)	
L300mm	✗ 12V	22V ✓	✓ 15W	✗
L600mm	✓ 25V	43V ✓	✓ 29W	✓
L1800mm	✓ 75V	130V ✓	✓ 88W	✓
L2700mm	✓ 112V	194V ✓	✓ 132W	✓
L3000mm	✓ 125V	216V ✗	✓ 147W	✗
L3300mm	✓ 137V	238V ✗	✗ 162W	✗

Min and Max voltage of LED fixture and power consumption at 1ch (1CCT LED)

Rated input current	350mA				500mA				700mA			
Fitting length per run (mm)	Min. Voltage	Max. Voltage	Power consumption (@Typ)	Power consumption (@Max)* 80% load	Min. Voltage	Max. Voltage	Power consumption (@Typ)	Power consumption (@Max)* 80% load	Min. Voltage	Max. Voltage	Power consumption (@Typ)	Power consumption (@Typ)* 80% load *1
300	6V	10V	3W	4W	6V	11V	4W	5W	6V	11V	6W	7W
600	12V	21V	6W	7W	12V	21V	8W	10W	12V	22V	12W	15W
900	18V	31V	9W	11W	18V	32V	12W	15W	19V	32V	18W	22W
1200	24V	42V	11W	14W	24V	42V	17W	21W	25V	43V	24W	29W
1500	30V	52V	14W	18W	31V	53V	21W	26W	31V	54V	29W	37W
1800	36V	63V	17W	21W	37V	64V	25W	31W	37V	65V	35W	44W
2100	42V	73V	20W	25W	43V	74V	29W	36W	44V	76V	41W	51W
2400	48V	84V	23W	28W	49V	85V	33W	41W	50V	86V	47W	59W
2700	54V	94V	26W	32W	55V	96V	37W	46W	56V	97V	53W	66W
3000	60V	104V	28W	35W	61V	106V	41W	52W	62V	108V	59W	74W
3300	66V	115V	31W	39W	67V	117V	45W	57W	69V	119V	65W	81W
3600	72V	125V	34W	43W	73V	127V	50W	62W	75V	130V	71W	88W
3900	78V	136V	37W	46W	80V	138V	54W	67W	81V	140V	76W	96W
4200	84V	146V	40W	50W	86V	149V	58W	72W	87V	151V	82W	103W
4500	90V	157V	43W	53W	92V	159V	62W	77W	94V	162V	88W	110W
4800	96V	167V	45W	57W	98V	170V	66W	83W	100V	173V	94W	118W
5100	102V	177V	48W	60W	104V	181V	70W	88W	106V	184V	100W	125W
5400	108V	188V	51W	64W	110V	191V	74W	93W	112V	194V	106W	132W
5700	114V	198V	54W	67W	116V	202V	78W	98W	119V	205V	112W	140W
6000	120V	209V	57W	71W	122V	212V	83W	103W	125V	216V	118W	147W
6300	126V	219V	60W	74W	129V	223V	87W	108W	131V	227V	123W	154W
6600	132V	230V	62W	78W	135V	234V	91W	113W	137V	238V	129W	162W
6900	138V	240V	65W	82W	141V	244V	95W	119W	144V	248V	135W	169W
7200	144V	251V	68W	85W	147V	255V	99W	124W	150V	259V	141W	176W
7500	150V	261V	71W	89W	153V	266V	103W	129W	156V	270V	147W	184W
7800	156V	271V	74W	92W	159V	276V	107W	134W	162V	281V	153W	191W
8100	162V	282V	77W	96W	165V	287V	111W	139W	168V	292V	159W	198W
8400	168V	292V	79W	99W	171V	297V	116W	144W	175V	302V	165W	206W
8700	174V	303V	82W	103W	177V	308V	120W	150W	181V	313V	171W	213W
9000	180V	313V	85W	106W	184V	319V	124W	155W	187V	324V	176W	221W
9300	186V	324V	88W	110W	190V	329V	128W	160W	193V	335V	182W	228W
9600	192V	334V	91W	113W	196V	340V	132W	165W	200V	346V	188W	235W
9900	198V	345V	94W	117W	202V	350V	136W	170W	206V	356V	194W	243W
10200	204V	355V	96W	120W	208V	361V	140W	175W	212V	367V	200W	250W
10500	210V	365V	99W	124W	214V	372V	144W	180W	218V	378V	206W	257W
10800	216V	376V	102W	128W	220V	382V	149W	186W	225V	389V	212W	265W
11100	222V	386V	105W	131W	226V	393V	153W	191W	231V	400V	218W	272W
11400	228V	397V	108W	135W	233V	404V	157W	196W	237V	410V	223W	279W
11700	234V	407V	111W	138W	239V	414V	161W	201W	243V	421V	229W	287W
12000	240V	418V	113W	142W	245V	425V	165W	206W	250V	432V	235W	294W
12300	246V	428V	116W	145W	251V	435V	169W	211W	256V	443V	241W	301W

*Please contact our sales if L22(2200K) LED is the one of CCTs of the LED fixture. The connectable length is shorer than above table.

Constant-current dimmable PSU

HVGC-*-B

Constant Current - Dimmable driver (AC input) - 1ch

Constant Current dimmable driver IP67

Meanwell

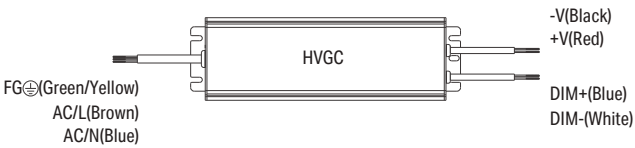


- Wide input range 180 - 528 VAC
- Constant current mode output
- Metal housing with class I design
- IP67 / IP65 design for indoor or outdoor installations
- Function options:
output adjustable via potentiometer; 3 in 1 dimming (dim-to-off); Timer dimming

More detail



Wiring Diagram



Twist shield cable is recommended to use as a signal cable.

Specification

Product name	Constant Current Mode LED Driver			
Model No.	for 700mA	HVGC-65-700B	HVGC-100-700B	HVGC-150-700B
	for 500mA	HVGC-65-500B	-	HVGC-150-500B
	for 350mA	HVGC-65-350B	HVGC-100-350B	HVGC-150-350B
Rated Power		65W	100W	150W
INPUT Voltage range		180~ 528VAC		
IP rate		IP67		
Dimming type		3 in 1 dimming function (0-10Vdc, 10V PWM signal and resistance)		
WORKING TEMP. (Tcase)		-40 - +80°C		
Size (mm) (L*W*H)		189 × 61.5 × 36.8	236 × 68 × 38.8	245 × 68 × 38.8
Weight (kg)		0.77	1.18	1.24

Connectable length of LVV per Constant-current dimmable PSU

Please make sure to connect LVV50 itself within the above range to the PSU.

HVGC series

Rated Current	Connectable length of LVV50	Constant-current dimmable PSU Model No.	Output - Constant current region
350mA	0.6 - 2.7m (L22:0.6 - 2.1m)	HVGC-65-350B	18 - 186V
	0.9 - 3.9m (L22:0.9 - 3.6m)	HVGC-100-350B	29 - 285V
	1.2 - 6.0m (L22:1.2 - 5.4m)	HVGC-150-350B	42 - 428V
500mA	0.6 - 1.8m (L22:0.3 - 1.5m)	HVGC-65-500B	13 - 130V
	0.9 - 4.2m (L22:0.9 - 3.6m)	HVGC-150-500B	30 - 300V
700mA	0.3 - 1.2m (L22:0.3 - 0.9m)	HVGC-65-700B	9 - 93V
	0.6 - 1.8m (L22:0.6 - 1.5m)	HVGC-100-700B	15 - 142V
	0.6 - 2.7m (L22:0.6 - 2.4m)	HVGC-150-700B	21 - 215V

Vivoxo Graze THOF®

Constant-current dimmable PSU

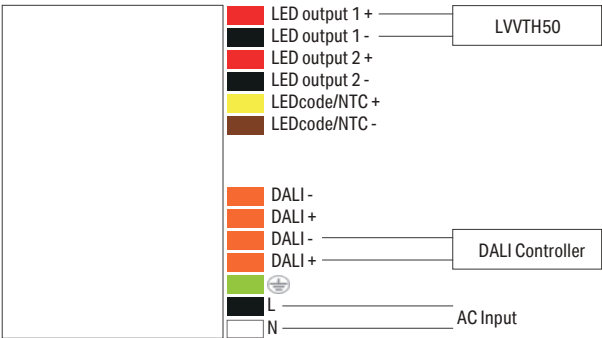
DL560A	Constant Current - Dimmable driver (AC input) - 2ch	Constant Current dimmable driver Indoor	ELDled
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- DALI-2, 2 control channels, constant current, 2x 55V output,
- Square metal/plastic, side feed



Wiring Diagram



Specification

Product name	Constant Current LED Driver 2ch		Require to preset mA, CCT, when you order
Model No.	for 700mA	DL0560A-700mA	
	for 500mA	DL0560A-500mA	
	for 350mA	DL0560A-350mA	
Rated Power	50W		
INPUT Voltage range	120 - 250V		
IP rate	-		
Dimming type	DALI-2, Dim to warm		
WORKING TEMP. (Tcase)	-20 - +50°C		
Size (mm) (L*W*H)	152.5 × 76.2 × 31.1		
Weight (kg)	0.3		

Connectable length of LVVTH per Constant-current dimmable PSU

Please make sure to connect LVVTH50 itself within the above range to the PSU.

DL0560A series

Rated Current	Connectable length of LVVTH50	Constant-current dimmable PSU Model No.	Output - Constant current region
350mA	0.3 - 1.5m	DL0560A-350mA	2 - 55V
500mA	0.3 - 1.5m	DL0560A-500mA	2 - 55V
700mA	0.3 - 1.5m	DL0560A-700mA	2 - 55V

Constant-current dimmable PSU

LCM-40TW

Constant Current - Dimmable driver (AC input) - 2ch

Constant Current dimmable driver Indoor

Meanwell

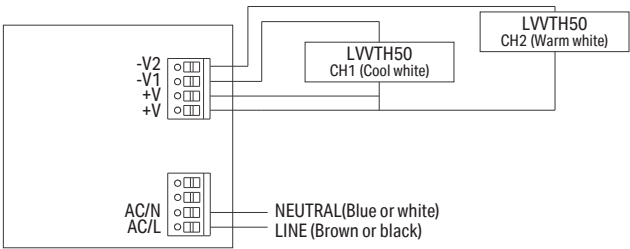


- DALI Device type 6 (DT6) and device 8 (DT8) available
- Constant power output with 2channel
- Plastic housing with class II and FPC design
- Minimu dimming level 0.2%
- Please referto instruction manual for dip switch setting

More detail



Wiring Diagram



Specification

Product name	Constant Current LED Driver 2ch	
Model No.	for 700mA	LCM-40TW (700mA)
Rated Power	40W	
INPUT Voltage range	180 - 277VAC	
IP rate	-	
Dimming type	DT6,DT8	
WORKING TEMP. (Tcase)	-30 - +85°C	
Size (mm) (L*W*H)	123.5 × 81.5 × 23	
Weight (kg)	0.24	

Current can be change
by dip switch

Connectable length of LVVTH per Constant-current dimmable PSU

Please make sure to connect LVVTH50 itself within the above range to the PSU.

LCM series

Rated Current	Connectable length of LVVTH50	Constant-current dimmable PSU Model No.	Output - Constant current region
700mA	0.9 - 1.2m	LCM40TW (700mA)	20 - 50V

Luci Vivoxy FLEX K IP67

LVFK-0

RENEWAL



Private residential, Singapore
Location: Singapore Distributor: LKH



LUMENS, Singapore
Location: Singapore Distributor: LKH

Application

Wall graze



DAIKIN ALES AOYA II
Location: Japan
Architect office: Takenaka Corporation Interior Design: ATELIER MANSARDE Construction: Takenaka Corporation
Photo: Yamagiwa Corporation

Canopy



Lotus's North Ratchapruk
Location: France
Architect office: Gensler Lighting Designer: Withlight Co., Ltd Distributor: Live Lighting Co., Ltd Photo: Depth of Field Studio

Luci Vivoxi FLEX K IP67

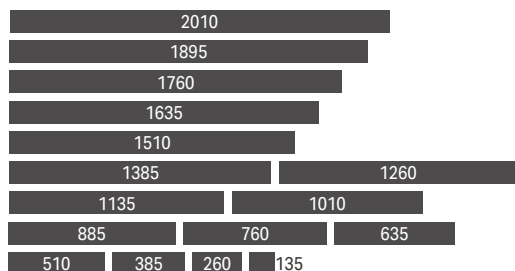
Flexible wall grazing light to beautifully accentuate the curved element with vertical and horizontal bending

Reduced unpleasant scalloping, applicable for a wide range of offset distances

Specifications

Dimensions

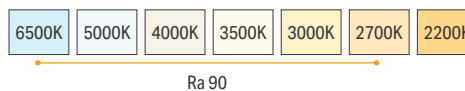
Cross section W27xH45 mm with mounting rail /parts
Custom length 135 to 2010 mm (125mm length increment)
15 types of fixed length with both sides or one side cable with IP67 connector



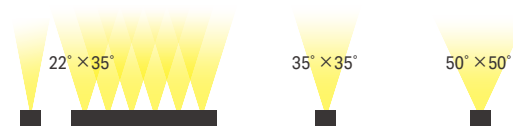
Electrical & Output @2700K, Optics SP2

Power Consumption (W/m)	8	16	24
Luminous flux (lm/m)	553	1075	1536
Luminaire efficacy (lm/W)	69.1	67.2	64.0

Color temperature

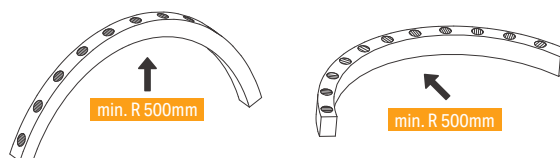


Optics



Min Bending radius

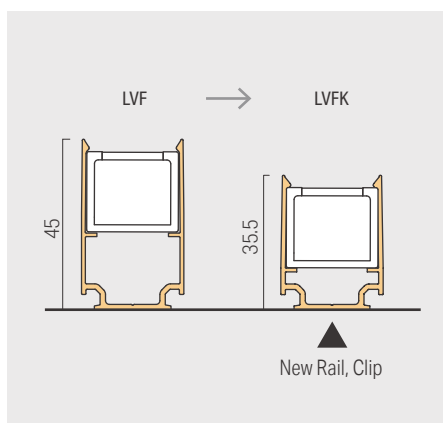
min. R 500mm with mounting parts in Top / Side bend
min. R 1000mm with bendable rail in Top bend



Features



New accessories with louver that correspond with curves

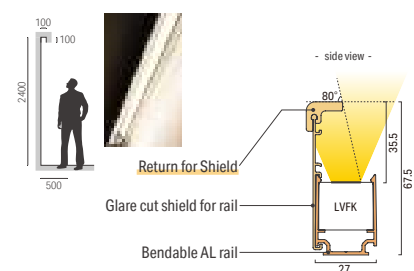


Upgraded to lower rail

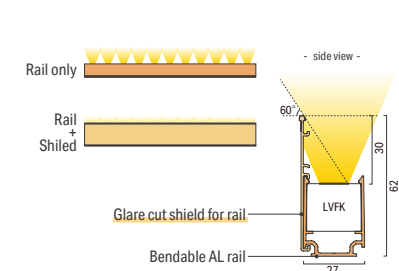


No scallop light on the wall, even with a small offset, thanks to diffused silicone

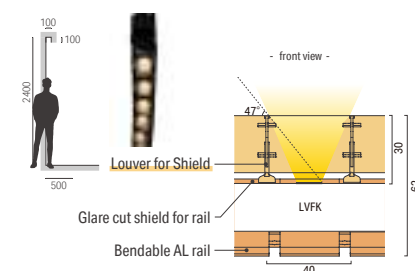
How to use shield, louver and return



For downward or upward installation, if the light source is easily visible from the diagonal perspective of pedestrians in a walkway, etc., glare can be minimized using not only glare cut shield but also silicone return. This newly added Return is removable and adhesive-installable at site.



The shield can hide lens scallops and hot spots when viewed from the front, creating smoother gradations.



The newly added individual louvers can hide the light source from view when viewing from the side and diagonally, such as in the hallway or lobby hall area, without compromising the brightness of each light.

- Wall grazing light for organic design
- Lower bendable rail and improved glare cut shield
- Individual louver can be added for glare cut from the side view



Model No.

LVFK40



Product Name / LED pitch	Length	Lead Wire	Light source color	Beam angle	Environment	Power consumption	Body color
LVFK40 : 40mm pitch	0125 1125 0250 1250 0375 1375 0500 1500 0625 1625 0750 1750 0875 1875 1000 2000	W : Both ends S : One end	D : 6500K N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L22 : 2200K	SP : 22°×35° 35 : 35° 50 : 50°	O : Outdoor	8 : 8W/m 16 : 16W/m 24 : 24W/m	B : Black W : White* * Need MOQ 10m

Specification

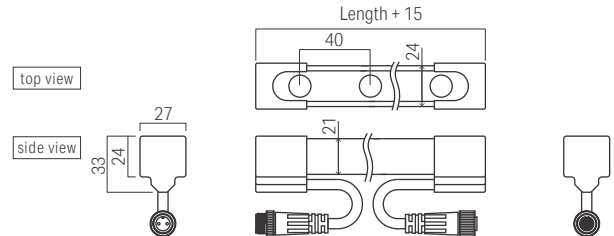
Wattage (Code)	8	16	24
Wattage (W/m)	8	16	24
Weight (g)	520	520	520
Luminaire efficacy (lm/W) @2700K	69.1	67.2	64.0
Lumen output			
Light source color (Code)	CRI	Luminaire flux (lm/m) @SP2	
D	6500K Ra 91	645	1255 1792
N	5000K Ra 94	630	1225 1750
W	4000K Ra 94	615	1195 1707
WW	3500K Ra 93	599	1165 1664
L30	3000K Ra 93	584	1135 1622
L27	2700K Ra 93	553	1075 1536
L22	2200K Ra 81	562	1093 1562
Length (Code)	Fitting length (mm)	Wattage (W)	
0125	135	1	2 3
0250	260	2	4 6
0375	385	3	6 9
0500	510	4	8 12
0625	635	5	10 15
0750	760	6	12 18
0875	885	7	14 21
1000	1010	8	16 24
1125	1135	9	18 27
1250	1260	10	20 30
1375	1385	11	22 33
1500	1510	12	24 36
1625	1635	13	26 39
1750	1760	14	28 42
1875	1885	15	30 45
2000	2010	16	32 48

General Specification

Input voltage	DC24V
LED beam angle	22°×35°, 35°, 50°
Environment	Indoor, Outdoor, IP67
Max. length per circuit	8W, 16W: 5m, 24W: 4.4m
Min. bending range	① Mounting rail + ③ Glare cut shield / Horizontal R1000mm ② Mounting parts / Horizontal, vertical R500mm
Material (body)	Silicone
Certification	CE
Dimmable	Yes (0-10V/1-10V, DMX, DALI, Casambi)

External dimensions

Both ends lead wire

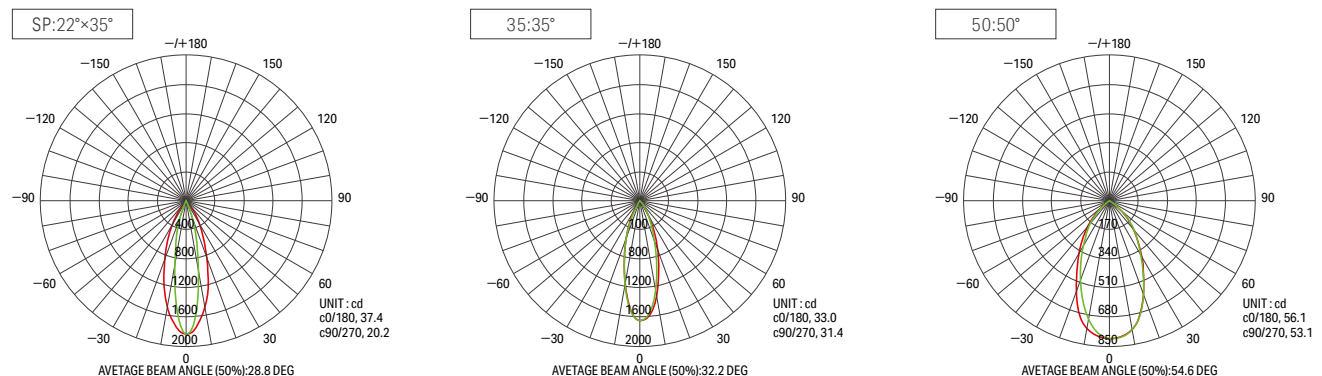


More detail

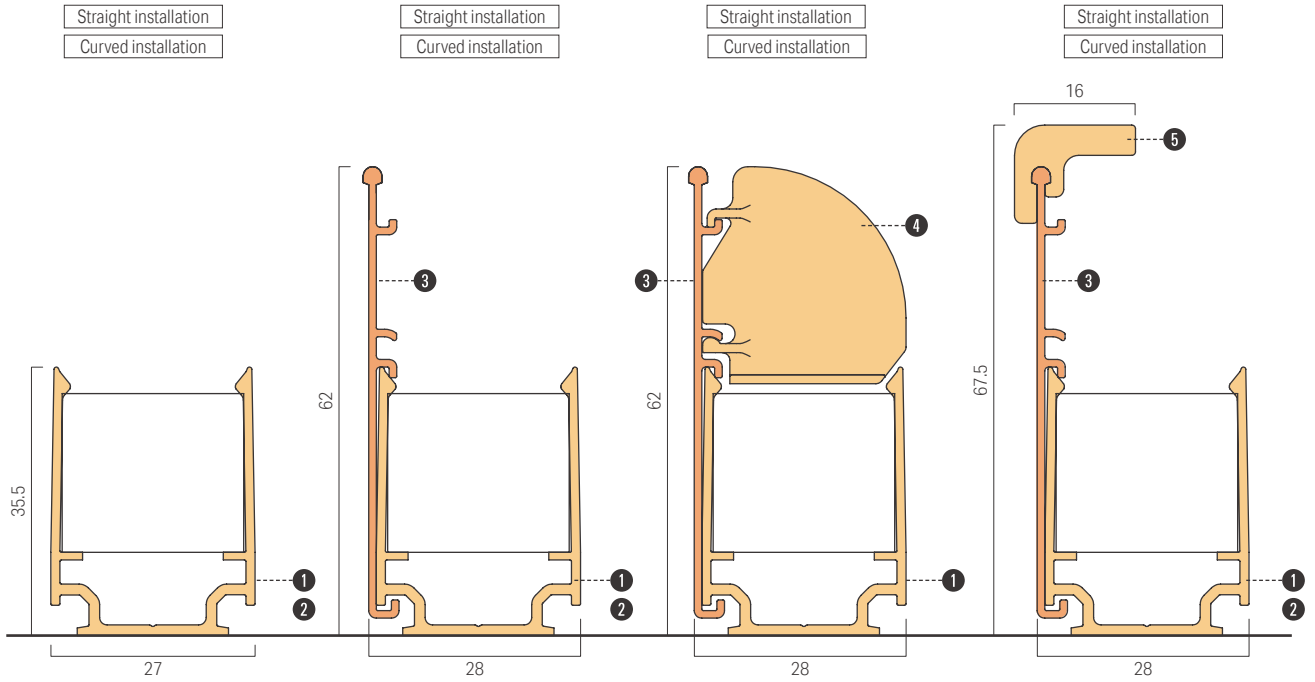


- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

Light distribution curve



Cross sectional view with accessories



Accessories

1 Bendable AL Low rail 1000 for LVF Renewal
 Model No : LVF-RL1000-AL-B-L (Black)
 LVF-RL1000-AL-W-L (White) Build to order
 Min. bending range 1000mm

2 Mounting Low parts for LVF Renewal
 Model No : LVF-RL0030-AL-B-L (Black)
 LVF-RL0030-AL-W-L (White) Build to order
 5 pcs / bag

3 Glare cut shield 1000 for LVF rail Renewal
 Model No : LVF-GS1000-B-L (Black)
 LVF-GS1000-W-L (White) Build to order
 Min. bending range 1000mm

4 Louver for LVF Shield New
 Model No : LVF-LV-B-L (Black)
 LVF-LV-W-L (White) Build to order
 25pcs / bag (1m)

5 Return for LVF Shield Renewal
 Model No : LVF-RT1000-B-L (Black)
 LVF-RT1000-W-L (White) Build to order

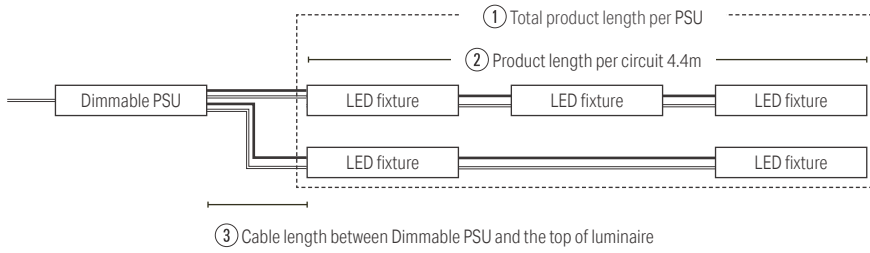
6 Adjustable SUS bracket for LVF rail
 Model No : LVF-PT-A
 5 pcs / bag

7 Power supply cable 10M for Vivoxy FLEX
 Model No : CAD-V010M-FQNN-O
 1 pc per circuit for connecting the LED fixture to power supply or dimmer driver.
 Connector cap (1 pc) is attached

8 Joint cable 1M for Vivoxy FLEX
 Model No : CAD-V1000-MQFQ-O
 Joint cable between two LED fixtures

Luci Vivoxy FLEX K IP67

System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refet to ▶
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232

Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refet to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

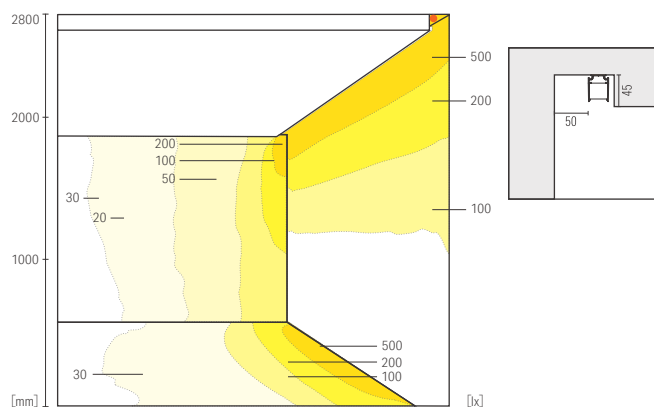
Dimmer & Dimmable PSU			PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
			DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
			* Split into multiple circuit						
LVFK40-**-*-O-8-*	8	5	15*	11.2*	17.5*	10.5*	7.8*	5.2*	3.5
LVFK40-**-*-O-16-*	16	5	7.5*	5.6*	8.7*	5.2*	3.9	2.6	1.7
LVFK40-**-*-O-24-*	24	4.4	5*	3.7	5.8*	3.5	2.6	1.7	1.1

Model No.	Wattage (W/m)	Cross section	0.3sq	0.5sq	0.75sq
		Wiregauge	AWG22	AWG20	AWG18
		② Max. length per circuit (m)	③ Max. cable length between PSU and the top of luminaire at ②	③ Max. cable length between PSU and the top of luminaire at ②	③ Max. cable length between PSU and the top of luminaire at ②
LVFK40-**-*-O-8-*	8	5	4	6.6	10.4
LVFK40-**-*-O-16-*	16	5	1.5	2.4	3.7
LVFK40-**-*-O-24-*	24	4.4	1.8	3.0	4.7

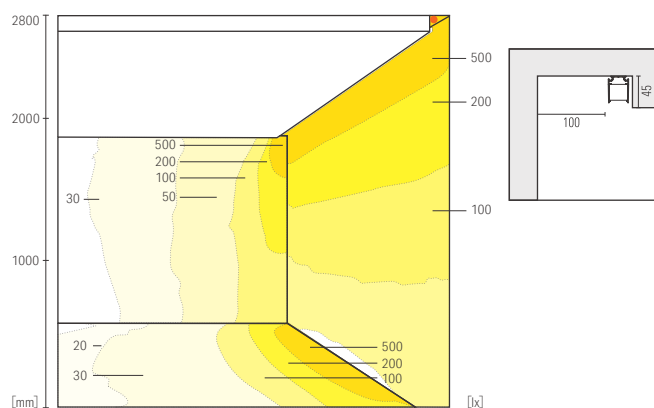
Illumination distributions reference

LVFK40-1000W-L27-SP-O-24-*

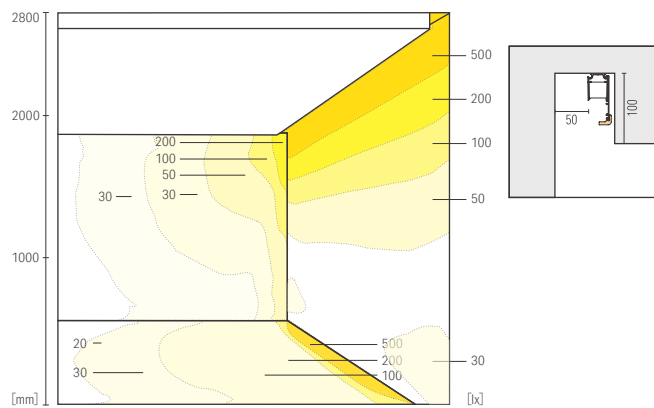
With rail
Distance from wall : 50mm



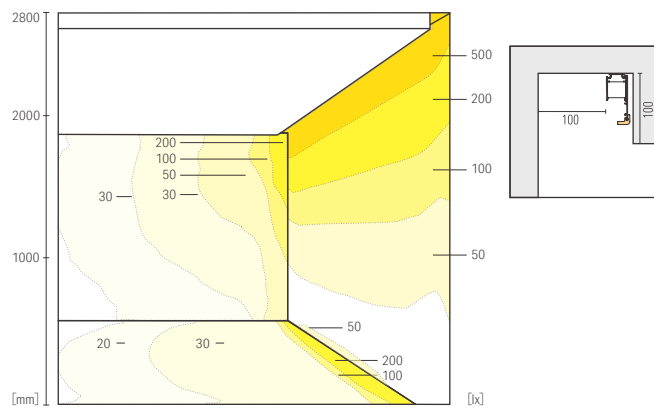
With rail
Distance from wall : 100mm



With rail + shield + return
Distance from wall : 50mm



With rail + shield + return
Distance from wall : 100mm



LFUY-I / LFUAY-I



TOKYO MIDTOWN HIBIYA
Location: Japan Architect office: NOMURA Co., Ltd. Lighting design: Noosa Design Co., Ltd. Construction: KAJIMA CORPORATION Photo: Nacasa & Partners Inc.



Okayama Central Hospital
Location: Japan Architect office: Yu Architectural Design Co., Ltd. Construction: OHMOTO GUMI CO., LTD Photo: International Photo Okayama Co., Ltd.

Application

Ceiling cove



Residence
Location: Japan Architect office, Lighting design, Construction: Simplex Realty

Counter



MARK by The Work Project
Location: Singapore Architect office: Hassell Construction: Ngai Chin Construction Pte Ltd

Luci SHIN UQ FLEX Indoor / Luci SHIN UQ FLEX α Indoor

Homogenous bendable linear light cuttable every 50mm at site

Ideal choice to avoid unpleasant dot reflection
for any curved concealed lighting

LFUY: Vertical (Top) bend

LFUAY: Horizontal (Side) bend

Specifications

Dimensions

Cross section W 16 x H 15 mm
Custom order up to 5m at every 50 mm length with both ends or one end feed cable
Up to 5 m in 50 mm increment

Feed cables are available in two directions: side or back feed

Cuttable the LED fixture every 50mm at site. If a luminaire with a both-side feed cable is cut, the left and right sides of the luminaire can be used separately, acting as a one-sided feed fixture.

Electrical & Output @2700K

Model		6	10	15	20
LFUY	Power Consumption (W/m)	6.4	10.8	15.9	20.7
	Luminous flux (lm/m)	629	1047	1538	1936
	Luminaire efficacy (lm/W)	98.5	96.6	96.8	93.7
LFUAY	Power Consumption (W/m)	6.4	10.8	15.9	20.7
	Luminous flux (lm/m)	477	794	1198	1460
	Luminaire efficacy (lm/W)	74.6	73.3	75.4	70.6

Cable feed directions

Back feed

For cove/recessed light
in various cable outgoing directions

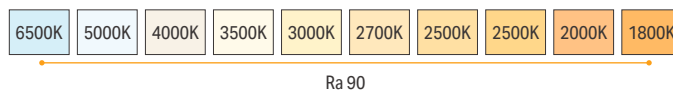


Side(Right) feed

For indirect cove

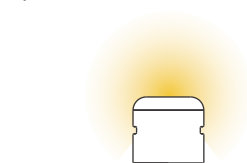


Color temperature



Please refer to the product specification page for the delivered CCT.

Optics 9



- Unique rounded corner light emitting surface for wide light distribution and less unpleasant peaks on the illuminated surface
- Cross-sectional size is the same for LFUY-I and LFUAY-I

Min Bending radius



Features

LFUY-I: The Brightest Dotless Solution



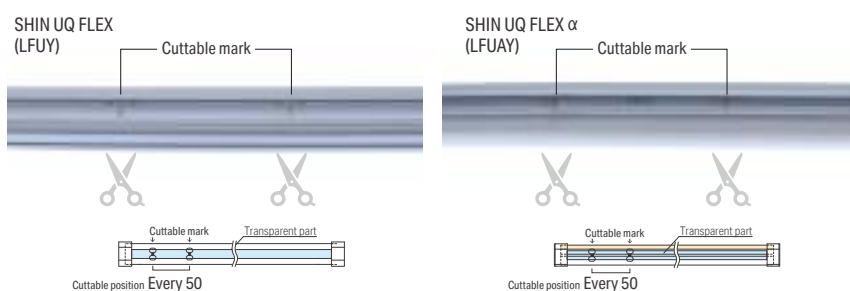
Delivers exceptional brightness with up to 20W/m and 2000 lumens. Perfect for shopping mall cove and retail apparel shop coves where basic lights are bright.

Customizable light fixture Cutting



UQ FLEX has indoor-compatible versions that can be easily cut on-site to fit precise requirements. This flexibility ensures the product is not over-specified, offering a tailored solution for diverse indoor applications.

How to Cut the Luminaire



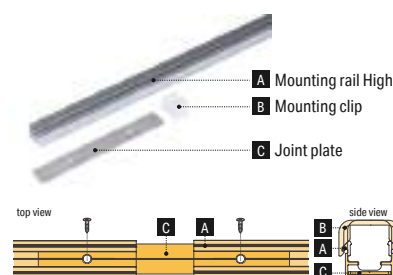
Luci luminaires are customizable and can be cut on-site at 50mm intervals, allowing for precise adjustments to meet specific project requirements. In the event of a failure in a luminaire with a dual-side feed cable, the left and right sides can function independently. This allows the luminaire to operate as if it were a single-side feed, ensuring continued functionality and minimizing disruption."

High Efficiency

Power consumption (W/m)	6.4	10.8	15.9	20.7
Luminaire efficacy @2700K (lm/W)	98.5	96.6	96.8	93.7

Utilizes high-efficiency LEDs and a specially designed milky silicone tube to achieve a high efficiency of 98.5 lm/W, even with side bends.

For Straight-Line Installation:



A joint plate for rails ensures proper alignment and maintains a straight line. It accommodates lengthwise expansion and contraction seamlessly. Two 1-meter rails can be used to support a 2-meter luminaire effectively.

Luci SHIN UQ FLEX Indoor

LFUY-I SHIN series

Color management
MacAdam 3 step



L90>B10
60K

- Top bend dot-free flexible light, cuttable every 50mm at site
- Updated with low wattage high lumen LED series
- Available 4 different wattage variations
- Indoor usage only, custom length max.5m per roll, connectable 5m per circuit



Model No.

LFUY

- T□□□□ -

□

□

□

- DF -

- I -

□

Product Name	Length	Lead wire	Lead wire	Light source color	Tube type	Environment	Wattage
LFUY	Custom order length	W : Both ends S : One end	B : Back feed R : Side(Right) feed	D : 6500K N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L25 : 2500K L22 : 2200K L20 : 2000K L18 : 1800K	DF : Diffuser	I : Indoor	6 : 6.4 W/m 10 : 10.8 W/m 15 : 15.9 W/m 20 : 20.7 W/m

Specification

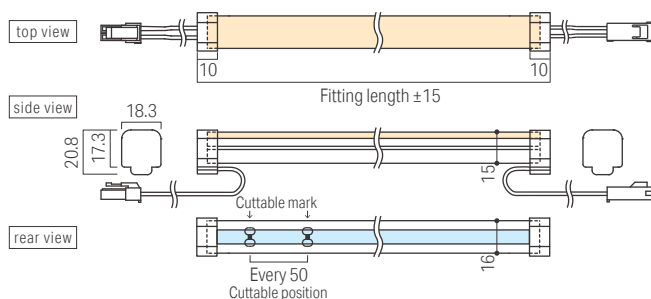
Wattage (Code)				6	10	15	20
Wattage				6.4	10.8	15.9	20.7
Luminaire efficacy (2700K)				98.5	96.6	96.8	93.7
Lumen output							
Light source color(Code)							
		Delivered CCT	CRI	Luminaire flux (lm/m)			
D	6500K	5700K	Ra 96	711	1183	1738	2188
N	5000K	4500K	Ra 93	705	1172	1722	2169
W	4000K	3600K	Ra 97	692	1151	1691	2130
WW	3500K	3200K	Ra 97	686	1141	1676	2111
L30	3000K	2800K	Ra 95	667	1110	1630	2053
L27	2700K	2500K	Ra 94	629	1047	1538	1936
L25	2500K	2300K	Ra 94	466	775	1138	1433
L22	2200K	2000K	Ra 93	434	722	1061	1336
L20	2000K	1900K	Ra 91	397	659	969	1220
L18	1800K	1700K	Ra 90	384	639	938	1181

General Specification

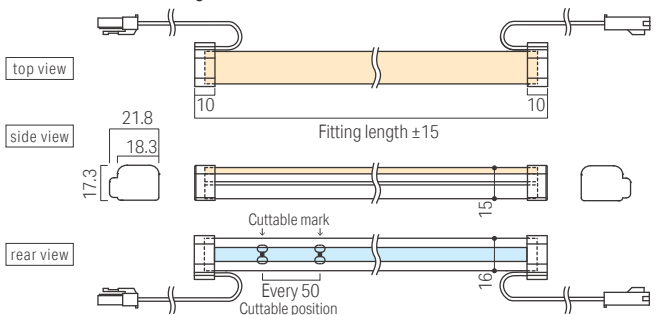
Input voltage	DC24V	Min. bending range	R150mm
Environment	Indoor (no condensation)	Material	Silicone
Max. fixture length	5m	Certification	CE
Max. length Per circuit	5m	Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi)

External dimensions

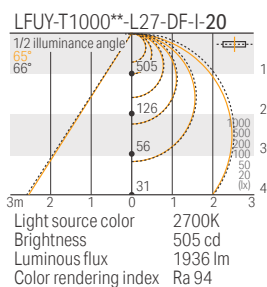
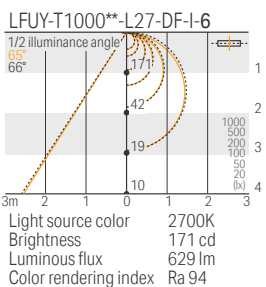
Both ends lead, Back feed



Both ends lead, Side(Right) feed



Light distribution curve



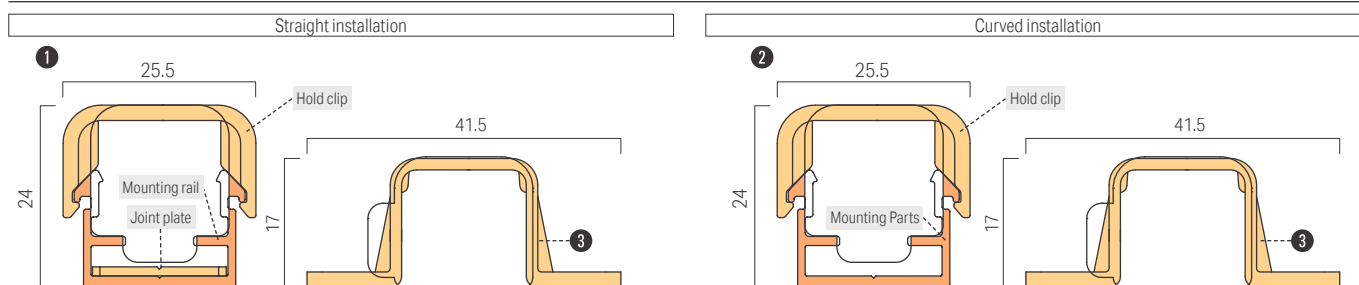
More detail



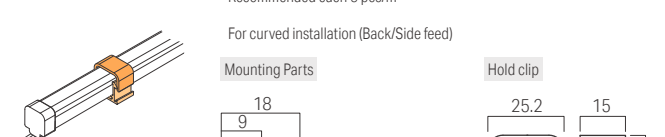
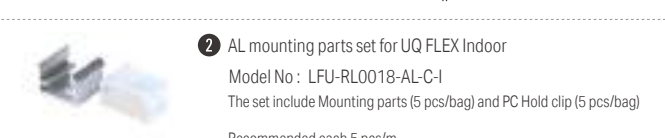
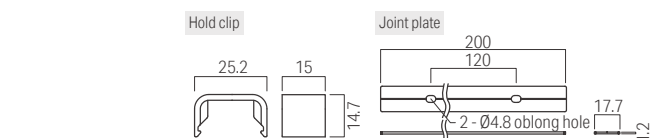
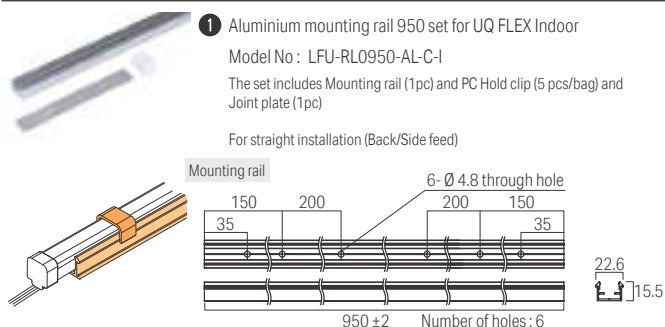
- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

Luci SHIN UQ FLEX Indoor

Cross sectional view with accessories



Accessories



Custom order length

Corresponds to Length of Model No. and External dimensions							
	Fitting length (mm)				Fitting length (mm)		
	Lead wire				Lead wire		
Length	WR/WB	SR	SB	Length	WR/WB	SR	SB
0050	58	57.5	57	2550	2558	2557.5	2557
0100	108	107.5	107	2600	2608	2607.5	2607
0150	158	157.5	157	2650	2658	2657.5	2657
0200	208	207.5	207	2700	2708	2707.5	2707
0250	258	257.5	257	2750	2758	2757.5	2757
0300	308	307.5	307	2800	2808	2807.5	2807
0350	358	357.5	357	2850	2858	2857.5	2857
0400	408	407.5	407	2900	2908	2907.5	2907
0450	458	457.5	457	2950	2958	2957.5	2957
0500	508	507.5	507	3000	3008	3007.5	3007
0550	558	557.5	557	3050	3058	3057.5	3057
0600	608	607.5	607	3100	3108	3107.5	3107
0650	658	657.5	657	3150	3158	3157.5	3157
0700	708	707.5	707	3200	3208	3207.5	3207
0750	758	757.5	757	3250	3258	3257.5	3257
0800	808	807.5	807	3300	3308	3307.5	3307
0850	858	857.5	857	3350	3358	3357.5	3357
0900	908	907.5	907	3400	3408	3407.5	3407
0950	958	957.5	957	3450	3458	3457.5	3457
1000	1008	1007.5	1007	3500	3508	3507.5	3507
1050	1058	1057.5	1057	3550	3558	3557.5	3557
1100	1108	1107.5	1107	3600	3608	3607.5	3607
1150	1158	1157.5	1157	3650	3658	3657.5	3657
1200	1208	1207.5	1207	3700	3708	3707.5	3707
1250	1258	1257.5	1257	3750	3758	3757.5	3757
1300	1308	1307.5	1307	3800	3808	3807.5	3807
1350	1358	1357.5	1357	3850	3858	3857.5	3857
1400	1408	1407.5	1407	3900	3908	3907.5	3907
1450	1458	1457.5	1457	3950	3958	3957.5	3957
1500	1508	1507.5	1507	4000	4008	4007.5	4007
1550	1558	1557.5	1557	4050	4058	4057.5	4057
1600	1608	1607.5	1607	4100	4108	4107.5	4107
1650	1658	1657.5	1657	4150	4158	4157.5	4157
1700	1708	1707.5	1707	4200	4208	4207.5	4207
1750	1758	1757.5	1757	4250	4258	4257.5	4257
1800	1808	1807.5	1807	4300	4308	4307.5	4307
1850	1858	1857.5	1857	4350	4358	4357.5	4357
1900	1908	1907.5	1907	4400	4408	4407.5	4407
1950	1958	1957.5	1957	4450	4458	4457.5	4457
2000	2008	2007.5	2007	4500	4508	4507.5	4507
2050	2058	2057.5	2057	4550	4558	4557.5	4557
2100	2108	2107.5	2107	4600	4608	4607.5	4607
2150	2158	2157.5	2157	4650	4658	4657.5	4657
2200	2208	2207.5	2207	4700	4708	4707.5	4707
2250	2258	2257.5	2257	4750	4758	4757.5	4757
2300	2308	2307.5	2307	4800	4808	4807.5	4807
2350	2358	2357.5	2357	4850	4858	4857.5	4857
2400	2408	2407.5	2407	4900	4908	4907.5	4907
2450	2458	2457.5	2457	4950	4958	4957.5	4957
2500	2508	2507.5	2507	5000	5008	5007.5	5007

LFUY-I
SHIN UQ FLEX IndoorLFUAY-I
SHIN UQ FLEX IndoorLFUY-O
SHIN UQ FLEX IndoorLFUAY-O
SHIN UQ FLEX IndoorLFUMAY-I
SHIN UQ FLEX mini IndoorLFUMAY-O
SHIN UQ FLEX mini IndoorLFUS-O
UQ FLEX SAUNA

Luci SHIN UQ FLEX α Indoor

LFUAY-I SHIN series

Color management
MacAdam 3 step



L90>B10
60K

- Side bend dot-free flexible light, cuttable every 50mm at site
- Updated with low wattage high lumen LED series
- Available 4 different wattage variations
- Indoor usage only, custom length max.5m per roll, connectable 5m per circuit



Model No.

LFUAY - T□□□□ - □□□□ - DF - I - □

Product Name	Length	Lead wire	Lead wire	Light source color	Tube type	Environment	Wattage
LFUAY	Custom order length	W : Both ends S : One ends	B : Back feed R : Side(Right) feed	D : 6500K N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L25 : 2500K L22 : 2200K L20 : 2000K L18 : 1800K	DF : Diffuser	I : Indoor	6 : 6.4 W/m 10 : 10.8 W/m 15 : 15.9 W/m 20 : 20.7 W/m

Specification

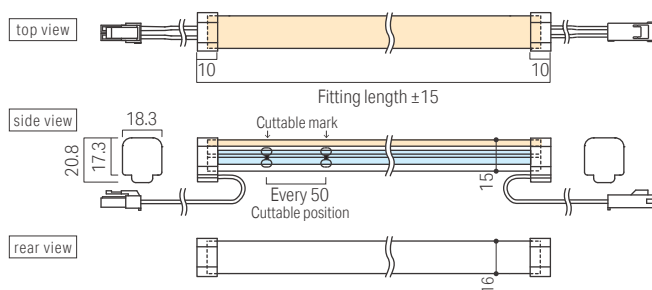
Wattage (Code)				6	10	15	20
Wattage				6.4	10.8	15.9	20.7
Luminaire efficacy (2700K)				74.6	73.3	75.4	70.6
Lumen output							
Light source color(Code)				Luminaire flux (lm/m)			
		Delivered CCT	CRI				
D	6500K	5700K	Ra 96	539	898	1353	1649
N	5000K	4500K	Ra 93	534	890	1341	1635
W	4000K	3600K	Ra 97	524	874	1318	1605
WW	3500K	3200K	Ra 97	520	866	1306	1591
L30	3000K	2800K	Ra 95	505	842	1270	1547
L27	2700K	2500K	Ra 94	477	794	1198	1460
L25	2500K	2300K	Ra 94	353	588	886	1080
L22	2200K	2000K	Ra 93	329	548	826	1007
L20	2000K	1900K	Ra 91	300	500	755	920
L18	1800K	1700K	Ra 90	291	485	731	890

General Specification

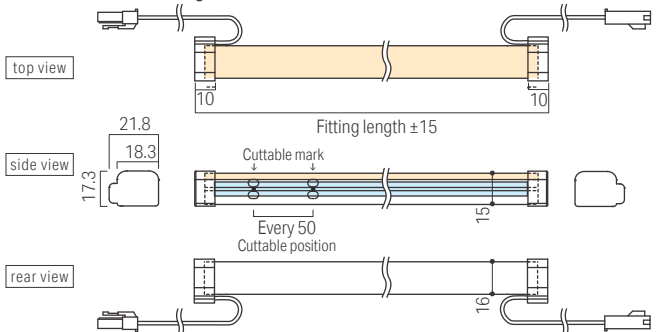
Input voltage	DC24V	Min. bending range	R150mm
Environment	Indoor (no condensation)	Material	Silicone
Max. fixture length	5m	Certification	CE
Max. length Per circuit	5m	Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi)

External dimensions

Both ends lead, Back feed

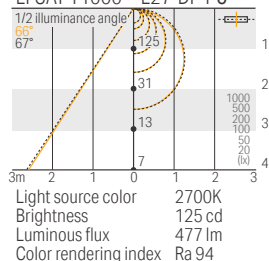


Both ends lead, Side(Right) feed

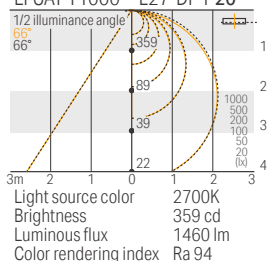


Light distribution curve

LFUAY-T1000**-L27-DF-I-6



LFUAY-T1000**-L27-DF-I-20

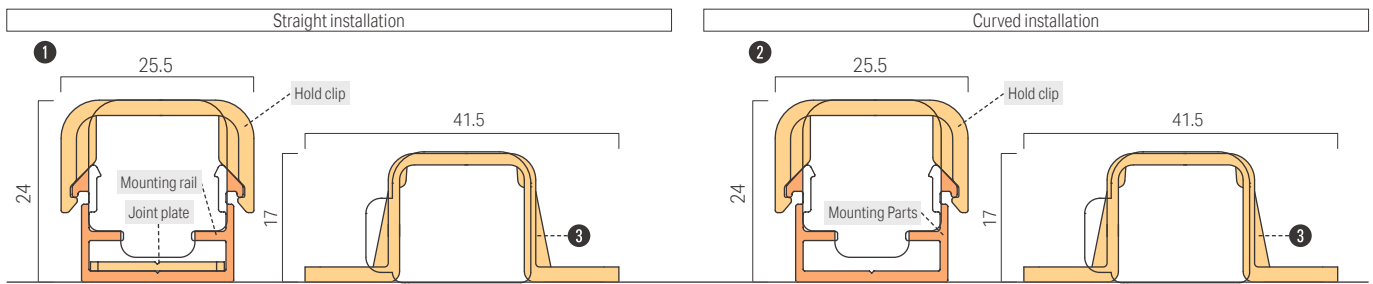


More detail

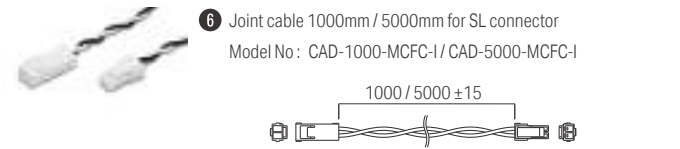
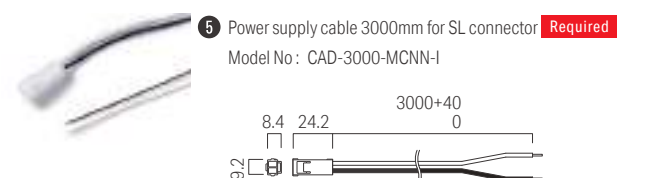
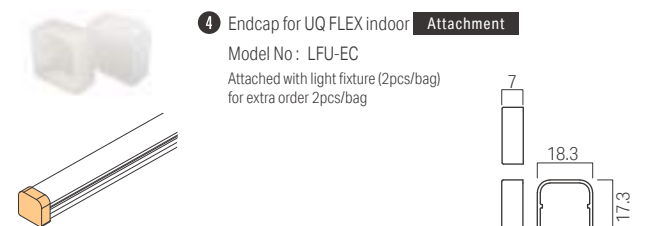
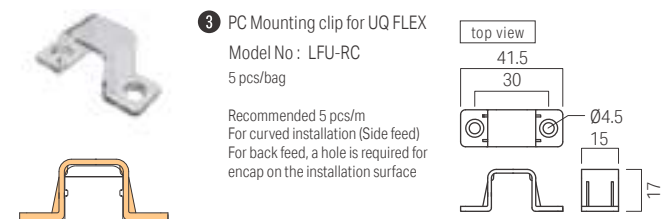
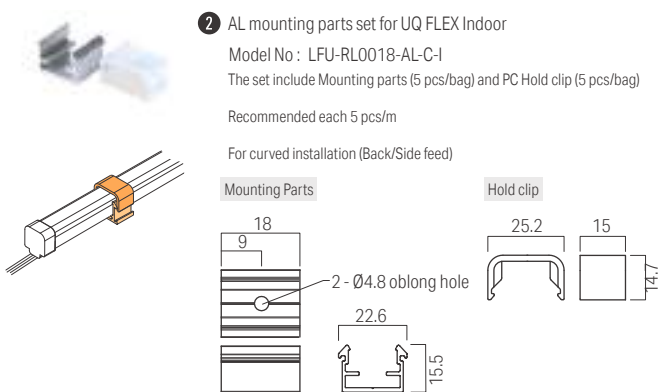
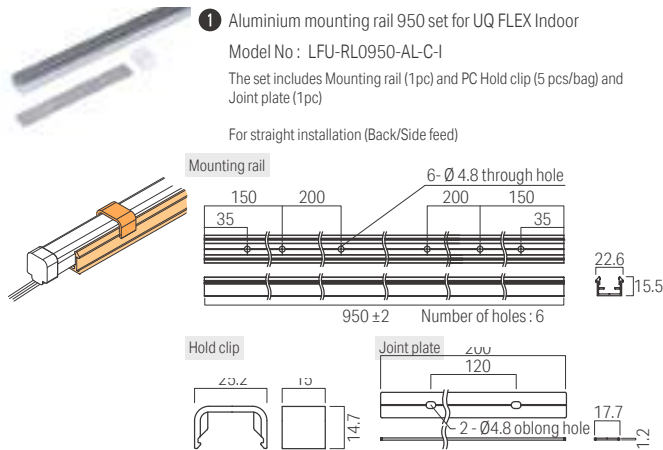


- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

Cross sectional view with accessories



Accessories



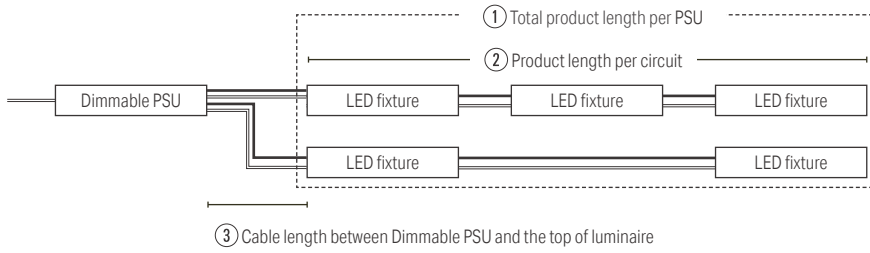
Custom order length

Corresponds to **Length** of Model No. and External dimensions

	Fitting length (mm)				Fitting length (mm)		
	Lead wire				Lead wire		
Length	WR/WB	SR	SB	Length	WR/WB	SR	SB
0050	58	57.5	57	2550	2558	2557.5	2557
0100	108	107.5	107	2600	2608	2607.5	2607
0150	158	157.5	157	2650	2658	2657.5	2657
0200	208	207.5	207	2700	2708	2707.5	2707
0250	258	257.5	257	2750	2758	2757.5	2757
0300	308	307.5	307	2800	2808	2807.5	2807
0350	358	357.5	357	2850	2858	2857.5	2857
0400	408	407.5	407	2900	2908	2907.5	2907
0450	458	457.5	457	2950	2958	2957.5	2957
0500	508	507.5	507	3000	3008	3007.5	3007
0550	558	557.5	557	3050	3058	3057.5	3057
0600	608	607.5	607	3100	3108	3107.5	3107
0650	658	657.5	657	3150	3158	3157.5	3157
0700	708	707.5	707	3200	3208	3207.5	3207
0750	758	757.5	757	3250	3258	3257.5	3257
0800	808	807.5	807	3300	3308	3307.5	3307
0850	858	857.5	857	3350	3358	3357.5	3357
0900	908	907.5	907	3400	3408	3407.5	3407
0950	958	957.5	957	3450	3458	3457.5	3457
1000	1008	1007.5	1007	3500	3508	3507.5	3507
1050	1058	1057.5	1057	3550	3558	3557.5	3557
1100	1108	1107.5	1107	3600	3608	3607.5	3607
1150	1158	1157.5	1157	3650	3658	3657.5	3657
1200	1208	1207.5	1207	3700	3708	3707.5	3707
1250	1258	1257.5	1257	3750	3758	3757.5	3757
1300	1308	1307.5	1307	3800	3808	3807.5	3807
1350	1358	1357.5	1357	3850	3858	3857.5	3857
1400	1408	1407.5	1407	3900	3908	3907.5	3907
1450	1458	1457.5	1457	3950	3958	3957.5	3957
1500	1508	1507.5	1507	4000	4008	4007.5	4007
1550	1558	1557.5	1557	4050	4058	4057.5	4057
1600	1608	1607.5	1607	4100	4108	4107.5	4107
1650	1658	1657.5	1657	4150	4158	4157.5	4157
1700	1708	1707.5	1707	4200	4208	4207.5	4207
1750	1758	1757.5	1757	4250	4258	4257.5	4257
1800	1808	1807.5	1807	4300	4308	4307.5	4307
1850	1858	1857.5	1857	4350	4358	4357.5	4357
1900	1908	1907.5	1907	4400	4408	4407.5	4407
1950	1958	1957.5	1957	4450	4458	4457.5	4457
2000	2008	2007.5	2007	4500	4508	4507.5	4507
2050	2058	2057.5	2057	4550	4558	4557.5	4557
2100	2108	2107.5	2107	4600	4608	4607.5	4607
2150	2158	2157.5	2157	4650	4658	4657.5	4657
2200	2208	2207.5	2207	4700	4708	4707.5	4707
2250	2258	2257.5	2257	4750	4758	4757.5	4757
2300	2308	2307.5	2307	4800	4808	4807.5	4807
2350	2358	2357.5	2357	4850	4858	4857.5	4857
2400	2408	2407.5	2407	4900	4908	4907.5	4907
2450	2458	2457.5	2457	4950	4958	4957.5	4957
2500	2508	2507.5	2507	5000	5008	5007.5	5007

Luci SHIN UQ FLEX Indoor / Luci SHIN UQ FLEX α Indoor

System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refer to ▶
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232

Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refer to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU			PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
			DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
			* Split into multiple circuit						
LFUY/LFUAY-T**-DF-I-6	6.4	5	18.7*	14*	21.8*	13.1*	9.8*	6.5*	4.3
LFUY/LFUAY-T**-DF-I-10	10.8	5	11.1*	8.3*	12.9*	7.7*	5.8*	3.8	2.5
LFUY/LFUAY-T**-DF-I-15	15.9	5	7.5*	5.6*	8.8*	5.2*	3.9	2.6	1.7
LFUY/LFUAY-T**-DF-I-20	20.7	5	5.7*	4.3	6.7*	4	3	2	1.3

Model No.	Wattage (W/m)	Cross section	0.3sq	0.5sq	0.75sq
		Wiregauge	AWG22	AWG20	AWG18
		② Max. length per circuit (m)	③ Max. cable length between PSU and the top of luminaire at ② Max. length per circuit (m)		
LFUY/LFUAY-T**-DF-I-6	6.4	5	5.1	8.2	12.9
LFUY/LFUAY-T**-DF-I-10	10.8	5	3	4.9	7.6
LFUY/LFUAY-T**-DF-I-15	15.9	5	2	3.3	5.2
LFUY/LFUAY-T**-DF-I-20	20.7	5	2	3.3	5.2

Luci SHIN UQ FLEX Indoor / Luci SHIN UQ FLEX α Indoor

LFUY-I
SHIN UQ FLEX Indoor

LFUAY-I
SHIN UQ FLEX α Indoor

LFUY-O
SHIN UQ FLEX IP67

LFUAY-O
SHIN UQ FLEX α IP67

LFUMAY-I
SHIN UQ FLEX α mini Indoor

LFUMAY-O
SHIN UQ FLEX α mini IP67

LFUS-O
UQ FLEX SAUNA

Luci SHIN UQ FLEX IP67 / Luci SHIN UQ FLEX α IP67

LFUY-0 / LFUAY-0 **SHIN** series



National Art Gallery
Location: Singapore Architect office: Studio Milou Singapore, CPG Corporation Pte Ltd Lighting design, Photo: Lighting Planners Associates

Application

Canopy



CONRAD SEOUL
Location: Korea Architect office: ALTO

Cornice



MCM ginza HAUS 1
Location: Japan Architect: Office Hiyoshizaka Photograph: DAICIANO

Contour



Image

SHIN UQ FLEX IP67 / Luci SHIN UQ FLEX α IP67

Available 4 different wattage variations
IP67, max custom length 2m for outdoor usage, up to 10m per circuit
LFUY-O: Top bend dot-free flexible strip
LFUAY-O: Side bend dot-free flexible strip

Specifications

Dimensions

Cross section W 16 x H 15 mm
Custom order Up to 2m at every 50 mm length with both ends or one end feed cable
Up to 2 m in 50 mm increment

Feed cables are available in three directions: straight, side or back.
Do not allow to cut the light fixture and cable at site.

Electrical & Output @2700K

Model					
LFUY-O	Power Consumption (W/m)	5.9	9.9	14.9	19.8
	Luminous flux (lm/m)	475	784	1155	1489
	Luminaire efficacy (lm/W)	81	79	78	75
LFUAY-O	Power Consumption (W/m)	5.9	9.9	14.9	19.8
	Luminous flux (lm/m)	378	636	930	1212
	Luminaire efficacy (lm/W)	64	64	62	61

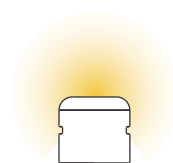
Color temperature



Ra 90

Please refer to the product specification page for the delivered CCT.

Optics



- Unique rounded corner light emitting surface for wide light distribution for less unpleasant peaks on the illuminated surface
- Cross-sectional size common to LFUY-O and LFUAY-O

Min Bending radius



Cable feed directions

Back feed

For direct view
Required a hole/depth for cable on installation surface.

Side(Right) feed

For indirect cove

Straight feed



Features

Distance from Power Supply

In case of 5.9 W/m

Cable 0.75sq
53m

PSU	LFUAY-O 2000mm	LFUAY-O 2000mm	LFUAY-O 2000mm	LFUAY-O 2000mm	LFUAY-O 2000mm

Up to 10m

Enables a greater distance between the power supply and the luminaire, ensuring flexibility in installation.
Incorporates an Constant current Circuit board to minimize voltage drop, enhancing performance and maintaining consistent brightness.
While it's challenging to visually demonstrate the minimal voltage drop during presentations, a brightness comparison under conditions with and without voltage drop would be highly beneficial for showcasing the advantage.

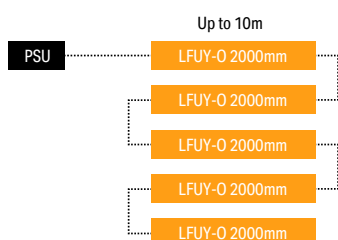
High Efficiency

SHIN UQ FLEX (LFUY)

Power consumption (W/m)	5.9	9.9	14.9	19.8
Luminaire efficacy @2700K (lm/W)	79.9	79.2	77.8	75.2

Utilizes high-efficiency LEDs and a specially designed milky silicone tube to achieve a high efficiency of 75.4 lm/W, even with side bends.

Max. connection per circuit



Supporting up to 10m of connection in series, and max length for fixture is 2m.

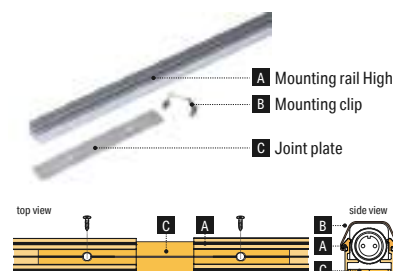
Energy Customization

SHIN UQ FLEX (LFUY)

Power consumption (W/m)	5.9	9.9	14.9	19.8

It offers multiple power consumption options starting from 5.9W/m, allowing you to select the most energy-efficient choice for your green certificate building projects.

For Straight-Line Installation:



A joint plate for rails ensures proper alignment and maintains a straight line. It accommodates lengthwise expansion and contraction seamlessly. Two 1-meter rails can be used to support a 2-meter luminaire effectively.

Luci SHIN UQ FLEX IP67

LFUY-O SHIN series

Color management
MacAdam 3 step



L90>B10
60K

- Updated with low wattage high lumen LED series
- Available 4 different wattage variations
- Top bend dot-free flexible strip
- IP67, max custom length 2m for outdoor usage, connectable up to 7.5m (19.8W/m), 10m (Others)

Model No.

LFUY	-	T	-		-		-		-	DF	-	O	-	
Product Name	-	Length	-	Lead wire	-	Lead wire	-	Light source color	-	Tube type	-	Environment	-	Wattage
LFUY	-	Custom order length	-	W : Both ends S : One ends	-	B : Back feed R : Side(Right) feed S : Straight	-	D : 6500K N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L25 : 2500K L22 : 2200K L20 : 2000K L18 : 1800K	-	DF : Diffuser	-	O : Outdoor	-	5 : 5.9 W/m 9 : 9.9 W/m 14 : 14.9 W/m 19 : 19.8 W/m

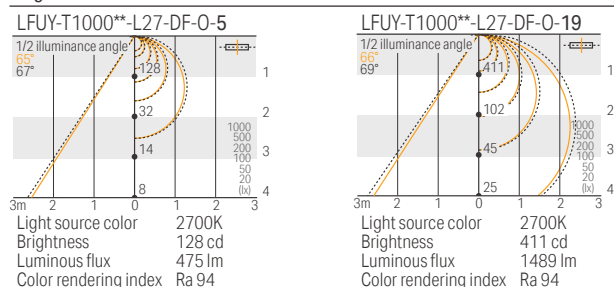
Specification

Wattage (Code)	5	9	14	19
Wattage (W/m)	5.9	9.9	14.9	19.8
Luminaire efficacy (lm/W) @2700K	79.9	79.2	77.8	75.2
Lumen output				
Light source color (Code)				
	Delivered CCT	CRI	Luminaire flux (lm/m)	
D 6500K	5700K	Ra 96	536	1683
N 5000K	4500K	Ra 93	532	1668
W 4000K	3600K	Ra 97	522	1638
WW 3500K	3200K	Ra 97	517	1623
L30 3000K	2800K	Ra 95	503	1578
L27 2700K	2500K	Ra 94	475	1489
L25 2500K	2300K	Ra 94	351	1102
L22 2200K	2000K	Ra 93	328	1027
L20 2000K	1900K	Ra 91	299	938
L18 1800K	1700K	Ra 91	290	906

General Specification

Input voltage	DC24V
Environment	Outdoor IP67, Indoor
Max. fixture length	2m
Max. length Per circuit	7.5m (19.8W/m), 10m (Others)
Min. bending range	R150mm
Material	Silicone
Certification	CE
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi)

Light distribution curve



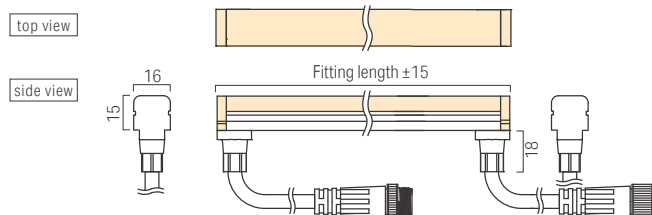
More detail



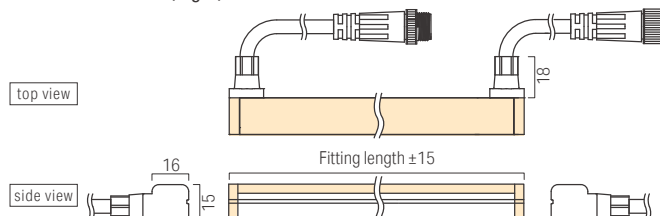
- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

External dimensions

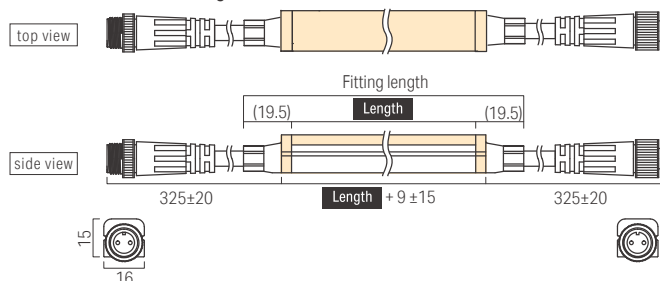
Both ends lead, Back feed



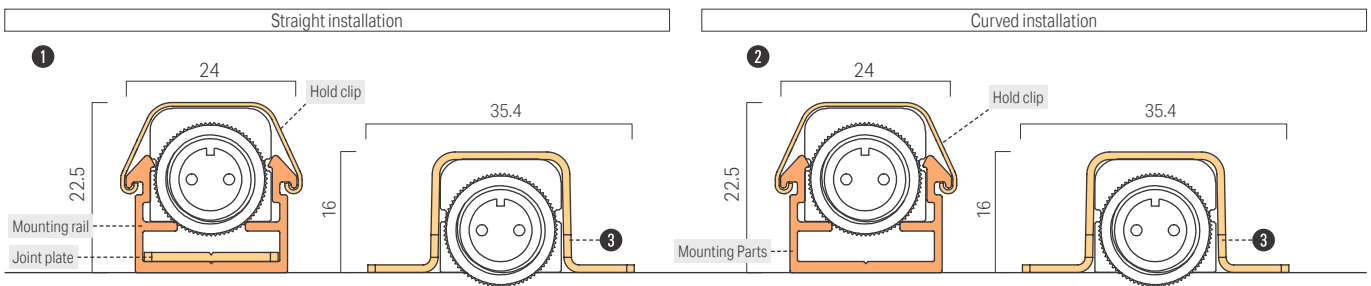
Both ends lead, Side(Right) feed



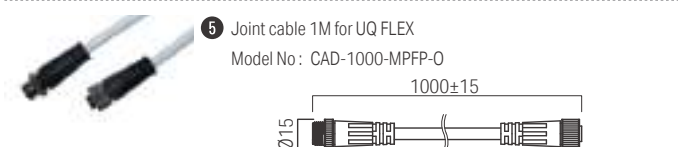
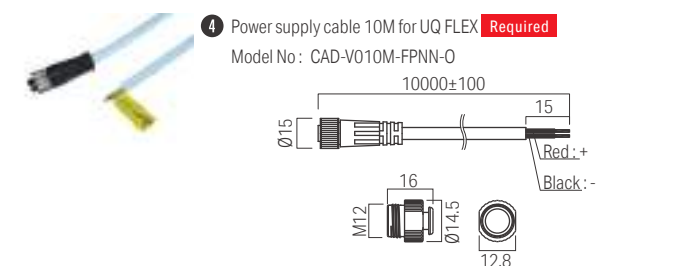
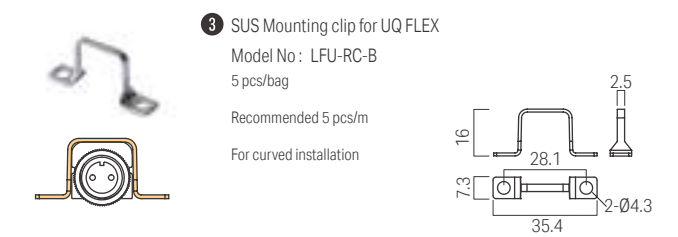
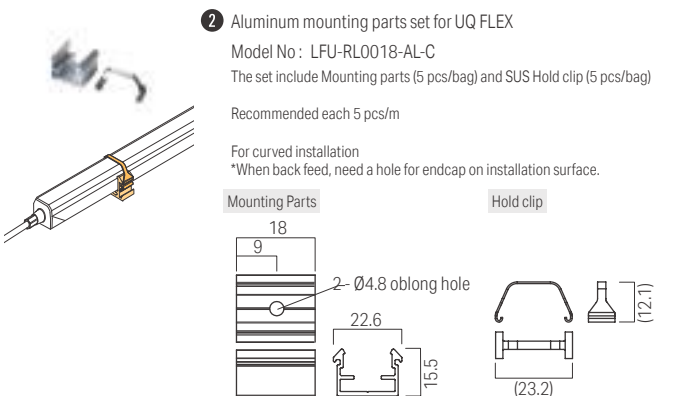
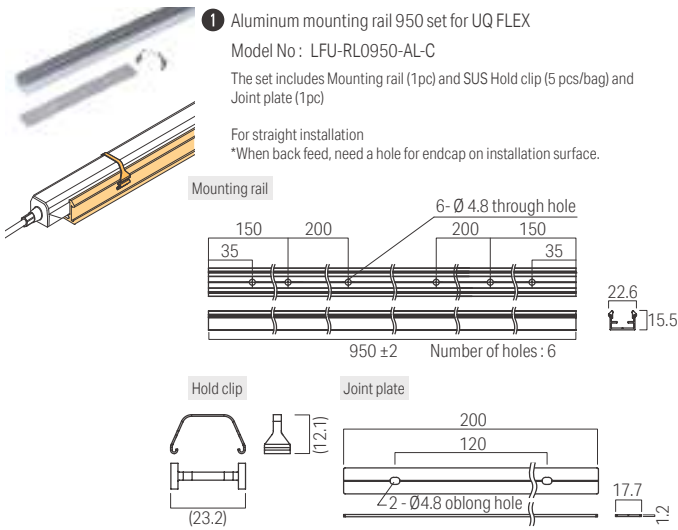
W: Both ends lead, S: Straight feed



Cross sectional view with accessories



Accessories



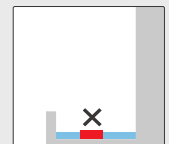
Custom order length

Length	Corresponds to Length of Model No. and External dimensions				
	Fitting length (mm)				
	Lead wire				
	WR/WB	WS	SB	SR	SS
0050	59	90	56.5	56.5	72
0100	109	140	106.5	106.5	122
0150	159	190	156.5	156.5	172
0200	209	240	206.5	206.5	222
0250	259	290	256.5	256.5	272
0300	309	340	306.5	306.5	322
0350	359	390	356.5	356.5	372
0400	409	440	406.5	406.5	422
0450	459	490	456.5	456.5	472
0500	509	540	506.5	506.5	522
0550	559	590	556.5	556.5	572
0600	609	640	606.5	606.5	622
0650	659	690	656.5	656.5	672
0700	709	740	706.5	706.5	722
0750	759	790	756.5	756.5	772
0800	809	840	806.5	806.5	822
0850	859	890	856.5	856.5	872
0900	909	940	906.5	906.5	922
0950	959	990	956.5	956.5	972
1000	1009	1040	1006.5	1006.5	1022
1050	1059	1090	1056.5	1056.5	1072
1100	1109	1140	1106.5	1106.5	1122
1150	1159	1190	1156.5	1156.5	1172
1200	1209	1240	1206.5	1206.5	1222
1250	1259	1290	1256.5	1256.5	1272
1300	1309	1340	1306.5	1306.5	1322
1350	1359	1390	1356.5	1356.5	1372
1400	1409	1440	1406.5	1406.5	1422
1450	1459	1490	1456.5	1456.5	1472
1500	1509	1540	1506.5	1506.5	1522
1550	1559	1590	1556.5	1556.5	1572
1600	1609	1640	1606.5	1606.5	1622
1650	1659	1690	1656.5	1656.5	1672
1700	1709	1740	1706.5	1706.5	1722
1750	1759	1790	1756.5	1756.5	1772
1800	1809	1840	1806.5	1806.5	1822
1850	1859	1890	1856.5	1856.5	1872
1900	1909	1940	1906.5	1906.5	1922
1950	1959	1990	1956.5	1956.5	1972
2000	2009	2040	2006.5	2006.5	2022

Prohibited installation places

- pooling water
- liquids including choline or chemicals
- high temperature and high humidity such as saunas
- coastal areas which are affected by sea spray

Do not cut the outdoor light and the lead wire at a job site.
Please do appropriate waterproof treatment for the outdoor lead wire and connector according to product manuals.



Luci SHIN UQ FLEX α IP67

LFUAY-O SHIN series

Color management
MacAdam 3 step



L90>B10
60K

- Updated with low wattage high lumen LED series
- Available 4 different wattage variations
- Side bend dot-free flexible strip
- IP67, max custom length 2m for outdoor usage, connectable up to 7.5m (19.8W/m), 10m (Others)

Model No.

LFUAY - T□□□□ - □□□□ - DF - O - □

Product Name	Length	Lead wire	Lead wire	Light source color	Tube type	Environment	Wattage
LFUAY	Custom order length	W : Both ends S : One end	B : Back feed R : Side(Right) feed S : Straight	D : 6500K N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L25 : 2500K L22 : 2200K L20 : 2000K L18 : 1800K	DF : Diffuser	O : Outdoor	5 : 5.9 W/m 9 : 9.9 W/m 14 : 14.9 W/m 19 : 19.8 W/m

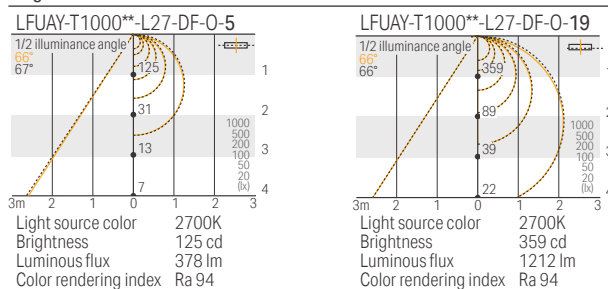
Specification

Wattage (Code)	5	9	14	19
Wattage (W/m)	5.9	9.9	14.9	19.8
Luminaire efficacy (lm/W) @2700K	63.7	64.2	62.6	61.2
Lumen output				
Light source color(Code)	Delivered CCT	CRI	Luminaire flux (lm/m)	
D 6500K	5700K	Ra 96	428	1369
N 5000K	4500K	Ra 93	424	1357
W 4000K	3600K	Ra 97	416	1333
WW 3500K	3200K	Ra 97	412	1321
L30 3000K	2800K	Ra 95	401	1284
L27 2700K	2500K	Ra 94	378	1212
L25 2500K	2300K	Ra 94	280	897
L22 2200K	2000K	Ra 93	261	836
L20 2000K	1900K	Ra 91	238	763
L18 1800K	1700K	Ra 91	231	739

General Specification

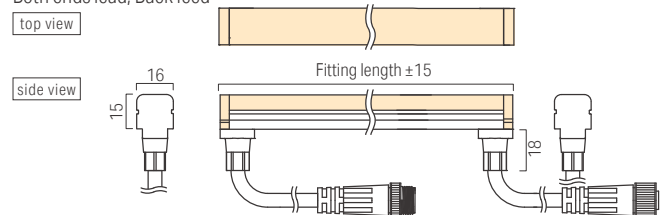
Input voltage	DC24V
Environment	Indoor, Outdoor, IP67
Max. fixture length	2m
Max. length Per circuit	7.5m (19.8W/m), 10m (Others)
Min. bending range	R150mm
Material	Silicone
Certification	CE
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi)

Light distribution curve

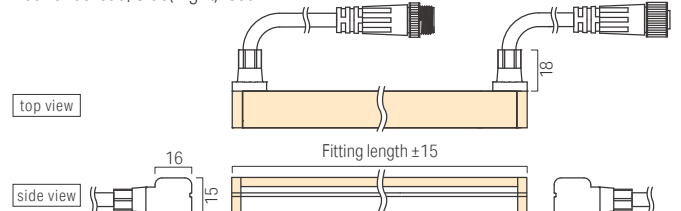


External dimensions

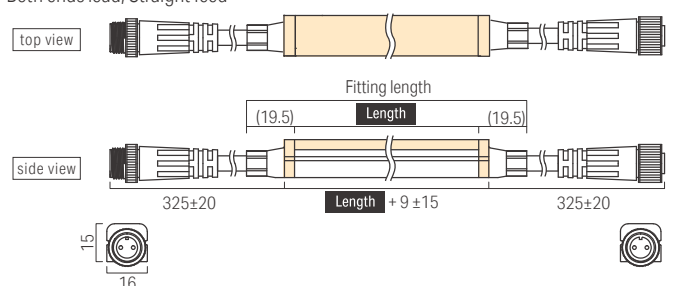
Both ends lead, Back feed



Both ends lead, Side(Right) feed



Both ends lead, Straight feed



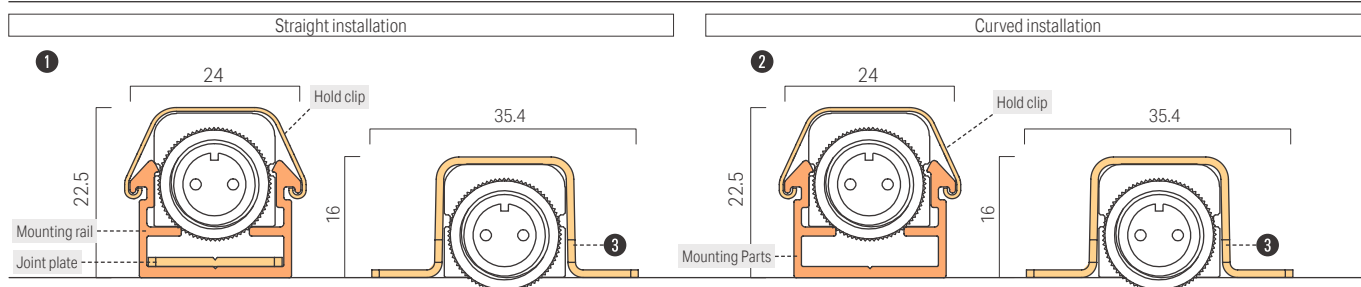
More detail



- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

Luci SHIN UQ FLEX α IP67

Cross sectional view with accessories



Accessories

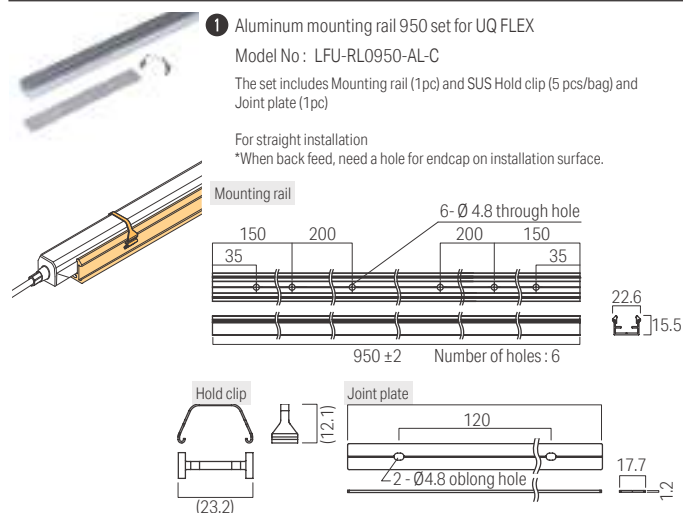
1 Aluminum mounting rail 950 set for UQ FLEX

Model No : LFU-RL0950-AL-C

The set includes Mounting rail (1pc) and SUS Hold clip (5 pcs/bag) and Joint plate (1pc)

For straight installation

*When back feed, need a hole for endcap on installation surface.



2 Aluminum mounting parts set for UQ FLEX

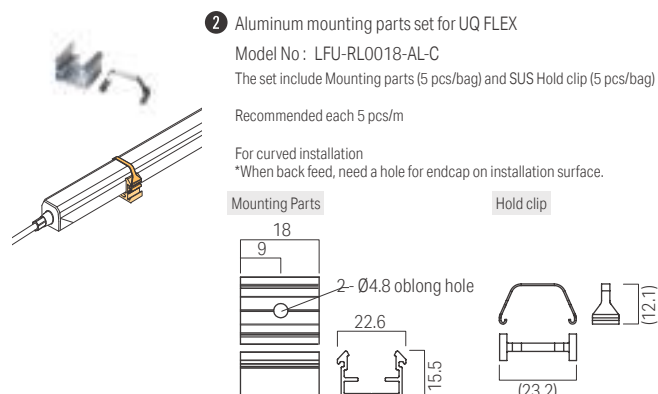
Model No : LFU-RL0018-AL-C

The set include Mounting parts (5 pcs/bag) and SUS Hold clip (5 pcs/bag)

Recommended each 5 pcs/m

For curved installation

*When back feed, need a hole for endcap on installation surface.



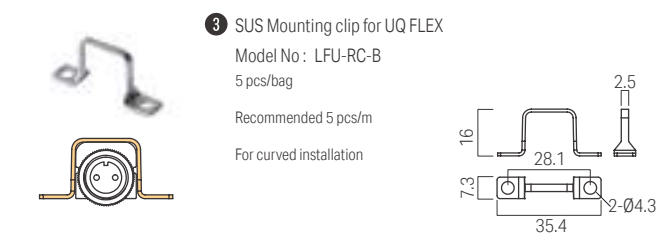
3 SUS Mounting clip for UQ FLEX

Model No : LFU-RC-B

5 pcs/bag

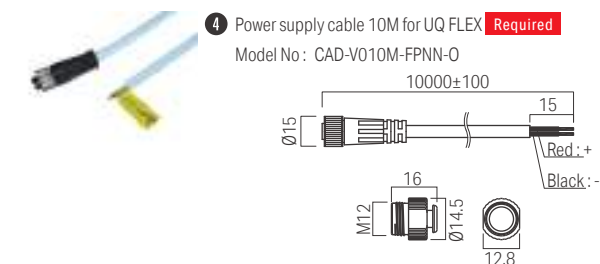
Recommended 5 pcs/m

For curved installation

4 Power supply cable 10M for UQ FLEX **Required**

Model No : CAD-V010M-FPNN-O

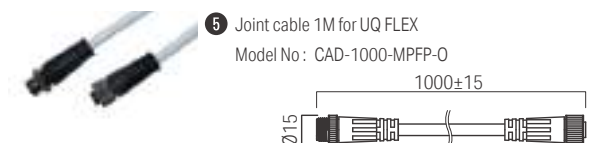
10000±100



5 Joint cable 1M for UQ FLEX

Model No : CAD-1000-MPPF-O

1000±15



Custom order length

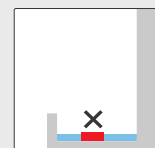
Corresponds to Length of Model No. and External dimensions

Length	Fitting length (mm)				
	Lead wire				
	WR/WB	WS	SB	SR	SS
0050	59	90	56.5	56.5	72
0100	109	140	106.5	106.5	122
0150	159	190	156.5	156.5	172
0200	209	240	206.5	206.5	222
0250	259	290	256.5	256.5	272
0300	309	340	306.5	306.5	322
0350	359	390	356.5	356.5	372
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0450	459	490	456.5	456.5	472
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0600	609	640	606.5	606.5	622
0650	659	690	656.5	656.5	672
0700	709	740	706.5	706.5	722
0750	759	790	756.5	756.5	772
0800	809	840	806.5	806.5	822
0850	859	890	856.5	856.5	872
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1000	1009	1040	1006.5	1006.5	1022
1050	1059	1090	1056.5	1056.5	1072
1100	1109	1140	1106.5	1106.5	1122
1150	1159	1190	1156.5	1156.5	1172
1200	1209	1240	1206.5	1206.5	1222
1250	1259	1290	1256.5	1256.5	1272
1300	1309	1340	1306.5	1306.5	1322
1350	1359	1390	1356.5	1356.5	1372
1400	1409	1440	1406.5	1406.5	1422
1450	1459	1490	1456.5	1456.5	1472
1500	1509	1540	1506.5	1506.5	1522
1550	1559	1590	1556.5	1556.5	1572
1600	1609	1640	1606.5	1606.5	1622
1650	1659	1690	1656.5	1656.5	1672
1700	1709	1740	1706.5	1706.5	1722
1750	1759	1790	1756.5	1756.5	1772
1800	1809	1840	1806.5	1806.5	1822
1850	1859	1890	1856.5	1856.5	1872
1900	1909	1940	1906.5	1906.5	1922
1950	1959	1990	1956.5	1956.5	1972
2000	2009	2040	2006.5	2006.5	2022

Prohibited installation places

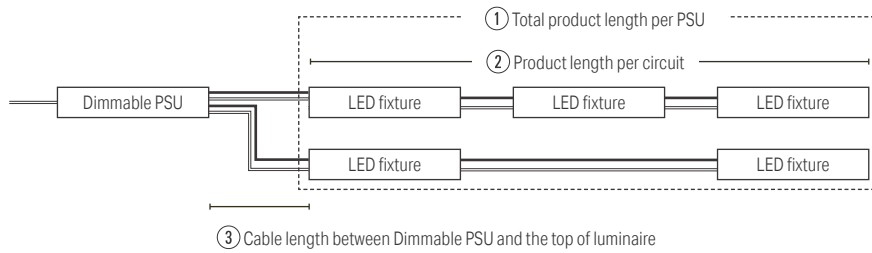
- pooling water
- liquids including choline or chemicals
- high temperature and high humidity such as saunas
- coastal areas which are affected by sea spray

Do not cut the outdoor light and the lead wire at a job site.
Please do appropriate waterproof treatment
for the outdoor lead wire and connector
according to product manuals.



Luci SHIN UQ FLEX IP67 / Luci SHIN UQ FLEX α IP67

System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refet to ▶
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232

Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refet to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU			PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
			DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
			* Split into multiple circuit						
LFUY/LFUAY-T**-DF-O-5	5.9	10	20.3*	15.2*	23.7*	14.2*	10.6*	7.1	4.7
LFUY/LFUAY-T**-DF-O-9	9.9	10	12.1*	9	14.1*	8.4	6.3	4.2	2.8
LFUY/LFUAY-T**-DF-O-14	14.9	10	8	6	9.3	5.6	4.2	2.8	1.8
LFUY/LFUAY-T**-DF-O-19	19.8	7.5	6	4.5	7	4.2	3.1	2.1	1.4

Model No.		Cross section		0.3sq	0.5sq	0.75sq
		Wiregauge		AWG22	AWG20	AWG18
		② Max. length per circuit (m)	③ Max. cable length between PSU and the top of luminaire at ② Max. length per circuit (m)			
LFUY/LFUAY-T**-DF-O-5	5.9	10	48	76	120	
LFUY/LFUAY-T**-DF-O-9	9.9	10	27.5	44.5	70	
LFUY/LFUAY-T**-DF-O-14	14.9	10	18	29	45	
LFUY/LFUAY-T**-DF-O-19	19.8	7.5	13	21	33	

LFUY-I
SHIN UQ FLEX Indoor

LFUAY-I
SHIN UQ FLEX α Indoor

LFUY-O
SHIN UQ FLEX IP67

LFUAY-O
SHIN UQ FLEX α IP67

LFUMAY-I
SHIN UQ FLEX α mini Indoor

LFUMAY-O
SHIN UQ FLEX α mini IP67

LFUS-O
UQ FLEX SAUNA

Luci SHIN UQ FLEX IP67 / Luci SHIN UQ FLEX α IP67

LFUMAY-I **SHIN** series

Application

Shelf



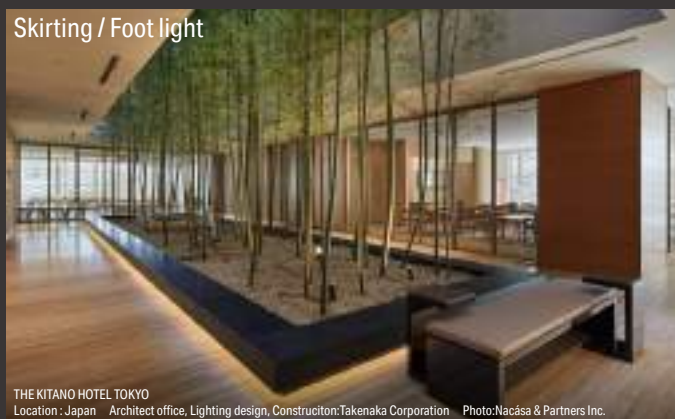
Mr. & Mrs. FOX
Location: Hong Kong Owner: Swire Restaurants Lighting Design: SPECTRUM DESIGN & ASSOCIATES (ASIA)

Step light



Ritz Carlton Langkawi
Location: Malaysia Architect office: Light moment Photo: Zoom

Skirting / Foot light



THE KITANO HOTEL TOKYO
Location: Japan Architect office, Lighting design, Construction: Takenaka Corporation Photo: Nacása & Partners Inc.

Counter



Hyatt Place Goa Candolim
Location: India Client: R and H spaces Pvt. Ltd. Lighting design: LIGHT@WORK Design Consultants Pvt. Ltd. Designers: Kapil Surlakar / Ninad Jogdand

Luci SHIN UQ FLEX α mini Indoor

Compact, side-bended homogenize bendable linear light
cuttable every 50mm at site.

Ideal choice to avoid unpleasant dot reflection
for curved lighting.

Specifications

Dimensions

Cross section W 10 x H 12 mm
Custom order up to 3 m at every 50 mm length with both ends or one end feed cable
Up to 3 m in 50 mm increment

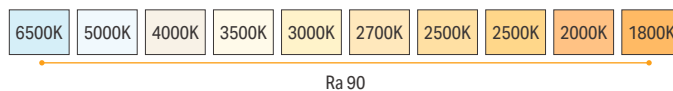
Feed cables are available in two directions: side or back feed

Light fixture cuttable every 50mm at site. If a luminaire with both-side feed cable is cut, the left and right sides of the luminaire can be used separately, as a one-sided feed fixture.

Electrical & Output@2700K

Model	2	4	6	10	15
Power Consumption (W/m)	2.1	4.2	6.4	10.8	15.9
Luminaire efficacy (lm/W)	58.1	58.5	56.9	55.3	54.1

Color temperature



Please refer to the product specification page for the delivered CCT.

Min Bending radius



Accessories



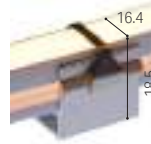
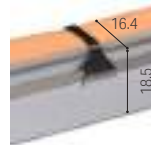
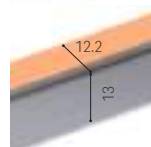
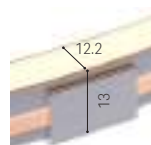
How to choose mounting parts

Curved and upwards
Mounting Parts Low
Part fit along with the curve

Straight and upwards
Mounting rail Low
Suitable for constrained space as smaller section
double sided tape installation

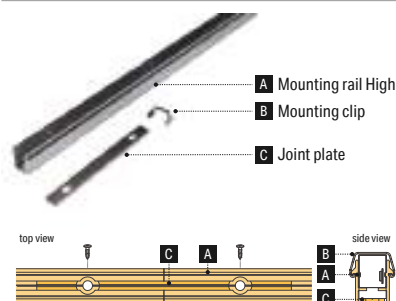
Straight and Vertical or Downwards
Mounting rail High and hold clip
Hold clips prevent falling
able to screw installation

Curved and Vertical or Downwards
Mounting parts High and hold clip
able to install with screw along with curve



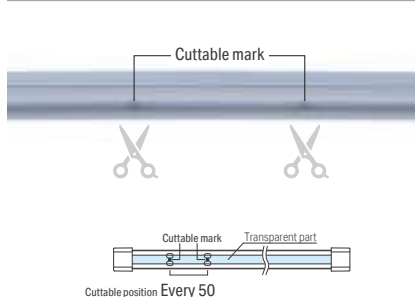
Features

For Straight-Line Installation



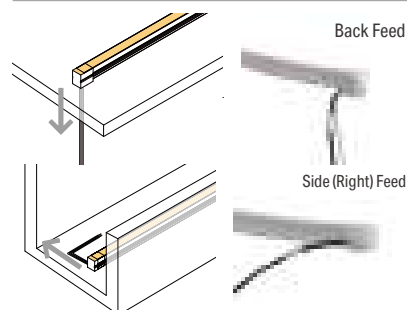
The joint plate for rails ensures precise alignment, maintaining a seamless straight line. It accommodates lengthwise expansion and contraction, allowing for flexibility in installation. For example, two 1-meter rails can be effortlessly combined to support a 2-meter luminaire.

Customizable On-Site Cutting



Luci luminaires are designed to be cut on-site at precise 50mm intervals, making them highly adaptable for projects with complex or variable length requirements. The clearly marked cutting points ensure accuracy, providing a practical solution when exact dimensions cannot be determined during the ordering process.

Cable Feed Directions and Usage Guidelines



Back Feed

Ideal for cove or recessed lighting installations where there is space in heights.

Side (Right) Feed

Perfect for indirect cove lighting applications, ensuring a seamless and clean appearance when there is space in width.

Both options minimize visible dark spots at fixture joints and enable secure, straightforward connections between two fixtures using the attached connectors. These features ensure a professional finish and reliable performance.

LFUMAY-I SHIN series

Color management
MacAdam 3 step



L90>B10
60K

- Suitable for carpentry, handrail and steps
- Side bend dot-free flexible light, cuttable every 50mm at site
- Indoor usage only, custom length max.3m per roll, connectable 5m in circuit



Model No.

LFUMAY - T□□□□ - □ □ □ - DF - I - □

Product Name	Length	Lead wire	Lead wire	Light source color	Tube type	Environment	Wattage
LFUMAY	Custom order length	W : Both ends S : One end	B : Back feed R : Side(Right) feed	D : 6500K N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L25 : 2500K L22 : 2200K L20 : 2000K L18 : 1800K	DF : Diffuser	I : Indoor	2 : 2.1 W/m 4 : 4.2 W/m 6 : 6.4 W/m 10 : 10.8 W/m 15 : 15.9 W/m

Specification

Wattage (Code)	2	4	6	10	15
Wattage	2.1	4.2	6.4	10.8	15.9
Luminaire efficacy (lm/W) @2700K	58.1	58.5	56.9	55.3	54.1

Lumen output

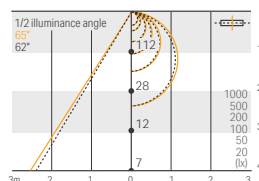
Light source color(Code)

	Delivered CCT	CRI	Luminaire flux (lm/m)		
D	6500K	6100K Ra 95	139	281	411
N	5000K	4600K Ra 92	138	278	407
W	4000K	3600K Ra 96	136	273	400
WW	3500K	3200K Ra 96	135	271	396
L30	3000K	2700K Ra 94	131	263	385
L27	2700K	2500K Ra 93	123	249	364
L25	2500K	2300K Ra 93	91	184	269
L22	2200K	2000K Ra 92	85	171	251
L20	2000K	1800K Ra 90	78	157	229
L18	1800K	1600K Ra 90	75	152	222

General Specification

Input voltage	DC24V
Environment	Indoor (no condensation)
Max. length	3m
Max. length Per circuit	5m
Min. bending range	R50mm
Material	Silicone
Certification	CE
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi)

Light distribution curve



LFUMAY-T1000*-L30-DF-I-6
Light source color 3000K
Brightness 112 cd
Luminous flux 385 lm
Color rendering index Ra 94

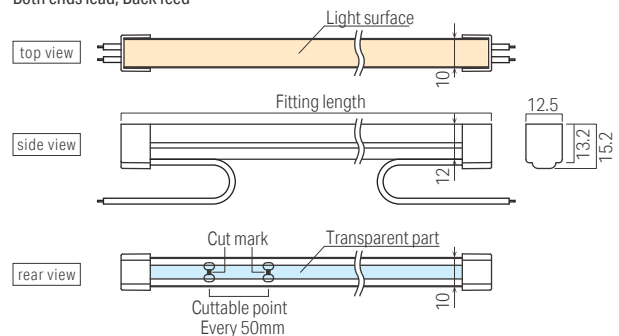
More detail



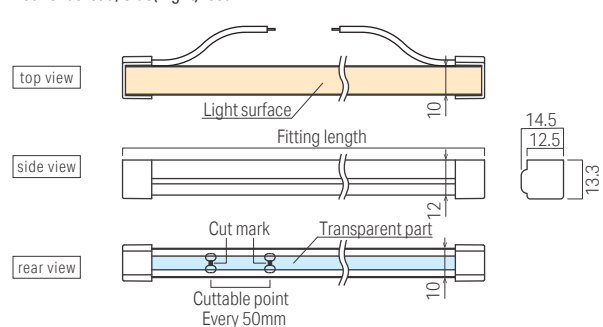
- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

External dimensions

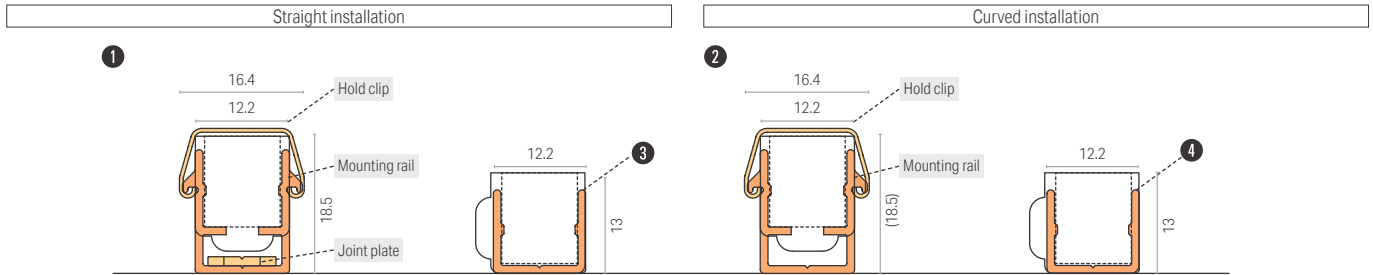
Both ends lead, Back feed



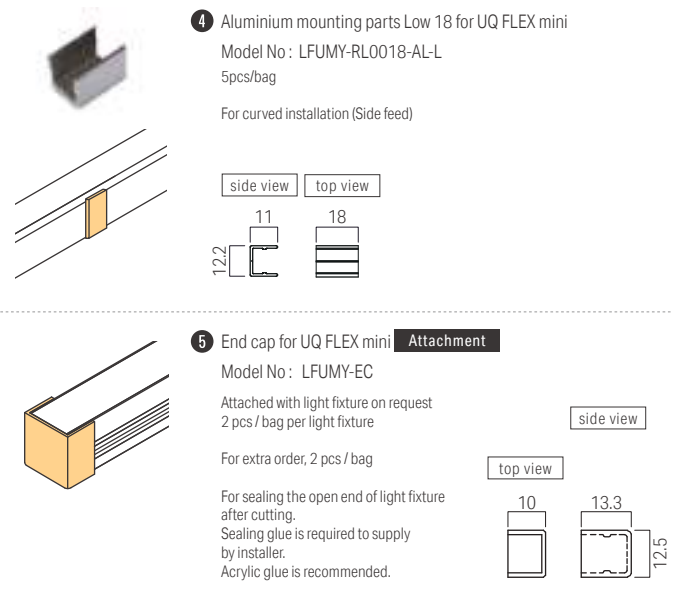
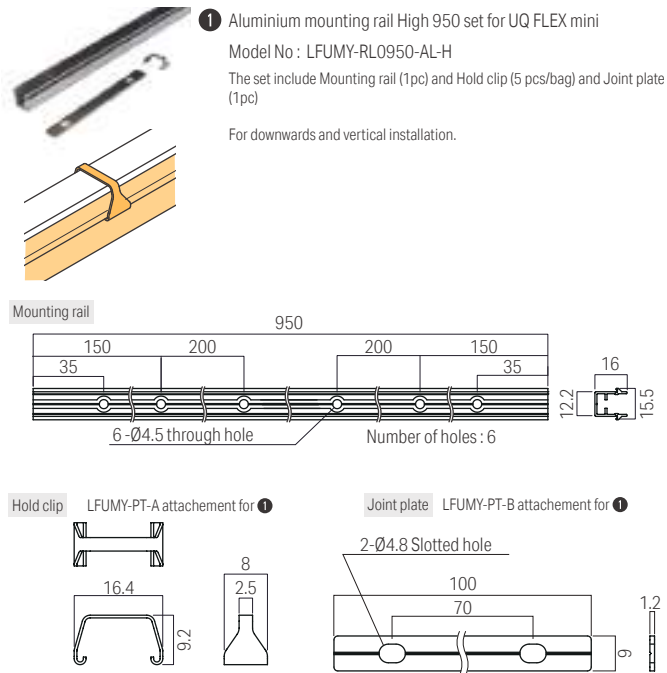
Both ends lead, Side(Right) feed



Cross sectional view with accessories

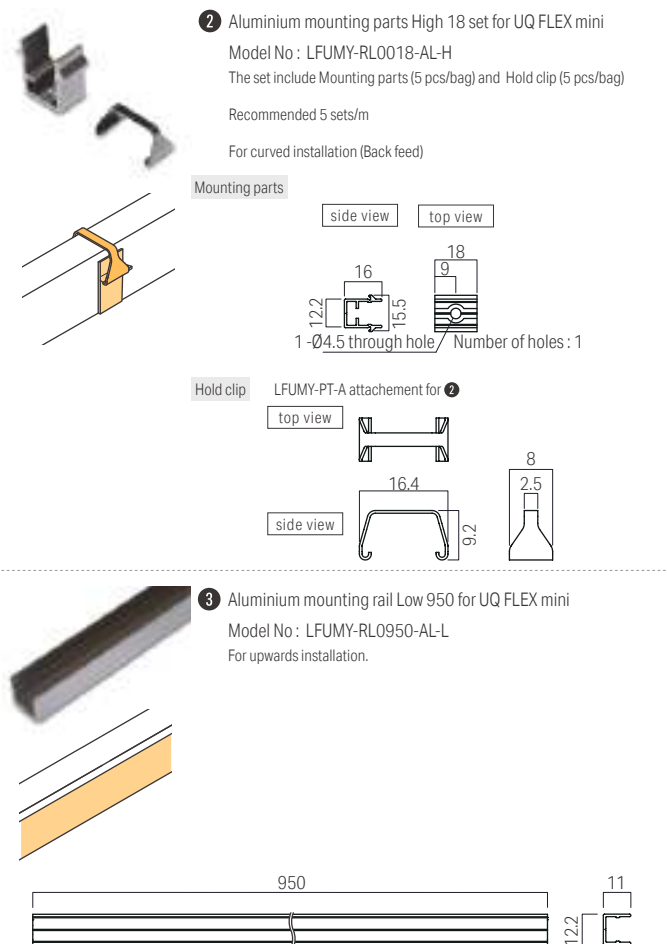


Accessories



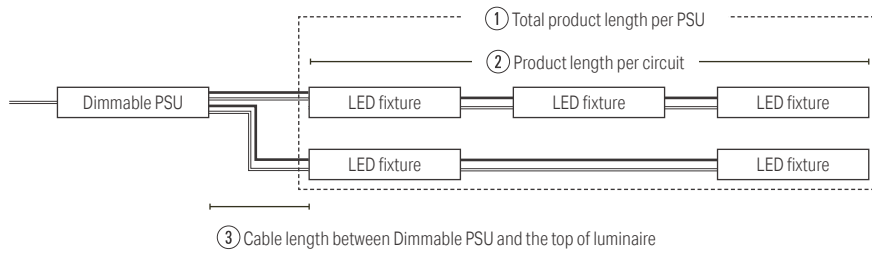
Custom order length

Corresponds to Length of Model No. and External dimensions			
Length	Fitting length (mm)	Length	Fitting length (mm)
0050	52	1550	1552
0100	102	1600	1602
0150	152	1650	1652
0200	202	1700	1702
0250	252	1750	1752
0300	302	1800	1802
0350	352	1850	1852
0400	402	1900	1902
0450	452	1950	1952
0500	502	2000	2002
0550	552	2050	2052
0600	602	2100	2102
0650	652	2150	2152
0700	702	2200	2202
0750	752	2250	2252
0800	802	2300	2302
0850	852	2350	2352
0900	902	2400	2402
0950	952	2450	2452
1000	1002	2500	2502
1050	1052	2550	2552
1100	1102	2600	2602
1150	1152	2650	2652
1200	1202	2700	2702
1250	1252	2750	2752
1300	1302	2800	2802
1350	1352	2850	2852
1400	1402	2900	2902
1450	1452	2950	2952
1500	1502	3000	3002



Luci SHIN UQ FLEX α mini Indoor

System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refet to ▶
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232

Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refet to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU	PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
	DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
	DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
	connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load

Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
			* Split into multiple circuit						
LFUMAY-T**-*-DF-I-2	2.1	5	57.1*	42.8*	66.6*	40*	30*	20*	13.3*
LFUMAY-T**-*-DF-I-4	4.2	5	28.5*	21.4*	33.3*	20*	15*	10*	6.6*
LFUMAY-T**-*-DF-I-6	6.4	5	18.7*	14*	21.8*	13.1*	9.8*	6.5*	4.3
LFUMAY-T**-*-DF-I-10	10.8	5	11.1*	8.3*	12.9*	7.7*	5.8*	3.8	2.5
LFUMAY-T**-*-DF-I-15	15.9	5	7.5*	5.6*	8.8*	5.2*	3.9	2.6	1.7

Model No.	Wattage (W/m)	Cross section	0.3sq	0.5sq	0.75sq
		Wiregauge	AWG22	AWG20	AWG18
		② Max. length per circuit (m)	③ Max. cable length between PSU and the top of luminaire at ② Max. length per circuit (m)		
LFUMAY-T**-*-DF-I-2	2.1	5	15	24	38
LFUMAY-T**-*-DF-I-4	4.2	5	7.7	12.3	19.5
LFUMAY-T**-*-DF-I-6	6.4	5	5.1	8.2	12.8
LFUMAY-T**-*-DF-I-10	10.8	5	3	4.9	7.6
LFUMAY-T**-*-DF-I-15	15.9	5	2	3.3	5.2

LFUY-I

SHIN UQ FLEX Indoor

LFUAY-I

SHIN UQ FLEX α Indoor

LFUY-O

SHIN UQ FLEX IP67

LFUAY-O

SHIN UQ FLEX α IP67

LFUMAY-I

SHIN UQ FLEX α mini Indoor

LFUMAY-O

SHIN UQ FLEX α mini IP67

LFUS-O

UQ FLEX SAUNA

Luci SHIN UQ FLEX α mini Indoor

Luci SHIN UQ FLEX α mini IP67

LFUMAY-O **SHIN** series

Application

Bench



Kanagawa Dental University Campus Center
Location: Hong Kong Architect Office: Atelier MEME Lighting Design: DAIKO ELECTRIC CO., LTD. Construction: Penta Ocean Construction Photo: Blue Hours Co., Ltd. Hiroyuki Oki

Handrail



Ritz Carlton Langkawi
Location: Malaysia Architect office: Light moment Photo: Zoom

Bench



Gardens by the Bay, Cloud Forest
Location: Singapore Lighting design: Lighting Planners Associate

Step



Mr Horiuchi's residence
Location: Japan Construction: ARC PLUS CO., LTD.

Luci SHIN UQ FLEX α mini IP67

Compact, side-bended homogenize bendable linear light,
Ideal for big scale projects such as landscape, handrail lighting
as PSU can be placed in long distance away from light fixture.

Specifications

Dimensions

Cross section W 10 x H 12 mm
Custom order up to 2 m at every 50 mm length with both ends or one end feed cable
Up to 2 m in 50 mm increment

Feed cables are available in two directions: side and back.
Do not allow to cut the LED fixture and cable at site.

Electrical & Output@2700K

Model	2	4	5	9	14
Power Consumption (W/m)	2.1	4.0	5.9	9.9	14.9
Luminaire efficacy (lm/W)	42.6	45.5	46.5	45.3	44

Color temperature



Ra 90

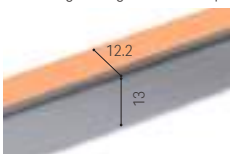
Please refer to the product specification page for the delivered CCT.

Min Bending radius

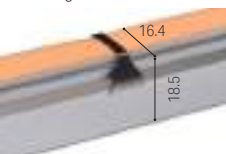


Accessories

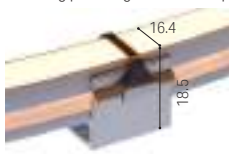
Straight and Vertical or Downwards
Mounting rail High and hold clip



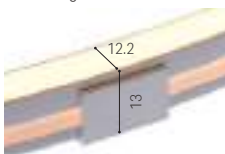
Straight and upwards
Mounting rail Low



Curved and Vertical or Downwards
Mounting parts High and hold clip



Curved and upwards
Mounting Parts Low



Cable feed directions



Back Feed



Side (Right) Feed



Back Feed

Ideal for cove or recessed lighting installations where there is space in heights.

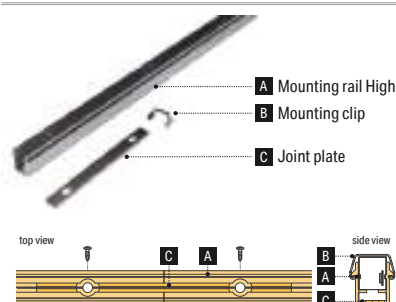
Side (Right) Feed

Perfect for indirect cove lighting applications, ensuring a seamless and clean appearance when there is space in width.

Both options minimize visible dark spots at fixture joints and enable secure, straightforward connections between two fixtures using the attached connectors. These features ensure a professional finish and reliable performance.

Features

For Straight-Line Installation

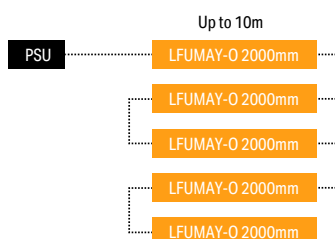


The joint plate for rails ensures precise alignment, maintaining a seamless straight line. It accommodates lengthwise expansion and contraction, allowing for flexibility in installation. For example, two 1-meter rails can be effortlessly combined to support a 2-meter luminaire.

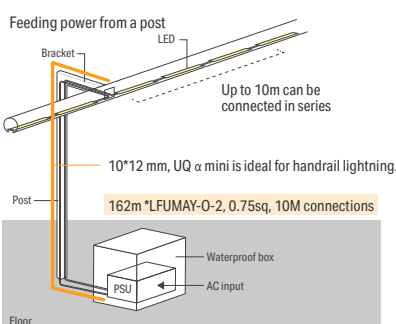
Handrail application

With the cross section of 10*12mm, UQ α mini is ideal for handrail lighting. The luminaires can be connected in series for up to 10 m. For installation through cables in posts or walls, the cable length can be customised according to site requirements.

Longer Connection

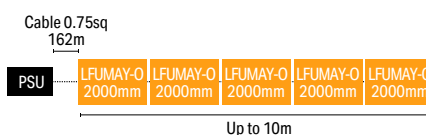


The length of the product can be customized up to 2 meters, providing flexibility in meeting specific project requirements. Fixtures are connectable up to 10 meters per circuit, making it optimal for applications where running power lines in detail, such as handrails, is not feasible.



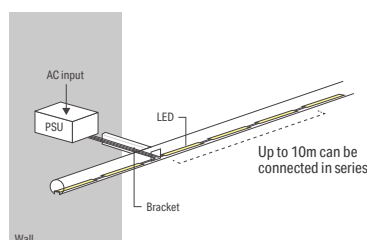
Longer Distance to PSU

In case of 2.1 W/m



The design of the constant current circuit board allows for a distance of up to 162 meters from the power supply unit (PSU) to the fixture in the 2W/m product with AWG18, making it ideal for extensive installations and covering large areas with fewer power sources.

Feeding power from a wall



LFUMAY-O SHIN series

Color management
MacAdam 3 step



L90>B10
60K

- Thanks to the design of constant current circuit board, distance from PSU to the fixture can be max 162m for 2W/m [product.Ideal](#) for big scale projects.
- Suitable for landscape, canopy area, toilet area.
- Customisable up to 2m, connectable 10m per circuit.



Model No.

LFUMAY - T□□□□ - □ □ □ - DF - O - □

Product Name	Length	Lead wire	Lead wire	Light source color	Tube type	Environment	Wattage
LFUMAY	Custom order length	W : Both ends S : One end	B : Back feed R : Side(Right) feed	D : 6500K N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L25 : 2500K L22 : 2200K L20 : 2000K L18 : 1800K	DF : Diffuser	O : Outdoor	2 : 2.1 4 : 4.0 5 : 5.9 9 : 9.9 14 : 14.9

Specification

Wattage (Code)	2	4	5	9	14
Wattage (W/m)	2.1	4.0	5.9	9.9	14.9
Luminaire efficacy (lm/W) @2700K	42.6	45.5	46.5	45.3	44
Lumen output					

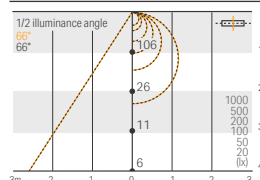
Light source color(Code)

	Delivered CCT		CRI	Luminaire flux (lm/m)				
D	6500K	6100K	Ra 95	100	204	312	507	790
N	5000K	4600K	Ra 92	99	202	309	502	783
W	4000K	3600K	Ra 96	97	198	304	493	769
WW	3500K	3200K	Ra 96	96	196	301	489	762
L30	3000K	2700K	Ra 94	93	191	293	475	741
L27	2700K	2500K	Ra 93	88	180	276	448	699
L25	2500K	2300K	Ra 93	65	133	204	332	517
L22	2200K	2000K	Ra 92	61	124	191	309	482
L20	2000K	1800K	Ra 90	56	114	174	283	440
L18	1800K	1600K	Ra 90	54	110	168	274	426

General Specification

Input voltage	DC24V
Environment	Outdoor (no condensation)
Max. length	2m
Max. length Per circuit	10m
Min. bending range	R50mm
Material (body)	Silicone
Certification	CE
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi)

Light distribution curve



LFUMAY-T1000**-L30-DF-O-5
 Light source color 3000K
 Brightness 106 cd
 Luminous flux 293
 Color rendering index Ra 94

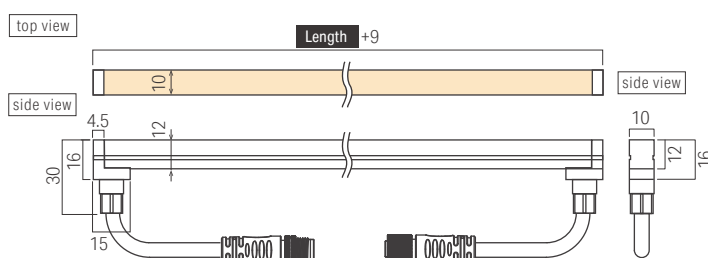
More detail



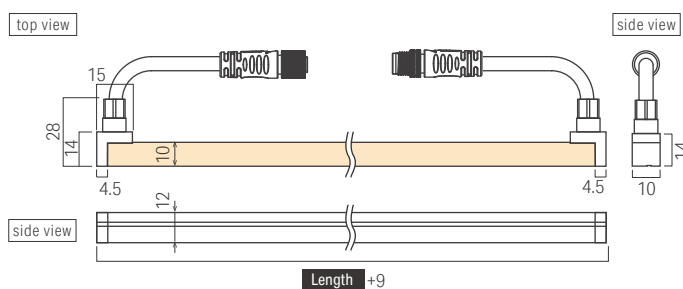
- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

External dimensions

Both ends lead, Back feed

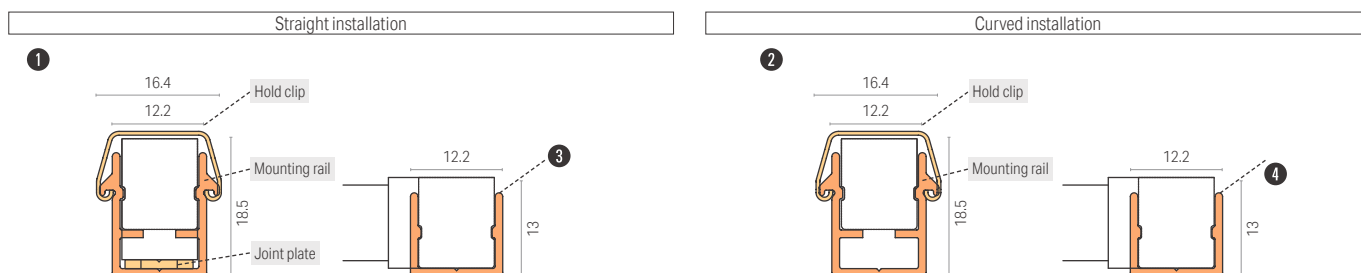


Both ends lead, Side(Right) feed



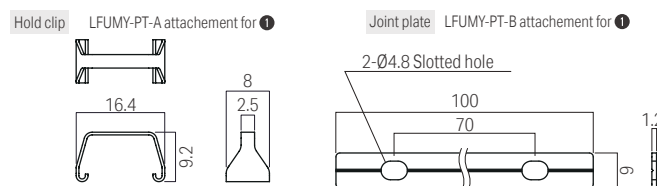
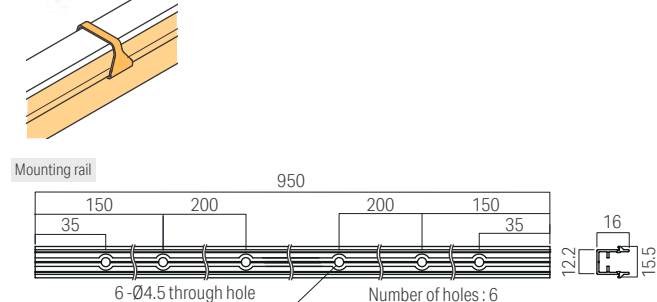
Luci SHIN UQ FLEX α mini IP67

Cross sectional view whith accessories

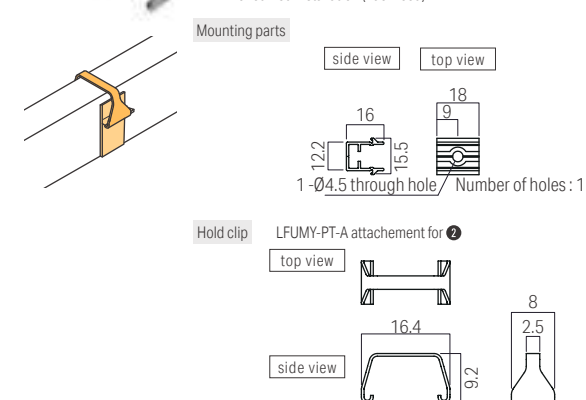


Accessories

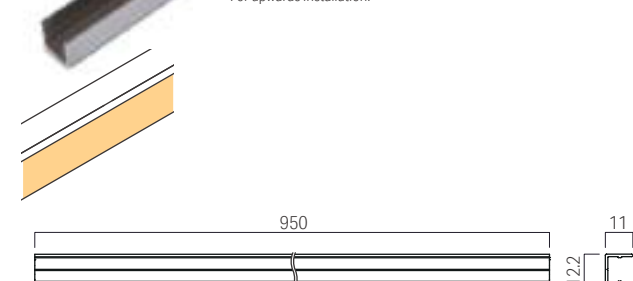
- 1** Aluminium mounting rail High 950 set for UQ FLEX mini
Model No : LFUMY-RL0950-AL-H
The set include Mounting rail (1pc) and Hold clip (5 pcs/bag) and Joint plate (1pc)
For downwards and vertical installation.



- 2** Aluminium mounting parts High 18 set for UQ FLEX mini
Model No : LFUMY-RL0018-AL-H
The set include Mounting parts (5 pcs/bag) and Hold clip (5 pcs/bag)
Recommended 5 sets/m
For curved installation (Back feed)



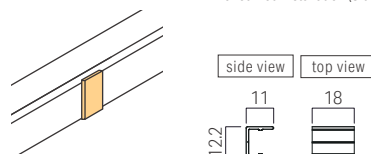
- 3** Aluminium mounting rail Low 950 for UQ FLEX mini
Model No : LFUMY-RL0950-AL-L
For upwards installation.



Aluminium mounting parts Low 18 for UQ FLEX mini

- 4** Model No : LFUMY-RL0018-AL-L
5pcs/bag

For curved installation (Side feed)

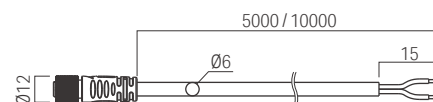


- 5** Power supply cable 5M for UQ Flex mini IP67

Model No : CAD-V5000-FGNN-O

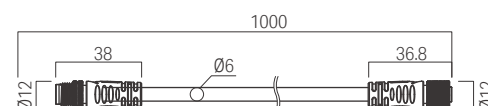
- 5** Power supply cable 10M for UQ Flex mini IP67

Model No : CAD-V010M-FGNN-O



- 6** Joint cable 1M for UQ FLEX mini IP67

Model No : CAD-V1000-MGFG-O



Custom order length

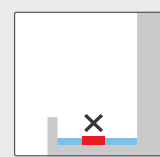
Corresponds to Length of Model No. and External dimensions

Length	Fitting length (mm)	Length	Fitting length (mm)
0050	59	1050	1059
0100	109	1100	1109
0150	159	1150	1159
0200	209	1200	1209
0250	259	1250	1259
0300	309	1300	1309
0350	359	1350	1359
0400	409	1400	1409
0450	459	1450	1459
0500	509	1500	1509
0550	559	1550	1559
0600	609	1600	1609
0650	659	1650	1659
0700	709	1700	1709
0750	759	1750	1759
0800	809	1800	1809
0850	859	1850	1859
0900	909	1900	1909
0950	959	1950	1959
1000	1009	2000	2009

Prohibited installation places

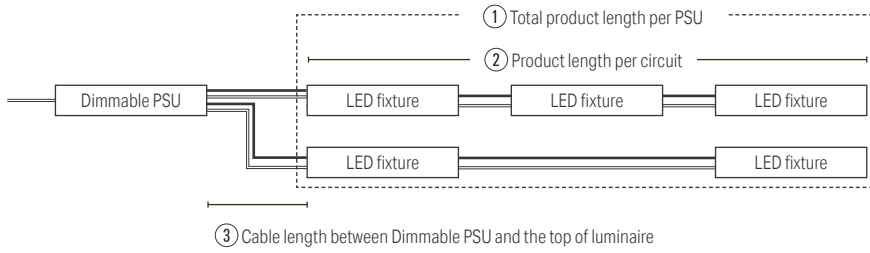
Do not cut the LED fixture and the lead wire of outdoor product at a job site.
Please do appropriate treatment for the lead wire and connector of the terminal of outdoor LED fixture.

- pooling water
- liquids including choline or chemicals
- high temperature and high humidity such as saunas
- coastal areas which are affected by sea spray



Luci SHIN UQ FLEX α mini IP67

System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refet to ▶
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232

Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refet to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU	PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
	DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
	DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
	connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load

Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
			* Split into multiple circuit						
LFUMAY-T**-*-DF-O-2	2.1	10	57.1*	42.8*	66.6*	40*	30*	20*	13.3*
LFUMAY-T**-*-DF-O-4	4	10	30*	22.5*	35*	21*	15.7*	10.5*	7
LFUMAY-T**-*-DF-O-5	5.9	10	20.3*	15.2*	23.7*	14.2*	10.6*	7.1	4.7
LFUMAY-T**-*-DF-O-9	9.9	10	12.1*	9	14.1*	8.4*	6.3	4.2	2.8
LFUMAY-T**-*-DF-O-14	14.9	10	8	6	9.3	5.6	4.2	2.8	1.8

Model No.	Wattage (W/m)	Cross section	0.3sq	0.5sq	0.75sq
		Wiregauge	AWG22	AWG20	AWG18
		② Max. length per circuit (m)	③ Max. cable length between PSU and the top of luminaire at ② Max. length per circuit (m)		
LFUMAY-T**-*-DF-O-2	2.1	5	15	24	38
LFUMAY-T**-*-DF-O-4	4.2	5	7.7	12.3	19.5
LFUMAY-T**-*-DF-O-5	6.4	5	5.1	8.2	12.8
LFUMAY-T**-*-DF-O-9	10.8	5	3	4.9	7.6
LFUMAY-T**-*-DF-O-14	15.9	5	2	3.3	5.2

LFUY-I
SHIN UQ FLEX Indoor

LFUAY-I
SHIN UQ FLEX α Indoor

LFUY-O
SHIN UQ FLEX IP67

LFUAY-O
SHIN UQ FLEX α IP67

LFUMAY-I
SHIN UQ FLEX α mini Indoor

LFUMAY-O
SHIN UQ FLEX α mini IP67

LFUS-O
UQ FLEX SAUNA

Luci SHIN UQ FLEX α mini IP67

LFUS

Application

Bench



Kanagawa Dental University Campus Center
Location: Hong Kong Architect Office: Atelier MEME Lighting Design: DAIKO ELECTRIC CO., LTD. Construction: Penta Ocean Construction Photo: Blue Hours Co., Ltd. Hiroyuki Oki

Bench



Karumaru Ikebukuro
Location: Japan Architect office: Hashimoto Yukio Design Studio Inc. Lighting design: Illumination of City Environment, Ltd. Photo: Nacasa & Partners Inc.

Handrail



Bench



Oasia Spa Sauna, Oasia Resort, Sentosa
Location: Singapore Architect: Genesis Architects Design, Construct: Water + Plants Lab Pte Ltd



Luci SHIN UQ FLEX SAUNA

Pioneer of SAUNA linear LED lighting
Designed to withstand high temperatures and high humidity environments
Creates a unique and cosy lighting design in sauna
keeping privacy with indirect lighting at foot area

Specifications

Dimensions

Cross section	W 16 x H 15 mm
Standard length	On stock Both sides feed cable with IP67 connector
	1000 500 250
Custom length	MOQ 10m Both sides feed or one side feed with IP67 connector
	Up to 5 m in 250 mm increment

Electrical & Output

Power Consumption (W/m)	5.1
Luminous flux @ 2700K (lm/m)	234

Color temperature

2700K Delivered CCT: 2500K

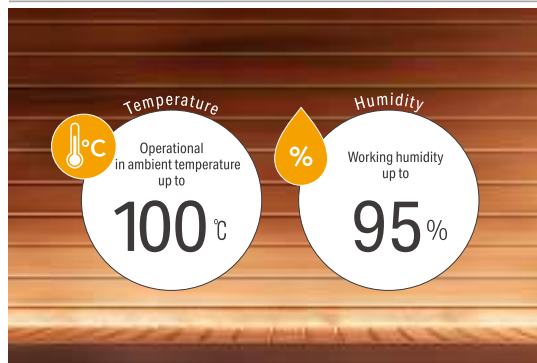
Min Bending radius

R 150mm in top bend (vertical direction)



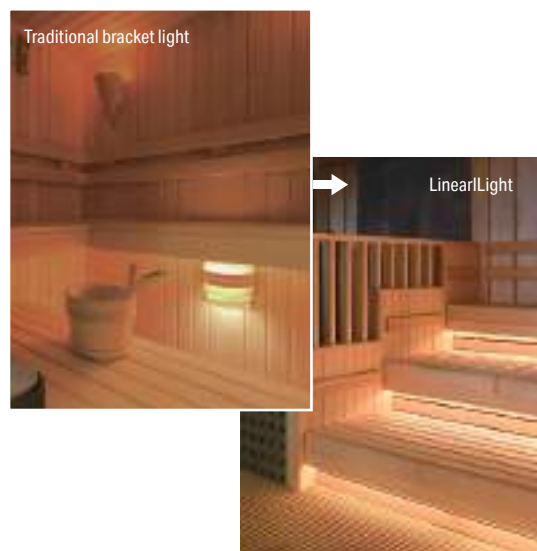
Features

Weatherproof Specification



The LFUS series is the world's first indirect lighting solution designed specifically for saunas, capable of withstanding extreme temperatures of up to 100°C. This groundbreaking feature ensures reliable performance and durability in high-heat environments, making it a perfect choice for creating a soothing and functional lighting experience in saunas and similar settings.

The benefits of using indirect lighting in sauna room



Sauna&Capsale AMZA / Location:Japan / Photo:Yasutake Kondo

Longer life time

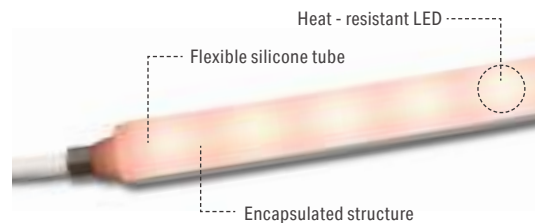


Krypton lamp once per 2-3 months

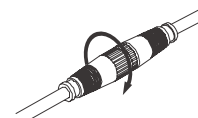
UQ FLEX SAUNA once per 1-5 years

Typical sauna lighting often requires replacement every 2-3 months due to the harsh conditions. The LFUS series is designed to overcome this limitation, offering a significantly longer lifespan, even in high-temperature environments, ensuring durability and reduced maintenance for reliable, long-term performance.

Special material for high temperature and humidity



Simple connection with screw clamp



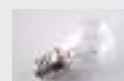
Increased Safety!

The glass cover of krypton lamp might cause injury when broken but silicon-made UQ FLEX SAUNA never hurt you.



about Krypton light

*Krypton light is a glass light bulb filled with krypton gas.



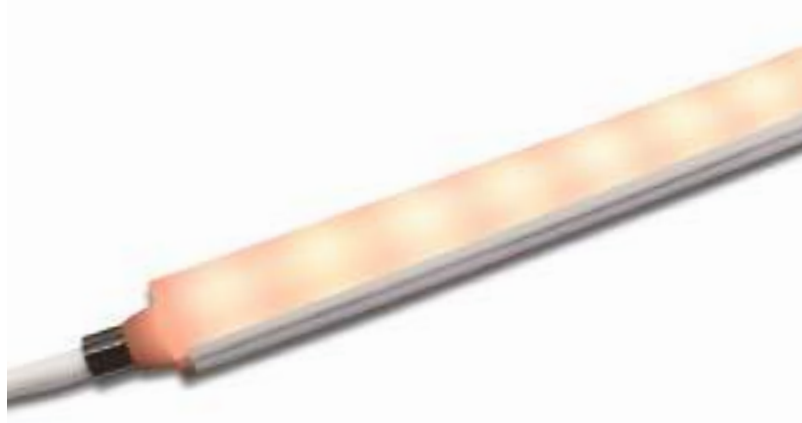
LFUS

Color management
ANSI BIN



1 years
warranty

- High-temperature & humidity resistance, IP67
- Covered with silicone, top-bend semi-diffused lighting



Model No.

LFUS - T□□□□ - □ □ - **L27** - **DF** - **O**

Product Name	Length	Lead wire	Lead wire	Light source color	Tube type	Environment
LFUS	Custom order length	W : Both ends S : One end	S : Straight B : Back R : Side (Right)	L27 : 2700K	DF : Diffuser	O : Outdoor

Specification / Standard length

Length	L	0250	0500	1000
Wattage		1.3 W	2.6 W	5.1 W
Fitting length	Y	290 mm	540 mm	1040 mm
Weight		120g	200g	380g
Luminaire efficacy (2700K)		49.1 lm/W	46.8 lm/W	45.8 lm/W
Light source color				
L27	2700K Ra 83	59 lm*	117 lm	234 lm*

More detail



- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

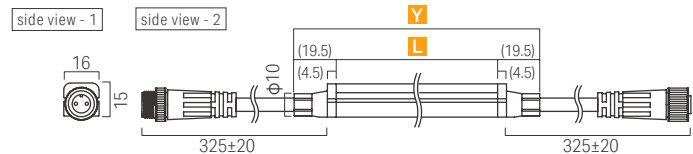
General Specification

Input voltage	DC24V
Environment	Indoor, Outdoor
Max. length per circuit	5 m
Min. bending range	R 150 mm
Material (body)	Body : Silicone, Clip : SUS, Rail : Aluminium
Certification	JISC0920, IP67
Ambient temperature	-0°C ~ +100°C (Working humidity up to 95%)
Certification	CE
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi)

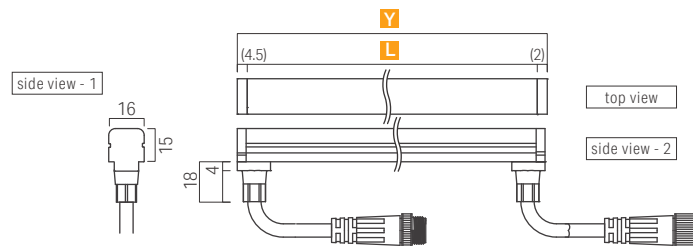
External dimensions / Custom order

MOQ : 10 m

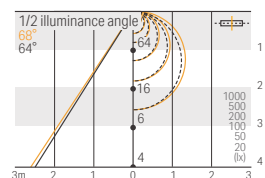
S : Straight feed



B : Back feed



Light distribution curve



LFUS-T1000 □S-L27-DF-O

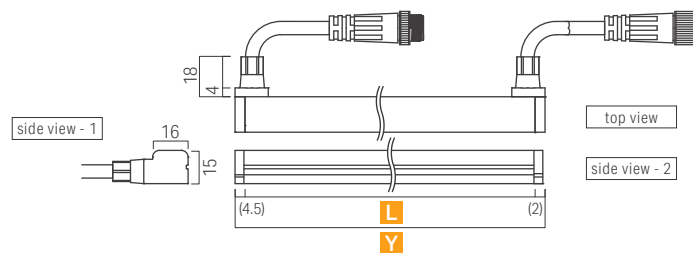
Light source color 2700K
Brightness 64 cd
Luminous flux 234 lm
Color rendering index Ra83

Custom order length

Corresponds to Length of Model No. and External dimensions

L Length	Y Fitting length (mm)		Wattage (W)
	Both ends lead wire (WS)	One end lead wire (SS)	
0250	290	272	1.3
0500	540	522	2.6
0750	790	772	3.9
1000	1040	1022	5.1
1250	1290	1272	6.4
1500	1540	1522	7.7
1750	1790	1772	9.0
2000	2040	2022	10.2
2250	2290	2272	11.5
2500	2540	2522	12.8
2750	2790	2772	14.1
3000	3040	3022	15.3
3250	3290	3272	16.6
3500	3540	3522	17.9
3750	3790	3772	19.1
4000	4040	4022	20.4
4250	4290	4272	21.7
4500	4540	4522	23.0
4750	4790	4772	24.2
5000	5040	5022	25.5

R : Side(Right) feed

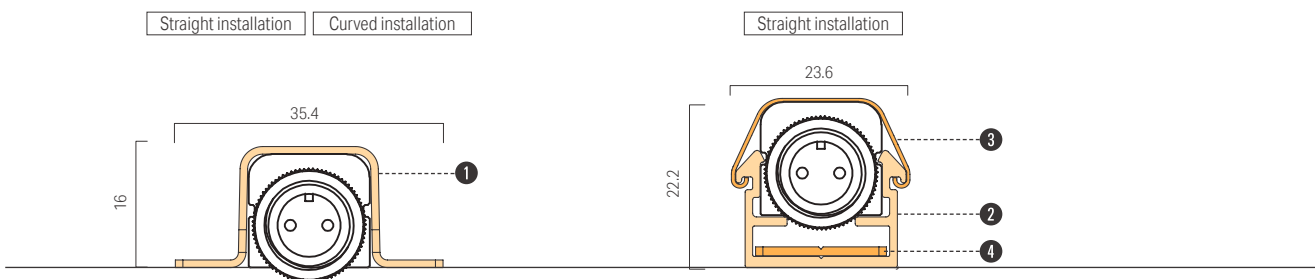


Warranty period: One year

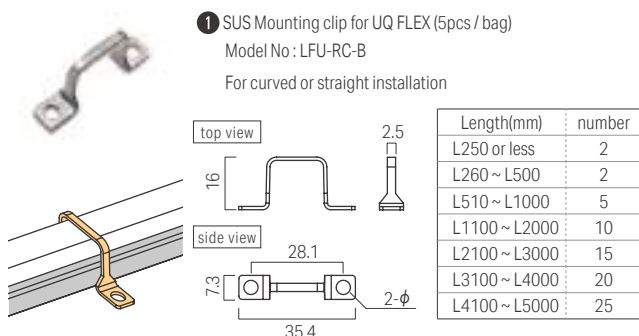
If the usage time per day exceeds for more than 20 hours, the warranty period is half of the period mentioned above. For further detail of warranty, please contact Luci sales.

Luci SHIN UQ FLEX SAUNA

Cross sectional view with accessories

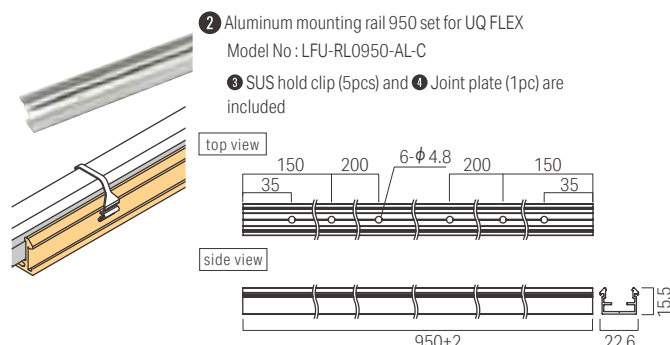


Accessories

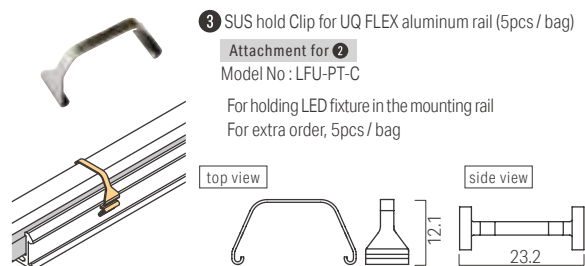


① SUS Mounting clip for UQ FLEX (5pcs / bag)
Model No : LFU-RC-B
For curved or straight installation

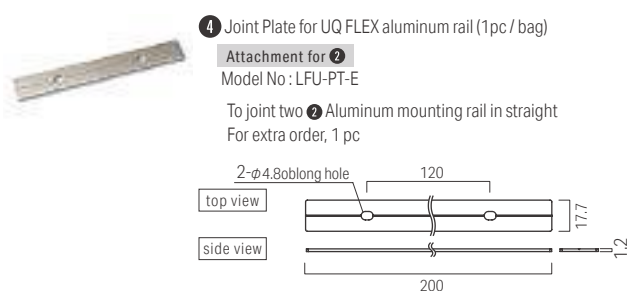
Any dark spot doesn't appear in indirect light as the light is diffused by tube even when using SUS clip or SUS rail clip.



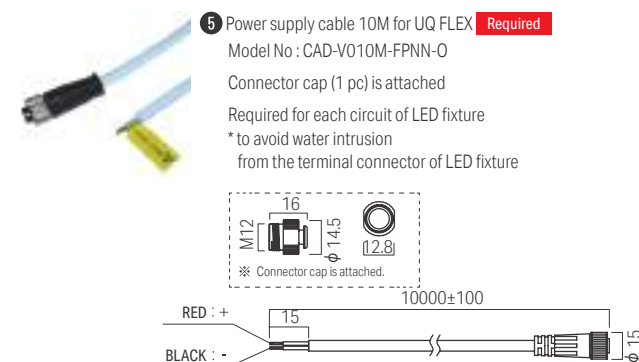
② Aluminum mounting rail 950 set for UQ FLEX
Model No : LFU-RL0950-AL-C
③ SUS hold clip (5pcs) and ④ Joint plate (1pc) are included



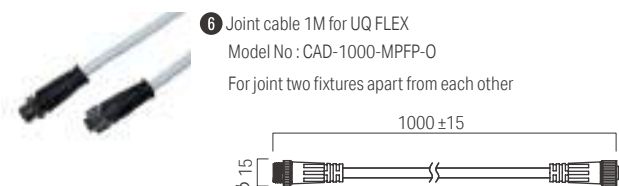
③ SUS hold Clip for UQ FLEX aluminum rail (5pcs / bag)
Attachment for ②
Model No : LFU-PT-C
For holding LED fixture in the mounting rail
For extra order, 5pcs / bag



④ Joint Plate for UQ FLEX aluminum rail (1pc / bag)
Attachment for ②
Model No : LFU-PT-E
To joint two ② Aluminum mounting rail in straight
For extra order, 1 pc



⑤ Power supply cable 10M for UQ FLEX **Required**
Model No : CAD-V010M-FPNN-O
Connector cap (1 pc) is attached
Required for each circuit of LED fixture
*to avoid water intrusion from the terminal connector of LED fixture



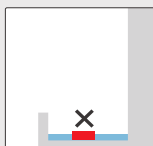
⑥ Joint cable 1M for UQ FLEX
Model No : CAD-1000-MPPF-O
For joint two fixtures apart from each other

Prohibited installation places

- pooling water
- liquids including chlorine or chemicals
- coastal areas which are affected by sea spray
- where sulfide gas is contained in the air such as hot spring

Caution

Do not cut the LED fixture and the lead wire of outdoor product at a job site.
Please do appropriate treatment for the lead wire and connector of the terminal of outdoor LED fixture.



⚠ Pay attention when use in high temperature environment

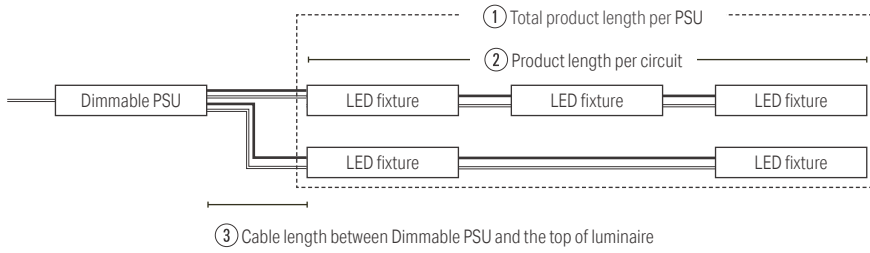
Since the parts are made of metal, there is a risk of burning injury by touching directly in a high-temperature environment. Please install the parts in a place where not being touched directly. In case of maintenance or replacement of the LED fixtures, make sure that the surrounding temperature and parts are not hot, and then perform the work.

Please make sure to install the power supply in an appropriate environment according to the instruction manual of the power supply.

When installing the LED fixture in a high-temperature spot such as a near hot-air outlet or ceiling, please make sure that the environment temperature does not exceed the fixture specification in advance.

Luci SHIN UQ FLEX SAUNA

System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refer to ▶
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232

Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refer to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU			PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
			DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
LFUS-T*-S-DF-O	5.1	5	23.5*	17.6*	27.4*	16.4*	12.3*	8.2*	5.4*

Luci SHIN UQ FLEX SAUNA

LFUY-I
SHIN UQ FLEX Indoor

LFUAY-I
SHIN UQ FLEX α Indoor

LFUY-O
SHIN UQ FLEX IP67

LFUAY-O
SHIN UQ FLEX α IP67

LFUMAY-I
SHIN UQ FLEX α mini Indoor

LFUMAY-O
SHIN UQ FLEX α mini IP67

LFUS-O
UQ FLEX SAUNA

RIMiT[®] flex series

Our new dot-free flexible tape light with sleeks and aesthetic design!

Revolutionize designs with our
sleek 5.8mm dot-free tape light!



RIMiT[®] flex

RIMiT flex Indoor / IP65

P.88 / 96



Flex-s

RIMiT[®] flex-s

RIMiT flex-s Indoor / IP65

P.92 / 100

RIMiT WEB



LRF-T/LRFS-T

Specification

Length Variations

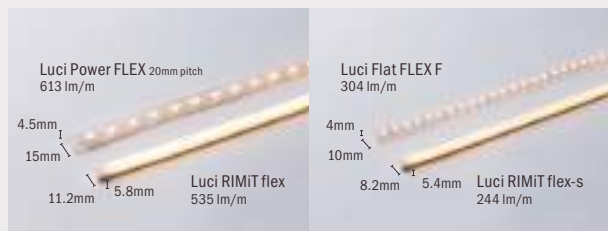
160 customizable lengths available in 25mm increments and cuttable on site. Enhances design flexibility.



Features

Compact yet practical

As slim as our conventional Luci Power FLEX (Luci Flat FLEX F), RIMiT flex(RIMiT flex-s) offers a lumen output of 535 lm/m(244 /m/m) through a diffuser tube.



Gentle light distribution

Featuring a wide emission surface for enhanced output and uniform light spread, eliminating the worry of unwelcome LED dot reflections.



160 customized pre-order lengths

With 160 different lengths up to 4 m in 25 mm increments. Suitable for shelves of various widths and for continuous lighting on tall ceilings.



Light source color

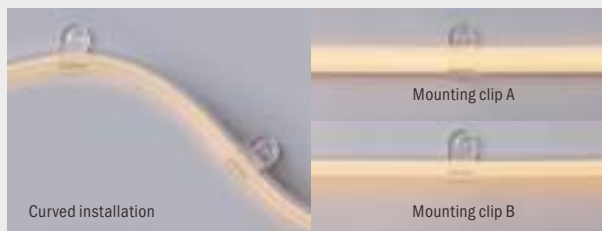
Color Temperature Variations

Wide-ranging colour temperature options. High color rendering of Ra90 or higher is achieved for most color temperatures, ensuring accurate representation of the colors of the displayed objects.



Various mounting accessories for RIMiT flex

A variety of mounting options, including a straight rail with a clear cover and two types of clips for different curved designs, ensure flexibility and secure installation.



Length flexibility on site in 25mm

RIMiT flex series can be trimmed every 25mm, perfect for on-site adjustments, offering flexibility for design change.



Recommended application

Suitable for versatile applications, from ceiling to floor installation.
Customizable IP65-rated options are also available upon request.



Ceiling cove light

Featuring a dotless slim design and soft light distribution, the fixture stays unobtrusive in fascia-less cove lighting.

Custom lengths up to 4M are available,
providing uninterrupted, continuous
lines of elegant illumination



Show case

Extended length customizable up to 4m, providing seamless and uniform illumination for longer showcases.

Custom lengths up to 4M are available,
providing uninterrupted, continuous
lines of elegant illumination



Shelf | Back lighting

Dot-less aesthetic display lighting that can be customized on site, trimmed at every 25mm to perfectly fit the shelf width. Magnet set is also available for easy installation.



Shelf | Recessed

Aesthetic display lighting that can be customized on site, trimmable at every 25mm to perfectly fit the shelf width.



Mirror back lighting

Designed particularly for its flexibility and prolonged customizable length, it delivers consistent, continuous indirect lighting, ideal for circular mirrors.

Two types of mounting clips are available for installation in confined space. By selecting different clip types, you can adjust the screw direction while keeping the light-emitting surface.



Skirting / Footlight

Custom sizes are available up to 4 meters, enabling seamless and elegant illumination for long corridors or furniture.

Dotless light-emitting surface allows seamless illumination without the distraction of LED dots, even on shiny or wet floors.



Steplight

The LRF series features a compact cross-sectional design that produces a uniform line of light without dot reflections, even when the installation surface is close to the illuminated area.



Handrail lighting

Enhance nighttime safety while featuring an elegant ambiance with a brightness of 244lm/m.

LRF-I

Flex

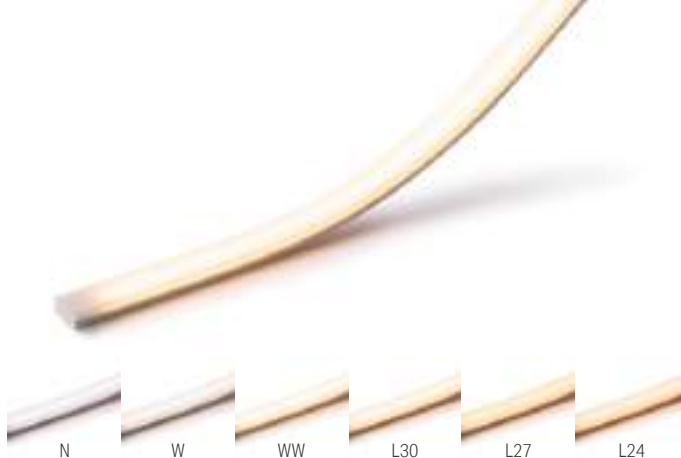
Color management
MacAdam



L90>B10
50K

1 years
warranty

- Revolutionize designs with sleek 5.8mm dot-free tape light!
9.7 W/m, 535 lm/m
- Beautiful surface emission enhances the versatility of design possibilities
- Available in 160 different lengths ranging from 25mm to 4000mm
for indoor specification



Model No. (Open end)

LRF - T□□□□ - □ - □ - DF - I - 9

Model No. (Connector)

LRF - T□□□□ - □ - □ - DF - I - 9 (C)

Product Name	Length	Lead wire	Light source color	Tube type	Environment	Wattage	Connector
LRF	Custom order length	W : Both ends S : One end	N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L24 : 2400K	DF : Diffuser	I : Indoor	9 : 9.7 W/m	(C) : Connector

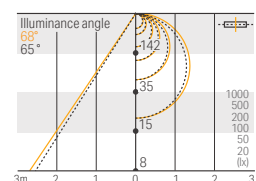
Specification

Wattage (W/m)	9.7
Weight	67 g / 1012mm
Luminaire efficacy (lm/W) @2700K	55.4
Lumen output	
Light source color (Code)	
	Delivered CCT CRI Luminaire flux (lm/m)
N 5000K 4100K Ra 96	620
W 4000K 3400K Ra 91	642
WW 3500K 3000K Ra 90	624
L30 3000K 2700K Ra 90	566
L27 2700K 2400K Ra 91	535
L24 2400K 2200K Ra 89	491

General Specification

Input voltage	DC24V
Environment	Indoor (no condensation)
Max. length Per circuit	4m
Min. bending range	R75mm
Material (body)	Silicone
Certification	CE
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi)

Light distribution curve



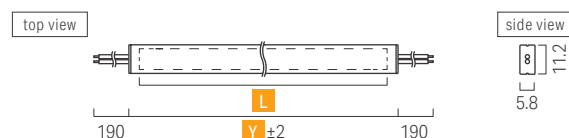
LRF-T1000□-L27-DF-□-9

Light source color 2700K
Brightness 142 cd
Luminous flux 535 lm
Color rendering index Ra 91

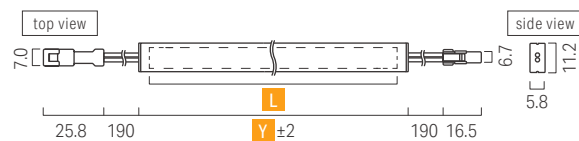


External dimensions

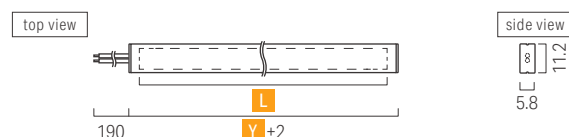
Both ends lead wire, Open end



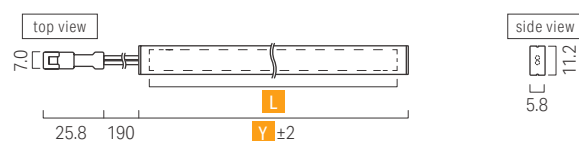
Both ends lead wire, Connector



One end lead wire, Open end



One end lead wire, Connector



End point of lead wires

Open end



Connector

One end / Both ends



Both ends

More detail



- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

Custom order length

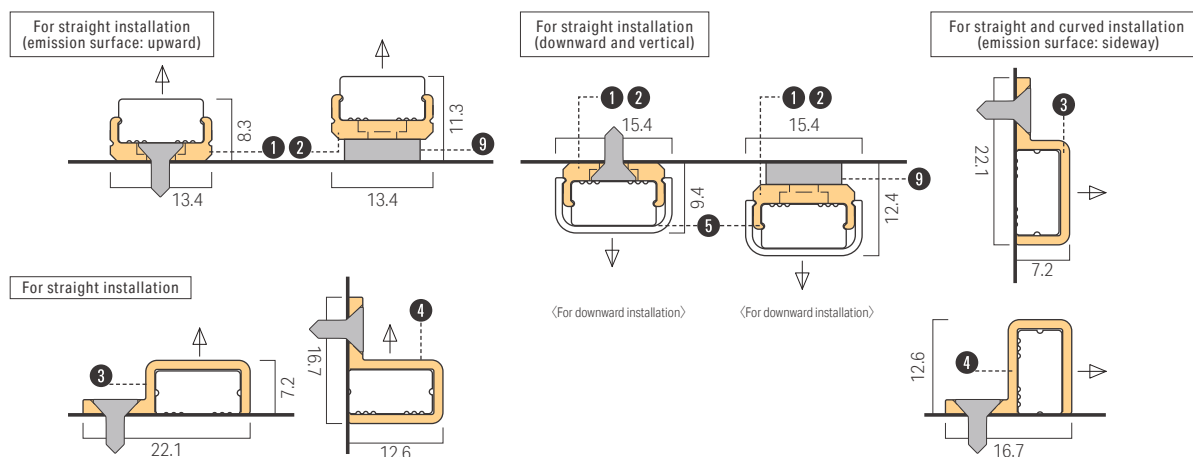
Corresponds to	Length of Model No. and External dimensions		
Length	Length (mm) L	Fitting length (mm) Y	Wattage (W)
0025	25	37	0.2
0050	50	62	0.5
0075	75	87	0.7
0100	100	112	1.0
0125	125	137	1.2
0150	150	162	1.5
0175	175	187	1.7
0200	200	212	1.9
0225	225	237	2.2
0250	250	262	2.4
0275	275	287	2.7
0300	300	312	2.9
0325	325	337	3.1
0350	350	362	3.4
0375	375	387	3.6
0400	400	412	3.9
0425	425	437	4.1
0450	450	462	4.4
0475	475	487	4.6
0500	500	512	4.8
0525	525	537	5.1
0550	550	562	5.3
0575	575	587	5.6
0600	600	612	5.8
0625	625	637	6.1
0650	650	662	6.3
0675	675	687	6.5
0700	700	712	6.8
0725	725	737	7.0
0750	750	762	7.3
0775	775	787	7.5
0800	800	812	7.7
0825	825	837	8.0
0850	850	862	8.2
0875	875	887	8.5
0900	900	912	8.7
0925	925	937	9.0
0950	950	962	9.2
0975	975	987	9.4
1000	1000	1012	9.7
1025	1025	1038	9.9
1050	1050	1063	10.2
1075	1075	1088	10.4
1100	1100	1113	10.6
1125	1125	1138	10.9
1150	1150	1163	11.1
1175	1175	1188	11.4
1200	1200	1213	11.6
1225	1225	1238	11.9
1250	1250	1263	12.1
1275	1275	1288	12.3
1300	1300	1313	12.6
1325	1325	1338	12.8
1350	1350	1363	13.1
1375	1375	1388	13.3

Corresponds to	Length of Model No. and External dimensions		
Length	Length (mm) L	Fitting length (mm) Y	Wattage (W)
1400	1400	1413	13.6
1425	1425	1438	13.8
1450	1450	1463	14.0
1475	1475	1488	14.3
1500	1500	1513	14.5
1525	1525	1538	14.8
1550	1550	1563	15.0
1575	1575	1588	15.2
1600	1600	1613	15.5
1625	1625	1638	15.7
1650	1650	1663	16.0
1675	1675	1688	16.2
1700	1700	1713	16.5
1725	1725	1738	16.7
1750	1750	1763	16.9
1775	1775	1788	17.2
1800	1800	1813	17.4
1825	1825	1838	17.7
1850	1850	1863	17.9
1875	1875	1888	18.2
1900	1900	1913	18.4
1925	1925	1938	18.6
1950	1950	1963	18.9
1975	1975	1988	19.1
2000	2000	2013	19.4
2025	2025	2039	19.6
2050	2050	2064	19.8
2075	2075	2089	20.1
2100	2100	2114	20.3
2125	2125	2139	20.6
2150	2150	2164	20.8
2175	2175	2189	21.1
2200	2200	2214	21.3
2225	2225	2239	21.5
2250	2250	2264	21.8
2275	2275	2289	22.0
2300	2300	2314	22.3
2325	2325	2339	22.5
2350	2350	2364	22.7
2375	2375	2389	23.0
2400	2400	2414	23.2
2425	2425	2439	23.5
2450	2450	2464	23.7
2475	2475	2489	24.0
2500	2500	2514	24.2
2525	2525	2539	24.4
2550	2550	2564	24.7
2575	2575	2589	24.9
2600	2600	2614	25.2
2625	2625	2639	25.4
2650	2650	2664	25.7
2675	2675	2689	25.9
2700	2700	2714	26.1
2725	2725	2739	26.4
2750	2750	2764	26.6

Corresponds to	Length of Model No. and External dimensions		
Length	Length (mm) L	Fitting length (mm) Y	Wattage (W)
2775	2775	2789	26.9
2800	2800	2814	27.1
2825	2825	2839	27.3
2850	2850	2864	27.6
2875	2875	2889	27.8
2900	2900	2914	28.1
2925	2925	2939	28.3
2950	2950	2964	28.6
2975	2975	2989	28.8
3000	3000	3014	29.0
3025	3025	3040	29.3
3050	3050	3065	29.5
3075	3075	3090	29.8
3100	3100	3115	30.0
3125	3125	3140	30.3
3150	3150	3165	30.5
3175	3175	3190	30.7
3200	3200	3215	31.0
3225	3225	3240	31.2
3250	3250	3265	31.5
3275	3275	3290	31.7
3300	3300	3315	31.9
3325	3325	3340	32.2
3350	3350	3365	32.4
3375	3375	3390	32.7
3400	3400	3415	32.9
3425	3425	3440	33.2
3450	3450	3465	33.4
3475	3475	3490	33.6
3500	3500	3515	33.9
3525	3525	3540	34.1
3550	3550	3565	34.4
3575	3575	3590	34.6
3600	3600	3615	34.8
3625	3625	3640	35.1
3650	3650	3665	35.3
3675	3675	3690	35.6
3700	3700	3715	35.8
3725	3725	3740	36.1
3750	3750	3765	36.3
3775	3775	3790	36.5
3800	3800	3815	36.8
3825	3825	3840	37.0
3850	3850	3865	37.3
3875	3875	3890	37.5
3900	3900	3915	37.8
3925	3925	3940	38.0
3950	3950	3965	38.2
3975	3975	3990	38.5
4000	4000	4015	38.7

Luci RIMiT® flex Indoor

Cross sectional view with accessories



Accessories

1 Mounting rail 1000 for RIMiT flex

Model No: LRF-RL1000

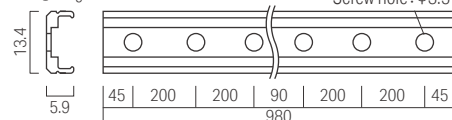
980mm

For straight installation

Magnet mounting available

7 Magnet set A

Screw hole: $\Phi 3.5$



2 Aluminium mounting rail 1000 for RIMiT flex

Model No: LRF-RL1000-AL

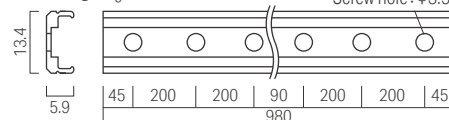
980mm

For straight installation

Magnet mounting available

7 Magnet set A

Screw hole: $\Phi 3.5$



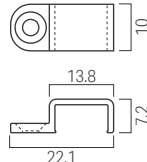
3 Mounting clip A for RIMiT flex

Model No: LRF-PT-A

5pcs/1bag

For straight and curved installation

Magnet installation not supported



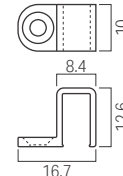
4 Mounting clip B for RIMiT flex

Model No: LRF-PT-B

5pcs/1bag

For straight and curved installation

Magnet installation not supported

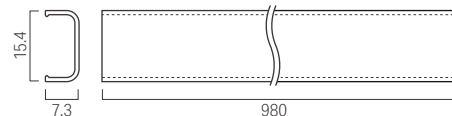


5 Rail cover for RIMiT flex

Model No: LRF-C1000

Fixing the luminaire to the mounting rail

Corresponding rail: 1 Mounting rail, 2 Aluminium mounting rail



6 Clip J for Lead Wire

Model No: LRM-PT-J

5pcs/1bag

For securing the joining of two cables



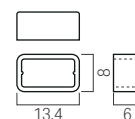
8 Outercap B for RIMiT flex Attachment

Model No: LRF-PT-C

1pcs/1bag

1pcs per 1 open-ended fixture

For sealing the open end of LED fixture after cutting



7 Power supply cable 3M

Model No: CAD-3000-MEFE-O

1 pcs per circuit for connecting the LED fixture to power supply or dimmer driver.



9 Magnet set R for rail

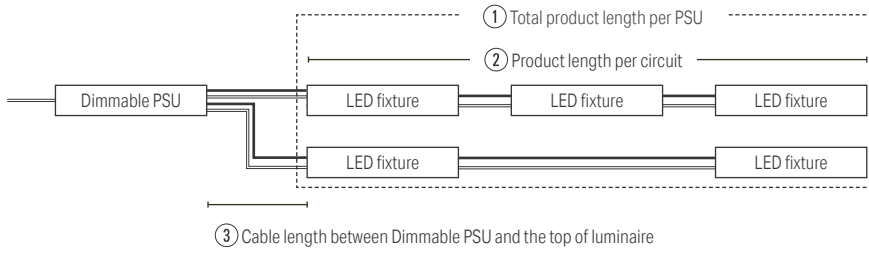
Model No: MG-R

4sets / 1 bag

Corresponding rail: 1 Mounting rail, 2 Aluminium mounting rail



System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refet to ▶
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232

Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refet to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU			PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
			DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
LRF-T**-*-DF-I-9	9.7	4	* Split into multiple circuit						
			12.3*	9.2*	14.4*	8.6*	6.4*	4.3*	2.8

Luci RIMiT® flex IP65

LRF-O



Flex

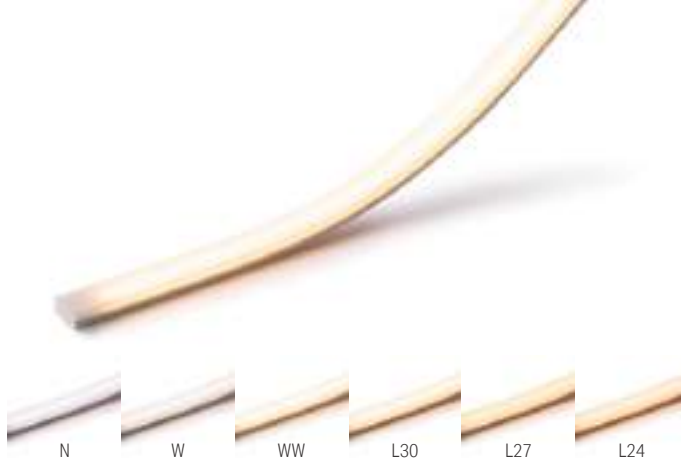
Color management
MacAdam



L90>B10
50K

1 years
warranty

- Revolutionize designs with sleek 5.8mm dot-free tape light!
9.7 W/m, 535 lm/m
- Beautiful surface emission enhances the versatility of design possibilities
- Available in 160 different lengths ranging from 25mm to 4000mm
for IP65 specification



Model No.

LRF - T□□□□ - □ - □ - DF - O - 9						
Product Name	Length	Lead wire	Light source color	Tube type	Environment	Wattage
LRF	Custom order length	W : Both ends S : One end	N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L24 : 2400K	DF : Diffuser	O : Outdoor	9 : 9.7 W/m

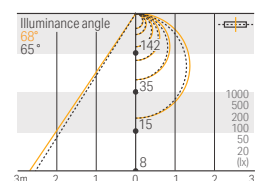
Specification

Wattage (W/m)				9.7
Weight				67 g / 1012mm
Luminaire efficacy (lm/W) @2700K				55.4
Lumen output				
Light source color (Code)				
	Delivered CCT		CRI	Luminaire flux (lm/m)
N	5000K	4100K	Ra 96	620
W	4000K	3400K	Ra 91	642
WW	3500K	3000K	Ra 90	624
L30	3000K	2700K	Ra 90	566
L27	2700K	2400K	Ra 91	535
L24	2400K	2200K	Ra 89	491

General Specification

Input voltage	DC24V
Environment	Outdoor (no condensation) , IP65
Max. length Per circuit	4m
Min. bending range	R75mm
Material (body)	Silicone
Certification	CE
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi)

Light distribution curve



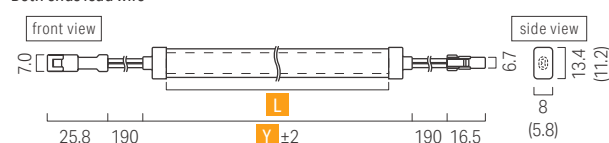
LRF-T1000 □ - L27-DF - □ - 9

Light source color 2700K
Brightness 142 cd
Luminous flux 535 lm
Color rendering index Ra 91

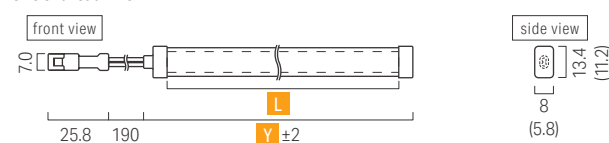


External dimensions

Both ends lead wire



One end lead wire



End point of lead wires

Connector

One end / Both ends



Both ends

More detail



- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

Custom order length

Corresponds to **Length** of Model No. and External dimensions

Length	length (mm) 	Fitting length (mm) 		Wattage (W)
		Both ends	One end	
0025	25	47	43	0.2
0050	50	72	68	0.5
0075	75	97	93	0.7
0100	100	122	118	1.0
0125	125	147	143	1.2
0150	150	172	168	1.5
0175	175	197	193	1.7
0200	200	222	218	1.9
0225	225	247	243	2.2
0250	250	272	268	2.4
0275	275	297	293	2.7
0300	300	322	318	2.9
0325	325	347	343	3.1
0350	350	372	368	3.4
0375	375	397	393	3.6
0400	400	422	418	3.9
0425	425	447	443	4.1
0450	450	472	468	4.4
0475	475	497	493	4.6
0500	500	522	518	4.8
0525	525	547	543	5.1
0550	550	572	568	5.3
0575	575	597	593	5.6
0600	600	622	618	5.8
0625	625	647	643	6.1
0650	650	672	668	6.3
0675	675	697	693	6.5
0700	700	722	718	6.8
0725	725	747	743	7.0
0750	750	772	768	7.3
0775	775	797	793	7.5
0800	800	822	818	7.7
0825	825	847	843	8.0
0850	850	872	868	8.2
0875	875	897	893	8.5
0900	900	922	918	8.7
0925	925	947	943	9.0
0950	950	972	968	9.2
0975	975	997	993	9.4
1000	1000	1022	1018	9.7
1025	1025	1048	1044	9.9
1050	1050	1073	1069	10.2
1075	1075	1098	1094	10.4
1100	1100	1123	1119	10.6
1125	1125	1148	1144	10.9
1150	1150	1173	1169	11.1
1175	1175	1198	1194	11.4
1200	1200	1223	1219	11.6
1225	1225	1248	1244	11.9
1250	1250	1273	1269	12.1
1275	1275	1298	1294	12.3
1300	1300	1323	1319	12.6
1325	1325	1348	1344	12.8
1350	1350	1373	1369	13.1
1375	1375	1398	1394	13.3

Corresponds to **Length** of Model No. and External dimensions

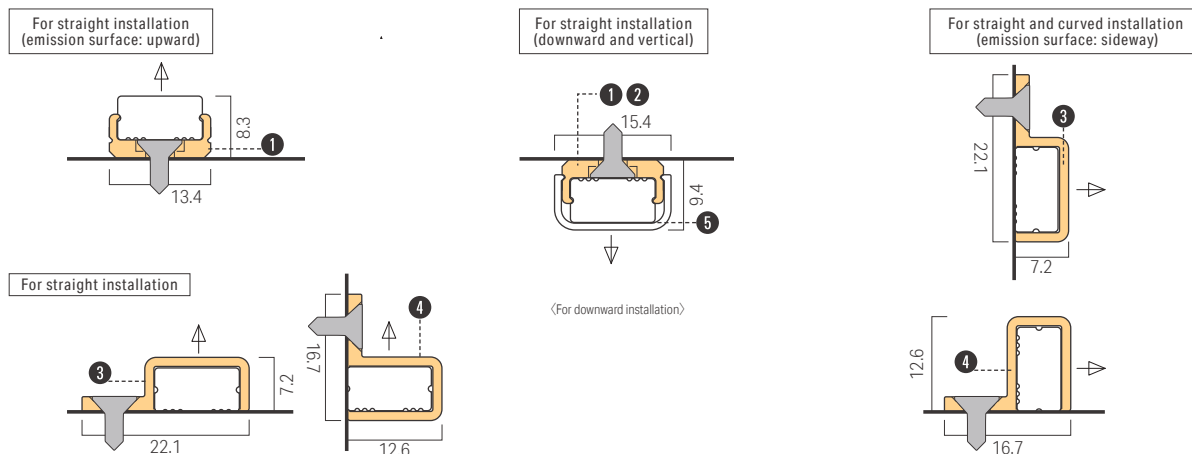
Length	length (mm) 	Fitting length (mm) 		Wattage (W)
		Both ends	One end	
1400	1400	1423	1419	13.6
1425	1425	1448	1444	13.8
1450	1450	1473	1469	14.0
1475	1475	1498	1494	14.3
1500	1500	1523	1519	14.5
1525	1525	1548	1544	14.8
1550	1550	1573	1569	15.0
1575	1575	1598	1594	15.2
1600	1600	1623	1619	15.5
1625	1625	1648	1644	15.7
1650	1650	1673	1669	16.0
1675	1675	1698	1694	16.2
1700	1700	1723	1719	16.5
1725	1725	1748	1744	16.7
1750	1750	1773	1769	16.9
1775	1775	1798	1794	17.2
1800	1800	1823	1819	17.4
1825	1825	1848	1844	17.7
1850	1850	1873	1869	17.9
1875	1875	1898	1894	18.2
1900	1900	1923	1919	18.4
1925	1925	1948	1944	18.6
1950	1950	1973	1969	18.9
1975	1975	1998	1994	19.1
2000	2000	2023	2019	19.4
2025	2025	2049	2045	19.6
2050	2050	2074	2070	19.8
2075	2075	2099	2095	20.1
2100	2100	2124	2120	20.3
2125	2125	2149	2145	20.6
2150	2150	2174	2170	20.8
2175	2175	2199	2195	21.1
2200	2200	2224	2220	21.3
2225	2225	2249	2245	21.5
2250	2250	2274	2270	21.8
2275	2275	2299	2295	22.0
2300	2300	2324	2320	22.3
2325	2325	2349	2345	22.5
2350	2350	2374	2370	22.7
2375	2375	2399	2395	23.0
2400	2400	2424	2420	23.2
2425	2425	2449	2445	23.5
2450	2450	2474	2470	23.7
2475	2475	2499	2495	24.0
2500	2500	2524	2520	24.2
2525	2525	2549	2545	24.4
2550	2550	2574	2570	24.7
2575	2575	2599	2595	24.9
2600	2600	2624	2620	25.2
2625	2625	2649	2645	25.4
2650	2650	2674	2670	25.7
2675	2675	2699	2695	25.9
2700	2700	2724	2720	26.1
2725	2725	2749	2745	26.4
2750	2750	2774	2770	26.6

Corresponds to **Length** of Model No. and External dimensions

Length	length (mm) 	Fitting length (mm) 		Wattage (W)
		Both ends	One end	
2775	2775	2799	2795	26.9
2800	2800	2824	2820	27.1
2825	2825	2849	2845	27.3
2850	2850	2874	2870	27.6
2875	2875	2899	2895	27.8
2900	2900	2924	2920	28.1
2925	2925	2949	2945	28.3
2950	2950	2974	2970	28.6
2975	2975	2999	2995	28.8
3000	3000	3024	3020	29.0
3025	3025	3050	3046	29.3
3050	3050	3075	3071	29.5
3075	3075	3100	3096	29.8
3100	3100	3125	3121	30.0
3125	3125	3150	3146	30.3
3150	3150	3175	3171	30.5
3175	3175	3200	3196	30.7
3200	3200	3225	3221	31.0
3225	3225	3250	3246	31.2
3250	3250	3275	3271	31.5
3275	3275	3300	3296	31.7
3300	3300	3325	3321	31.9
3325	3325	3350	3346	32.2
3350	3350	3375	3371	32.4
3375	3375	3400	3396	32.7
3400	3400	3425	3421	32.9
3425	3425	3450	3446	33.2
3450	3450	3475	3471	33.4
3475	3475	3500	3496	33.6
3500	3500	3525	3521	33.9
3525	3525	3550	3546	34.1
3550	3550	3575	3571	34.4
3575	3575	3600	3596	34.6
3600	3600	3625	3621	34.8
3625	3625	3650	3646	35.1
3650	3650	3675	3671	35.3
3675	3675	3700	3696	35.6
3700	3700	3725	3721	35.8
3725	3725	3750	3746	36.1
3750	3750	3775	3771	36.3
3775	3775	3800	3796	36.5
3800	3800	3825	3821	36.8
3825	3825	3850	3846	37.0
3850	3850	3875	3871	37.3
3875	3875	3900	3896	37.5
3900	3900	3925	3921	37.8
3925	3925	3950	3946	38.0
3950	3950	3975	3971	38.2
3975	3975	4000	3996	38.5
4000	4000	4025	4021	38.7

Luci RIMiT® flex IP65

Cross sectional view with accessories



Accessories

1 Mounting rail 1000 for RIMiT flex

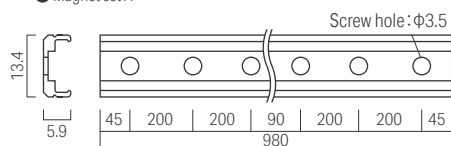
Model No: LRF-RL1000

980mm

For straight installation

Magnet mounting available

7 Magnet set A



2 Aluminium mounting rail 1000 for RIMiT flex

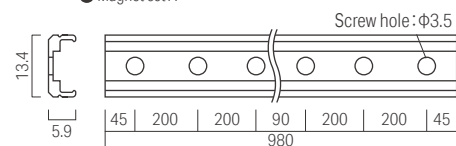
Model No: LRF-RL1000-AL

980mm

For straight installation

Magnet mounting available

7 Magnet set A



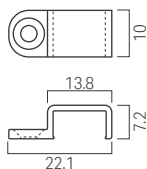
3 Mounting clip A for RIMiT flex

Model No: LRF-PT-A

5pcs/1bag

For straight and curved installation

Magnet installation not supported



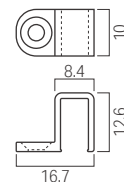
4 Mounting clip B for RIMiT flex

Model No: LRF-PT-B

5pcs/1bag

For straight and curved installation

Magnet installation not supported

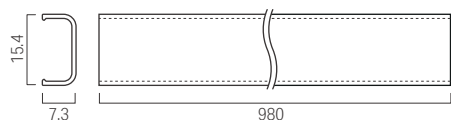


5 Rail cover for RIMiT flex

Model No: LRF-C1000

Fixing the luminaire to the mounting rail

Corresponding rail: 1 Mounting rail, 2 Aluminium mounting rail



6 Clip J for Lead Wire

Model No: LRM-PT-J

5pcs/1bag

For securing the joining of two cables



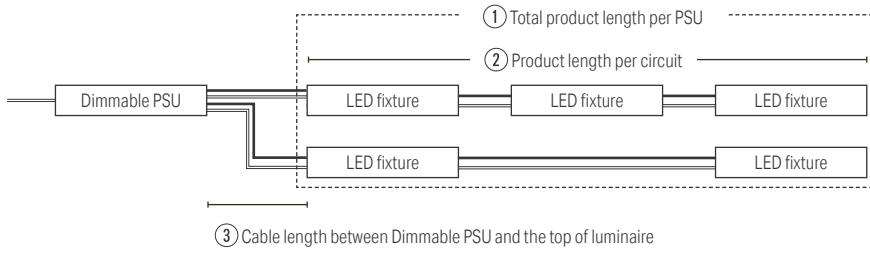
7 Power supply cable 3M

Model No: CAD-3000-MEFE-O

1 pcs per circuit for connecting the LED fixture to power supply or dimmer driver.



System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

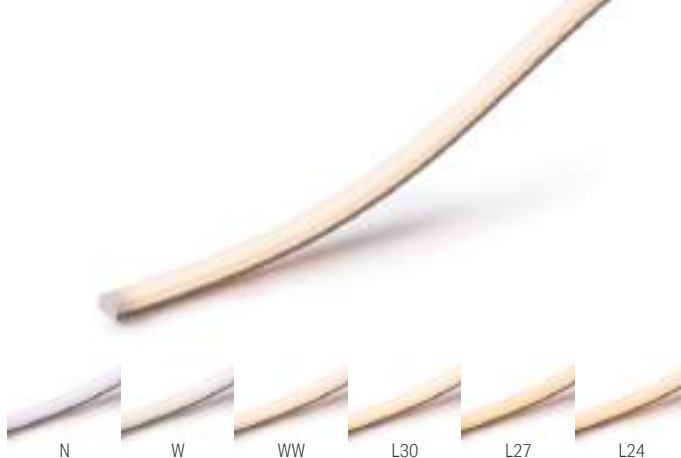
Model No.	Size (mm) (L × W × H)	Refet to ▶
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232

Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refet to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU			PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
			DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
LRF-T**-*-DF-O-9	9.7	4	* Split into multiple circuit						
			12.3*	9.2*	14.4*	8.6*	6.4*	4.3*	2.8

- Unique flexible strip light featuring a dot-free design, ideal for a wide range of creative designs and applications both indoors and outdoors.
- Exceptionally slim design emitting a soothing brightness at 244lm per meter
- Customizable from 25mm to 4000mm, with on-site length adjustments available for the indoor version, ensuring for a perfect fit.



Model No.(Open end)

LRFS - T□□□□ - □ - □ - DF - I - 4

Model No.(Connector)

LRFS - T□□□□ - □ - □ - DF - I - 4 (C)

Product Name	Length	Lead wire	Light source color	Tube type	Environment	Wattage	Connector
LRFS	Custom order length	W : Both ends S : One end	N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L24 : 2400K	DF : Diffuser	I : Indoor	4 : 4.5 W/m	(C) : Connector

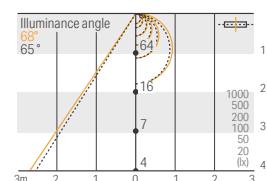
Specification

Wattage (W/m)	4.5
Weight	47 g / 1012 mm
Luminaire efficacy (lm/W) @2700K	54.2
Lumen output	
Light source color (Code)	
	Delivered CCT CRI Luminaire flux (lm/m)
N 5000K 4100K Ra 93	257
W 4000K 3400K Ra 94	289
WW 3500K 3000K Ra 92	287
L30 3000K 2700K Ra 93	256
L27 2700K 2400K Ra 93	244
L24 2400K 2200K Ra 91	237

General Specification

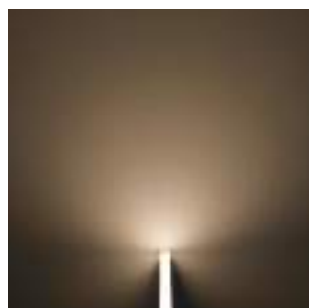
Input voltage	DC24V
Environment	Indoor (no condensation)
Max. length Per circuit	4m
Min. bending range	R75mm
Material (body)	Silicone
Certification	CE
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi)

Light distribution curve



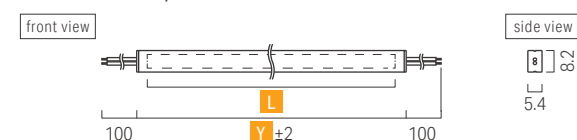
LRFS-T1000□-L27-DF-□-4

Light source color 2700K
Brightness 64 cd
Luminous flux 244 lm
Color rendering index Ra 93

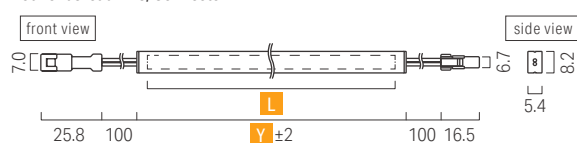


External dimensions

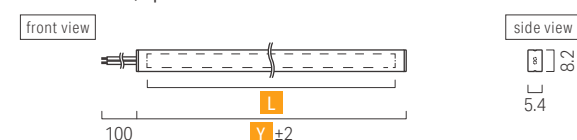
Both ends lead wire, Open end



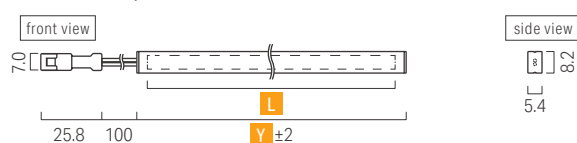
Both ends lead wire, Connector



One end lead wire, Open end



One end lead wire, Connector



End point of lead wires

Open end



Connector

One end / Both ends



Both ends

More detail



- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

Custom order length

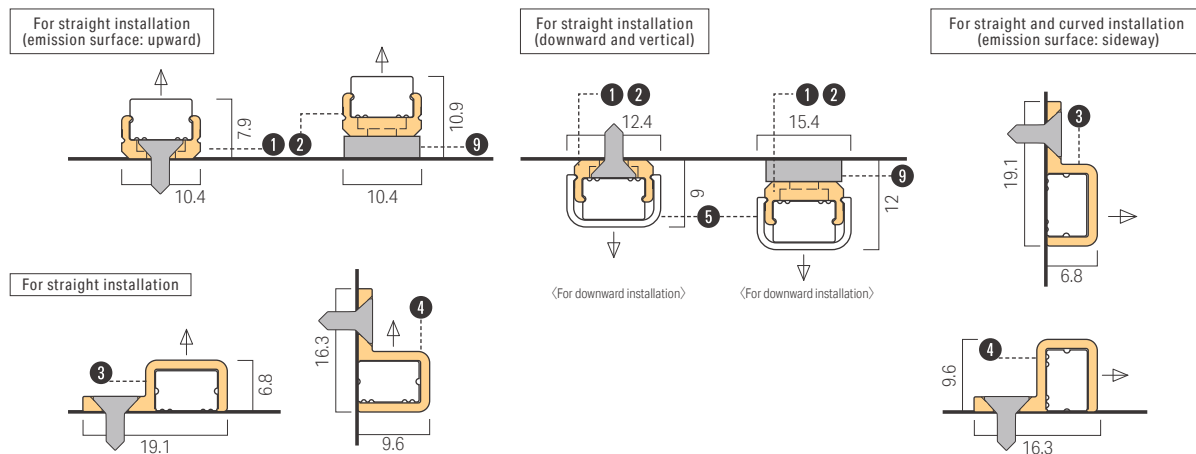
Corresponds to	Length of Model No. and External dimensions			
Length	Length (mm) L	Fitting length (mm) Y	Wattage (W)	
0025	25	37	0.1	
0050	50	62	0.2	
0075	75	87	0.3	
0100	100	112	0.5	
0125	125	137	0.6	
0150	150	162	0.7	
0175	175	187	0.8	
0200	200	212	0.9	
0225	225	237	1.0	
0250	250	262	1.1	
0275	275	287	1.2	
0300	300	312	1.4	
0325	325	337	1.5	
0350	350	362	1.6	
0375	375	387	1.7	
0400	400	412	1.8	
0425	425	437	1.9	
0450	450	462	2.0	
0475	475	487	2.1	
0500	500	512	2.3	
0525	525	537	2.4	
0550	550	562	2.5	
0575	575	587	2.6	
0600	600	612	2.7	
0625	625	637	2.8	
0650	650	662	2.9	
0675	675	687	3.1	
0700	700	712	3.2	
0725	725	737	3.3	
0750	750	762	3.4	
0775	775	787	3.5	
0800	800	812	3.6	
0825	825	837	3.7	
0850	850	862	3.8	
0875	875	887	4.0	
0900	900	912	4.1	
0925	925	937	4.2	
0950	950	962	4.3	
0975	975	987	4.4	
1000	1000	1012	4.5	
1025	1025	1038	4.6	
1050	1050	1063	4.7	
1075	1075	1088	4.9	
1100	1100	1113	5.0	
1125	1125	1138	5.1	
1150	1150	1163	5.2	
1175	1175	1188	5.3	
1200	1200	1213	5.4	
1225	1225	1238	5.5	
1250	1250	1263	5.7	
1275	1275	1288	5.8	
1300	1300	1313	5.9	
1325	1325	1338	6.0	
1350	1350	1363	6.1	
1375	1375	1388	6.2	

Corresponds to	Length of Model No. and External dimensions			
Length	Length (mm) L	Fitting length (mm) Y	Wattage (W)	
1400	1400	1413	6.3	
1425	1425	1438	6.4	
1450	1450	1463	6.6	
1475	1475	1488	6.7	
1500	1500	1513	6.8	
1525	1525	1538	6.9	
1550	1550	1563	7.0	
1575	1575	1588	7.1	
1600	1600	1613	7.2	
1625	1625	1638	7.3	
1650	1650	1663	7.5	
1675	1675	1688	7.6	
1700	1700	1713	7.7	
1725	1725	1738	7.8	
1750	1750	1763	7.9	
1775	1775	1788	8.0	
1800	1800	1813	8.1	
1825	1825	1838	8.2	
1850	1850	1863	8.4	
1875	1875	1888	8.5	
1900	1900	1913	8.6	
1925	1925	1938	8.7	
1950	1950	1963	8.8	
1975	1975	1988	8.9	
2000	2000	2013	9.0	
2025	2025	2039	9.2	
2050	2050	2064	9.3	
2075	2075	2089	9.4	
2100	2100	2114	9.5	
2125	2125	2139	9.6	
2150	2150	2164	9.7	
2175	2175	2189	9.8	
2200	2200	2214	9.9	
2225	2225	2239	10.1	
2250	2250	2264	10.2	
2275	2275	2289	10.3	
2300	2300	2314	10.4	
2325	2325	2339	10.5	
2350	2350	2364	10.6	
2375	2375	2389	10.7	
2400	2400	2414	10.8	
2425	2425	2439	11.0	
2450	2450	2464	11.1	
2475	2475	2489	11.2	
2500	2500	2514	11.3	
2525	2525	2539	11.4	
2550	2550	2564	11.5	
2575	2575	2589	11.6	
2600	2600	2614	11.8	
2625	2625	2639	11.9	
2650	2650	2664	12.0	
2675	2675	2689	12.1	
2700	2700	2714	12.2	
2725	2725	2739	12.3	
2750	2750	2764	12.4	

Corresponds to	Length of Model No. and External dimensions			
Length	Length (mm) L	Fitting length (mm) Y	Wattage (W)	
2775	2775	2789	12.5	
2800	2800	2814	12.7	
2825	2825	2839	12.8	
2850	2850	2864	12.9	
2875	2875	2889	13.0	
2900	2900	2914	13.1	
2925	2925	2939	13.2	
2950	2950	2964	13.3	
2975	2975	2989	13.4	
3000	3000	3014	13.6	
3025	3025	3040	13.7	
3050	3050	3065	13.8	
3075	3075	3090	13.9	
3100	3100	3115	14.0	
3125	3125	3140	14.1	
3150	3150	3165	14.2	
3175	3175	3190	14.4	
3200	3200	3215	14.5	
3225	3225	3240	14.6	
3250	3250	3265	14.7	
3275	3275	3290	14.8	
3300	3300	3315	14.9	
3325	3325	3340	15.0	
3350	3350	3365	15.1	
3375	3375	3390	15.3	
3400	3400	3415	15.4	
3425	3425	3440	15.5	
3450	3450	3465	15.6	
3475	3475	3490	15.7	
3500	3500	3515	15.8	
3525	3525	3540	15.9	
3550	3550	3565	16.0	
3575	3575	3590	16.2	
3600	3600	3615	16.3	
3625	3625	3640	16.4	
3650	3650	3665	16.5	
3675	3675	3690	16.6	
3700	3700	3715	16.7	
3725	3725	3740	16.8	
3750	3750	3765	17.0	
3775	3775	3790	17.1	
3800	3800	3815	17.2	
3825	3825	3840	17.3	
3850	3850	3865	17.4	
3875	3875	3890	17.5	
3900	3900	3915	17.6	
3925	3925	3940	17.7	
3950	3950	3965	17.9	
3975	3975	3990	18.0	
4000	4000	4015	18.1	

Luci RIMiT® flex-s Indoor

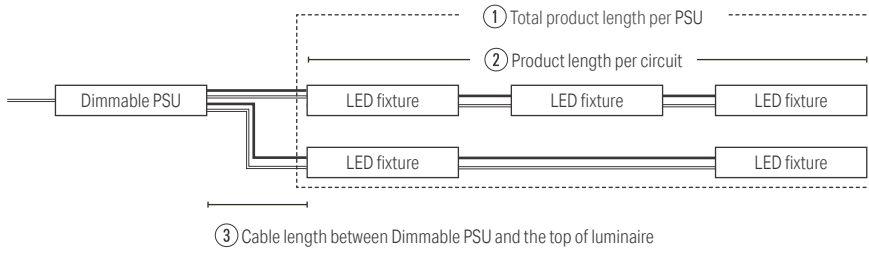
Cross sectional view with accessories



Accessories

1 Mounting rail 1000 for RIMiT flex-s Model No: LRFS-RL1000 980mm For straight installation Magnet mounting available 7 Magnet set A Screw hole: $\Phi 3.5$	2 Aluminium mounting rail 1000 for RIMiT flex-s Model No: LRFS-RL1000-AL 980mm For straight installation Magnet mounting available 7 Magnet set A Screw hole: $\Phi 3.5$
3 Mounting clip A for RIMiT flex-s Model No: LRFS-PT-A 5pcs/1bag For straight and curved installation Magnet installation not supported	4 Mounting clip B for RIMiT flex-s Model No: LRFS-PT-B 5pcs/1bag For straight and curved installation Magnet installation not supported
5 Rail cover for RIMiT flex-s Model No: LRFS-C1000 Fixing the luminaire to the mounting rail Corresponding rail: 1 Mounting rail, 2 Aluminium mounting rail	6 Clip J for Lead Wire Model No: LRM-PT-J 5pcs/1bag For securing the joining of two cables
7 Power supply cable 3M Model No: CAD-3000-MEFE-O 1 pcs per circuit for connecting the LED fixture to power supply or dimmer driver.	8 Outercap B for RIMiT flex-s Attachment Model No: LRFS-PT-C 1pcs/1bag 1pcs per 1 open-ended fixture For sealing the open end of LED fixture after cutting
9 Magnet set R for rail Model No: MG-R 4sets / 1 bag Corresponding rail: 1 Mounting rail, 2 Aluminium mounting rail	

System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refet to ▶
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232

Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refet to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU			PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
			DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
LRFS-T**-DF-I-4	4.5	4	* Split into multiple circuit						
			26.6	20	31.1	18.6	14	9.3	6.2

Luci RIMiT® flex-s IP65

LRFS-0

Flex-s

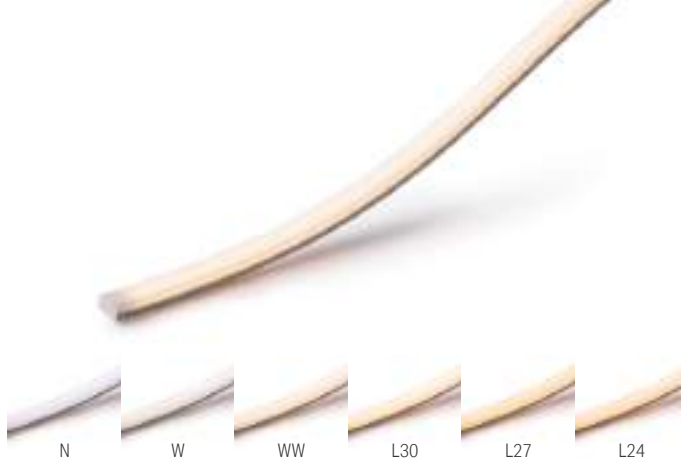
Color management
MacAdam



L90>B10
50K

1 years
warranty

- Unique flexible strip light featuring a dot-free design, ideal for a wide range of creative designs and applications both indoors and outdoors.
- Exceptionally slim design emitting a soothing brightness at 244lm per meter
- Customizable from 25mm to 4000mm, ensuring for a perfect fit.



Model No.

LRFS	-	T	□	□	□	-	□	-	□	-	DF	-	O	-	4
Product Name	-	Length				-	Lead wire	-	Light source color	-	Tube type	-	Environment	-	Wattage
LRFS	-	Custom order length				-	W : Both ends S : One end	-	N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L24 : 2400K	-	DF : Diffuser	-	I : Outdoor	-	4 : 4.5 W/m

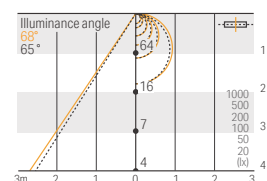
Specification

Wattage (W/m)	4.5		
Weight	47 g / 1012mm		
Luminaire efficacy (lm/W) @2700K	54.2		
Lumen output			
Light source color (Code)			
	Delivered CCT	CRI	Luminaire flux (lm/m)
N 5000K	4100K	Ra 93	257
W 4000K	3400K	Ra 94	289
WW 3500K	3000K	Ra 92	287
L30 3000K	2700K	Ra 93	256
L27 2700K	2400K	Ra 93	244
L24 2400K	2200K	Ra 91	237

General Specification

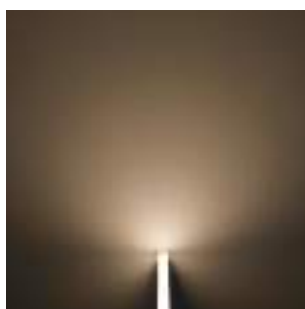
Input voltage	DC24V
Environment	Outdoor (no condensation) , IP65
Max. length Per circuit	4m
Min. bending range	R75mm
Material (body)	Silicone
Certification	CE
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi)

Light distribution curve



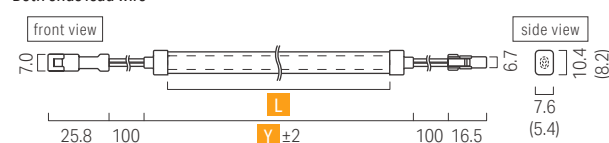
LRFS-T1000 □ - L27-DF - □ - 4

Light source color 2700K
Brightness 64 cd
Luminous flux 244 lm
Color rendering index Ra 93

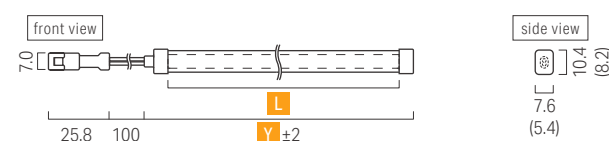


External dimensions

Both ends lead wire



One end lead wire



End point of lead wires

Connector

One end / Both ends



Both ends

More detail



- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

Custom order length

Corresponds to **Length** of Model No. and External dimensions

Length	length (mm) L	Fitting length (mm) Y		Wattage (W)
		Both ends	One end	
0025	25	47	43	0.1
0050	50	72	68	0.2
0075	75	97	93	0.3
0100	100	122	118	0.5
0125	125	147	143	0.6
0150	150	172	168	0.7
0175	175	197	193	0.8
0200	200	222	218	0.9
0225	225	247	243	1.0
0250	250	272	268	1.1
0275	275	297	293	1.2
0300	300	322	318	1.4
0325	325	347	343	1.5
0350	350	372	368	1.6
0375	375	397	393	1.7
0400	400	422	418	1.8
0425	425	447	443	1.9
0450	450	472	468	2.0
0475	475	497	493	2.1
0500	500	522	518	2.3
0525	525	547	543	2.4
0550	550	572	568	2.5
0575	575	597	593	2.6
0600	600	622	618	2.7
0625	625	647	643	2.8
0650	650	672	668	2.9
0675	675	697	693	3.1
0700	700	722	718	3.2
0725	725	747	743	3.3
0750	750	772	768	3.4
0775	775	797	793	3.5
0800	800	822	818	3.6
0825	825	847	843	3.7
0850	850	872	868	3.8
0875	875	897	893	4.0
0900	900	922	918	4.1
0925	925	947	943	4.2
0950	950	972	968	4.3
0975	975	997	993	4.4
1000	1000	1022	1018	4.5
1025	1025	1048	1044	4.6
1050	1050	1073	1069	4.7
1075	1075	1098	1094	4.9
1100	1100	1123	1119	5.0
1125	1125	1148	1144	5.1
1150	1150	1173	1169	5.2
1175	1175	1198	1194	5.3
1200	1200	1223	1219	5.4
1225	1225	1248	1244	5.5
1250	1250	1273	1269	5.7
1275	1275	1298	1294	5.8
1300	1300	1323	1319	5.9
1325	1325	1348	1344	6.0
1350	1350	1373	1369	6.1
1375	1375	1398	1394	6.2

Corresponds to **Length** of Model No. and External dimensions

Length	length (mm) L	Fitting length (mm) Y		Wattage (W)
		Both ends	One end	
1400	1400	1423	1419	6.3
1425	1425	1448	1444	6.4
1450	1450	1473	1469	6.6
1475	1475	1498	1494	6.7
1500	1500	1523	1519	6.8
1525	1525	1548	1544	6.9
1550	1550	1573	1569	7.0
1575	1575	1598	1594	7.1
1600	1600	1623	1619	7.2
1625	1625	1648	1644	7.3
1650	1650	1673	1669	7.5
1675	1675	1698	1694	7.6
1700	1700	1723	1719	7.7
1725	1725	1748	1744	7.8
1750	1750	1773	1769	7.9
1775	1775	1798	1794	8.0
1800	1800	1823	1819	8.1
1825	1825	1848	1844	8.2
1850	1850	1873	1869	8.4
1875	1875	1898	1894	8.5
1900	1900	1923	1919	8.6
1925	1925	1948	1944	8.7
1950	1950	1973	1969	8.8
1975	1975	1998	1994	8.9
2000	2000	2023	2019	9.0
2025	2025	2049	2045	9.2
2050	2050	2074	2070	9.3
2075	2075	2099	2095	9.4
2100	2100	2124	2120	9.5
2125	2125	2149	2145	9.6
2150	2150	2174	2170	9.7
2175	2175	2199	2195	9.8
2200	2200	2224	2220	9.9
2225	2225	2249	2245	10.1
2250	2250	2274	2270	10.2
2275	2275	2299	2295	10.3
2300	2300	2324	2320	10.4
2325	2325	2349	2345	10.5
2350	2350	2374	2370	10.6
2375	2375	2399	2395	10.7
2400	2400	2424	2420	10.8
2425	2425	2449	2445	11.0
2450	2450	2474	2470	11.1
2475	2475	2499	2495	11.2
2500	2500	2524	2520	11.3
2525	2525	2549	2545	11.4
2550	2550	2574	2570	11.5
2575	2575	2599	2595	11.6
2600	2600	2624	2620	11.8
2625	2625	2649	2645	11.9
2650	2650	2674	2670	12.0
2675	2675	2699	2695	12.1
2700	2700	2724	2720	12.2
2725	2725	2749	2745	12.3
2750	2750	2774	2770	12.4

Corresponds to **Length** of Model No. and External dimensions

Length	length (mm) L	Fitting length (mm) Y		Wattage (W)
		Both ends	One end	
2775	2775	2799	2795	12.5
2800	2800	2824	2820	12.7
2825	2825	2849	2845	12.8
2850	2850	2874	2870	12.9
2875	2875	2899	2895	13.0
2900	2900	2924	2920	13.1
2925	2925	2949	2945	13.2
2950	2950	2974	2970	13.3
2975	2975	2999	2995	13.4
3000	3000	3024	3020	13.6
3025	3025	3050	3046	13.7
3050	3050	3075	3071	13.8
3075	3075	3100	3096	13.9
3100	3100	3125	3121	14.0
3125	3125	3150	3146	14.1
3150	3150	3175	3171	14.2
3175	3175	3200	3196	14.4
3200	3200	3225	3221	14.5
3225	3225	3250	3246	14.6
3250	3250	3275	3271	14.7
3275	3275	3300	3296	14.8
3300	3300	3325	3321	14.9
3325	3325	3350	3346	15.0
3350	3350	3375	3371	15.1
3375	3375	3400	3396	15.3
3400	3400	3425	3421	15.4
3425	3425	3450	3446	15.5
3450	3450	3475	3471	15.6
3475	3475	3500	3496	15.7
3500	3500	3525	3521	15.8
3525	3525	3550	3546	15.9
3550	3550	3575	3571	16.0
3575	3575	3600	3596	16.2
3600	3600	3625	3621	16.3
3625	3625	3650	3646	16.4
3650	3650	3675	3671	16.5
3675	3675	3700	3696	16.6
3700	3700	3725	3721	16.7
3725	3725	3750	3746	16.8
3750	3750	3775	3771	17.0
3775	3775	3800	3796	17.1
3800	3800	3825	3821	17.2
3825	3825	3850	3846	17.3
3850	3850	3875	3871	17.4
3875	3875	3900	3896	17.5
3900	3900	3925	3921	17.6
3925	3925	3950	3946	17.7
3950	3950	3975	3971	17.9
3975	3975	4000	3996	18.0
4000	4000	4025	4021	18.1

Max. connectable length per PSU

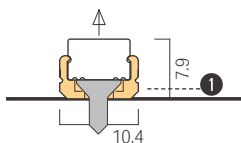
Length of LED fixture (70% loading factor) *: split into multiple circuits	PSU
7.8 m*	50W
15.6 m*	100W
23.4 m*	150W

LRF / LRFS
RIMiT flex seriesLRF-I
RIMiT flex indoorLRF-O
RIMiT flex IP65LRFS-I
RIMiT flex-s indoorLRFS-O
RIMiT flex-s IP65

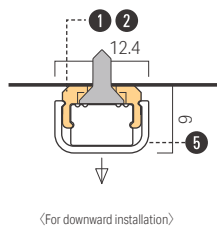
Luci RIMiT® flex-s IP65

Cross sectional view with accessories

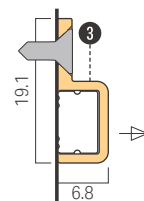
For straight installation
(emission surface: upward)



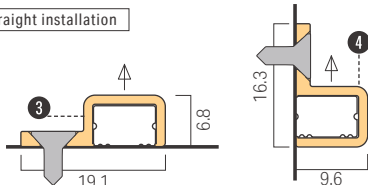
For straight installation
(downward and vertical)



For straight and curved installation
(emission surface: sideways)



For straight installation



Accessories

1 Mounting rail 1000 for RIMiT flex-s

Model No: LRFS-RL1000

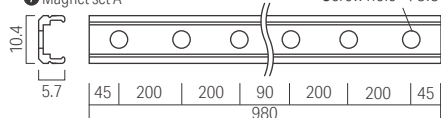
980mm

For straight installation

Magnet mounting available

7 Magnet set A

Screw hole: $\Phi 3.5$



2 Aluminium mounting rail 1000 for RIMiT flex-s

Model No: LRFS-RL1000-AL

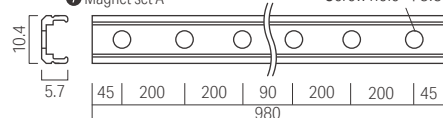
980mm

For straight installation

Magnet mounting available

7 Magnet set A

Screw hole: $\Phi 3.5$



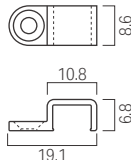
3 Mounting clip A for RIMiT flex-s

Model No: LRFS-PT-A

5pcs/1bag

For straight and curved installation

Magnet installation not supported



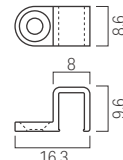
4 Mounting clip B for RIMiT flex-s

Model No: LRFS-PT-B

5pcs/1bag

For straight and curved installation

Magnet installation not supported

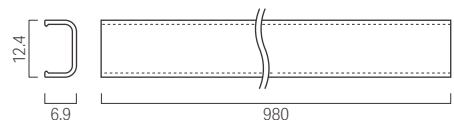


5 Rail cover for RIMiT flex-s

Model No: LRFS-C1000

Fixing the luminaire to the mounting rail

Corresponding rail: 1 Mounting rail, 2 Aluminium mounting rail



6 Clip J for Lead Wire

Model No: LRM-PT-J

5pcs/1bag

For securing the joining of two cables



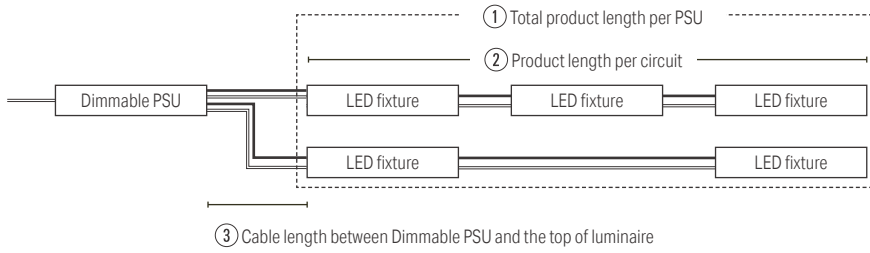
7 Power supply cable 3M

Model No: CAD-3000-MEFE-O

1 pcs per circuit for connecting the LED fixture to power supply or dimmer driver.



System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refet to ▶
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232

Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refet to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU			PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
			DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
LRFS-T**-*-DF-O-4	4.5	4	* Split into multiple circuit						
			26.6	20	31.1	18.6	14	9.3	6.2

LFY-I SHIN series

Application

Ceiling cove



Artyzen Singapore
Location: Singapore Architect office: Ong & Ong Pte Ltd Lighting Design: Nipek Pte Ltd Interior Designer: Nicholas Graham and Associates Interior Contractor: Sunray Woodcraft Construction Photo: Fabian Ong Photography

Shelf



Grissini - Grand Copthorne Waterfront Singapore
Location: Singapore Lighting design: Light Cibles Photo: Alistair Chia

Wall graze



LOUISE BAR
Location: MALAYSIA Lighting design: STUDIO NIMMERSATT Interior design: DWG STUDIO PHOTO: DWG STUDIO - AVINESH KUTTY

Wall graze



Qatar Airways Lounge A&A (T1)
Location: Singapore Lighting design: Meinhardt Light Studio Pte Ltd



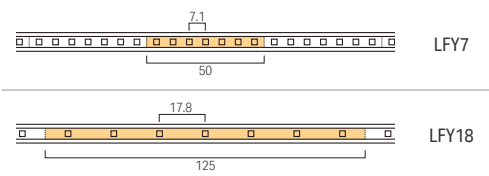
Luci SHIN FLEX Indoor

High-efficiency SHIN FLEX series without compromising on the CRI.
A wide selection of output from 2W/m to 15W/m, with 7 or 18mm pitch.
Encased in a soft acrylic tube,
ensures a long lifetime and minimal color shift.

Specifications

Dimensions

LED pitch and cuttable unit length (mm)



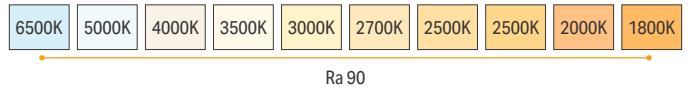
Cross section W 10 x H 4 mm
Standard length 1m with both ends open end wire
Custom order up to 5m lengths at every unit length with both ends or one end feed cable

Cuttable luminaire at site at scissor mark. If a luminaire with a both side feed cable is cut, the left and right sides of the luminaire can be used separately, as if the luminaire were one side feed.

Electrical & Output

Model						
LFY7	Power Consumption (W/m)	2.1	4.2	6.4	10.8	15.9
	Luminous flux @ 3000K (lm/m)	314	594	884	1499	2110
LFY18	Power Consumption (W/m)	2.9	4.9	6.9	10.8	12.7
	Luminous flux @ 3000K (lm/m)	396	658	911	1374	1575

Color temperature

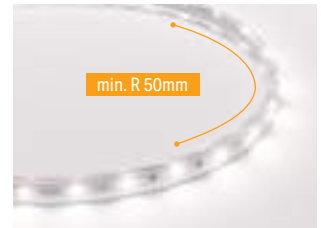


Min Bending radius

R 50mm in top (vertical) bend direction

Soft acrylic tube

High protection, long-lasting and high transparency



Accessories

Mounting rail



45° Mounting rail



Mounting clip

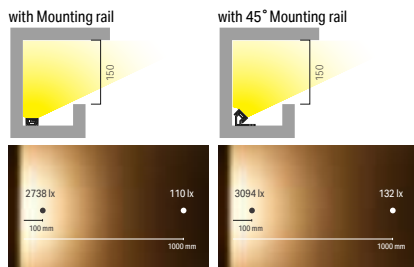


PC Cover



Features

Comparison: 45° Rail (TIPS) vs. Regular Rail



45° Rail

Designed to provide precise angular positioning, ideal for directional lighting or highlighting specific features.
Offers enhanced flexibility for creative lighting designs.

Regular Rail

Standard option for straightforward, linear installations.
Best suited for general lighting applications without the need for angled adjustments.

Key Difference: The 45° rail enables more dynamic and focused lighting setups, while the regular rail is optimal for simple, uniform lighting installations.

Tips to avoid unwanted shadows

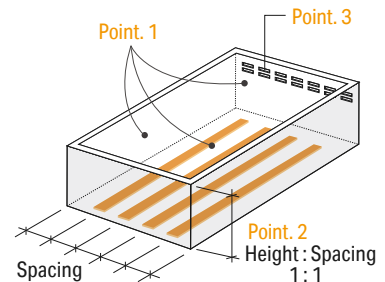


Placing the light fixture too close to the skirting can cause unwanted line shadows due to the beam being partially obstructed.

Recommended: Install the luminaire as far away from the skirting or at the same level as the skirting to ensure a smooth and even light distribution without shadow lines.

This positioning allows the light to spread cleanly and enhances the visual effect of indirect lighting, especially in ceiling coves.

Lighting Layouts with Surface Luminescence



Point 1:

Using white finishes (e.g., paint) inside the installation space enhances light reflection, resulting in brighter and more uniform illumination.

Point 2:

Ensure the spacing between luminaires is shorter than the installation height to avoid uneven lighting and dark spots.

Point 3:

Include ventilation openings to allow heat dissipation. It's recommended to position these openings at the side top of the enclosure, where heat naturally rises.

LFY-I SHIN series

Color management
MacAdam 3 step



L90>B10
60K

- 2 types of LED pitch (7.1 or 17.8mm) for profile and cove lighting
- 5 types of wattage 2W/m to 15W/m in same LED package to match CCT
- High efficient LED package achieving up to 185 lm/m



Model No.

LFY	-	T	-		-		-	CL	-	I	-	
Product Name / LED Pitch		Length		Lead wire		Light source color		Tube type		Environment		Wattage
LFY7 : 7.1mm LFY18 : 17.8mm		Custom order length		W : Both ends S : One end		D : 6500K N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L25 : 2500K L22 : 2200K L20 : 2000K L18 : 1800K		CL : Clear		I : Indoor		LFY7 LFY18 2 : 2.1W/m 2 : 2.9 W/m 4 : 4.2W/m 4 : 4.9 W/m 6 : 6.4W/m 6 : 6.9 W/m 10 : 10.8W/m 10 : 10.8W/m 15 : 15.9W/m 12 : 12.7W/m

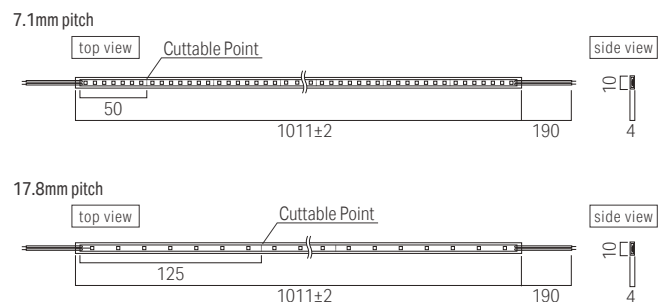
Specification

LED pitch (Code)			7					18				
LED pitch			7.1mm					17.8mm				
Cutttable unit			50mm					125mm				
Wattage (Code)			2	4	6	10	15	2	4	6	10	12
Wattage (W/m)			2.1	4.2	6.4	10.8	15.9	2.9	4.9	6.9	10.8	12.7
Luminaire efficacy (lm/W) @2700K			141	133	132	132	126	129	128	125	121	118
Lumen output												
Light source color (Code)		CRI	Luminaire flux (lm/m)									
D	6500K	Ra 95	337	636	947	1606	2260	424	705	975	1472	1687
N	5000K	Ra 92	334	631	939	1592	2240	420	699	967	1459	1672
W	4000K	Ra 96	328	619	922	1563	2200	413	686	949	1433	1642
WW	3500K	Ra 96	325	614	913	1549	2180	409	680	941	1420	1627
L30	3000K	Ra 94	316	597	888	1506	2120	398	661	915	1381	1583
L27	2700K	Ra 93	298	563	838	1421	2000	375	624	863	1303	1493
L25	2500K	Ra 93	221	417	620	1052	1480	278	462	639	964	1105
L22	2200K	Ra 92	206	388	578	980	1380	259	431	595	899	1030
L20	2000K	Ra 90	188	355	528	895	1260	236	393	544	821	941
L18	1800K	Ra 90	182	343	511	867	1220	229	381	526	795	911

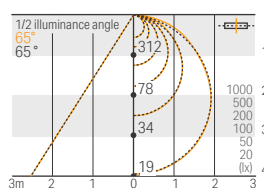
General Specification

Input voltage	DC24V
Environment	IP20 equivalent
Max. length per circuit	5m
Min. bending range	R50mm
Material	Soft acrylic
Certification	CE, PBT FREE
Dimmable	Yes (0-10V, 1-10V, DMX, DALI, PWM, Casambi)

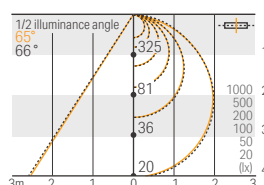
External dimensions



Light distribution curve



LFY7-T1000-L27-CL-I-6
Light source color 2700K
Brightness 312 cd
Luminous flux 838 lm
Color rendering index Ra 93



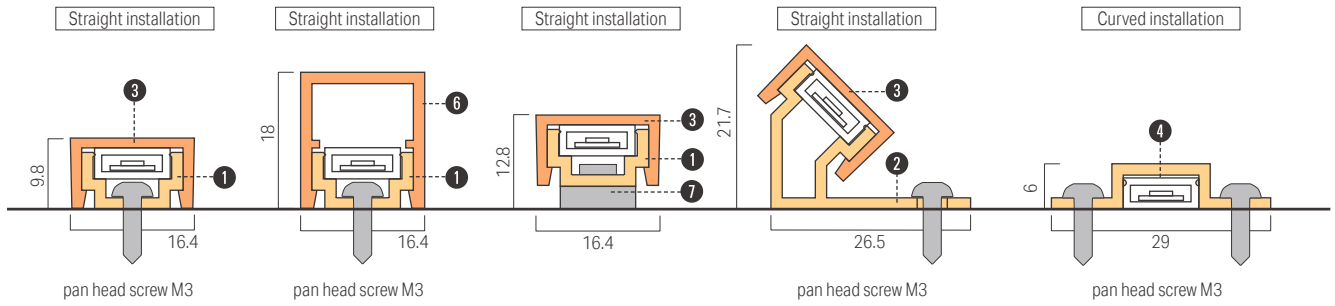
LFY18-T1000-L27-CL-I-6
Light source color 2700K
Brightness 325 cd
Luminous flux 951 lm
Color rendering index Ra 93

More detail

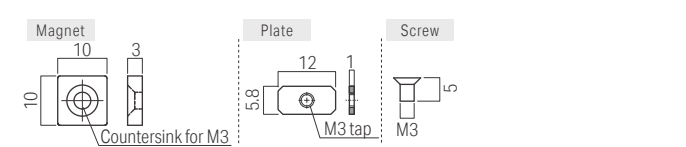
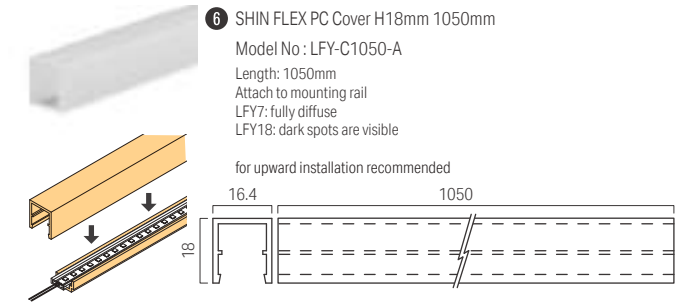
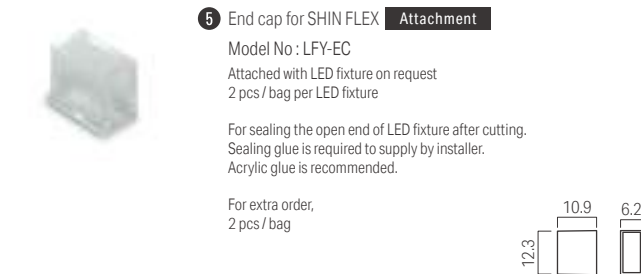
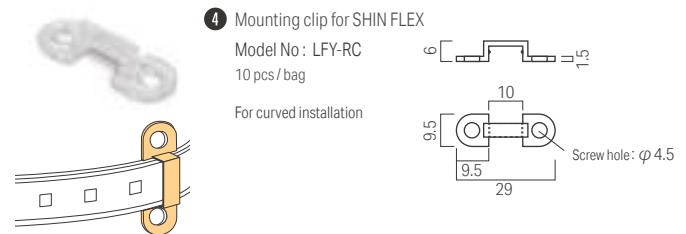
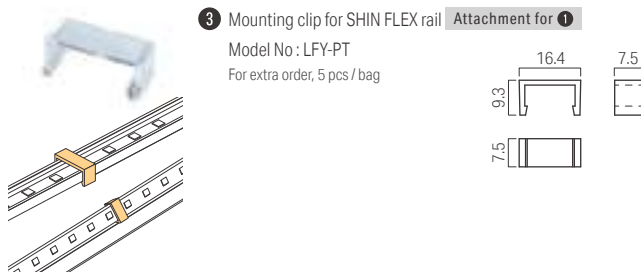
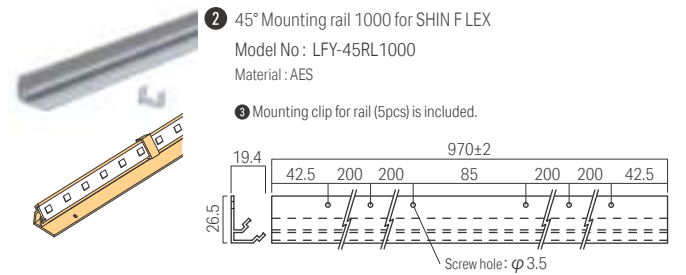
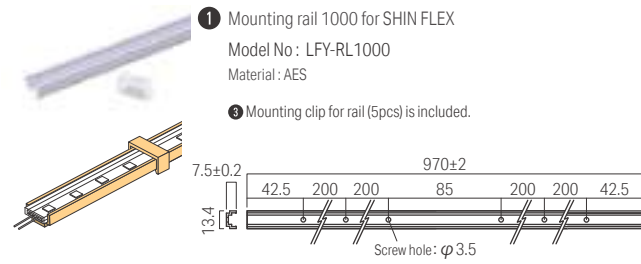


- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

Cross sectional view with accessories



Accessories

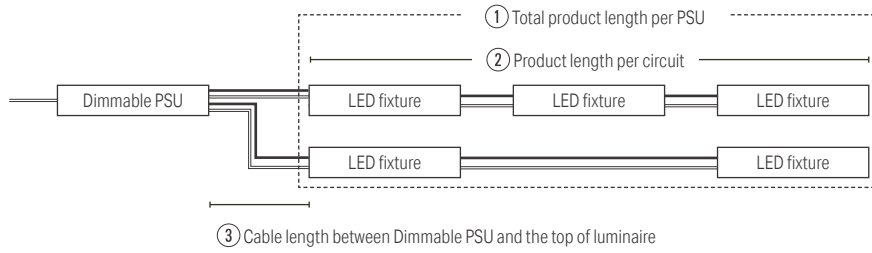


Custom order length

7.1mm pitch										17.8mm pitch				
Corresponds to Length of Model No. and External dimensions										Corresponds to Length of Model No. and External dimensions				
0050	0550	1050	1550	2050	2550	3050	3550	4050	4550	0125	1125	2125	3125	4125
0100	0600	1100	1600	2100	2600	3100	3600	4100	4600	0250	1250	2250	3250	4250
0150	0650	1150	1650	2150	2650	3150	3650	4150	4650	0375	1375	2375	3375	4375
0200	0700	1200	1700	2200	2700	3200	3700	4200	4700	0500	1500	2500	3500	4500
0250	0750	1250	1750	2250	2750	3250	3750	4250	4750	0625	1625	2625	3625	4625
0300	0800	1300	1800	2300	2800	3300	3800	4300	4800	0750	1750	2750	3750	4750
0350	0850	1350	1850	2350	2850	3350	3850	4350	4850	0875	1875	2875	3875	4875
0400	0900	1400	1900	2400	2900	3400	3900	4400	4900	1000	2000	3000	4000	5000
0450	0950	1450	1950	2450	2950	3450	3950	4450	4950					
0500	1000	1500	2000	2500	3000	3500	4000	4500	5000					

Luci SHIN FLEX Indoor

System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refet to ▶
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232

Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refet to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU			PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
			DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
			* Split into multiple circuit						
LFY7-T**-CL-I-2	2.1	5	57.1*	42.8*	66.6*	40*	30*	20*	13.3*
LFY7-T**-CL-I-4	4.2	5	28.5*	21.4	33.3*	20*	15*	10*	6.6*
LFY7-T**-CL-I-6	6.4	5	18.7*	14*	21.8*	13.1*	9.8	6.5*	4.3
LFY7-T**-CL-I-10	10.8	5	11.1*	8.3*	12.9*	7.7*	5.8*	3.8	2.5
LFY7-T**-CL-I-15	15.9	5	7.5*	5.6*	8.8*	5.2*	3.9	2.6	1.7
LFY18-T**-CL-I-2	2.9	5	41.3*	31*	48.2*	28.9*	21.7*	14.4*	9.6*
LFY18-T**-CL-I-4	4.9	5	24.4*	18.3*	28.5*	17.1*	12.8*	8.5*	5.7*
LFY18-T**-CL-I-6	6.9	5	17.3*	13*	20.2*	12.1*	9.1*	6*	4
LFY18-T**-CL-I-10	10.8	5	11.1*	8.3*	12.9*	7.7*	5.8*	3.8	2.5
LFY18-T**-CL-I-12	12.7	5	9.4*	7*	11*	6.6*	4.9	3.3	2.2

Model No.	Wattage (W/m)	Cross section	0.3sq	0.5sq	0.75sq
		Wiregauge	AWG22	AWG20	AWG18
		② Max. length per circuit (m)	③ Max. cable length between PSU and the top of luminaire at ②	② Max. length per circuit (m)	
LFY7-T**-CL-I-2	2.1	5	15.5	25	39
LFY7-T**-CL-I-4	4.2	5	7.8	12.5	20
LFY7-T**-CL-I-6	6.4	5	5.1	8.2	13
LFY7-T**-CL-I-10	10.8	5	3	4.8	7.5
LFY7-T**-CL-I-15	15.9	5	2	3.3	5.2
LFY18-T**-CL-I-2	2.9	5	13.5	22	35
LFY18-T**-CL-I-4	4.9	5	7.2	11.5	18
LFY18-T**-CL-I-6	6.9	5	4.8	7.7	12
LFY18-T**-CL-I-10	10.8	5	3.2	5.1	8
LFY18-T**-CL-I-12	12.7	5	2.6	4.2	6.5

Luci SHIN FLEX Indoor

LFY-I
SHINFLEXIndoor

LFY-O
SHINFLEXIP65

LFTHY
SHINFLEXTHOP®

LFAY
SHINFLEX α

LFXF-I
FLEX α FIndoor

LFXF-O
FLEX α F IP65

Luci SHIN FLEX IP65

LFY-0 **SHIN** series



The Ritz-Carlton Millenia Singapore
Location: Singapore Designer:EXPORT HOUSE (SINGAPORE) PTE LTD Construction:EXPORT HOUSE LIGHTINGS (1973) PTE LTD Photo:MATILDA NG

Application

Canopy



Fairmont hotel
Location:Indonesia

Bench



The Prince Gallery Tokyo Kioicho
Location:Japan Architect office:Nikken Sekkei Ltd Lighting design:Lighting Planners Associates
Construction:KAJIMA CORPORATION, TEKKEN CORPORATION, Kumagai Gumi Co.,Ltd. Consortium Photo:TOSHIO KANEKO

Step



Image

Luci SHIN FLEX IP65

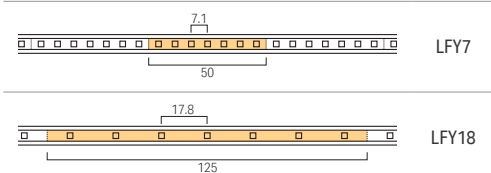
High-efficiency SHIN FLEX series without compromising on the CRI. A wide selection of output from 2W/m to 15W/m, with 7 or 18 mm pitch.

Encased in a soft acrylic tube, ensures a long lifetime and minimal color shift.

Specifications

Dimensions

LED pitch and unit length (mm)



Cross section W 10 x H 4 mm

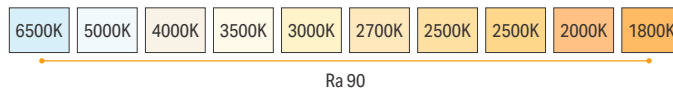
Standard length 1m with both ends open end wire

Custom order up to 4m (LFS7 15W) or 5m (others) length at every unit length with both ends or one end feed cable with IP67 connector. Do not allow to cut the LED fixture and cable at site.

Electrical & Output @2700K

Model						
LFY7	Power Consumption (W/m)	2.1	4.2	6.4	10.8	15.9
	Luminaire efficacy (lm/W)	141	133	132	132	126
LFY18	Power Consumption (W/m)	2.9	4.9	6.9	10.8	12.7
	Luminaire efficacy (lm/W)	129	128	125	121	118

Color temperature



Min Bending radius

R 50mm in top (vertical) bend direction

Soft acrylic tube

High protection, long-lasting and high transparency



Accessories

Mounting rail



45° Mounting rail



Mounting clip



Features

Indirect Outdoor Lighting for Straight Installation



Ideal lighting solution for outdoor linear indirect illumination, designed to provide a smooth, uniform glow while withstanding various weather conditions. With its IP65 rating, it is resistant to dust and water, ensuring durability and reliability for long-term outdoor use. This lighting system enhances architectural structures highlighting contours, edges, and surfaces. Its flexible design allows seamless integration into different outdoor spaces, making it a versatile choice for modern lighting solutions. This lighting is perfect for building facades, outdoor walkways, bridges, landscape accents, and under-canopy structures, where indirect lighting is needed to create a visually appealing and ambient atmosphere. Whether used for commercial buildings, hospitality spaces, or urban landscapes, it adds elegance, enhances visibility, and improves safety while maintaining energy efficiency.

Ideal for illuminating non-reflective materials



Designed for indirect lighting on non-reflective materials as this is used clear sleeve. With its IP65 rating, it is resistant to dust and water, making it suitable for both indoor and outdoor applications. This lighting solution enhances surfaces like wood, stone, concrete, and matte finishes, where you want to highlight the texture of surface and shadows. It is ideal for architectural facades, textured walls, under-canopy areas, landscape features, and signage, where enhances the appearance. By using clear sleeve, it creates a refined, ambient atmosphere while maintaining energy efficiency and long-lasting performance.

High Efficiency

7 mm pitch

Power consumption (W/m)	2.1	4.2	6.4	10.8	15.9
Luminaire efficacy@2700K (lm/W)	141	133	132	132	126

18 mm pitch

Power consumption (W/m)	2.9	4.9	6.9	10.8	12.7
Luminaire efficacy@2700K (lm/W)	139	138	137	136	135

Offers high efficiency in LPD measurements, providing excellent brightness even at lower wattage
This advanced LED package achieves efficiency levels of up to 141 lm/W.

Luci SHIN FLEX IP65

LFY-O SHIN series

Color management
MacAdam 3 step



L90>B10
60K

- 2 types of LED pitch (7.1 or 17.8mm) for profile and cove lighting
- 5 types of wattage 2W/m to 15W/m in same LED package to match CCT
- High efficient LED package achieving up to 185 lm/m



Model No.

LFY	-	T	-		-		-	CL	-	O	-	
Product Name / LED Pitch	-	Length	-	Lead wire	-	Light source color	-	Tube type	-	Environment	-	Wattage
LFY7 : 7.1mm LFY18 : 17.8mm	-	Custom order length	-	W : Both ends S : One end	-	D : 6500K N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L25 : 2500K L22 : 2200K L20 : 2000K L18 : 1800K	-	CL : Clear	-	O : Outdoor	-	LFY7 2 : 2.1W/m 4 : 4.2W/m 6 : 6.4W/m 10 : 10.8W/m 15 : 15.9W/m LFY18 2 : 2.9 W/m 4 : 4.9 W/m 6 : 6.9 W/m 10 : 10.8W/m 12 : 12.7W/m

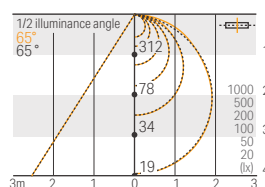
Specification

LED pitch (Code)			7					18				
LED pitch			7.1mm					17.8mm				
Wattage (Code)			2	4	6	10	15	2	4	6	10	12
Wattage (W/m)			2.1	4.2	6.4	10.8	15.9	2.9	4.9	6.9	10.8	12.7
Luminaire efficacy (lm/W) @2700K			141	133	132	132	126	129	128	125	121	118
Lumen output												
Light source color (Code) CRI			Luminaire flux (lm/m)									
D	6500K	Ra 95	337	636	947	1606	2260	424	705	975	1472	1687
N	5000K	Ra 92	334	631	939	1592	2240	420	699	967	1459	1672
W	4000K	Ra 96	328	619	922	1563	2200	413	686	949	1433	1642
WW	3500K	Ra 96	325	614	913	1549	2180	409	680	941	1420	1627
L30	3000K	Ra 94	316	597	888	1506	2120	398	661	915	1381	1583
L27	2700K	Ra 93	298	563	838	1421	2000	375	624	863	1303	1493
L25	2500K	Ra 93	221	417	620	1052	1480	278	462	639	964	1105
L22	2200K	Ra 92	206	388	578	980	1380	259	431	595	899	1030
L20	2000K	Ra 90	188	355	528	895	1260	236	393	544	821	941
L18	1800K	Ra 90	182	343	511	867	1220	229	381	526	795	911

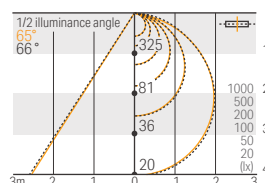
General Specification

Input voltage	DC24V
Environment	IP65
Max. length per circuit	4m (LFY7 15W), 5m (Others)
Min. bending range	R50mm
Material	Soft acrylic
Certification	CE, PBT FREE
Dimmable	Yes (0-10V, 1-10V, DMX, DALI, PWM, Casambi)

Light distribution curve



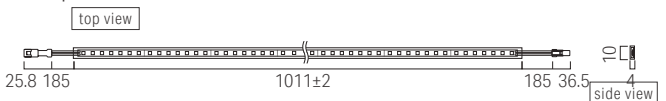
LFY7-T1000-L27-CL- -6
Light source color 2700K
Brightness 312 cd
Luminous flux 838 lm
Color rendering index Ra 93



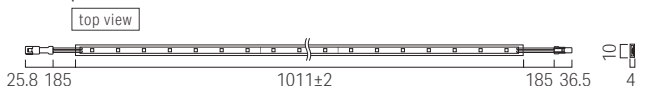
LFY18-T1000-L27-CL- -6
Light source color 2700K
Brightness 325 cd
Luminous flux 951 lm
Color rendering index Ra 93

External dimensions

7.1mm pitch



17.8mm pitch

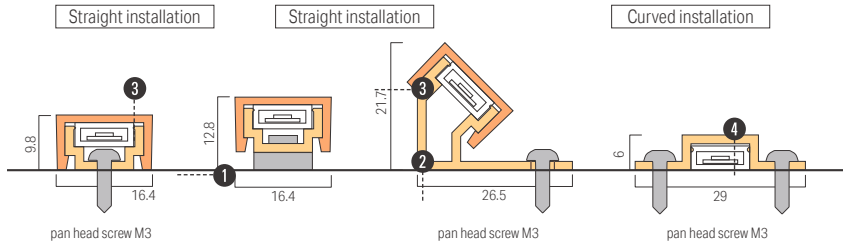


More detail

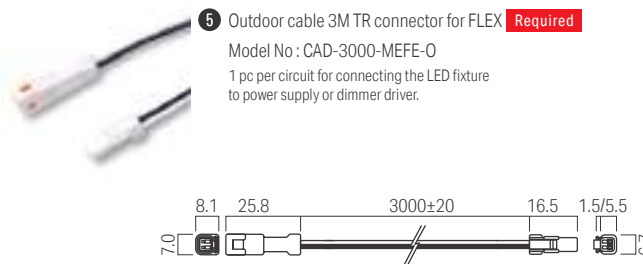
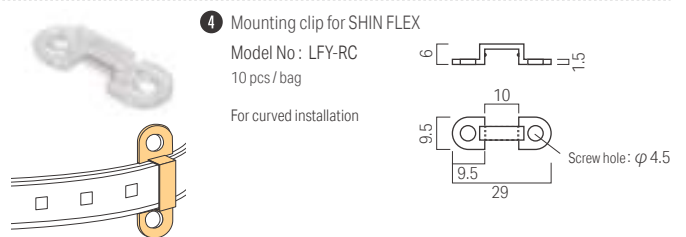
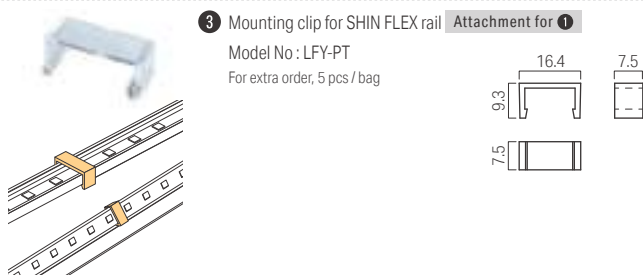
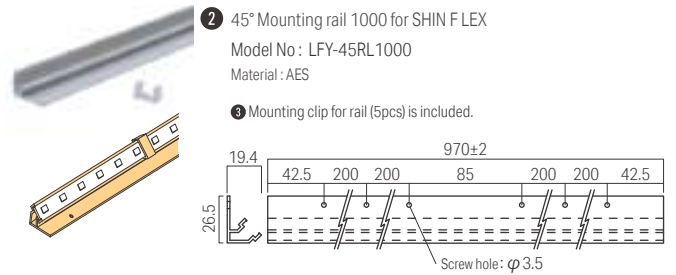
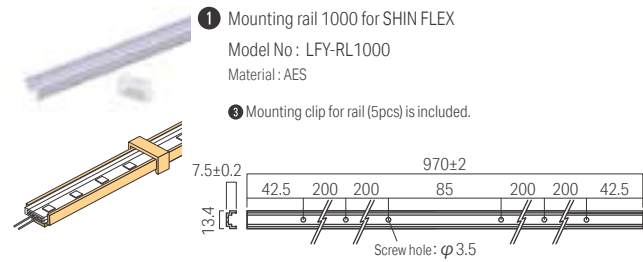


- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

Cross sectional view with accessories



Accessories

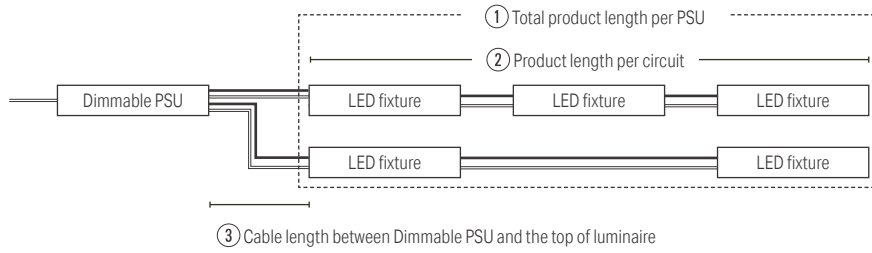


Custom order length

7.1mm pitch										17.8mm pitch				
Corresponds to Length of Model No. and External dimensions										Corresponds to Length of Model No. and External dimensions				
0050	0550	1050	1550	2050	2550	3050	3550	4050	4550	0125	1125	2125	3125	4125
0100	0600	1100	1600	2100	2600	3100	3600	4100	4600	0250	1250	2250	3250	4250
0150	0650	1150	1650	2150	2650	3150	3650	4150	4650	0375	1375	2375	3375	4375
0200	0700	1200	1700	2200	2700	3200	3700	4200	4700	0500	1500	2500	3500	4500
0250	0750	1250	1750	2250	2750	3250	3750	4250	4750	0625	1625	2625	3625	4625
0300	0800	1300	1800	2300	2800	3300	3800	4300	4800	0750	1750	2750	3750	4750
0350	0850	1350	1850	2350	2850	3350	3850	4350	4850	0875	1875	2875	3875	4875
0400	0900	1400	1900	2400	2900	3400	3900	4400	4900	1000	2000	3000	4000	5000
0450	0950	1450	1950	2450	2950	3450	3950	4450	4950					
0500	1000	1500	2000	2500	3000	3500	4000	4500	5000					

Luci SHIN FLEX IP65

System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refet to ▶
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232

Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refet to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU			PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
			DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
			* Split into multiple circuit						
LFY7-T**-CL-O-2	2.1	5	57.1*	42.8*	66.6*	40*	30*	20*	13.3*
LFY7-T**-CL-O-4	4.2	5	28.5*	21.4*	33.3*	20*	15*	10*	6.6*
LFY7-T**-CL-O-6	6.4	5	18.7*	14*	21.8*	13.1*	9.8*	6.5*	4.3
LFY7-T**-CL-O-10	10.8	5	11.1*	8.3*	12.9*	7.7*	5.8*	3.8	2.5
LFY7-T**-CL-O-15	15.9	5	7.5*	5.6*	8.8*	5.2*	3.9	2.6	1.7
LFY18-T**-CL-O-2	2.9	5	41.3*	31*	48.2*	28.9*	21.7*	14.4*	9.6*
LFY18-T**-CL-O-4	4.9	5	24.4*	18.3*	28.5*	17.1*	12.8*	8.5*	5.7*
LFY18-T**-CL-O-6	6.9	5	17.3*	13*	20.2*	12.1*	9.1*	6*	4
LFY18-T**-CL-O-10	10.8	5	11.1*	8.3*	12.9*	7.7*	5.8*	3.8	2.5
LFY18-T**-CL-O-12	12.7	5	9.4*	7*	11*	6.6*	4.9	3.3	2.2

Model No.	Wattage (W/m)	Cross section	0.3sq	0.5sq	0.75sq
		Wiregauge	AWG22	AWG20	AWG18
		② Max. length per circuit (m)	③ Max. cable length between PSU and the top of luminaire at ② Max. length per circuit (m)		
LFY7-T**-CL-O-2	2.1	5	15.5	25	39
LFY7-T**-CL-O-4	4.2	5	7.8	12.5	20
LFY7-T**-CL-O-6	6.4	5	5.1	8.2	13
LFY7-T**-CL-O-10	10.8	5	3	4.8	7.5
LFY7-T**-CL-O-15	15.9	5	2	3.3	5.2
LFY18-T**-CL-O-2	2.9	5	13.5	22	35
LFY18-T**-CL-O-4	4.9	5	7.2	11.5	18
LFY18-T**-CL-O-6	6.9	5	4.8	7.7	12
LFY18-T**-CL-O-10	10.8	5	3.2	5.1	8
LFY18-T**-CL-O-12	12.7	5	2.6	4.2	6.5

Luci SHIN FLEX IP65

LFY-I
SHIN FLEX Indoor

LFY-O
SHIN FLEX IP65

LFTHY
SHIN FLEX THP®

LFAY
SHIN FLEX α

LFXF-I
FLEX α F Indoor

LFXF-O
FLEX α F IP65

LFTHY **SHIN** series



FYC co., Ltd.
Location: Japan Architect office: Construction, Photo: MAC OFFICE



Ito-Yokado Abeno
Location: Japan Architect office: Yoshichu-Mannequin GRID Construction: Yoshichu-Mannequin Lighting Design: Luminous



Application

Counter



chagama Hong Kong
Location: Hong Kong Client: MARUMO MORI Co., Ltd. Design: Sakai Design Associate

Counter



Sumitomo Heavy Industries Group Office
Location: Japan Architect office: Okamura Co. Nakai, Fujita Lighting design: Okamura Co. Nakai Construction: Sumitomo Realty & Development Photo: Okamura Co.

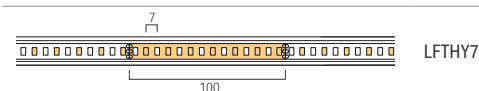
Luci SHIN FLEX THOF®

Customisable up to 5M now
For tunable white or Dim-to-Warm application
Arranging 2 colors of LED package alternately
Free to select 2 CCTs from 10 CCTs

Specifications

Dimensions

LED pitch and cuttable unit length (mm)

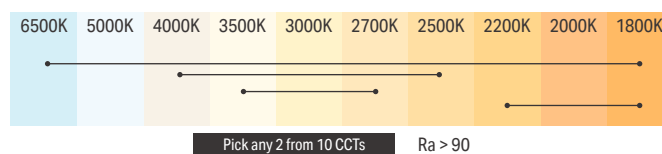


Cross section W 15 x H 4.5 mm

Custom order up to 5m lengths at every unit length with both ends or one end feed cable

Cuttable luminaire at site at scissor mark. If a luminaire with a both side feed cable is cut, the left and right sides of the luminaire can be used separately, as if the luminaire were one side feed.

Color temperature



Electrical & Output @NL27

Model		2	4	6	10	15
Power Consumption (W/m)		2.1	4.2	6.4	10.8	15.9
Luminous flux (lm/m)	5000K 100%, 2700K 0%	167	316	470	796	1120
	5000K 100%, 2700K 100%	316	597	889	1507	2120
	5000K 0%, 2700K 100%	149	282	419	711	1000
Luminous efficiency (L27)		150.4	142.1	138.8	139.5	133.3

Min Bending radius

R 50mm in top (vertical) bend direction



Features

Two-Channel Control for Precision Dimming and Customizable Light Sequences



Requires 2 channels for operation, enabling simple dimming effects and customizable lighting patterns when used with compatible drivers and dimmers. This dual-channel control allows for precise brightness adjustment, creating smooth transitions and dynamic lighting effects tailored to different applications. By utilizing dimmers and drivers, users can achieve gradual dimming, flicker-free adjustments, and customized lighting sequences, enhancing ambiance and energy efficiency. This feature is particularly useful for architectural lighting, hospitality spaces, theaters, and retail displays, where adjustable lighting effects contribute to a sophisticated and adaptable atmosphere.

Dual-CCT LED System Optimized for Tunable White and Dim-to-Warm Application

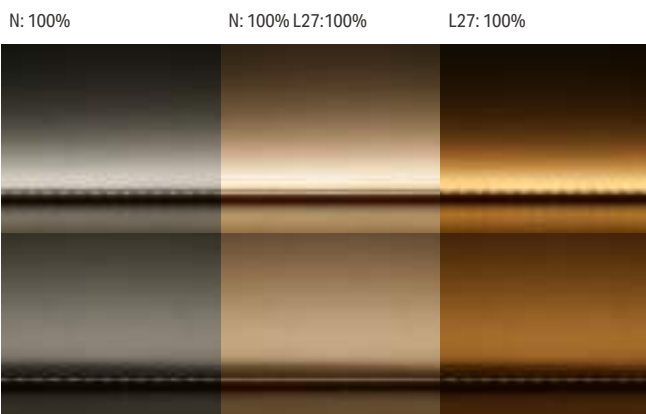
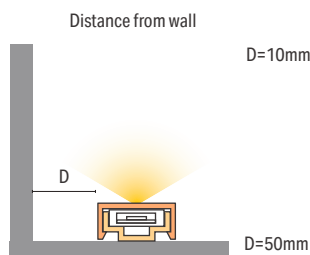


It can be installed within a profile, creating a sleek and refined lighting solution. It is customizable up to 5 meters. Designed for tunable white and dim-to-warm applications, this fixture features an alternating arrangement of two LED color packages, ensuring smooth and natural color transitions. Users can freely select two correlated color temperatures (CCTs) from a range of nine options, allowing for tailored lighting effects that enhance ambiance and adaptability in any space.

Recommended distance

The distance from the wall is a key factor in ensuring smooth, uniform illumination. Due to its high-density LED arrangement and diffused lighting technology, the dotting effect is minimized, even when installed close to the wall.

For optimal performance, a recommended distance of more than 15mm to achieve 100% uniform illumination within the Neutral to 2700K color temperature range. This ensures a seamless, soft glow without visible hotspots or uneven brightness, making it ideal for architectural lighting, indirect wall illumination, cove lighting, and ambient accent lighting.



LFTHY SHIN series

Color management
MacAdam 3 step



L90>B10
60K

- Customisable up to 5m
- For tunable white or Dim-to-Warm application
- Arranging 2 colors of LED package alternately
- Free to select 2 CCTs from 10 CCTs



Model No.

LFTHY7

- T □ □ □ □ -

□

□

CL

I

□

Product Name / LED Pitch	Length	Lead wire	Light source color	Tube type	Environment	Wattage
LFTHY7 : 7.1mm	Custom order length	W : Both ends S : One end	Select 2 CCTs D : 6500K L27 : 2700K N : 5000K L25 : 2500K W : 4000K L22 : 2200K WW : 3500K L20 : 2000K L30 : 3000K L18 : 1800K	CL : Clear	I : Indoor	2 : 2.1W/m 4 : 4.2W/m 6 : 6.4W/m 10 : 10.8W/m 15 : 15.9W/m

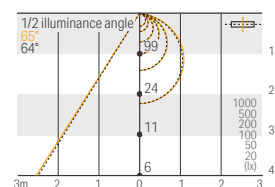
Specification

Wattage (Code)	2	4	6	10	15
Wattage (W/m)	2.1	4.2	6.4	10.8	15.9
Weight	60g / 1011mm				
Cuttable unit	100 mm (14 LED)				

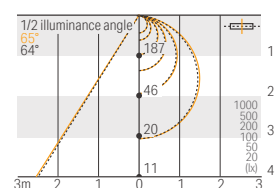
General specification

Input voltage	DC24V
Environment	Indoor (no condensation)
Max. length per circuit	5m
Min. bending range	R50mm
Material	Soft acrylic
Certification	CE, PTB FREE
Dimmable	Yes (Tunable white driver is required)

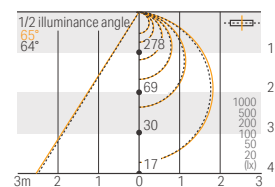
Light distribution curve



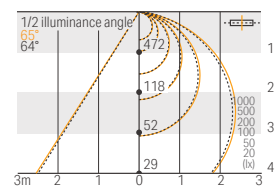
LFTHY7-T1000-NL27-CL-I-2
Light source color 3500K equivalent
N:100%, L27:100%
Brightness 99 cd
Luminous flux 315.9 lm
Color rendering index Ra 95



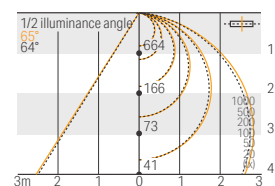
LFTHY7-T1000-NL27-CL-I-4
Light source color 3500K equivalent
N:100%, L27:100%
Brightness 187 cd
Luminous flux 596.8 lm
Color rendering index Ra 95



LFTHY7-T1000-NL27-CL-I-6
Light source color 3500K equivalent
N:100%, L27:100%
Brightness 278 cd
Luminous flux 888.3 lm
Color rendering index Ra 95



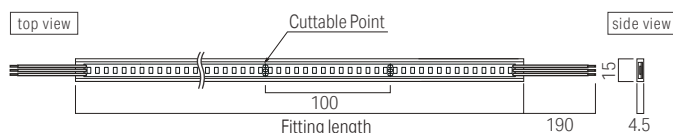
LFTHY7-T1000-NL27-CL-I-10
Light source color 3500K equivalent
N:100%, L27:100%
Brightness 472 cd
Luminous flux 1506.3 lm
Color rendering index Ra 95



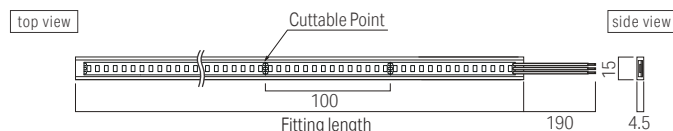
LFTHY7-T1000-NL27-CL-I-15
Light source color 3500K equivalent
N:100%, L27:100%
Brightness 664 cd
Luminous flux 2120 lm
Color rendering index Ra 95

External dimensions

Both ends lead wire



One end lead wire



Custom order length

Corresponds to Length of Model No. and External dimensions

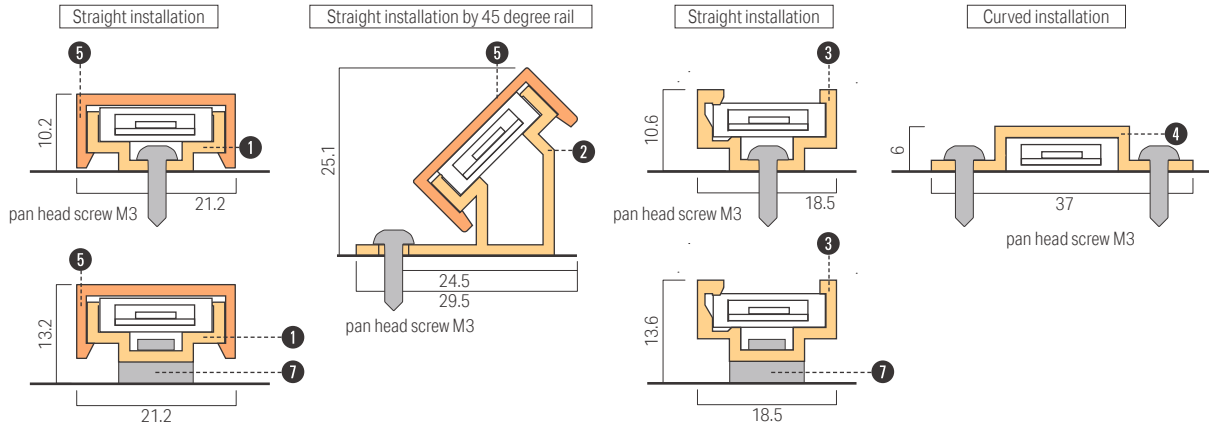
Length	Fitting length(mm)	Length	Fitting length(mm)	Length	Fitting length(mm)
0100	111	2100	2111	4100	4111
0200	211	2200	2211	4200	4211
0300	311	2300	2311	4300	4311
0400	411	2400	2411	4400	4411
0500	511	2500	2511	4500	4511
0600	611	2600	2611	4600	4611
0700	711	2700	2711	4700	4711
0800	811	2800	2811	4800	4811
0900	911	2900	2911	4900	4911
1000	1011	3000	3011	5000	5011
1100	1111	3100	3111		
1200	1211	3200	3211		
1300	1311	3300	3311		
1400	1411	3400	3411		
1500	1511	3500	3511		
1600	1611	3600	3611		
1700	1711	3700	3711		
1800	1811	3800	3811		
1900	1911	3900	3911		
2000	2011	4000	4011		

More detail

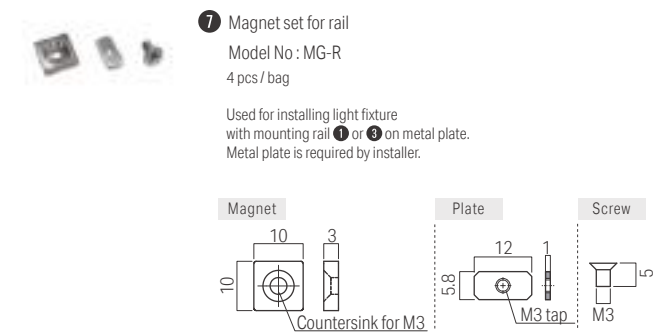
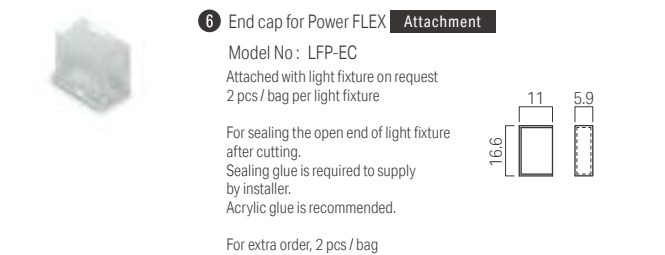
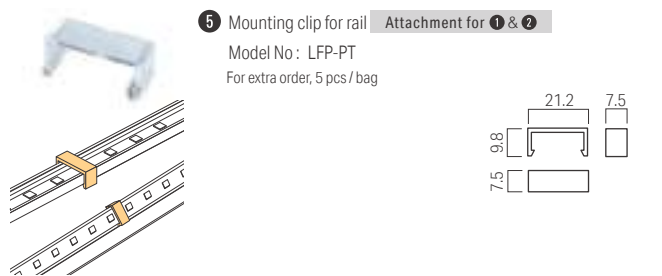
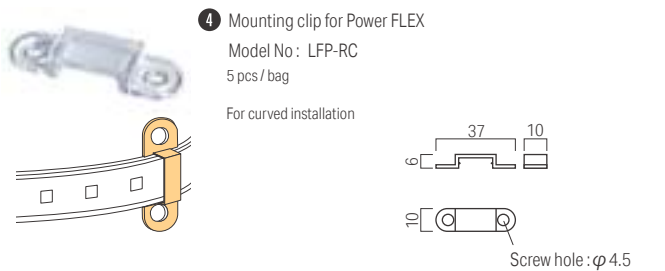
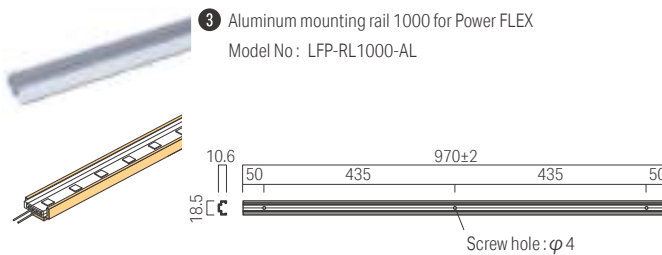
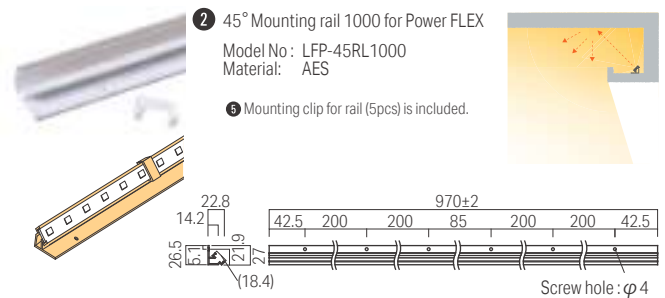
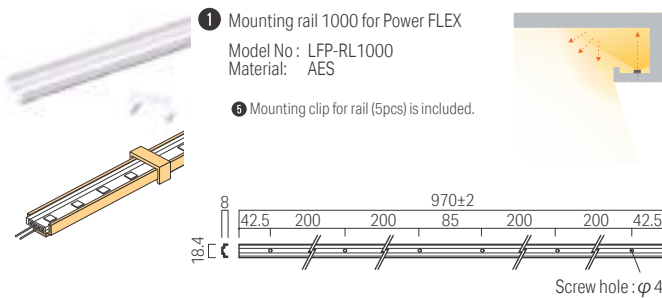


- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

Cross sectional view with accessories



Accessories



LFY-I

LFY-O

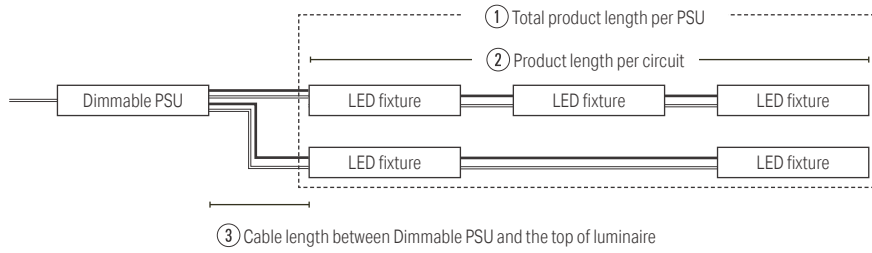
LFTHY

LFAY

LFXF-I

LFXF-O

System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refet to ▶
DIM-S2L8V-0	167 × 51 × 23	P.235

Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refet to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU			DIM-S2L8V-0 (8A x 2ch. MAX)	DIM-S8L8V-0 (8A x 2ch. MAX)	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
			* Split into multiple circuit						
LFTHY-T**-**-I-2	2.1	5	57.1*	42.8*	66.6*	40*	30*	20*	13.3*
LFTHY-T**-**-I-4	4.2	5	28.5*	21.4*	33.3*	20*	15*	10*	6.6*
LFTHY-T**-**-I-6	6.4	5	18.7*	14*	21.8*	13.1*	9.8*	6.5*	4.3
LFTHY-T**-**-I-10	10.8	5	11.1*	8.3*	12.9*	7.7*	5.8*	3.8*	2.5
LFTHY-T**-**-I-15	15.9	5	7.5*	5.6*	8.8*	5.2*	3.9	2.6	1.7
Model No.	Wattage (W/m)	② Max. length per circuit (m)	Cross section	0.3sq	0.5sq	0.75sq	③ Max. cable length between PSU and the top of luminaire at ② Max. length per circuit (m)		
			Wiregauge	AWG22	AWG20	AWG18			
LFTHY-T**-**-I-2	2.1	5		10.4	16.6	26			
LFTHY-T**-**-I-4	4.2	5		5.2	8.3	13			
LFTHY-T**-**-I-6	6.4	5		3.4	5.5	8.7			
LFTHY-T**-**-I-10	10.8	5		2.6	4.2	6.5			
LFTHY-T**-**-I-15	15.9	5		2	3.3	5.2			

CRI and luminous flux data for each CCT combination

Light source color	Inventory	Ratio of output		CRI	2.1W/m		4.2W/m		6.4W/m		10.8W/m		15.9W/m	
					lm/m	lm/W	lm/m	lm/W	lm/m	lm/W	lm/m	lm/W	lm/m	lm/W
D L27	○	D 100%	L27 0%	94	168.4		318.1		473.5		802.9		1130	
		100%	100%	94	317.4	149.4	599.6	141.1	892.5	139.7	1513.4	139.7	2130	134.1
		0%	100%	96	149.0		281.5		419.0		710.5		1000	
D L20	○	D 100%	L20 0%	94	168.4		318.1		473.5		802.9		1130	
		100%	100%	92	262.2	123.5	495.4	116.6	737.4	115.4	1250.5	115.4	1760	110.8
		0%	100%	95	93.9		177.3		264.0		447.6		630	
N L27	○	N 100%	L27 0%	92	166.9		315.3		469.3		795.8		1120	
		100%	100%	94	315.9	148.7	596.8	140.5	888.3	139	1506.3	139	2120	133.5
		0%	100%	95	149.0		281.5		419.0		710.5		1000	
N L20	○	N 100%	L20 0%	92	166.9		315.3		469.3		795.8		1120	
		100%	100%	92	260.8	122.8	492.6	116	733.3	114.7	1243.4	114.7	1750	110.2
		0%	100%	97	93.9		177.3		264.0		447.6		630	

○ = Device inventory

LFAY **SHIN** series

Application

Ceiling cove



Hilton Tokyo Bay
Location: Japan

Ceiling cove



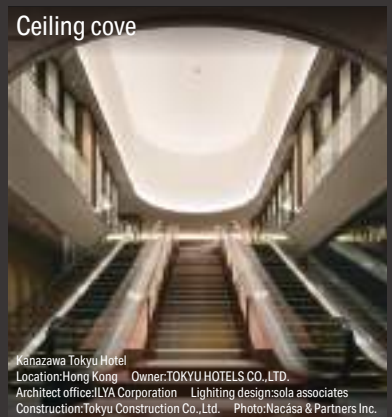
Bus Terminal Tokyo Yaesu
Location: Indonesia Creative Design Direction, Basic Design, Detailed Design: NIHON SEKKEI, INC. Detailed Design, Construction: TAKENAKA CORPORATION
Lighting design: NIHON SEKKEI, INC., LOOP LIGHTING, LLC Photo: ToLoLo studio

Wall graze



The Prince Gallery Tokyo Kioicho
Location: Japan Architect office: Nikken Sekkei Ltd Lighting design: Lighting Planners Associates
Construction: KAJIMA CORPORATION, TEKKEN CORPORATION, Kumagai Gumi Co., Ltd. Consortium Photo: TOSHIO KANEKO

Ceiling cove



Kanazawa Tokyu Hotel
Location: Hong Kong Owner: TOKYU HOTELS CO., LTD.
Architect office: ILLYA Corporation Lighting design: sola associates
Construction: Tokyu Construction Co., Ltd. Photo: Nacasa & Partners Inc.

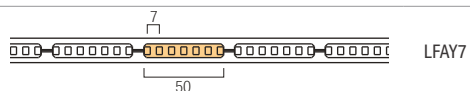
Luci SHIN FLEX α

Increased 262% efficacy, Max. 142 lm/W
Customisable up to 1.5M
Flexible strip with bending sideways suitable for curved application
Cuttable every 7 LEDs (50mm)

Specifications

Dimensions

LED pitch and cuttable unit length (mm)

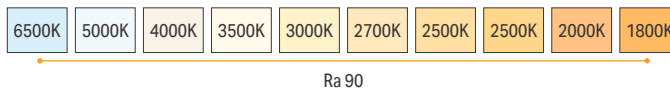


Cross section W 13.7 x H 13.4 mm

Standard length 1014 mm with both ends open end wire

Custom order up to 1.5m lengths at every unit length with both ends or one end feed cable
Cuttable luminaire at site. If a luminaire with a both side feed cable is cut, the left and right sides of the luminaire can be used separately, as if the luminaire were one side feed

Color temperature



Min Bending radius

R 300mm in side (horizontal) bend direction

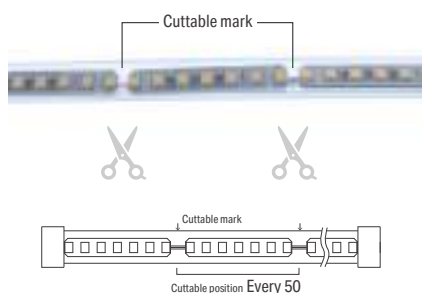


Electrical & Output @2700K

Power Consumption (W/m)	2.1	4.2	6.4	10.8	15.9
Luminous flux (lm/m)	303	571	854	1434	2040
Luminaire efficacy (lm/W)	142.6	134.9	133.6	132.3	128.4

Features

How to Cut the Luminaire

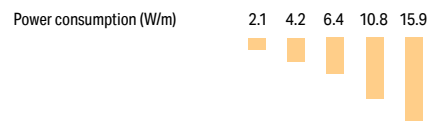


Side bend but the same brightness as top bend

SHIN FLEX α Side bend	SHIN FLEX Top bend
303 lm/m	298 lm/m
571 lm/m	563 lm/m
854 lm/m	838 lm/m
1434 lm/m	1421 lm/m
2040 lm/m	2000 lm/m
@7mm pitch, 2700K	

It offers consistent brightness regardless of the bending direction. Whether installed with a side bend or a top bend, the light output remains uniform, ensuring seamless illumination for any application.

Wattage variations



There are five wattage variations available, ranging from 2W/m to 15W/m, designed within the same LED package to maintain consistency with the CCT.

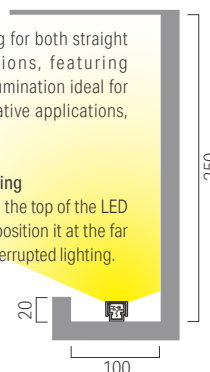
Tip for Curved Cove Lighting



It offers versatile lighting for both straight and curved installations, featuring flexibility and dotless illumination ideal for architectural and decorative applications, including curved ceilings.

Tip for Curved Cove Lighting

To avoid cutoff lines, align the top of the LED with the fascia height or position it at the far corner for seamless, uninterrupted lighting.



Luci SHIN FLEX α

LFAY SHIN series

Color management
MacAdam 3 step



L90>B10
60K

- Updated with low lumen high wattage LED series
- Increased 270% efficacy, Max. 142 lm/W
- Customisable up to 1.5M
- Flexible strip with bending sideways suitable for curved application
- Cuttable every 7 LEDs (50mm)



Model No.

LFAY7

- T□□□□ -

□

□

- CL -

- I -

□

Product Name / LED Pitch	Length	Lead wire	Light source color	Tube type	Environment	Wattage
LFAY7 : 7.1mm	Custom order length	W : Both ends S : One end	D : 6500K N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L25 : 2500K L22 : 2200K L20 : 2000K L18 : 1800K	CL : Clear	I : Indoor	2 : 2.1W/m 4 : 4.2W/m 6 : 6.4W/m 10 : 10.8W/m 15 : 15.9W/m

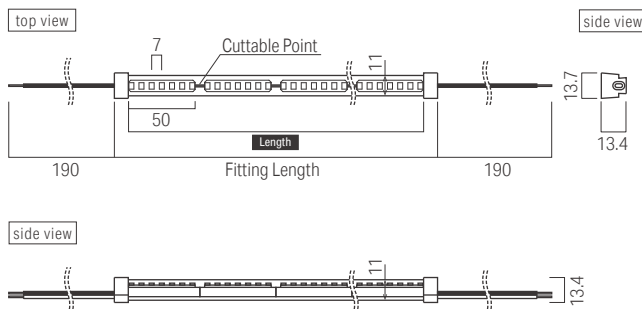
Specification

Wattage (Code)			2	4	6	10	15
Wattage (W/m)			2.1	4.2	6.4	10.8	15.9
Fitting length			Custom order length				
Weight			60g / 1014mm				
Cuttable unit			50 mm (7 LED)				
Luminaire efficacy (lm/W) @2700K			142.6	134.9	133.6	132.3	128.4
Light source color CRI			Luminaire flux (lm/m)				
D	6500K	Ra 95	342	645	965	1620	2305
N	5000K	Ra 92	339	639	956	1606	2284
W	4000K	Ra 96	333	628	939	1577	2244
WW	3500K	Ra 96	330	622	931	1563	2223
L30	3000K	Ra 94	321	605	905	1520	2162
L27	2700K	Ra 93	303	571	854	1434	2040
L25	2500K	Ra 93	224	422	632	1061	1509
L22	2200K	Ra 92	209	394	589	989	1407
L20	2000K	Ra 90	191	359	538	903	1285
L18	1800K	Ra 90	185	348	521	874	1244

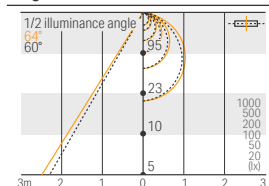
General specification

Input voltage	DC24V
Environment	Indoors (no condensation)
Max. length per circuit	5m
Min. bending range	R300mm
Material	Soft acrylic
Certification	CE, PTB FREE
Dimmable	Yes (0-10V, 1-10V, DMX, DALI, PWM, Casambi)

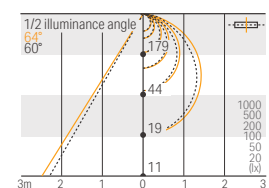
External dimensions



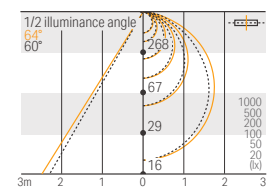
Light distribution curve



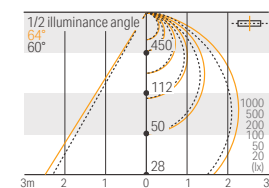
LFAY7-T1000-L27-CL-I-2
Light source color 2700K
Brightness 95 cd
Luminous flux 303 lm
Color rendering index Ra 93



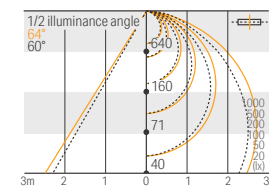
LFAY7-T1000-L27-CL-I-4
Light source color 2700K
Brightness 179 cd
Luminous flux 571 lm
Color rendering index Ra 93



LFAY7-T1000-L27-CL-I-6
Light source color 2700K
Brightness 268 cd
Luminous flux 854 lm
Color rendering index Ra 93



LFAY7-T1000-L27-CL-I-10
Light source color 2700K
Brightness 450 cd
Luminous flux 1434 lm
Color rendering index Ra 93



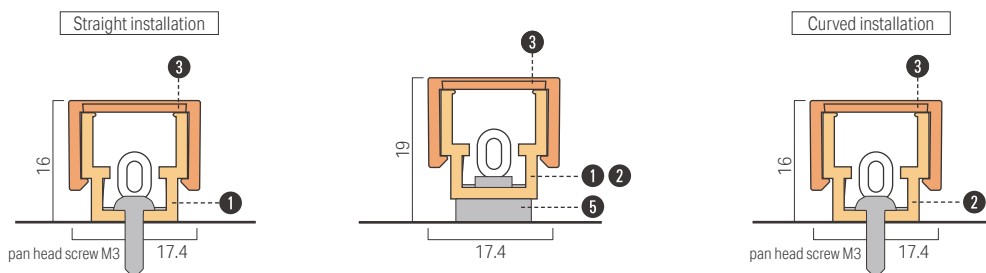
LFAY7-T1000-L27-CL-I-15
Light source color 2700K
Brightness 640 cd
Luminous flux 2040 lm
Color rendering index Ra 93

More detail

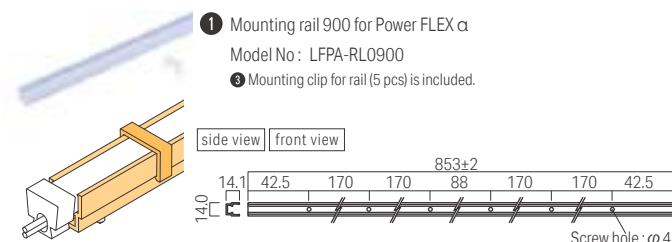


- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

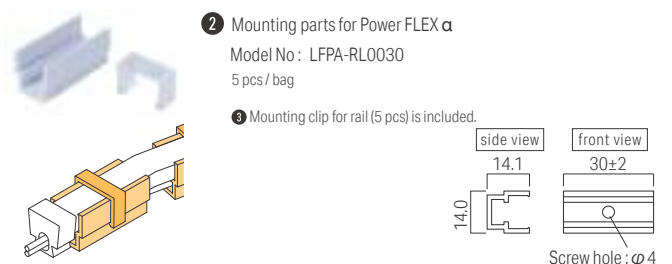
Cross sectional view with accessories



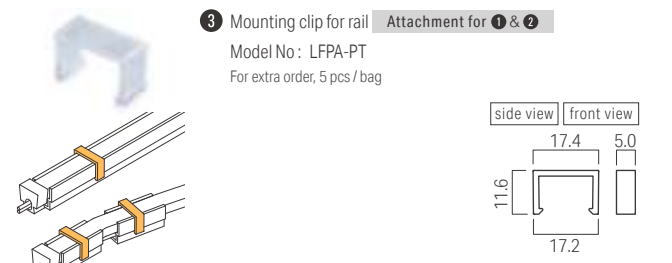
Accessories



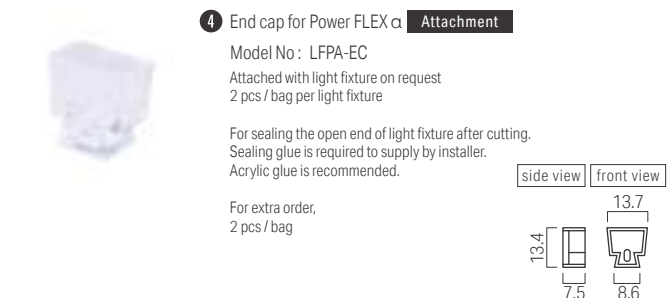
- ① Mounting rail 900 for Power FLEX α
Model No: LFPA-RL0900
③ Mounting clip for rail (5 pcs) is included.



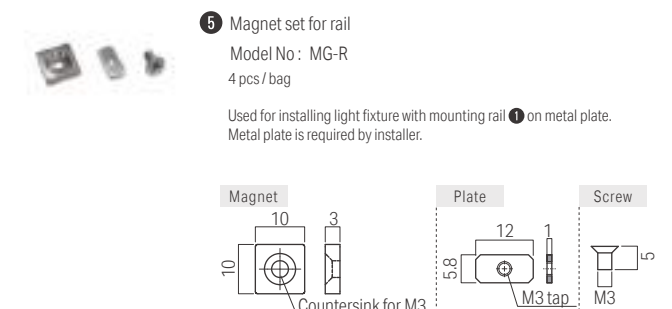
- ② Mounting parts for Power FLEX α
Model No: LFPA-RL0030
5 pcs / bag
③ Mounting clip for rail (5 pcs) is included.



- ③ Mounting clip for rail **Attachment for ① & ②**
Model No: LFPA-PT
For extra order, 5 pcs / bag



- ④ End cap for Power FLEX α **Attachment**
Model No: LFPA-EC
Attached with light fixture on request
2 pcs / bag per light fixture
For sealing the open end of light fixture after cutting.
Sealing glue is required to supply by installer.
Acrylic glue is recommended.
For extra order,
2 pcs / bag

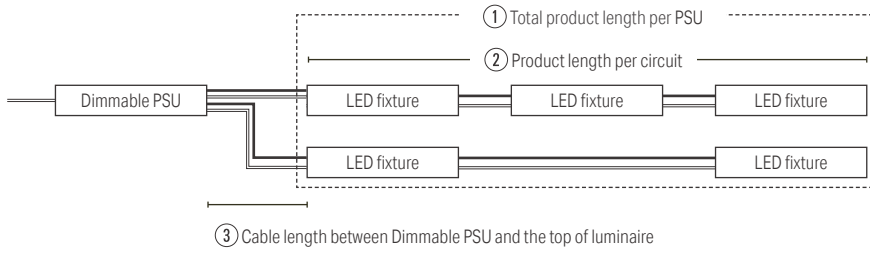


- ⑤ Magnet set for rail
Model No: MG-R
4 pcs / bag
Used for installing light fixture with mounting rail ① on metal plate.
Metal plate is required by installer.

Custom order length

Corresponds to Length of Model No. and External dimensions		Wattege				
Length	Fitting length	2.1 W/m	4.2 W/m	6.4 W/m	10.8 W/m	15.9 W/m
0050	64 mm	0.1 W	0.2 W	0.3 W	0.5 W	0.8 W
0100	114 mm	0.2 W	0.4 W	0.6 W	1.1 W	1.6 W
0150	164 mm	0.3 W	0.6 W	1.0 W	1.6 W	2.4 W
0200	214 mm	0.4 W	0.8 W	1.3 W	2.2 W	3.2 W
0250	264 mm	0.5 W	1.1 W	1.6 W	2.7 W	4.0 W
0300	314 mm	0.6 W	1.3 W	1.9 W	3.3 W	4.8 W
0350	364 mm	0.7 W	1.5 W	2.2 W	3.8 W	5.6 W
0400	414 mm	0.8 W	1.7 W	2.6 W	4.3 W	6.4 W
0450	464 mm	1.0 W	1.9 W	2.9 W	4.9 W	7.1 W
0500	514 mm	1.1 W	2.1 W	3.2 W	5.4 W	7.9 W
0550	564 mm	1.2 W	2.3 W	3.5 W	6.0 W	8.7 W
0600	614 mm	1.3 W	2.5 W	3.8 W	6.5 W	9.5 W
0650	664 mm	1.4 W	2.7 W	4.2 W	7.0 W	10.3 W
0700	714 mm	1.5 W	3.0 W	4.5 W	7.6 W	11.1 W
0750	764 mm	1.6 W	3.2 W	4.8 W	8.1 W	11.9 W
0800	814 mm	1.7 W	3.4 W	5.1 W	8.7 W	12.7 W
0850	864 mm	1.8 W	3.6 W	5.4 W	9.2 W	13.5 W
0900	914 mm	1.9 W	3.8 W	5.8 W	9.8 W	14.3 W
0950	964 mm	2.0 W	4.0 W	6.1 W	10.3 W	15.1 W
1000	1014 mm	2.1 W	4.2 W	6.4 W	10.8 W	15.9 W
1050	1064 mm	2.2 W	4.4 W	6.7 W	11.4 W	16.7 W
1100	1114 mm	2.3 W	4.7 W	7.0 W	11.9 W	17.5 W
1150	1164 mm	2.4 W	4.9 W	7.3 W	12.5 W	18.3 W
1200	1214 mm	2.5 W	5.1 W	7.7 W	13.0 W	19.1 W
1250	1264 mm	2.7 W	5.3 W	8.0 W	13.5 W	19.9 W
1300	1314 mm	2.8 W	5.5 W	8.3 W	14.1 W	20.7 W
1350	1364 mm	2.9 W	5.7 W	8.6 W	14.6 W	21.4 W
1400	1414 mm	3.0 W	5.9 W	8.9 W	15.2 W	22.2 W
1450	1464 mm	3.1 W	6.1 W	9.3 W	15.7 W	23.0 W
1500	1514 mm	3.2 W	6.3 W	9.6 W	16.3 W	23.8 W

System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refet to ▶
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232

Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refet to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU			PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
			DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
			* Split into multiple circuit						
LFAY-T**-*.CL-I-2	2.1	5	57.1*	42.8*	66.6*	40*	30*	20*	13.3*
LFAY-T**-*.CL-I-4	4.2	5	28.5*	21.4*	33.3*	20*	15*	10*	6.6*
LFAY-T**-*.CL-I-6	6.4	5	18.7*	14*	21.8*	13.1*	9.8*	6.5*	4.3
LFAY-T**-*.CL-I-10	10.8	5	11.1*	8.3*	12.9*	7.7*	5.8*	3.8	2.5
LFAY-T**-*.CL-I-15	15.9	5	7.5*	5.6*	8.8*	5.2*	3.9	2.6	1.7

Model No.	Wattage (W/m)	Cross section		0.3sq		0.5sq		0.75sq	
		Wiregauge		AWG22		AWG20		AWG18	
		② Max. length per circuit (m)		③ Max. cable length between PSU and the top of luminaire at ② Max. length per circuit (m)					
LFAY-T**-*.CL-I-2	2.1	5		10.4		16.6		26	
LFAY-T**-*.CL-I-4	4.2	5		5.2		8.3		13	
LFAY-T**-*.CL-I-6	6.4	5		3.4		5.5		8.7	
LFAY-T**-*.CL-I-10	10.8	5		2.6		4.2		6.5	
LFAY-T**-*.CL-I-15	15.9	5		2		3.3		5.2	

Luci SHIN FLEX α

LFY-I
SHIN FLEX indoor

LFY-O
SHIN FLEX IP65

LFTHY
SHIN FLEX TH0F®

LFAY
SHIN FLEX α

LFXF-I
FLEX α F indoor

LFXF-O
FLEX α F IP65

LFXF-I



NIPPON SEINENKAN + JAPAN SPORTS COUNCIL Building
Location: Japan Architect office, Lighting design: Kume Ssekkei Co., Ltd. Construction: HAZAMA ANDO CORPORATION Photo: Kazutaka Fujimoto

Application

Shelf



Samantha Thavasa Petit choice Sogo Hiroshima
Location: Japan Design: HIRIOSHI TOMIKAWA ARCHITECTS & ASSOCIATES Construction: CPO Photos: Ken Shimizu

Backlit



Kate spade Shenzhen
Location: CHINA

Backlit



Sheraton Baku Airport Hotel
Location: Azerbaijan Interior architects and designers: Alex Kravetz Design Lighting design: Elektra Lighting Design
Photo: Photo: Alex Kravetz



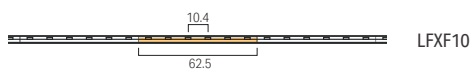
Luci FLEX α F Indoor

Side bend flexible strip with clear or diffused soft acrylic tube
Only 4mm thickness with side view LED package,
suitable for limited space installation
Cuttable every 6 LEDs (62.4 mm) and customized length available
up to 5m per roll

Specifications

Dimensions

LED pitch and cuttable unit length (mm)



Cross section W 10 x H 4 mm
Standard length 1m with both ends open end wire
Custom order up to 5m lengths at every unit length with both ends or one end feed cable
Cuttable luminaire at site at scissor mark. If a luminaire with a both side feed cable is cut, the left and right sides of the luminaire can be used separately, as if the luminaire were one side feed.

Electrical & Output

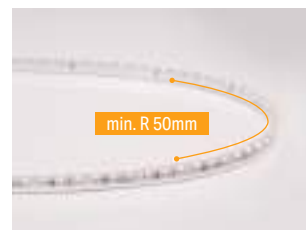
Model	LFXF10
Power Consumption (W/m)	3.9
Luminous flux @ 3000K (lm/m)	302

Color temperature

7100K	4200K	3500K	3000K	2700K	2400K
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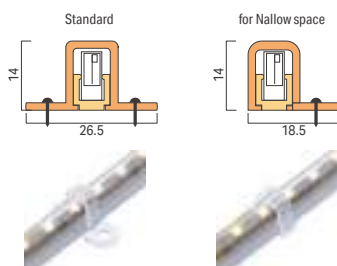
Min Bending radius

R 50mm in side (horizontal) bend direction



Features

Two-Clip Installation System for Flexible Mounting in Varying Spatial Conditions



There are with two clip options: a standard clip for general use and a narrow clip for tight spaces, ensuring a secure fit without affecting the design. For optimal installation, clips should be evenly spaced and firmly fixed to prevent misalignment. Concealing them within architectural elements enhances the clean aesthetic, while mounting on smooth, dry surfaces ensures durability. Choosing the right clip and proper placement guarantees a stable and professional lighting setup.

Space-Efficient LED Fixture with Optimized Mounting Options



Ideal for tight spaces, offering a flexible, low-profile design that ensures seamless integration without compromising lighting quality. Its narrow mounting clip option allows for secure installation in confined areas where standard clips may not fit. The fixture provides uniform, glare-free illumination, making it perfect for applications with limited mounting depth, such as cabinet interiors, display shelves, cove lighting, and architectural recesses.

LFXF-I

Color management
ANSI BIN



3 years
warranty

- Side bend flexible strip with 4 × 10 mm cross-section
- Cuttable every 6 LEDs (62.4mm)
- Accessory for straight/curved installation



Model No.

LFXF10

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I

Product Name / LED Pitch	Length	Lead wire	Light source color	Tube type	Environment
LFXF10 : 10.4mm	Custom order length	W : Both ends S : One end	D : 6500K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L24 : 2400K	CL : Clear DF : Diffuser	I : Indoor

Specification @ Clear cover

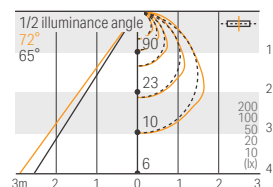
Power consumption	3.9W/m
Weight (g)	40g
Cuttable unit	62.4mm (6 LED)
Luminaire efficacy (lm/W) @2700K	64.6 lm/W
Light source color (Code)	Luminaire flux (lm/m)
D 7100K Ra 74	311 lm/m ^{A,B}
W 4200K Ra 70	330 lm/m ^A
WW 3500K Ra 75	281 lm/m ^A
L30 3000K Ra 70	302 lm/m ^A
L27 2700K Ra 71	252 lm/m
L24 2400K Ra 65	245 lm/m ^{A,B}

^A = Equivalent ^B = Please contact us since it is made-to-order products and has MOQ.

General Specification

Input voltage	DC24V
LED beam angle	120°
Environment	Indoor (no condensation)
Max. length per circuit	5m
Min. bending range	R50mm
Material (body)	Soft acrylic
Certification	CE
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi)

Light distribution curve



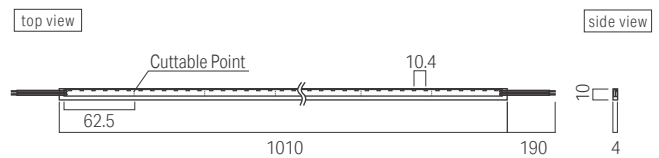
LFXF10-T1000W-L27-CL-I
Light source color 2700K
Brightness 90 cd
Luminous flux 252 lm
Color rendering index Ra 71

More detail



- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

External dimensions



Custom order length

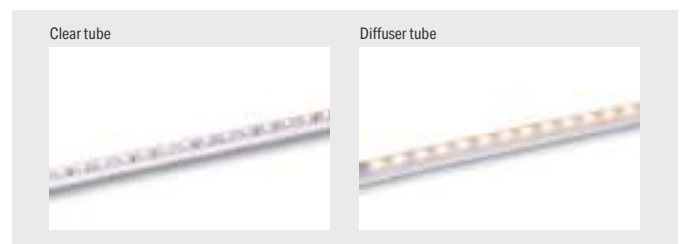
Corresponds to Length of Model No. and External dimensions

0063	0563	1063	1563	2063	2563	3063	3563	4063	4563
0125	0625	1125	1625	2125	2625	3125	3625	4125	4625
0188	0688	1188	1688	2188	2688	3188	3688	4188	4688
0250	0750	1250	1750	2250	2750	3250	3750	4250	4750
0313	0813	1313	1813	2313	2813	3313	3813	4313	4813
0375	0875	1375	1875	2375	2875	3375	3875	4375	4875
0438	0938	1438	1938	2438	2938	3438	3938	4438	4938
0500	1000	1500	2000	2500	3000	3500	4000	4500	5000

Color temperature of diffuser tube type

Nominal light source color temperature (Clear tube)	Color temperature through Diffuser tube *
D 7100 K	5600 K
W 4200 K	3800 K
WW 3500 K	3300 K
L30 3000 K	2900 K
L27 2700 K	2500 K
L24 2400 K	2200 K

*The optical data provided above is for reference only. Due to the tolerances of the production process, values for color temperature can vary ±10%. The lumen output value of the diffuser tube type is 20~30% less than the clear tube type.



Cross sectional view with accessories

LFY-I

SHIN FLEX Indoor

LFY-O

SHIN FLEX IP65

LFTHY

SHIN FLEX TOP®

LFAY

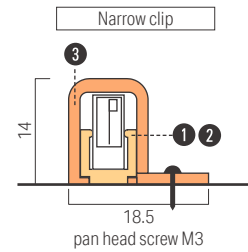
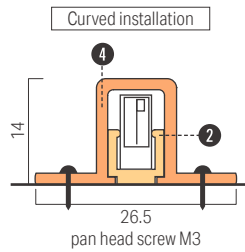
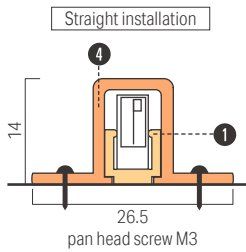
SHIN FLEX α

LFXF-I

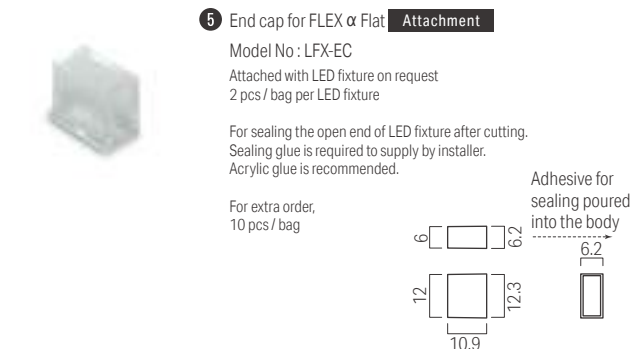
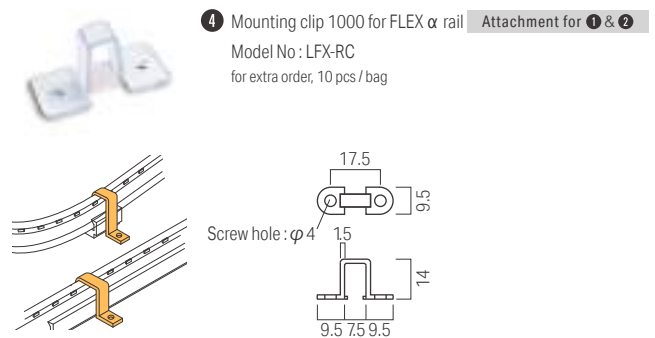
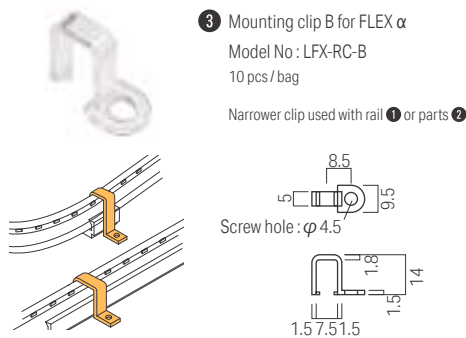
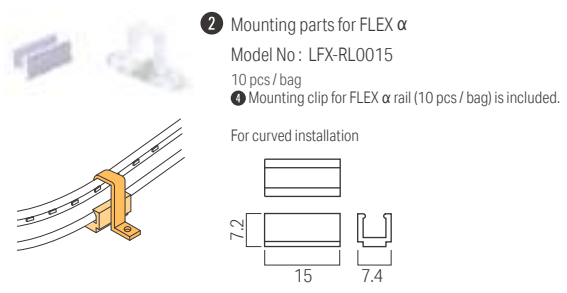
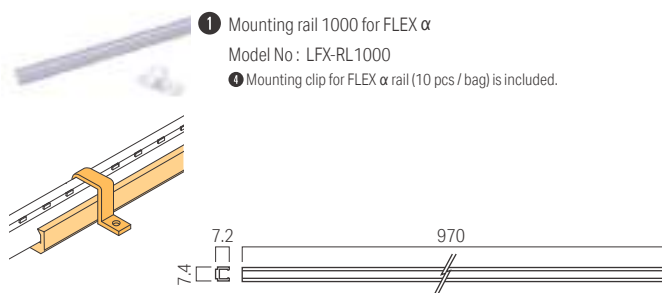
FLEX α F Indoor

LFXF-O

FLEX α F IP65

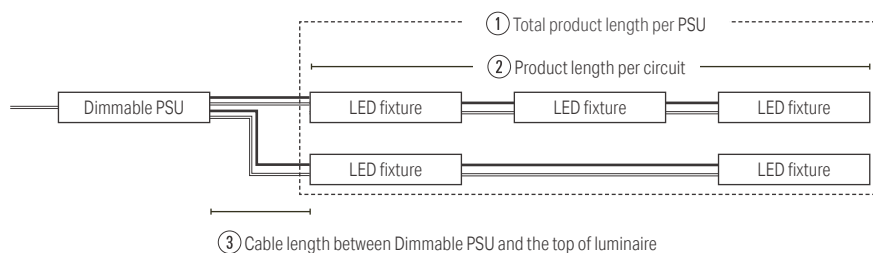


Accessories



Luci FLEX α F Indoor

System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refer to ▶
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232

Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refer to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU			PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
			DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
LFXF10-T**-*-CL-I	4.2	5	28.5*	21.4*	33.3*	20*	15*	10*	6.6*

Luci FLEX α F Indoor

LFY-I
SHIN FLEX Indoor

LFY-O
SHIN FLEX IP65

LFTHY
SHIN FLEX THOP®

LFAY
SHIN FLEX α

LFXF-I
FLEX α F Indoor

LFXF-O
FLEX α F IP65

Luci FLEX α F IP65

LFXF-0



Private residential, Singapore
Location: Singapore Distributor: LKH

Application

Step & Bench



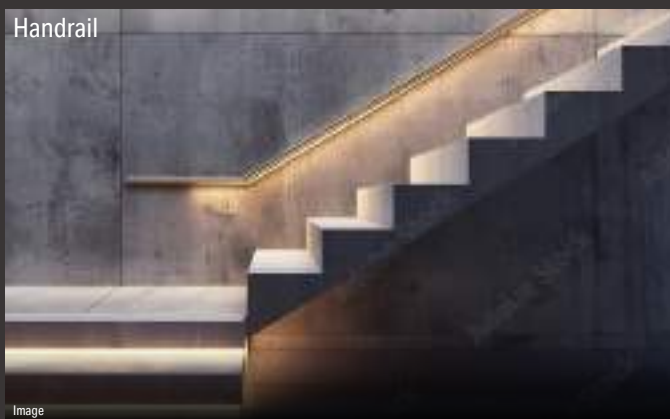
CLASSY HOUSE CHIYODA FUJIMI
Location: Japan Architect office: Nikken Housing System Ltd.

Step



Image

Handrail



Image

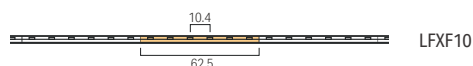
Luci FLEX α F IP65

Side bend flexible strip with clear or diffused soft acrylic tube
Only 4mm thickness with side view LED package,
suitable for limited space installation
Customized length available up to 5m per roll

Specifications

Dimensions

LED pitch and unit length (mm)



Cross section W 10 x H 4 mm
Standard length 1m with both ends IP67 connector
Custom order up to 5m length at every unit length with both ends or one end feed cable with IP67 connector

Do not allow to cut the LED fixture and cable at site.

Electrical & Output

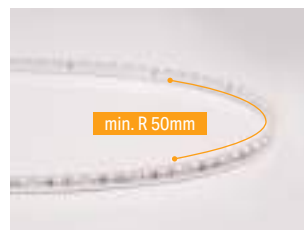
Model	LFXF10
Power Consumption (W/m)	3.9
Luminous flux @ 3000K (lm/m)	302

Color temperature

7100K	4200K	3500K	3000K	2700K	2400K
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Min Bending radius

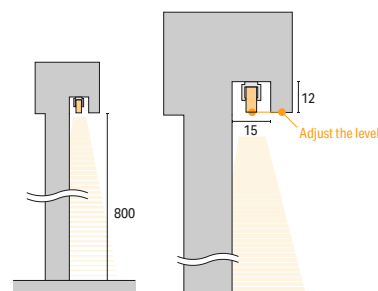
R 50mm in side (horizontal) bend direction



Features

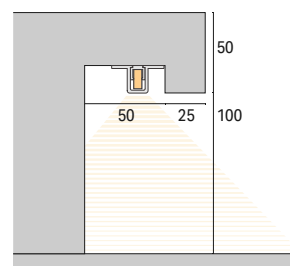
Handrail

It is ideal for handrail lighting, thanks to its compact 4 x 10mm cross-section, which allows seamless integration into handrails without being intrusive. Its slim and flexible design provides uniform illumination along pathways, improving both aesthetics and safety. The luminaires can be connected in series for up to 5 meters, making them suitable for continuous lighting applications. Additionally, customizable cable lengths allow for easy installation through posts or walls, ensuring a clean and professional setup tailored to site requirements. This lighting solution is perfect for staircases, corridors, walkways, public spaces, bridges, and accessibility handrails, where discreet yet effective lighting enhances visibility and safety.



Step light

An excellent choice for step lighting, providing discreet yet effective illumination that enhances both safety and aesthetics. Its compact 4 x 10mm design allows for seamless integration into stair edges or risers. This ensures improved visibility in low-light conditions while adding a refined architectural touch. With the ability to be connected in series for up to 5 meters and customized cable lengths for flexible installation through walls or posts, it is a versatile and practical solution for various stairway designs. Ideal applications include theaters, cinemas, hotels, commercial buildings, residential staircases, public walkways, and outdoor steps, where subtle yet functional lighting enhances safety and ambiance.



Contour & Curved Light

The compact size of the Luci FLEX α F IP65 (LFXF-O) allows for the smallest outdoor side bends, making it ideal for applications where tight curves and precise installation are required. Its ultra-slim profile enables seamless integration into narrow spaces and intricate architectural details, ensuring a clean and modern lighting effect.

With its ability to bend efficiently in outdoor settings, it is perfect for curved handrails, architectural contours, signage, and edge lighting, providing consistent and uniform illumination without visible gaps or harsh light interruptions. This flexibility enhances both design versatility and installation ease, making it a reliable solution for outdoor accent lighting in commercial and residential environments.



Luci FLEX α F IP65

LFXF-0

Color management
ANSI BIN



3 years
warranty

- Flexible strip with bending sideways
- Customised length available up to 5m per roll, 62.4mm increments
- Covered with soft acrylic tube



Model No.

LFXF10

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Product Name / LED Pitch	Length	Lead wire	Light source color	Tube type	Environment
LFXF10 : 10.4mm	Custom order length	W : Both ends S : One end	D : 6500K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L24 : 2400K	CL : Clear DF : Diffuser	O : Outdoor

Specification @ Clear cover

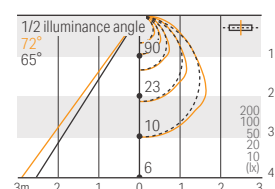
Power consumption	3.9W/m
Weight (g)	40g
Luminaire efficacy (lm/W) @2700K	64.6 lm/W
Light source color (Code)	Luminaire flux (lm/m)
D 7100K Ra 74	311 lm/m ^{A,B}
W 4200K Ra 70	330 lm/m ^A
WW 3500K Ra 75	281 lm/m ^A
L30 3000K Ra 70	302 lm/m ^A
L27 2700K Ra 71	252 lm/m
L24 2400K Ra 65	245 lm/m ^{A,B}

^A = Equivalent ^B = Please contact us since it is made-to-order products and has MOQ.

General Specification

Input voltage	DC24V
LED beam angle	120°
Environment	In/Outdoor (no condensation) IP65
Max. length per circuit	5m
Min. bending range	R50mm
Material (body)	Soft acrylic
Certification	CE
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM)

Light distribution curve



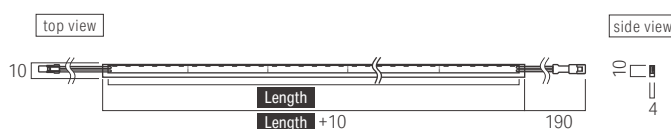
LFXF10-T1000W-L27-CL-O
Light source color 2700K
Brightness 90 cd
Luminous flux 252 lm
Color rendering index Ra 71

More detail



- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

External dimensions



Custom order length

Corresponds to **Length** of Model No. and External dimensions

0063	0563	1063	1563	2063	2563	3063	3563	4063	4563
0125	0625	1125	1625	2125	2625	3125	3625	4125	4625
0188	0688	1188	1688	2188	2688	3188	3688	4188	4688
0250	0750	1250	1750	2250	2750	3250	3750	4250	4750
0313	0813	1313	1813	2313	2813	3313	3813	4313	4813
0375	0875	1375	1875	2375	2875	3375	3875	4375	4875
0438	0938	1438	1938	2438	2938	3438	3938	4438	4938
0500	1000	1500	2000	2500	3000	3500	4000	4500	5000

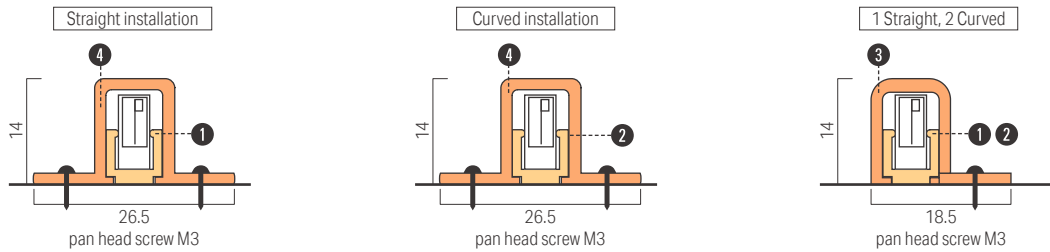
Color temperature of diffuser tube type

Nominal light source color temperature (Clear tube)	Color temperature through Diffuser tube *
D 7100 K	5600 K
W 4200 K	3800 K
WW 3500 K	3300 K
L30 3000 K	2900 K
L27 2700 K	2500 K
L24 2400 K	2200 K

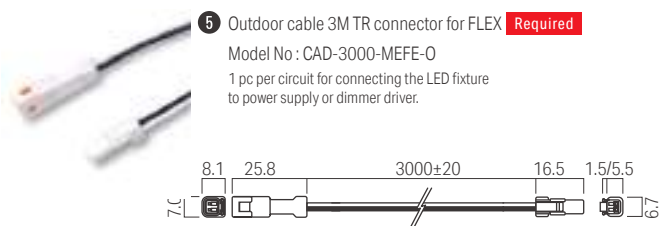
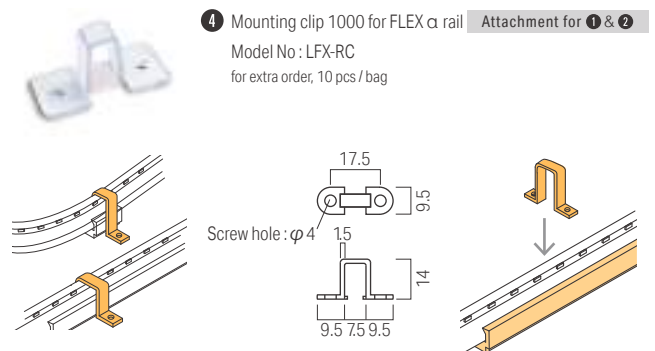
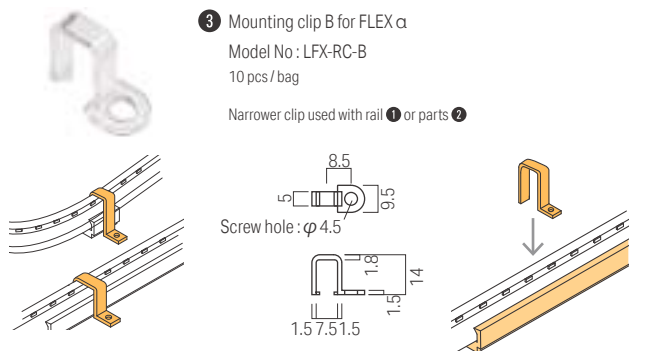
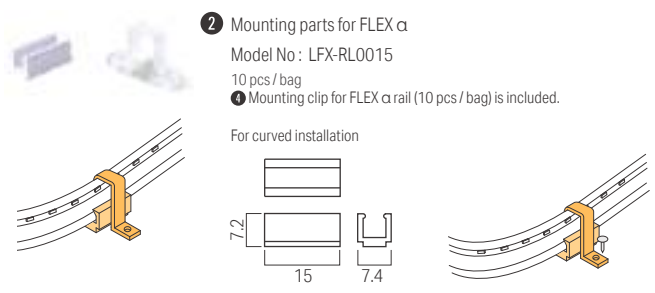
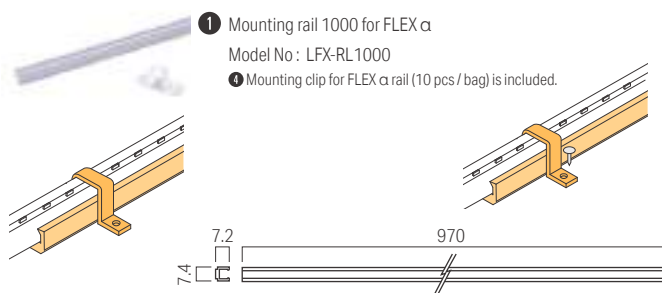
*The optical data provided above is for reference only. Due to the tolerances of the production process, values for color temperature can vary $\pm 10\%$. The lumen output value of the diffuser tube type is 20~30% less than the clear tube type.



Cross sectional view with accessories



Accessories



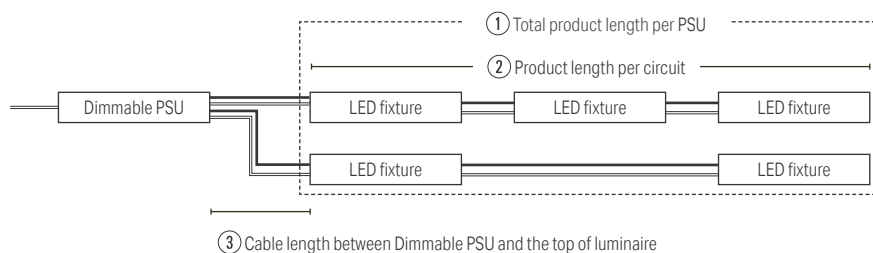
Prohibited installation places

- Do not cut the LED fixture and the lead wire of outdoor product at a job site.
Please do appropriate treatment for the lead wire and connector of the terminal of outdoor LED fixture.
- direct expose to water / pooling of water
 - direct sunlight
 - liquids including choline or chemicals
 - high temperature and high humidity such as saunas
 - coastal areas which are affected by sea spray



Luci FLEX α F IP65

System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refer to ▶
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232

Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refer to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU			PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
			DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmable PSU (m)						
LFXF10-T**-*-CL-O	4.2	5	* Split into multiple circuit						
			28.5*	21.4*	33.3*	20*	15*	10*	6.6*

Luci FLEX α F IP65

LFY-I
SHIN FLEX indoor

LFY-O
SHIN FLEX IP65

LFTHY
SHIN FLEX THOP®

LFAY
SHIN FLEX α

LFXF-I
FLEX α F indoor

LFXF-O
FLEX α F IP65

Luci SHIN RECTA

LREY **SHIN** series

Application

Ceiling cove



Ceiling surface mounted



Ceiling cove



Ceiling surface mounted



Luci SHIN RECTA

Increased 160% efficacy
Available 3 different wattage variations
Max length is 1.5m

Specifications

Dimensions

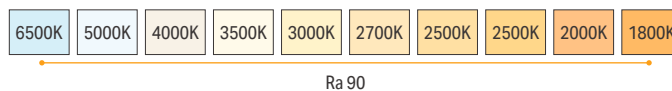
Cross section W 24 x H 39 mm
Standard length 15 types of fixed length

103	205	306	407	503	604
705	806	907	1003	1106	1204
1306	1407	1502	(mm)		

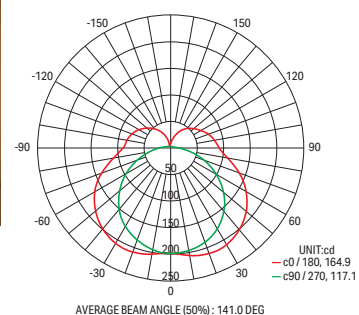
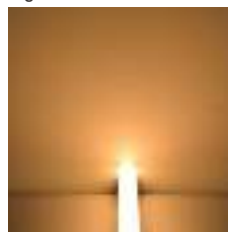
Electrical & Output @2700K

Power Consumption (W/m)	10.1	21.5	31.6
Luminous flux (lm/m)	1166	2466	3496
Luminaire efficacy (lm/W)	115.6	114.7	110.5

Color temperature

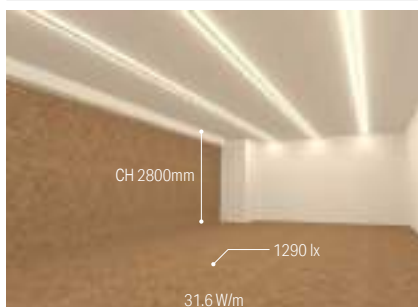


Light distribution



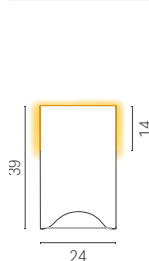
Features

Brightness



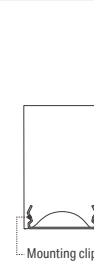
It feature highlights that this luminaire provides sufficient floor illumination without the need for traditional downlights. Its wide, uniform light distribution ensures effective ambient lighting, making it ideal for general illumination in residential, commercial, and hospitality spaces while maintaining a clean, modern ceiling design.

3 sided emitting



It features a 3-sided emitting design, ensuring wide, uniform light distribution for enhanced coverage and brightness. Its square-shaped profile provides consistent and homogeneous illumination, making it ideal for general lighting, architectural accents, and cove applications while maintaining a modern, sleek appearance.

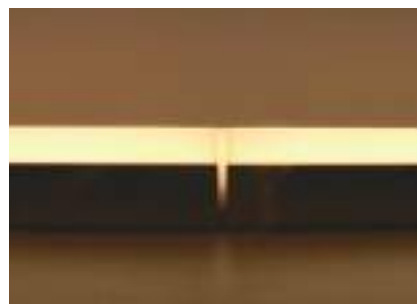
Concealed mounting parts



It features a 24mm*39mm leek design with hidden mounting parts, ensuring a clean and seamless appearance. By concealing brackets and hardware behind the fixture, it maintains a modern, unobtrusive look, making it ideal for architectural and decorative lighting applications.



Squared section with uniform and homogenous
3 side emitted surface



Seamless lighting at the joint
Neither clips nor cable can be seen

Luci SHIN RECTA

LREY SHIN series

Color management
MacAdam 3 step



L90>B10
60K

- Updated with low wattage high lumen LED series
- Increased 160% efficacy
- Available 3 different wattage variations
- Max length is 1.5m



Model No.

LREY



DF



Product Name	Length	Light source color	Cover type	Environment	Wattage
LREY	0103 0604 1106 0205 0705 1204 0306 0806 1306 0407 0907 1407 0503 1003 1502	D : 6500K N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L25 : 2500K L22 : 2200K L20 : 2000K L18 : 1800K	DF : Diffuser	I : Indoor	10 : 10.1W/m 21 : 21.5W/m 31 : 31.6W/m

Specification

Wattage (Code)	10	21	31
Wattage	10.1	21.5	31.6
Luminaire efficacy @2700K	115.6	114.7	110.5

Lumen output

Light source color (Code)

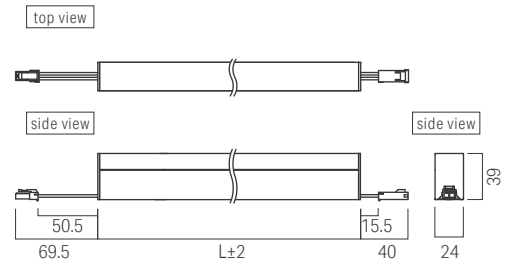
	Delivered CCT	CRI	Luminaire flux (lm/m)
D 6500K	6400K	Ra 96	1317 2786 3950
N 5000K	4900K	Ra 93	1305 2762 3916
W 4000K	3900K	Ra 97	1282 2712 3846
WW 3500K	3400K	Ra 97	1270 2688 3811
L30 3000K	2900K	Ra 95	1235 2614 3706
L27 2700K	2600K	Ra 94	1166 2466 3496
L25 2500K	2400K	Ra 94	862 1825 2587
L22 2200K	2100K	Ra 93	804 1701 2412
L20 2000K	1900K	Ra 91	734 1553 2202
L18 1800K	1700K	Ra 90	711 1504 2133

Length (Code)	Fitting length (mm)	Weight (g)	Wattage (W)
0103	103 mm	60 g	1.0 2.1 3.2
0205	205 mm	100 g	2.0 4.3 6.3
0306	306 mm	140 g	3.0 6.4 9.5
0407	407 mm	180 g	4.0 8.6 12.7
0503	503 mm	220 g	5.0 10.7 15.8
0604	604 mm	260 g	6.0 12.9 19.0
0705	705 mm	300 g	7.1 15.0 22.1
0806	806 mm	340 g	8.1 17.2 25.3
0907	907 mm	380 g	9.1 19.3 28.5
1003	1003 mm	420 g	10.1 21.5 31.6
1106	1106 mm	460 g	11.1 23.6 34.8
1204	1204 mm	500 g	12.1 25.8 38.0
1306	1306 mm	540 g	13.1 27.9 41.1
1407	1407 mm	580 g	14.1 30.1 44.3
1502	1502 mm	620 g	15.1 32.2 47.5

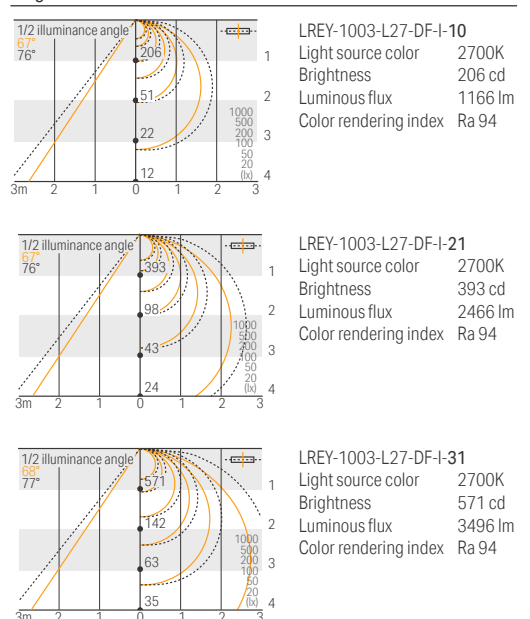
General Specification

Input voltage	DC24V
Environment	Indoors (no condensation)
Max. length per circuit	10.1W/m 21.5W/m : 5m 31.6W/m : 3m
Material	Polycarbonate, Aluminum
Certification	CE, PBT FREE
Dimmable	Yes (0-10V, 1-10V, DMX, DALI, PWM, Casambi)

External dimensions



Light distribution curve

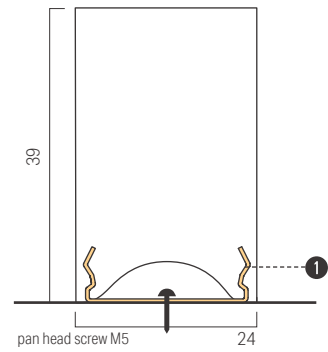


More detail

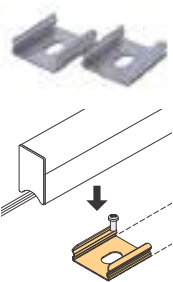


- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

Cross sectional view with accessories



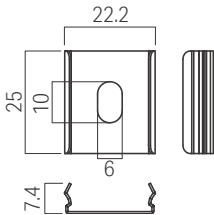
Accessories



1 Mounting parts A Attachment

Model No : LTH-PTA
Attached with light fixture
2 pcs / bag

For extra order
2 pcs / bag

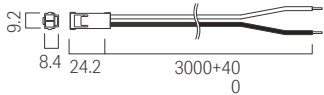


Length	0103-1003	1106-1407	1502	
Attachment	Mounting clip	2 pcs	3 pcs	4 pcs
1	Mounting clip	2 pcs	3 pcs	4 pcs
				Unit of order
				2 pcs/bag



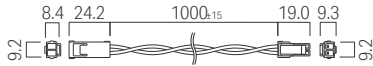
2 Power supply cable 3M

Model No : CAD-3000-MCNN-I
1 pc per circuit for connecting the light fixture
to power supply or dimmer driver.



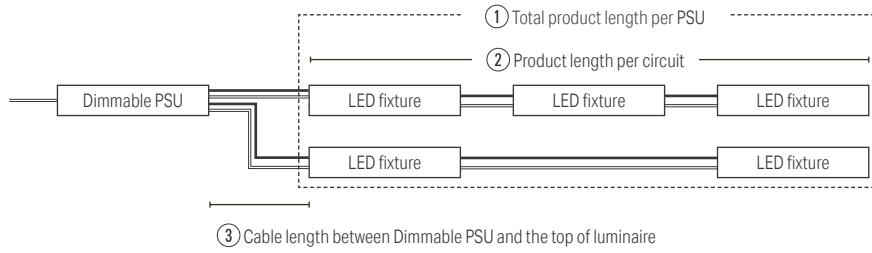
3 Joint cable 1M

Model No : CAD-1000-MCFC-I
Joint cable between two light fixtures



Luci SHIN RECTA

System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refer to ▶
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232

Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refer to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU	PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
	DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
	DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
	connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load

Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmable PSU (m)						
			* Split into multiple circuit						
LREY-1003-DF-I-10	10.1	5	11.8*	8.9*	13.8*	8.3*	6.2*	4.1	2.7
LREY-1003-DF-I-21	21.5	5	5.5*	4.1*	6.5*	3.9	2.9	1.9	1.3
LREY-1003-DF-I-31	31.6	3	3.8*	2.8	4.4*	2.6	2	1.3	0.8

Model No.	Wattage (W/m)	Cross section		0.3sq		0.5sq		0.75sq	
		Wiregauge		AWG22		AWG20		AWG18	
		② Max. length per circuit (m)	③ Max. cable length between Dimmable PSU and the top of luminaire at ② Max. length per circuit (m)						
LREY-1003-DF-I-10	10.1	5	3.2					8.2	
LREY-1003-DF-I-21	21.5	5	1.5					3.9	
LREY-1003-DF-I-31	31.6	3	1.7					4.4	

Recommend dimensions and illumination distributions

LREY-1003-L27-DF-I-21

LREY
SHINRECTA

LTHY
SHIN THOF

LCEY
SHIN Ceide

LCELY
SHIN Ceide lens

LCETHY
SHIN Ceide THOF

LSXY
SHINsilux

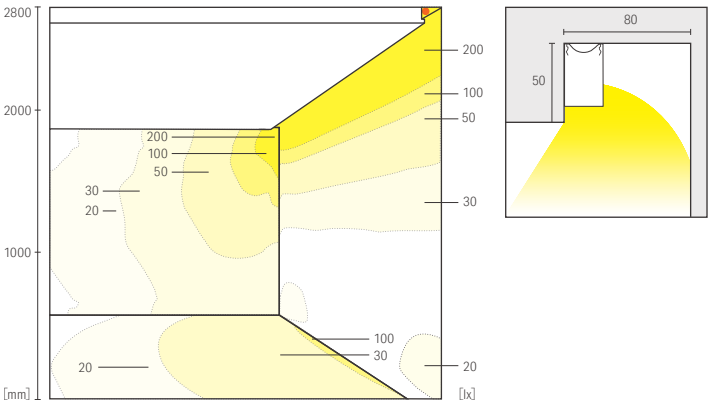
LSXWY
SHIN silux wide

LRM series
RIMIT series

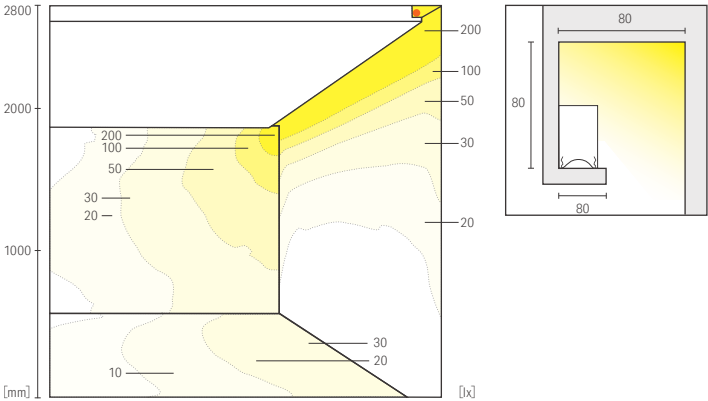
LRMHS
RIMIT HS

LRMUS
RIMIT US

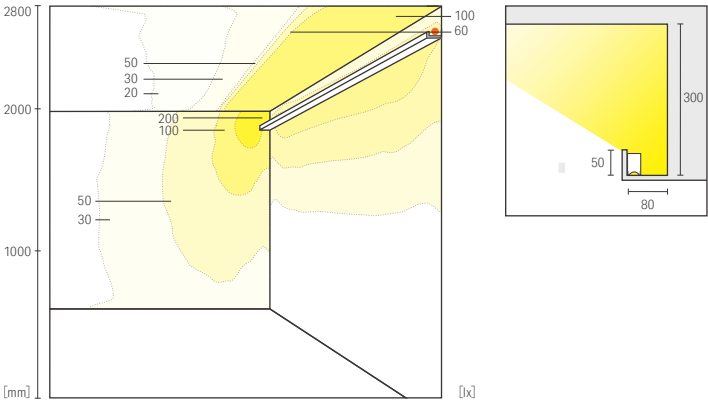
Cornice lighting-1 CH=2800



Cornice lighting-2 CH=2800



Cove lighting CH=2800



LTHY **SHIN** series

Application

Ceiling cove & Ceiling surface mounted & Wall graze



Laurel Court KAKUOZAN OTANIACHO Model Room
Location: Japan Owner: Kintetsu Real Estate Co., Ltd. Architect office: KAN DESIGNING OFFICE LTD. Lighting design: WORKTECHT&Co.



Ceiling cove



Fairmont hotel
Location: Indonesia

Ceiling cove



Siam Takashimaya
Location: Thailand

Ceiling surface mounted



The Peak Tram
Location: Hong Kong Client: Peak Tramways Co., Ltd. Architect office: AGC Design Ltd
Lighting design: WORKTECHT&Co. Photo: Steven Ko Photography

Luci SHIN THOF®

Tunable white rigid light with 3 wattage variation
No dark spot seamless connections, 3 surface-emitting
Available for customising colour combination

LREY
SHIN RECTALTHY
SHIN THOFLCEY
SHIN CREIDELCEL
SHIN CREIDE LENSLCEYH
SHIN CREIDE THOFLSXY
SHIN SILUXLSXY
SHIN SILUX WIDELRM series
RIMAT seriesLRMH
RIMAT seriesLRMU
RIMAT series

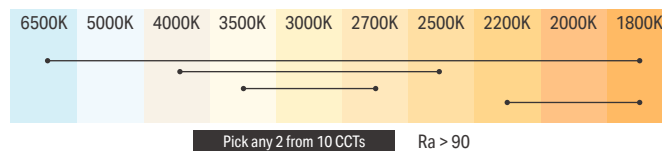
Specifications

Dimensions

Cross section W 24 x H 39 mm
Standard length 15 types of fixed length

103	205	306	407	503	604
705	806	907	1003	1106	1204
1306	1407	1502	(mm)		

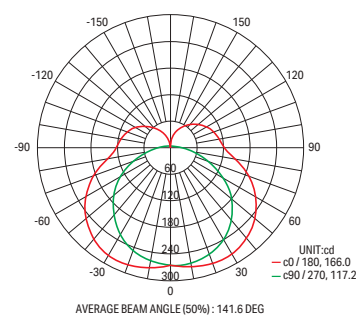
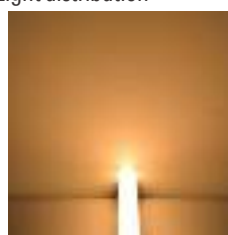
Color temperature



Electrical & Output @NL27

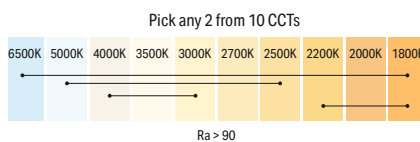
Model	10	21	31	
Power Consumption (W/m)	10.1	21.5	31.6	
Luminous flux (lm/m)	5000K 100%, 2700K 0%	653	1376	1961
	5000K 100%, 2700K 100%	1235	2605	3712
	5000K 0%, 2700K 100%	583	1229	1751
Luminous efficiency (L27)	122.5	121.2	117.3	

Light distribution



Features

Color Temperature



Wattage List

Power consumption (W/m)	10.1	21.5	31.6
Luminaire efficacy @N 100% (lm/W)	653	1376	1961
Luminaire efficacy @N, L27 100% (lm/W)	1235	2605	3712
Luminaire efficacy @L27 100% (lm/W)	583	1229	1751

Luminaire Shape and Light



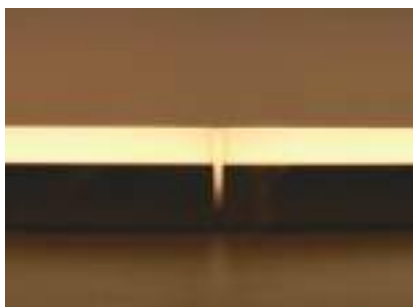
Its feature allows users to select any two CCTs from nine available options and even customize color combinations for a tailored lighting effect. The tunable option for SHIN THOF enables smooth color temperature transitions, making it ideal for dynamic lighting control in architectural, hospitality, and commercial spaces where adaptable ambiance is needed.

It offers three options—10W, 21W, and 31W—allowing users to select from three brightness levels based on their lighting needs. Lower wattages provide softer ambient lighting, while higher wattages deliver brighter, more intense illumination, making it suitable for various applications in residential, commercial, and hospitality settings.

It maintains a clean and uniform appearance even when illuminated in a single color out of 2 colors, ensuring consistent brightness and smooth light distribution without any dot. This enhances the aesthetic appeal of the fixture, making it ideal for architectural and ambient lighting applications where a refined and seamless lighting effect is desired.



Squared section with uniform and homogenous
3 side emitted surface



Seamless lighting at the joint
Neither clips nor cable can be seen

LTHY SHIN series

Color management
MacAdam 3 step



L90>B10
60K

- Updated with low wattage high lumen LED series, increased 150% efficacy
- Tunable white rigid light with 3 wattage variations
- No dark spot seamless connections, 3 surface-emitting
- Available for customising colour combination

Model No.

LTHY



DF

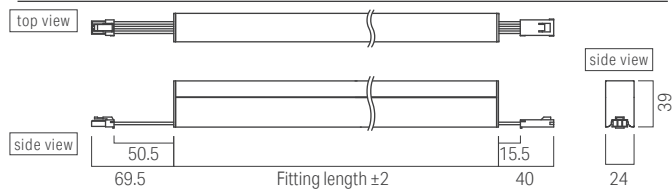


Product Name	Length			Light source color		Cover type	Environment	Wattage
LTHY	0103	0604	1106	Select 2 CCTs		DF : Diffuser	I : Indoor	10 : 10.1W/m 21 : 21.5W/m 31 : 31.6W/m
	0205	0705	1204	D : 6500K	L27 : 2700K			
	0306	0806	1306	N : 5000K	L25 : 2500K			
	0407	0907	1407	W : 4000K	L22 : 2200K			
	0503	1003	1502	WW : 3500K	L20 : 2000K			
				L30 : 3000K	L18 : 1800K			

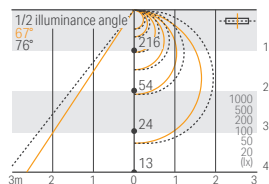
Specification

Wattage(Code)	10	21	31
Wattage(W/m)	10.1	21.5	31.6
Length(Code)	Fitting length (mm)	Weight(g)	Wattage
0103	103	60	1.0 2.1 3.2
0205	206	100	2.0 4.3 6.3
0306	306	140	3.0 6.4 9.5
0407	407	180	4.0 8.6 12.7
0503	503	220	5.0 10.7 15.8
0604	604	260	6.0 12.9 19.0
0705	705	300	7.1 15.0 22.1
0806	806	340	8.1 17.2 25.3
0907	907	380	9.1 19.3 28.5
1003	1003	420	10.1 21.5 31.6
1106	1106	460	11.1 23.6 34.8
1204	1204	500	12.1 25.8 38.0
1306	1306	540	13.1 27.9 41.1
1407	1407	580	14.1 30.1 44.3
1502	1502	620	15.1 32.2 47.5

External dimensions



Light distribution curve



LTHY-1000-NL27-DF-I-10
Light source color 3500K equivalent
N:100%, L27:100%
Brightness 216 cd
Luminous flux 1235 lm
Color rendering index Ra 95

More detail



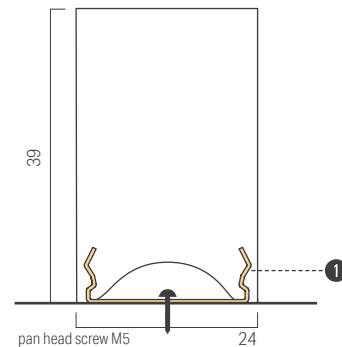
- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual



General Specification

Input voltage	DC24V
Environment	Indoors (no condensation)
Max. length per circuit	10.1W/m 21.5W/m : 5m 31.6W/m : 3m
Material	Body : Aluminum , Cover : Polycarbonate
Certification	CE, PTB FREE
Dimmable	Yes (Tunable white driver is required)

Cross sectional view with accessories



Accessories

1 Mounting parts A Attachment

Model No : LTH-PTA

Attached with light fixture

2 pcs / bag

For extra order

2 pcs / bag

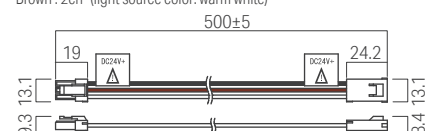
Length	0103-1003	1106-1407	1502	
Attachment Mounting clip	2 pcs	3 pcs	4 pcs	Unit of order
1 Mounting clip	2 pcs	3 pcs	4 pcs	2 pcs/bag



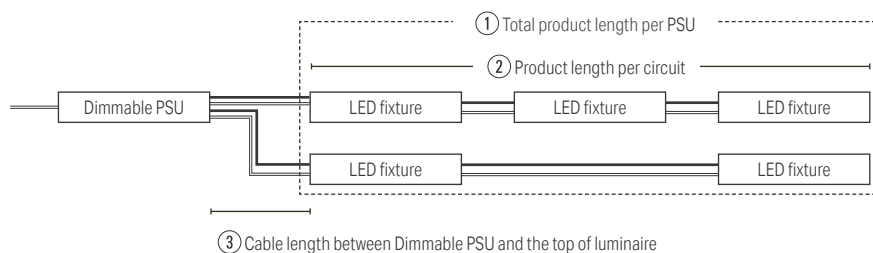
2 Power supply cable 500mm for THOF

Model No : CAD-0500-MDFD-I
1 pc per circuit for connecting the light fixture to power supply or dimmer driver.

Black : +
White : 1ch- (light source color: white)
Brown : 2ch- (light source color: warm white)



System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refet to ▶
DIM-S2L8V-0	167 × 51 × 23	P.235

Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refet to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

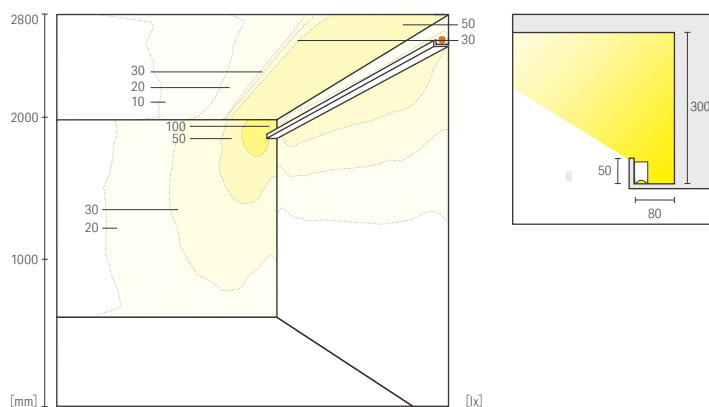
Dimmer & Dimmable PSU			DIM-S2L8V-0 (8A x 2ch. MAX)	DIM-S8L8V-0 (8A x 2ch. MAX)	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
			* Split into multiple circuit						
LTHY-**-DF-I-10	10.1	5	11.8*	7.1*	13.8*	8.3*	6.2*	4.1	2.7
LTHY-**-DF-I-21	21.5	5	5.5*	3.3	6.5*	3.9	2.9	1.9	1.3
LTHY-**-DF-I-31	31.6	3	3.7*	2.2	4.4*	2.6	1.9	1.3	0.8
			Cross section	0.3sq	0.5sq	0.75sq			
			Wiregauge	AWG22	AWG20	AWG18			
			② Max. length per circuit (m)	③ Max. cable length between PSU and the top of luminaire at ② Max. length per circuit (m)					
LTHY-**-DF-I-10	10.1	5	5	3.2	5.2	8.2			
LTHY-**-DF-I-21	21.5	5	5	1.5	2.4	3.8			
LTHY-**-DF-I-31	31.6	3	3	1.7	2.8	4.4			

Recommend dimensions and illumination distributions

LTHY-1003-NL27-DF-I-21

Cove lighting CH=2800

@2700 only



LCEY / LCELY **SHIN** series

Application

Ceiling cove & Wall graze



DAIKIN ALESSANDRO II
Location: Japan Architect office: Construction: Takenaka Corporation Interior design: ATELIER MANSARDE

Ceiling cove



Fairmont hotel
Location: Indonesia

Ceiling cove



Meyer House
Location: Singapore Client: Secure Venture Development (No.1) Pte Ltd Architect: WOHA Architects Lighting design: Light Collab

Wall graze



Kanazawa Tokyu Hotel
Location: Hong Kong Owner: TOKYU HOTELS CO., LTD. Architect office: ILYA Corporation Lighting design: sola associates
Construction: Tokyu Construction Co., Ltd. Photo: Nacása & Partners Inc.

Luci SHIN Creide® / Luci SHIN Creide® lens

Updated with high efficacy LED series and 2 wattage variations
 LCEY: For cove and wall grazer light with only 17.4mm in height and easy to be hidden
 Wider spread angle with diffuser cover
 LCELY: Narrower spread angle with the lens in diffused cover

LREY
SHIN RECTALTHY
SHIN THOFLCEY
SHIN CreideLCELY
SHIN Creide lensLCETHY
SHIN Creide THOFLSXY
SHIN SLUXLSXWY
SHIN SLUX wideLRM series
RIMIT seriesLRMHS
RIMIT HSLRMUS
RIMIT US

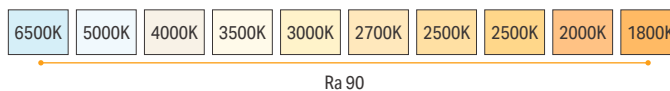
Specifications

Dimensions

Cross section W 42.5 x H 17.4 mm
 Length 14 types of fixed length

110	210	310	410	510	610
710	810	910	1010	1110	1210
1310	1410	(mm)			

Color temperature



Electrical & Output @2700K

Model			
LCEY	Power Consumption (W/m)	10.7	15.8
	Luminous flux (lm/m)	982	1416
	Luminaire efficacy (lm/W)	91.4	89.5
LCELY	Power Consumption (W/m)	10.7	15.8
	Luminous flux (lm/m)	959	1386
	Luminaire efficacy (lm/W)	89.2	87.6

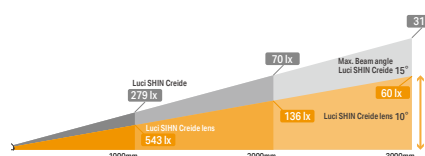


Connectors are concealed behind lighting fixtures

Features

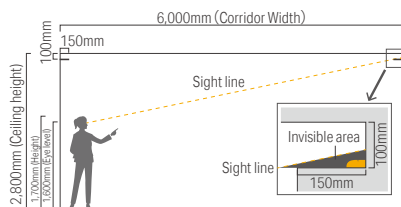
Light Distribution Analysis

Light Distribution Comparison: SHIN Creide vs. SHIN Creide lens



LCEY and LCELY have the same external dimensions, but differ slightly in the way the light is emitted: LCELY has a lens, which extends the light at an angle of 10° diagonally, while LCEY has no lens, so the light is emitted at a slightly wider angle of 15°. The LCELY is recommended when you want to extend the light a little more for a wall grazing effect, while the LCEY is recommended for large cove lighting where you want an asymmetrical, slightly wider light.

Invisible light without Pelmet

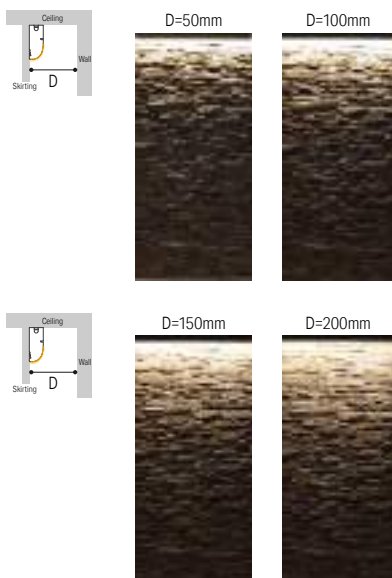


It refers to how the compact design of the fixture affects its light distribution and concealability. With a height of just 17mm, the luminaire is easy to hide within architectural elements, ensuring a clean, seamless installation while still providing effective illumination.

Even when installed in areas with a low bosom (shallow recess or limited mounting depth), the light extends outward efficiently, creating a wide, well-distributed glow. A cross-sectional illustration helps visualize how the luminaire fits discreetly while delivering consistent, glare-free lighting.

About SHIN Creide (LCEY)

Variation by Distance from Wall



The distance from the wall significantly affects the lighting effect and visual perception of the illuminated surface. A closer installation creates a sharper, more defined grazing effect, enhancing textures and shadows for a dramatic look. Increasing the distance from the wall results in a softer, more diffused wash of light, reducing contrast and creating a smoother illumination.

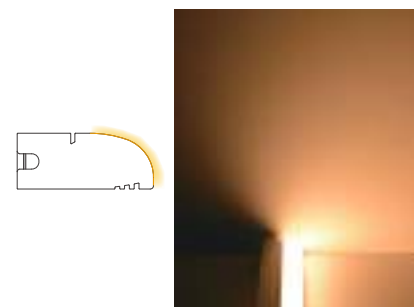
About SHIN Creide lens (LCELY)

Dots



LCELY is designed with lenses to ensure smooth and uniform illumination while making the LED dots less visible. This means that while individual LEDs are present, the light diffusion is carefully optimized, preventing a harsh or uneven lighting effect.

Luminaire Shape and Light



It refers to how the crescent-shaped design of the fixture affects its light distribution. This curved shape helps spread light more evenly, creating a soft, diffused glow rather than a harsh, concentrated beam.

By dispersing light smoothly, the crescent shape enhances ambient illumination, making it ideal for cove lighting, indirect lighting, and accent applications where a balanced and glare-free effect is needed.

LCEY SHIN series

Color management
MacAdam 3 step



L90>B10
60K

- Updated with high efficacy LED series and 2 wattage variations
- Increased 180% efficacy
- For cove and wall grazer light with only 17.4mm in height and easy to be hidden
- Wider spread angle with diffuser cover



Model No.

LCEY - □□□□ - □ - **DF** - **I** - □

Product Name	Length	Light source color	Cover type	Environment	Wattage
LCEY	0110 0810 0210 0910 0310 1010 0410 1110 0510 1210 0610 1310 0710 1410	D : 6500K N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L25 : 2500K L22 : 2200K L20 : 2000K L18 : 1800K	DF : Diffuser	I : Indoor	10 : 10.7 W/m 15 : 15.8 W/m

Specification

Wattage (Code)	10	15
Wattage (W/m)	10.7	15.8
Luminaire efficacy (lm/W) @2700K	91.4	89.5

Luman output

Light source color (Code)

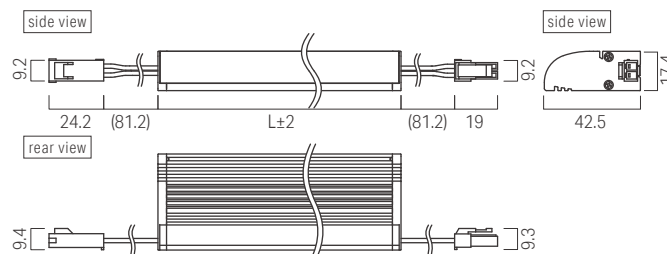
	Delivered CCT	CRI	Luminaire flux (lm/m)
D	6500K	6500K	Ra 96
N	5000K	5000K	Ra 93
W	4000K	4000K	Ra 97
WW	3500K	3500K	Ra 97
L30	3000K	2900K	Ra 95
L27	2700K	2600K	Ra 94
L25	2500K	2400K	Ra 94
L22	2200K	2100K	Ra 93
L20	2000K	1900K	Ra 91
L18	1800K	1700K	Ra 90

Length(Code)	Fitting length(mm)	Weigth(g)	Wattage (W)
0110	110.6	45	1.1 1.6
0210	210.6	90	2.1 3.2
0310	310.6	135	3.2 4.7
0410	410.6	175	4.3 6.3
0510	510.6	215	5.4 7.9
0610	610.6	255	6.4 9.5
0710	710.6	295	7.5 11.1
0810	810.6	335	8.6 12.7
0910	910.6	375	9.7 14.2
1010	1010.6	415	10.7 15.8
1110	1110.6	455	11.8 17.4
1210	1210.6	495	12.9 19.0
1310	1310.6	535	14.0 20.6
1410	1410.6	575	15.0 22.1

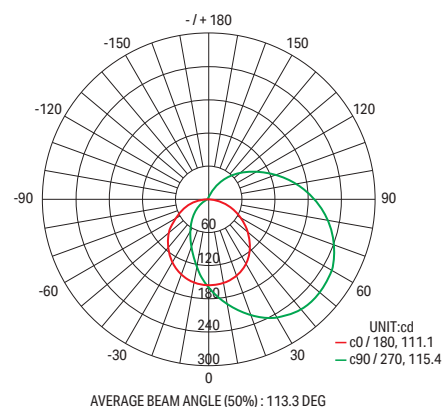
General Specification

Input voltage	DC24V
Environment	Indoors (no condensation)
Max. length per circuit	5m
Material	Body : aluminum , Cover : polycarbonate
Certification	CE
Dimmable	Yes (0-10V, 1-10V, DMX, DALI, PWM, Casambi)

External dimensions



Luminous intensity distribution



More detail



- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

Luci SHIN Creide® lens

LCELY SHIN series

Color management
MacAdam 3 step



L90>B10
60K

- Updated with low wattage high lumen LED series and 2 wattage variations
- Increased 160% efficacy
- Narrower spread angle with the lens in diffused cover



Model No.

LCELY



DF



Product Name	Length	Light source color	Cover type	Environment	Wattage
LCELY	0110 0810 0210 0910 0310 1010 0410 1110 0510 1210 0610 1310 0710 1410	D : 6500K N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L25 : 2500K L22 : 2200K L20 : 2000K L18 : 1800K	DF : Diffuser	I : Indoor	10 : 10.7 W/m 15 : 15.8 W/m

Specification

Wattage (Code)	10	15
Wattage	10.7	15.8
Luminaire efficacy @2700K	89.2	87.6

Luman output

Light source color (Code)

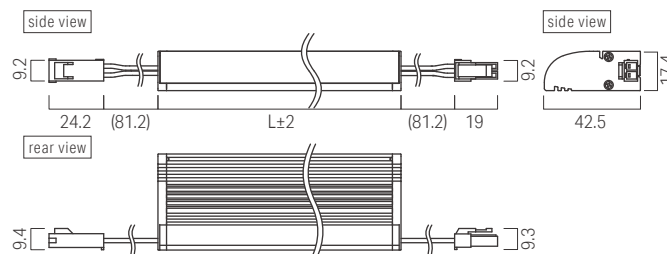
	Delivered CCT	CRI	Luminaire flux (lm/m)
D	6500K	6500K	Ra 96
N	5000K	4900K	Ra 93
W	4000K	3900K	Ra 97
WW	3500K	3500K	Ra 97
L30	3000K	2900K	Ra 95
L27	2700K	2600K	Ra 94
L25	2500K	2400K	Ra 94
L22	2200K	2100K	Ra 93
L20	2000K	1900K	Ra 91
L18	1800K	1700K	Ra 90

Length (Code)	Fitting length(mm)	Weigth(g)	Wattage (W)
0110	110.6	50	1.1 1.6
0210	210.6	95	2.1 3.2
0310	310.6	140	3.2 4.7
0410	410.6	180	4.3 6.3
0510	510.6	220	5.4 7.9
0610	610.6	260	6.4 9.5
0710	710.6	300	7.5 11.1
0810	810.6	340	8.6 12.7
0910	910.6	380	9.7 14.2
1010	1010.6	420	10.7 15.8
1110	1110.6	460	11.8 17.4
1210	1210.6	500	12.9 19.0
1310	1310.6	540	14.0 20.6
1410	1410.6	580	15.0 22.1

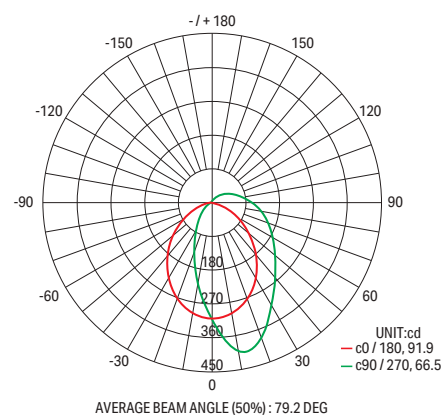
General Specification

Input voltage	DC24V
Environment	Indoors (no condensation)
Max. length per circuit	5m
Material	Body : aluminum , Cover : polycarbonate
Certification	CE
Dimmable	Yes (0-10V, 1-10V, DMX, DALI, PWM, Casambi)

External dimensions



Luminous intensity distribution

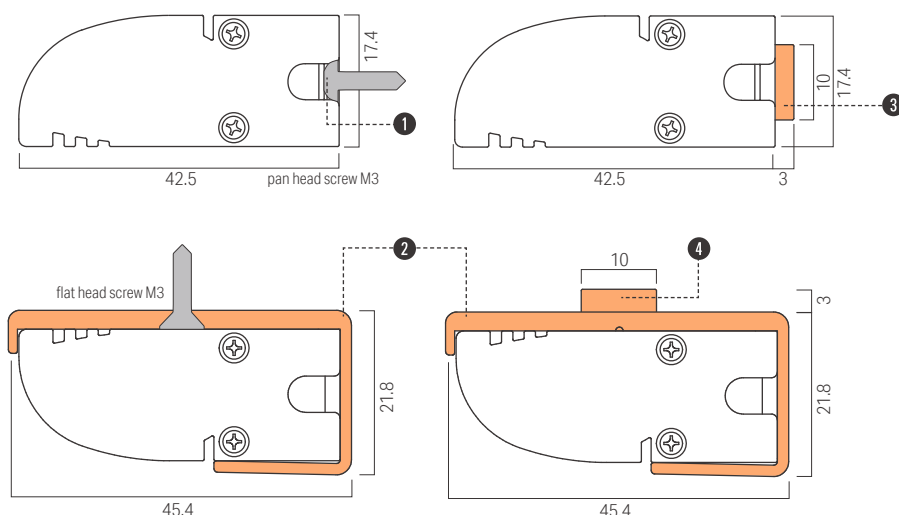


More detail

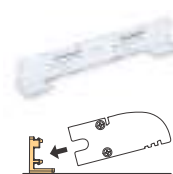


- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

Cross sectional view with accessories



Accessories



1 Mounting clip A for Creide Attachment

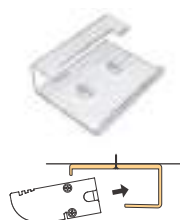
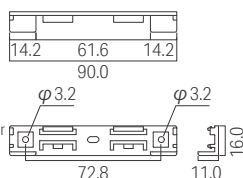
Model No : LCE-PT-A

Attached with light fixture

1pc - 0110, 0210
 2pcs - 0310, 0410, 0510, 0610, 0710
 3pcs - 0810, 0910, 1010, 1110
 4pcs - 1210, 1310, 1410

For extra order
 2 pcs / bag

For magnet installation,
 please refer to the required number
 of clips in the product catalog.



2 Outer clip for Creide

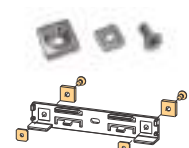
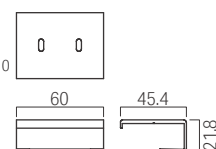
Model No : LCE-PT-B

2 pcs/bag

Recommended number

1pc - 0110, 0210
 2pcs - 0310, 0410
 3pcs - 0510, 0610, 0710
 4pcs - 0810, 0910, 1010, 1110, 1210
 5pcs - 1310, 1410

For magnet installation,
 please refer to the required number
 of clips in the product catalog.



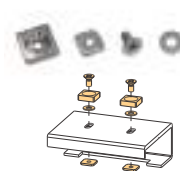
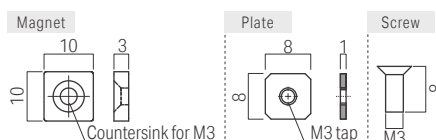
3 Magnet Set L

Model No : MG-L

10 sets/bag

Required 2 pcs per Mounting clip A

Used for installing light fixture with 1 Mounting clip A on metal plate.
 Metal plate is required by installer.



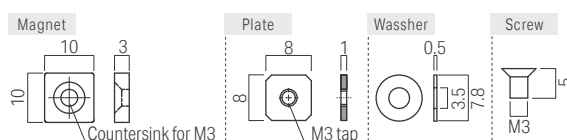
4 Magnet Set A

Model No : MG-A

5 sets/bag

Required 2 pcs per Outer clip

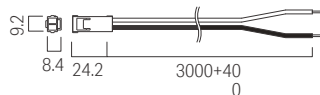
Used for installing light fixture with 2 Outer clip for Creide on metal plate.
 Metal plate is required by installer.



5 Power supply cable 3M

Model No : CAD-3000-MCNN-I

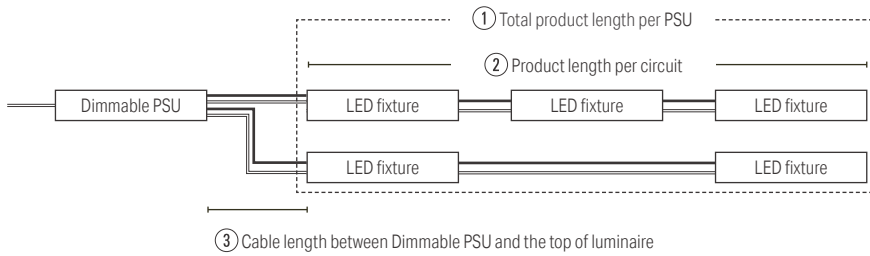
1 pcs per circuit for connecting the light fixture
 to power supply or dimmer driver.



Recommended No. of clips & magnets

Length	0110	0210	0310	0410	0510	0610	0710	0810	0910	1010	1110	1210	1310	1410	
Attachment															
Mounting clip A	1 pc	1 pc	2 pcs	2 pcs	2 pcs	2 pcs	2 pcs	3 pcs	3 pcs	3 pcs	3 pcs	4 pcs	4 pcs	4 pcs	Unit of order
Recommended No. of 1 Mounting clip A	1 pc	1 pc	2 pcs	2 pcs	2 pcs	2 pcs	2 pcs	3 pcs	3 pcs	3 pcs	3 pcs	4 pcs	4 pcs	4 pcs	2 pcs/bag
Extra															
1 Mounting clip A for magnet installation	0 pc	0 pc	0 pc	0 pc	1 pc	1 pc	1 pc	1 pc	1 pc	1 pc	1 pc	1 pc	1 pc	1 pc	2 pcs/bag
1 Magnet set L	2 pcs	2 pcs	4 pcs	4 pcs	6 pcs	6 pcs	6 pcs	8 pcs	8 pcs	8 pcs	8 pcs	10 pcs	10 pcs	10 pcs	10 pcs/bag
Recommended No. of 2 Outer clip	1 pc	1 pc	2 pcs	2 pcs	3 pcs	3 pcs	3 pcs	4 pcs	4 pcs	4 pcs	4 pcs	4 pcs	5 pcs	5 pcs	2 pcs/bag
1 Magnet set A	2 pcs	2 pcs	4 pcs	4 pcs	6 pcs	6 pcs	6 pcs	8 pcs	8 pcs	8 pcs	8 pcs	8 pcs	10 pcs	10 pcs	5 pcs/bag

System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refet to ▶
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232

Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refet to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU			PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
			DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
LCEY/LCELY-**-DF-I-10	10.7	5	11.2*	8.4*	13*	7.8*	5.8*	3.9	2.6
LCEY/LCELY-**-DF-I-15	15.8	5	7.5*	5.6*	8.8*	5.3*	3.9	2.6	1.7

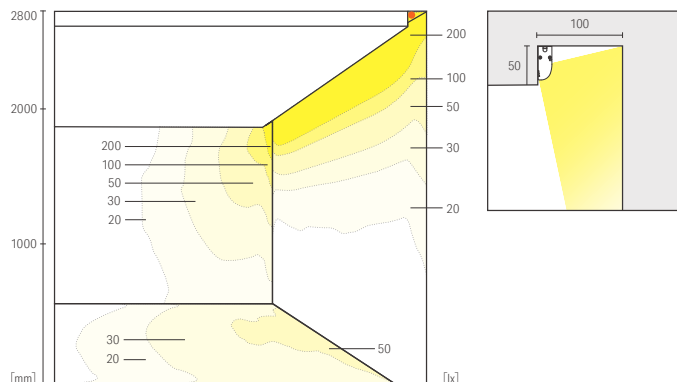
Model No.	Wattage (W/m)	Cross section		0.3sq		0.5sq		0.75sq	
		Wiregauze		AWG22		AWG20		AWG18	
		② Max. length per circuit (m)		③ Max. cable length between PSU and the top of luminaire at ② Max. length per circuit (m)					
LCEY/LCELY-**-DF-I-10	10.7	5		3		5		7.7	
LCEY/LCELY-**-DF-I-15	15.8	5		2		3.3		5.2	

Recommend dimensions and illumination distributions

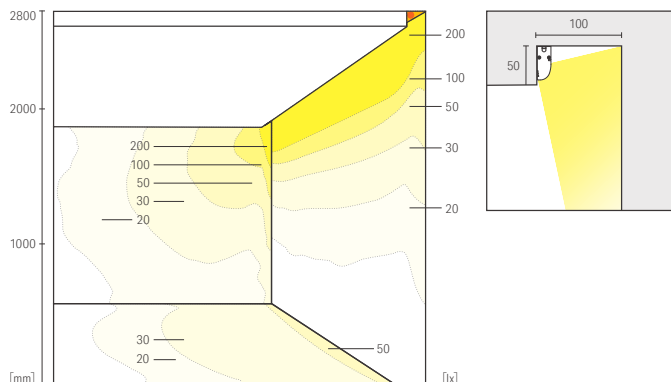
LCEY-1010-L27-DF-I-15

LCELY-1010-L27-DF-I-15

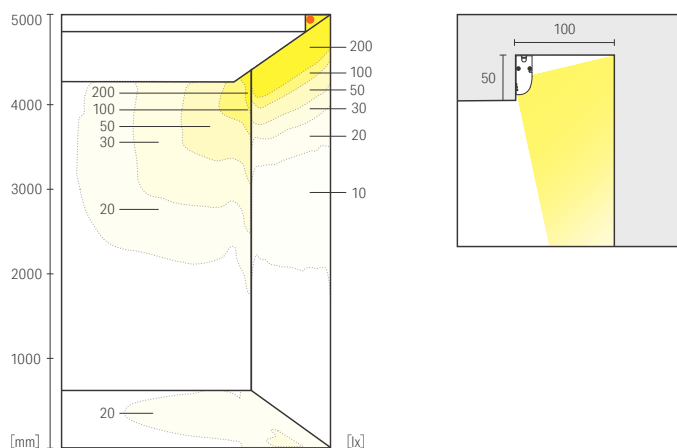
Cornice lighting-1 CH=2800



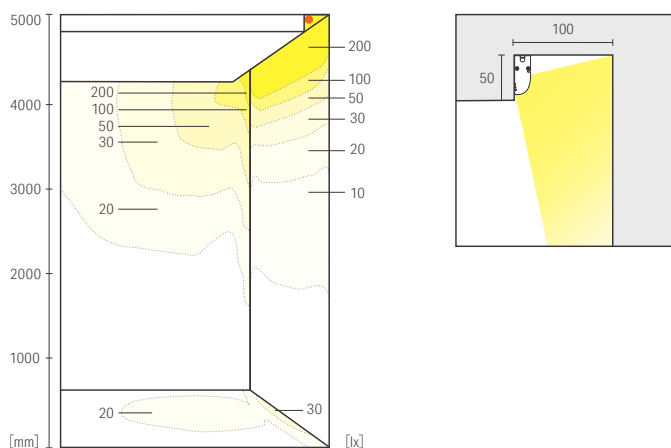
Cornice lighting-1 CH=2800



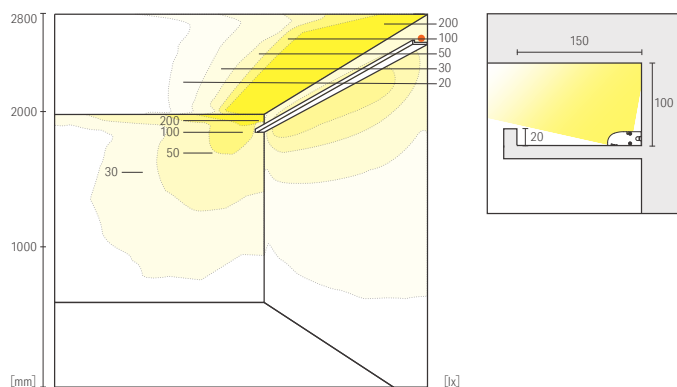
Cornice lighting-2 CH=5000



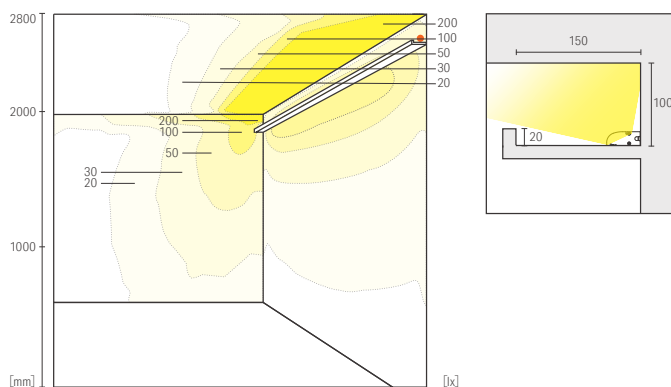
Cornice lighting-2 CH=5000



Cove lighting CH=2800



Cove lighting CH=2800



LREY
SHIN RECTA

LTHY
SHIN THOF

LCEY
SHIN Creide

LCELY
SHIN Creide lens

LCETHY
SHIN Creide THOF

LSXY
SHIN SLUX

LSXWY
SHIN SLUX wide

LRM series
RIMIT series

LRMHs
RIMIT's

LRMUS
RIMIT us

LCETHY **SHIN** series

Application

Wall graze



CONRAD SEOUL
Location: Korea Architect office:ALTO

Ceiling cove



OSAKA MARRIOTT MIYAKO HOTEL
Location: JAPAN Owner: Kintetsu Hotel Systems, Inc. Total Production: Kintetsu Hotel Systems, Inc. Tutomu Nakayama Total management: Kintetsu Hotel Systems, Inc. Osaka Marriott Miyako Hotel construction office
Design and management: NIHON SEKKEI, INC., KANKO KIKAKU SEKKEISHA Consortium Construction: Takenaka Corporation, OKUMURA CORPORATION, Obayashi Corporation, Dai Nippon Construction, The Zenitaka Corporation Consortium
Air conditioning and sanitation construction: SANKI ENGINEERING CO., LTD., Japan Facilio, KINTETSU ELECTRICAL ENGINEERING CO., LTD. Consortium
Electric construction: KINDEN CORPORATION, KINTETSU ELECTRICAL ENGINEERING CO., LTD., Japan Facilio Consortium Interior, signature construction: KINSO Corporation Photo: Forward Stroke Inc.

Wall graze



Watanabe Pipe Co. Ltd. Ryogoku Office
Location: Japan Architect office:PLANTEC ARCHITECTS Lighting design:sola associates

Ceiling cove



HOTEL NEW GRAND the CAFE
Location:JAPAN Architect office, Interior Construction: MITSUI Designtec Co., Ltd.
Architecture Construction:SHIMIZU CORPORATION Photo:Keisuke Miyamoto

Luci SHIN Creide® THOF

Tunable options for cove with high lumen low wattage series
For cove and wall grazer light with only 17.4mm in height and easy to be hidden
2 types of wattage

Specifications

Dimensions

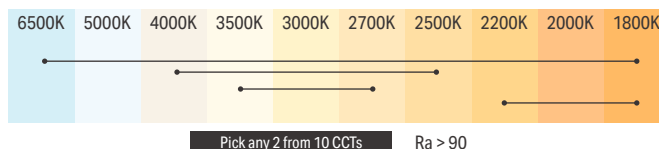
Cross section W 42.5 x H 17.4 mm
Length 14 types of fixed length

1410	1310	1210	1110	1010	910
810	710	610	510	410	310
210	110	(mm)			

Electrical & Output @5000K 100%, 2700K 100%

Model		10	21
Power Consumption (W/m)		10.7	21.5
Luminous flux (lm/m)	5000K 100%, 2700K 0%	533	1108
	5000K 100%, 2700K 100%	1008	2097
	5000K 0%, 2700K 100%	476	989
Luminous efficiency (L27)		93.8	97.5

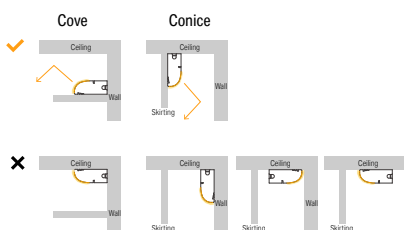
Color temperature



Connectors are concealed behind lighting fixtures

Features

Correct installation



The luminaire emits light at an 15degree angle, so proper installation and orientation are crucial to achieving the desired lighting effect. Incorrect positioning may result in uneven illumination, glare, or misplaced light distribution. Ensuring the correct orientation allows for optimal light coverage, making the fixture effective for cove, wall grazing, or indirect lighting applications.

Fixtures comparison



It highlights the differences between this luminaire and a regular tape light, showcasing improvements in brightness, light distribution, and efficiency. Unlike standard tape lights, this luminaire features advanced optics, better diffusion, and more uniform illumination, reducing glare and hotspots.

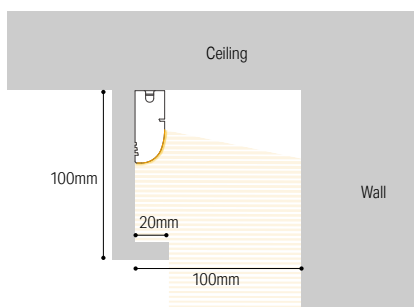
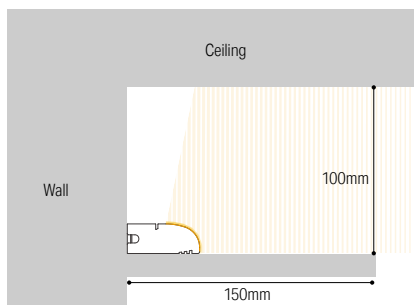
Wattage list

	10.7	21.5
Power consumption (W/m)	10.7	21.5
Luminaire flux @N 100% (lm/W)	533	1108
Luminaire flux @N, L27 100% (lm/W)	1008	2097
Luminaire flux @L27 100% (lm/W)	476	989

It offers two wattage options: 10W and 21W, providing flexibility based on brightness needs and energy efficiency. The 10W version is ideal for soft, ambient lighting, while the 21W version delivers higher output for brighter, more impactful illumination.

These variations allow for customized lighting solutions, making them suitable for ceiling coves, wall washing, and accent lighting in residential, commercial, and hospitality spaces.

Recommended application



Ceiling cove

It is designed for tunable ceiling cove lighting for circadian lighting, delivering soft, uniform illumination with a high-efficiency output. Its precise optical control ensures smooth indirect lighting, reducing glare while enhancing architectural aesthetics. Ideal for luxury residences living room, hotels rooms and ball rooms, all day dining restaurant lobbies, theaters, and commercial spaces, it creates a warm, inviting ambiance with seamless integration into cove structures.

Wall wash

Ideal for tunable wall wash applications, it provides smooth, even illumination that emphasises vertical surfaces with soft, even light. Highly efficient optics minimise shadows and glare for clean, sophisticated lighting effects. Ideal for hotel lobbies and high-end residences where circadian effects are preferred, and for galleries, commercial spaces and high-end residences where colour temperatures need to be adjusted to suit the object or purpose, the stable brightness accentuates wall surfaces and architectural features.

LCETHY SHIN series

Color management
MacAdam 3 step



L90>B10
60K

- Tunable options for cove with high lumen low wattage series
- For cove and wall grazer light with only 17.4mm in height and easy to be hidden
- 2 types of wattage



Model No.

LCETHY - □□□□ - □ - DF - I - □

Product Name	Length	Light source color	Cover type	Environment	Wattage
LCETHY	0110 0810 0210 0910 0310 1010 0410 1110 0510 1210 0610 1310 0710 1410	Select 2 CCTs D : 6500K L27 : 2700K N : 5000K L25 : 2500K W : 4000K L22 : 2200K WW : 3500K L20 : 2000K L30 : 3000K L18 : 1800K	DF : Diffuser	I : Indoor	10 : 10.7 W/m 21 : 21.5 W/m

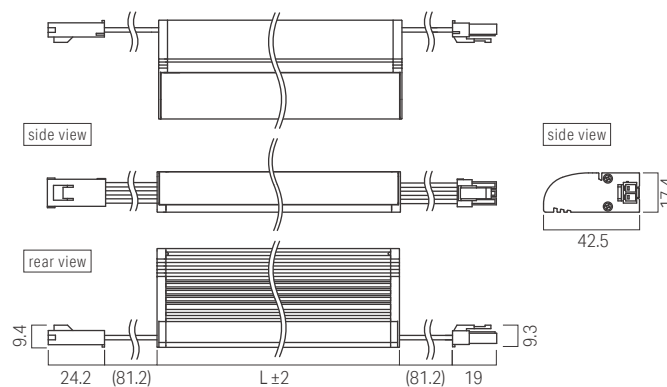
Specification

Wattage (Code)			10	21
Wattage(W/m)			10.7 W/m	21.5 W/m
Length(Code)	Fitting length (mm)	Weight(g)	Wattage	
0110	110.6 mm	45 g	1.1 W	2.1 W
0210	210.6 mm	90 g	2.1 W	4.3 W
0310	310.6 mm	135 g	3.2 W	6.4 W
0410	410.6 mm	175 g	4.3 W	8.6 W
0510	510.6 mm	215 g	5.4 W	10.7 W
0610	610.6 mm	255 g	6.4 W	12.9 W
0710	710.6 mm	295 g	7.5 W	15.0 W
0810	810.6 mm	335 g	8.6 W	17.2 W
0910	910.6 mm	375 g	9.7 W	19.3 W
1010	1010.6 mm	415 g	10.7 W	21.5 W
1110	1110.6 mm	455 g	11.8 W	23.6 W
1210	1210.6 mm	495 g	12.9 W	25.8 W
1310	1310.6 mm	535 g	14.0 W	27.9 W
1410	1410.6 mm	575 g	15.0 W	30.1 W

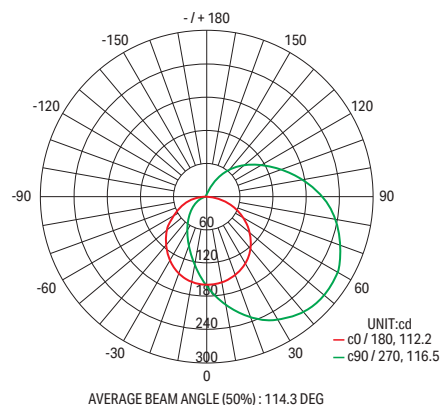
General Specification

Input voltage	DC24V
Environment	Indoors (no condensation)
Max. length per circuit	5m
Material	Body : aluminum , Cover : polycarbonate
Certification	CE, PBT Free
Dimmable	Yes (Tunable white driver is required)

External dimensions



Luminous intensity distribution

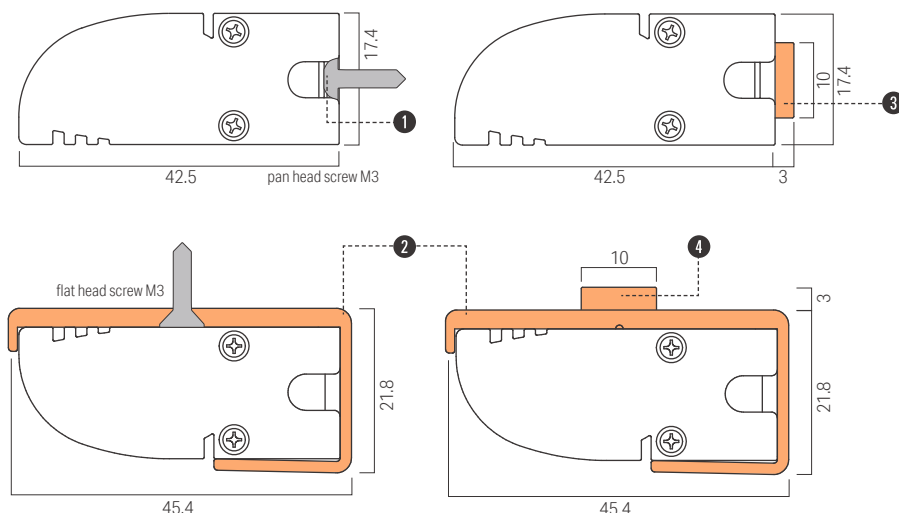


More detail

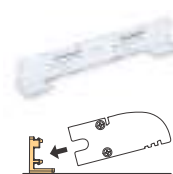


- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

Cross sectional view with accessories



Accessories

1 Mounting clip A for Creide **Attachment**

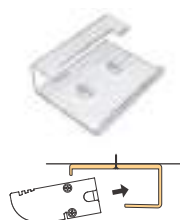
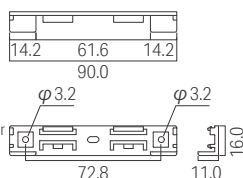
Model No : LCE-PT-A

Attached with light fixture

1pc - 0110, 0210
 2pcs - 0310, 0410, 0510, 0610, 0710
 3pcs - 0810, 0910, 1010, 1110
 4pcs - 1210, 1310, 1410

For extra order
 2 pcs / bag

For magnet installation,
 please refer to the required number
 of clips in the product catalog.



2 Outer clip for Creide

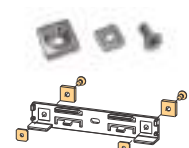
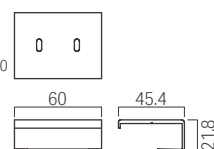
Model No : LCE-PT-B

2 pcs/bag

Recommended number

1pc - 0110, 0210
 2pcs - 0310, 0410
 3pcs - 0510, 0610, 0710
 4pcs - 0810, 0910, 1010, 1110, 1210
 5pcs - 1310, 1410

For magnet installation,
 please refer to the required number
 of clips in the product catalog.



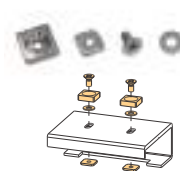
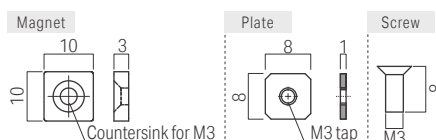
3 Magnet Set L

Model No : MG-L

10 sets/bag

Required 2 pcs per Mounting clip A

Used for installing light fixture with 1 Mounting clip A on metal plate.
 Metal plate is required by installer.



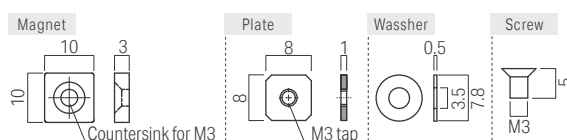
4 Magnet Set A

Model No : MG-A

5 sets/bag

Required 2 pcs per Outer clip

Used for installing light fixture with 2 Outer clip for Creide on metal plate.
 Metal plate is required by installer.

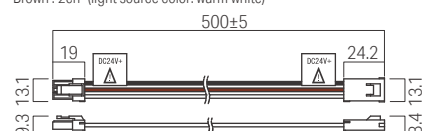


5 Power supply cable 500mm for THOF

Model No : CAD-0500-MDFD-I

1 pc per circuit for connecting the light fixture
 to power supply or dimmer driver.

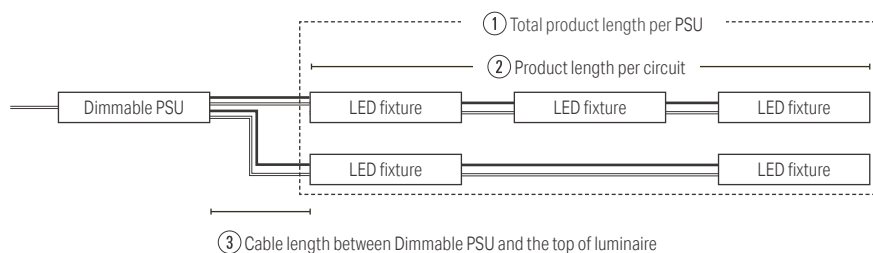
Black : +
 White : 1ch- (light source color: white)
 Brown : 2ch- (light source color: warm white)



Recommended No. of clips & magnets

Length	0110	0210	0310	0410	0510	0610	0710	0810	0910	1010	1110	1210	1310	1410	
Attachment															
Mounting clip A	1 pc	1 pc	2 pcs	2 pcs	2 pcs	2 pcs	2 pcs	3 pcs	3 pcs	3 pcs	3 pcs	4 pcs	4 pcs	4 pcs	Unit of order
Recommended No. of 1 Mounting clip A	1 pc	1 pc	2 pcs	2 pcs	2 pcs	2 pcs	2 pcs	3 pcs	3 pcs	3 pcs	3 pcs	4 pcs	4 pcs	4 pcs	2 pcs/bag
Extra															
1 Mounting clip A for magnet installation	0 pc	0 pc	0 pc	0 pc	1 pc	1 pc	1 pc	1 pc	1 pc	1 pc	1 pc	1 pc	1 pc	1 pc	2 pcs/bag
1 Magnet set L	2 pcs	2 pcs	4 pcs	4 pcs	6 pcs	6 pcs	6 pcs	8 pcs	8 pcs	8 pcs	8 pcs	10 pcs	10 pcs	10 pcs	10 pcs/bag
Recommended No. of 2 Outer clip	1 pc	1 pc	2 pcs	2 pcs	3 pcs	3 pcs	3 pcs	4 pcs	4 pcs	4 pcs	4 pcs	4 pcs	5 pcs	5 pcs	2 pcs/bag
1 Magnet set A	2 pcs	2 pcs	4 pcs	4 pcs	6 pcs	6 pcs	6 pcs	8 pcs	8 pcs	8 pcs	8 pcs	8 pcs	10 pcs	10 pcs	5 pcs/bag

System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refet to ▶
DIM-S2L8V-0	167 × 51 × 23	P.235

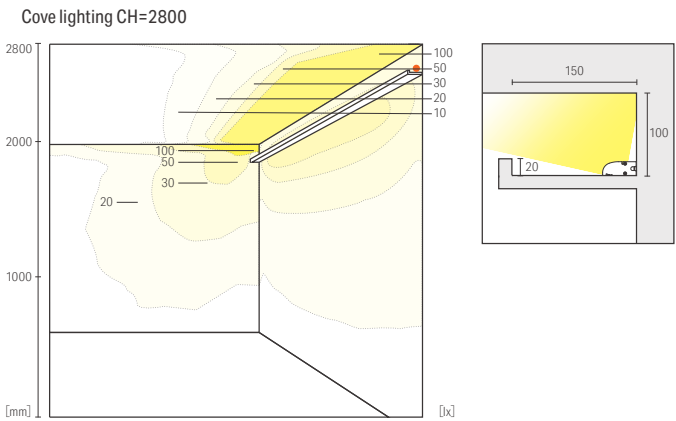
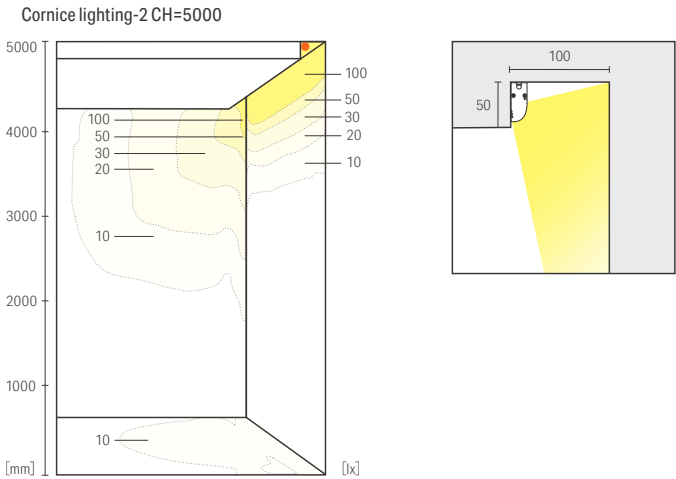
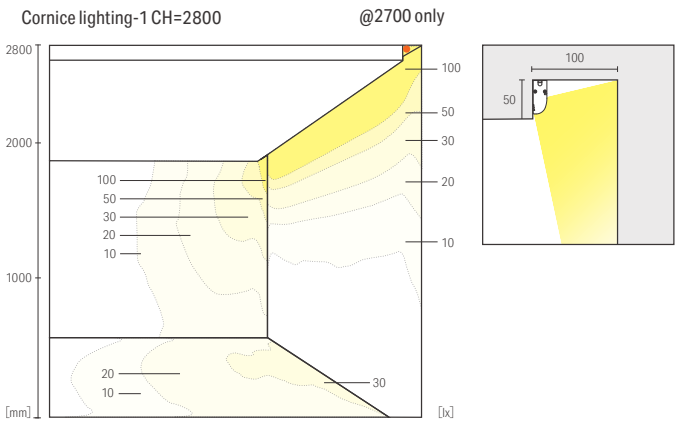
Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refet to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU			DIM-S2L8V-0 (8A x 2ch. MAX)	DIM-S8L8V-0 (8A x 2ch.MAX)	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
			* Split into multiple circuit						
LCETHY-**-DF-I-10	10.7	5	11.2*	6.7*	13*	7.8*	5.8*	3.9	2.6
LCETHY-**-DF-I-21	21.5	5	5.5*	3.3	6.5*	3.9	2.9	1.9	1.3
			Cross section	0.3sq	0.5sq		0.75sq		
			Wiregauge	AWG22	AWG20		AWG18		
Model No.	Wattage (W/m)	② Max. length per circuit (m)	③ Max. cable length between PSU and the top of luminaire at ② Max. length per circuit (m)						
LCETHY-**-DF-I-10	10.7	5	3.2	5.2*		8.2*			
LCETHY-**-DF-I-21	21.5	5	1.5	2.4		3.8			

Recommend dimensions and illumination distributions

LCETHY-1010-NL27-DF-I-15



LSXY **SHIN** series

Application

Shelf back



SHISEI HANTEN
Location:Singapore Architect Office:A.N.D Lighting Design, Photo:ambiguous Construction:Nomura Singapore

Back rest



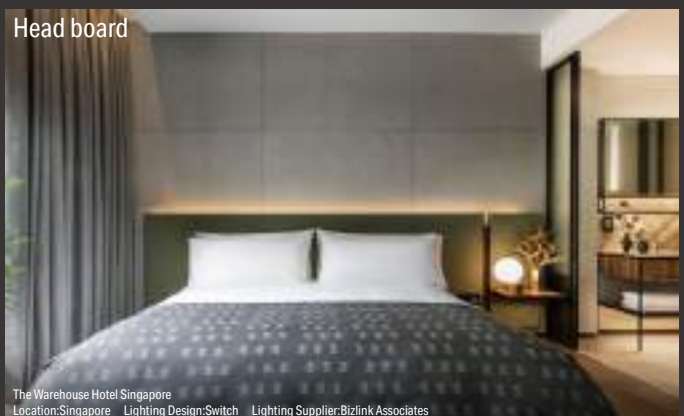
THE WESTIN AWAJI ISLAND RESORT & CONFERENCE CENTER repair work
Location:Japan Architect office, Construction:J.FRONT DESIGN & CONSTRUCTION Co.,Ltd. Lighting design:KOIZUMI LIGHTING TECHNOLOGY CORP.

Wall recessed



Rental apartment [Grand luxs] car elevator
Location:Japan Architect office, Lighting design, Construction:Daiko Co., Ltd

Head board



The Warehouse Hotel Singapore
Location:Singapore Lighting Design:Switch Lighting Supplier:Bizlink Associates

Available 5 different wattage variations
 Customisable every 50mm increment up to 1.4M
 Square-shaped homogeneous rigid light
 Ideal for shelf/cove light and recessed direct view light on ceiling/wall

Specifications

Dimensions

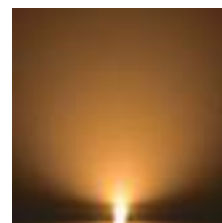
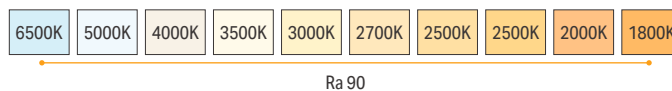
Cross section : W 12xH 14 mm
 Length : 26 types of fixed length

60	110	160	210	260	310
360	410	460	510	560	610
660	710	760	810	860	910
960	1110	1160	1210	1260	1310
1360	1410	(mm)			

Electrical & Output @2700K

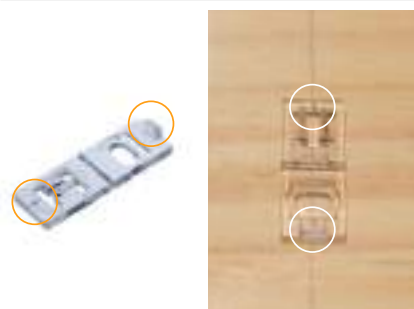
Power Consumption (W/m)	2.1	4.2	6.4	10.8	15.9
Luminous flux (lm/m)	149	302	450	757	1098
Luminaire efficacy (lm/W)	70.2	71.2	70.4	69.9	69.1

Color temperature



Features

Center Mark



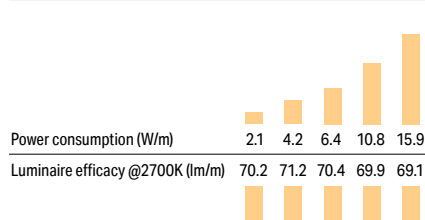
The multi-clip allows for easy installation as there is a center mark to align the chalk line. This simplifies the mounting process, ensuring a secure and seamless setup while maintaining a clean and professional appearance in architectural and interior lighting applications.

Optional Item



Lift clip is for recessed or side mounting, ensuring secure and easy installation. The connectors fit inside the clip, maintaining a clean look while allowing for easy attachment and adjustment, making it ideal for architectural and commercial lighting applications.

Luminous Efficacy by Power Level



With the high-efficiency upgrade in LSXY, as the latest version offers improved performance, better energy savings, and higher brightness. The enhanced design ensures optimal lumen output per watt, making it a more advanced and efficient lighting solution for various applications.

Cable



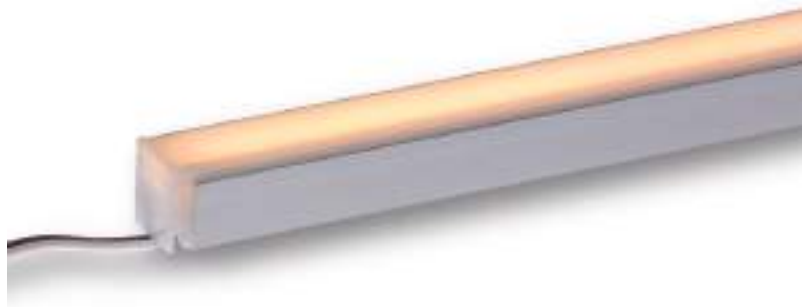
It design allows for three-directional cable exit, making cable management easier and more flexible. This enables placement behind or to the side of the fixture, ensuring a clean and organized installation in architectural and commercial lighting applications.

Luminaire Shape and Light



It feature ensures minimal dark spots by using transparent end caps, allowing for a seamless and continuous lighting effect. Unlike commercial profiles with opaque end caps that create visible gaps in illumination, this design provides a smooth, evenly lit joint, enhancing the overall aesthetic and uniformity in architectural and commercial lighting applications.

- Updated with low wattage high lumen LED series
- Available 5 different wattage variations
- Customisable every 50mm increment up to 1.4M
- Square-shaped homogeneous rigid light
- Ideal for shelf/cove light and recessed direct view light on ceiling/wall



Model No.

Product Name	Length				Light source color		Cover type	Environment	Wattage
LSXY	0060	0410	0760	1110	D : 6500K	L27 : 2700K	DF : Diffuser	I : Indoor	2 : 2.1 W/m
	0110	0460	0810	1160	N : 5000K	L25 : 2500K			4 : 4.2 W/m
	0160	0510	0860	1210	W : 4000K	L22 : 2200K			6 : 6.4 W/m
	0210	0560	0910	1260	WW : 3500K	L20 : 2000K			10 : 10.8 W/m
	0260	0610	0960	1310	L30 : 3000K	L18 : 1800K			15 : 15.9 W/m
	0310	0660	1010	1360					
	0360	0710	1060	1410					

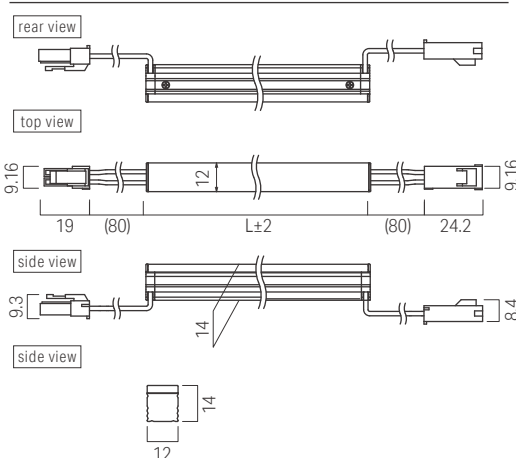
Specification

Wattage (Code)	2	4	6	10	15
Wattage	2.1 W/m	4.2 W/m	6.4 W/m	10.8 W/m	15.9 W/m
Luminaire efficacy @2700K	70.2 lm/W	71.2 lm/W	70.4 lm/W	69.9 lm/W	69.1 lm/W
Luman output					
Light source color (Code)		Luminaire flux (lm/m)			
Delivered CCT	CRI				
D 6500K	6300K Ra 96	168	342	508	856
N 5000K	4800K Ra 93	167	339	504	848
W 4000K	3900K Ra 97	164	333	495	833
WW 3500K	3400K Ra 97	163	330	490	826
L30 3000K	2900K Ra 95	158	321	477	803
L27 2700K	2600K Ra 94	149	302	450	757
L25 2500K	2400K Ra 94	110	224	333	561
L22 2200K	2100K Ra 93	103	209	310	523
L20 2000K	1900K Ra 91	94	191	283	477
L18 1800K	1700K Ra 91	91	184	274	462
Length(Code)	Fitting length(mm)	Weight(g)	Wattage (W)		
0060	60	12	0.1	0.3	0.4
0110	110	20	0.2	0.5	0.7
0160	160	27	0.3	0.7	1.0
0210	210	35	0.4	0.9	1.3
0260	260	42	0.5	1.1	1.6
0310	310	50	0.7	1.3	2.0
0360	360	67	0.8	1.5	2.3
0410	410	76	0.9	1.7	2.6
0460	460	82	1.0	1.9	2.9
0510	510	90	1.1	2.1	3.2
0560	560	97	1.2	2.4	3.5
0610	610	105	1.3	2.6	3.9
0660	660	112	1.4	2.8	4.2
0710	710	120	1.5	3.0	4.5
0760	760	127	1.6	3.2	4.8
0810	810	135	1.7	3.4	5.1
0860	860	142	1.8	3.6	5.4
0910	910	150	1.9	3.8	5.8
0960	960	162	2.0	4.0	6.1
1010	1010	170	2.1	4.2	6.4
1060	1060	177	2.2	4.5	6.7
1110	1110	185	2.3	4.7	7.0
1160	1160	192	2.4	4.9	7.3
1210	1210	200	2.5	5.1	7.7
1260	1260	207	2.6	5.3	8.0
1310	1310	215	2.8	5.5	8.3
1360	1360	222	2.9	5.7	8.6
1410	1410	230	3.0	5.9	8.9

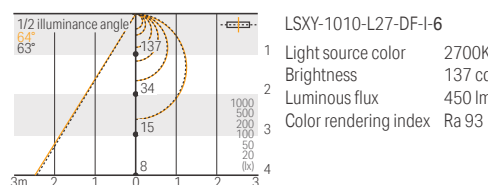
General Specification

Input voltage	DC24V
Environment	Indoors (no condensation)
Max. length per circuit	6m (2.1W/m, 4.2W/m, 6.4W/m, 10.8W/m) 5m (15.9W/m)
Material (body)	Polycarbonate, Aluminum
Certification	CE
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi)

External dimensions



Light distribution curve

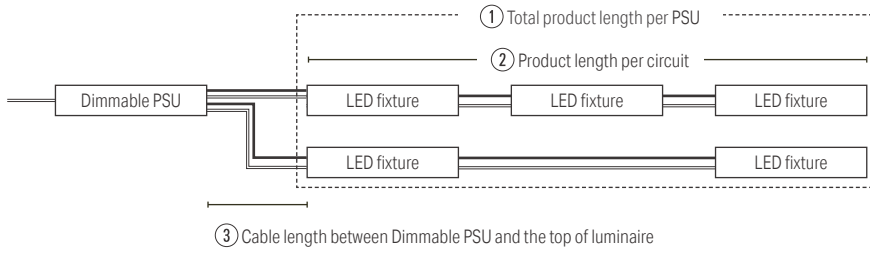


More detail



- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refer to ▶
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232

Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refer to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU			PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
			DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
			* Split into multiple circuit						
LSXY-**-DF-I-2	2.1	6	57.1*	42.8*	66.6*	40*	30*	20*	13.3*
LSXY-**-DF-I-4	4.2	6	28.5*	21.4*	33.3*	20*	15*	10*	6.6*
LSXY-**-DF-I-6	6.4	6	18.7*	14*	21.8*	13.1*	9.8*	6.5*	4.3
LSXY-**-DF-I-10	10.8	6	11.1*	8.3*	12.9*	7.7*	5.8	3.8	2.5
LSXY-**-DF-I-15	15.9	5	7.9*	5.9*	9.2*	5.5*	4.1	2.7	1.8
			Cross section	0.3sq	0.5sq	0.75sq			
			Wiregauge	AWG22	AWG20	AWG18			
Model No.	Wattage (W/m)	② Max. length per circuit (m)	③ Max. cable length between PSU and the top of luminaire at ② Max. length per circuit (m)						
LSXY-**-DF-I-2	2.1	6	13	20	32				
LSXY-**-DF-I-4	4.2	6	6.5	10.5	16.5				
LSXY-**-DF-I-6	6.4	6	4	7	11				
LSXY-**-DF-I-10	10.8	6	3	4	7				
LSXY-**-DF-I-15	15.9	5	1.7	2.8	4.5				

LREY
SHIN RECTA

LTHY
SHIN THOF

LCEY
SHIN Ceide

LCELY
SHIN Ceide lens

LCETHY
SHIN Ceide THOF

LSXY
SHINsilux

LSXWY
SHIN silux wide

LRM series
RIMIT series

LRMHS
RIMIT HS

LRMUS
RIMIT US

Luci SHIN silux®

Luci SHIN silux® wide

LSXWY **SHIN** series

Application

Ceiling cove



Isuzu Motors Limited Head Office Building
Architect office: ISUZU Estate Co., Ltd. / Sakura Associates architects and engineers
Lighting design: ICE ILLUMINATION OF CITY ENVIRONMENT
Photo: Yasuyuki Akiba

Shelf



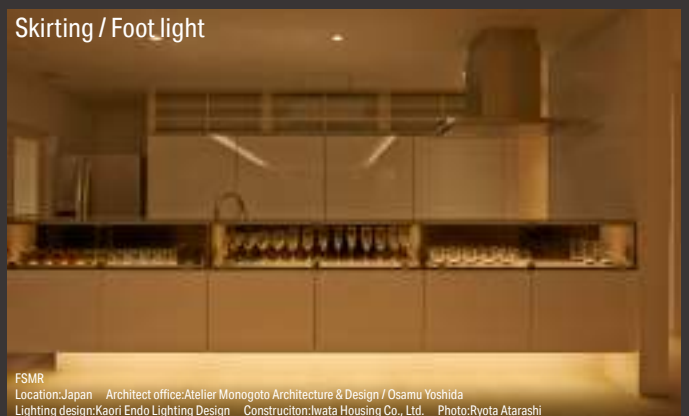
Minakami Hotel Jurak
Location: Japan Architect office: Ishii Architectural Office Co., Ltd. Lighting design: sola associates
Construction: TOBU CONSTRUCTION Co., Ltd.

Step



Minakami Hotel Jurak
Location: Japan Architect office: Ishii Architectural Office Co., Ltd. Lighting design: sola associates
Construction: TOBU CONSTRUCTION Co., Ltd.

Skirting / Foot light



FSMR
Location: Japan Architect office: Atelier Monogoto Architecture & Design / Osamu Yoshida
Lighting design: Kaori Endo Lighting Design Construction: Iwata Housing Co., Ltd. Photo: Ryota Atarashi



Luci SHIN silux® wide

Available 5 different wattage variations
Customisable every 50mm increment up to 1.4M
Homogenous rigid light with a quarter-circle cross sectionIdeal for shelf/cove light
and recessed direct view light on ceiling/wall

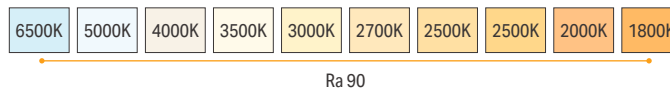
Specifications

Dimensions

Cross section : W18 x H12 mm
Length : 26 types of fixed length

60	110	160	210	260	310
360	410	460	510	560	610
660	710	760	810	860	910
960	1110	1160	1210	1260	1310
1360	1410	(mm)			

Color temperature



Electrical & Output @2700K

Power Consumption (W/m)	2.1	4.2	6.4	10.8	15.9
Luminous flux (lm/m)	205	411	620	1040	1482
Luminaire efficacy (lm/W)	96.4	96.7	97.1	96.0	93.3

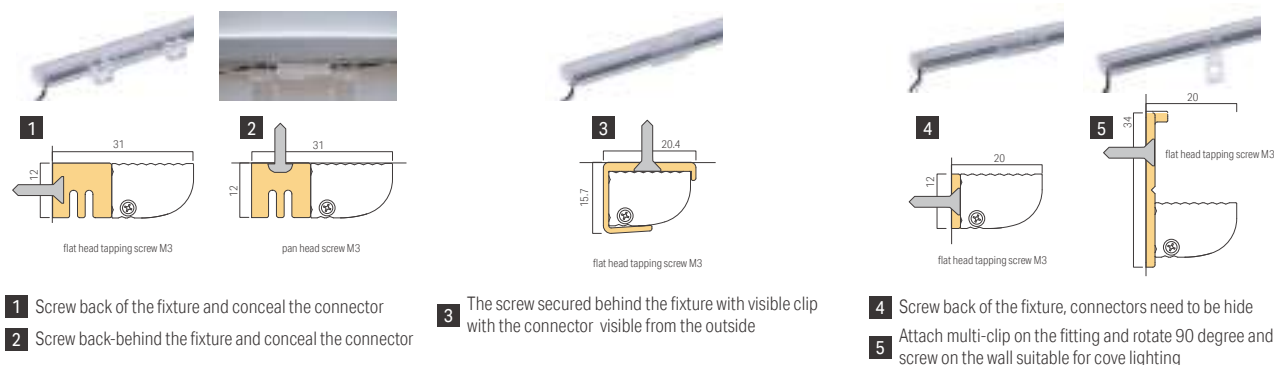


SHIN silux wide has a quarter-circle cross-section ideal for cove and shelf lighting. The light distribution is tilted so that can be illuminated widely and efficiently.

Features

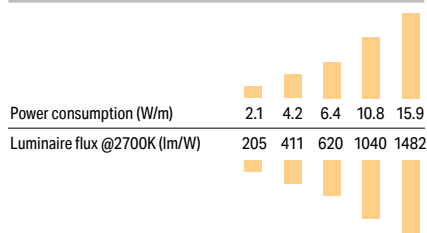
Mounting Options

Various accessories are available to accommodate different screw directions, ensuring flexible and secure installation.



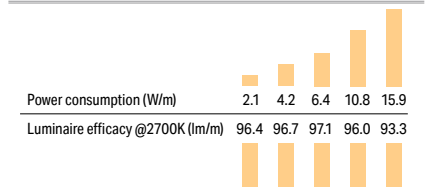
This allows for customized mounting options, making it easier to adapt to various surfaces and installation requirements in architectural and commercial lighting applications.

Wattage list



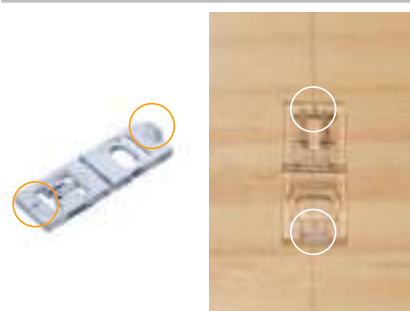
It offers five different wattage variations, providing flexibility in brightness and energy consumption. This allows users to choose the optimal wattage based on their lighting needs. A comparison with other wattage options helps in selecting the most efficient and suitable illumination for architectural, commercial, and residential applications.

High Efficiency



It update features a low wattage, high lumen LED series, providing greater brightness with reduced energy consumption. This enhancement improves efficiency and performance, making it ideal for sustainable and cost-effective lighting solutions in architectural, commercial, and residential applications.

Center Mark



The multi-clip allows for easy installation as there is a center mark to align the chalk line. This simplifies the mounting process, ensuring a secure and seamless setup while maintaining a clean and professional appearance in architectural and interior lighting applications.

Lamp Shape and Light



It features a crescent shape, making it ideal for shelf display lighting. This design allows light to spread both downward and backward, providing wide, even illumination that enhances product visibility and aesthetics in retail, museum, and showcase applications.

LSXWY SHIN series

Color management
MacAdam 3 step



- Updated with low wattage high lumen LED series
- Available 5 different wattage variations
- Customisable every 50mm increment up to 1.4M
- Homogenous rigid light with a quarter-circle cross section
- Ideal for shelf/cove light and recessed direct view light on ceiling/wall



Model No.

Product Name	Length	Light source color	Cover type	Environment	Wattage
LSXWY	0060 0410 0760 1110 0110 0460 0810 1160 0160 0510 0860 1210 0210 0560 0910 1260 0260 0610 0960 1310 0310 0660 1010 1360 0360 0710 1060 1410	D : 6500K L27 : 2700K N : 5000K L25 : 2500K W : 4000K L22 : 2200K WW : 3500K L20 : 2000K L30 : 3000K L18 : 1800K	DF : Diffuser	I : Indoor	2 : 2.1 W/m 4 : 4.2 W/m 6 : 6.4 W/m 10 : 10.8 W/m 15 : 15.9 W/m

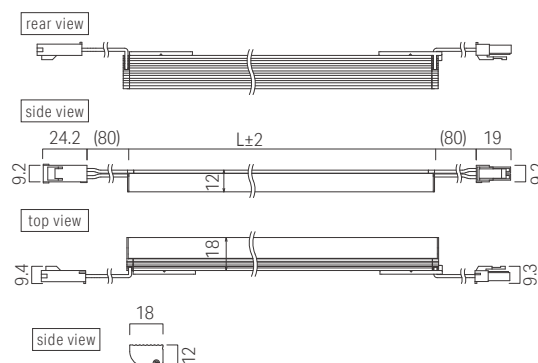
Specification

Wattage (Code)	2	4	6	10	15
Wattage (W/m)	2.1	4.2	6.4	10.8	15.9
Luminaire efficacy (lm/W) @2700K	96.4	96.7	97.1	96.0	93.3
Lumen output					
Light source color (Code)	Delivered CCT	CRI	Luminaire flux (lm/m)		
D 6500K	6600K	Ra 96	231	464	701
N 5000K	5000K	Ra 93	229	460	695
W 4000K	4000K	Ra 97	225	452	683
WW 3500K	3500K	Ra 97	223	448	676
L30 3000K	2900K	Ra 95	217	435	658
L27 2700K	2600K	Ra 94	205	411	620
L25 2500K	2500K	Ra 94	152	304	459
L22 2200K	2200K	Ra 93	141	283	428
L20 2000K	2000K	Ra 91	129	259	391
L18 1800K	1800K	Ra 90	125	251	378
Length (Code)	Fitting length (mm)	Weight (g)	Wattage (W)		
0060	60	17	0.1	0.3	0.4
0110	110	25	0.2	0.5	0.7
0160	160	32	0.3	0.7	1.0
0210	210	40	0.4	0.9	1.3
0260	260	47	0.5	1.1	1.6
0310	310	55	0.7	1.3	2.0
0360	360	72	0.8	1.5	2.3
0410	410	80	0.9	1.7	2.6
0460	460	87	1.0	1.9	2.9
0510	510	95	1.1	2.1	3.2
0560	560	102	1.2	2.4	3.5
0610	610	110	1.3	2.6	3.9
0660	660	117	1.4	2.8	4.2
0710	710	125	1.5	3.0	4.5
0760	760	132	1.6	3.2	4.8
0810	810	140	1.7	3.4	5.1
0860	860	147	1.8	3.6	5.4
0910	910	155	1.9	3.8	5.8
0960	960	167	2.0	4.0	6.1
1010	1010	175	2.1	4.2	6.4
1060	1060	182	2.2	4.5	6.7
1110	1110	190	2.3	4.7	7.0
1160	1160	197	2.4	4.9	7.3
1210	1210	205	2.5	5.1	7.7
1260	1260	212	2.6	5.3	8.0
1310	1310	220	2.8	5.5	8.3
1360	1360	227	2.9	5.7	8.6
1410	1410	235	3.0	5.9	8.9

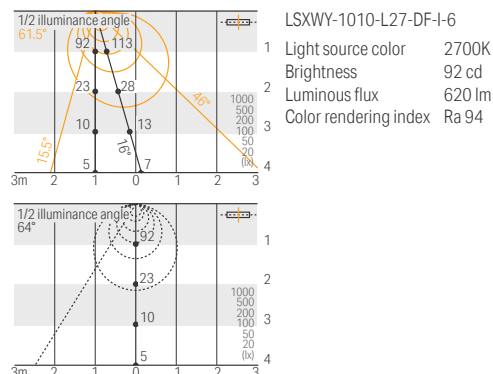
General Specification

Input voltage	DC24V
Environment	Indoors (no condensation)
Max. length per circuit	6m (2.1W/m, 4.2W/m, 6.4W/m, 10.8W/m) 5m (15.9W/m)
Material (body)	Polycarbonate, Aluminum
Certification	CE
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi)

External dimensions



Light distribution curve

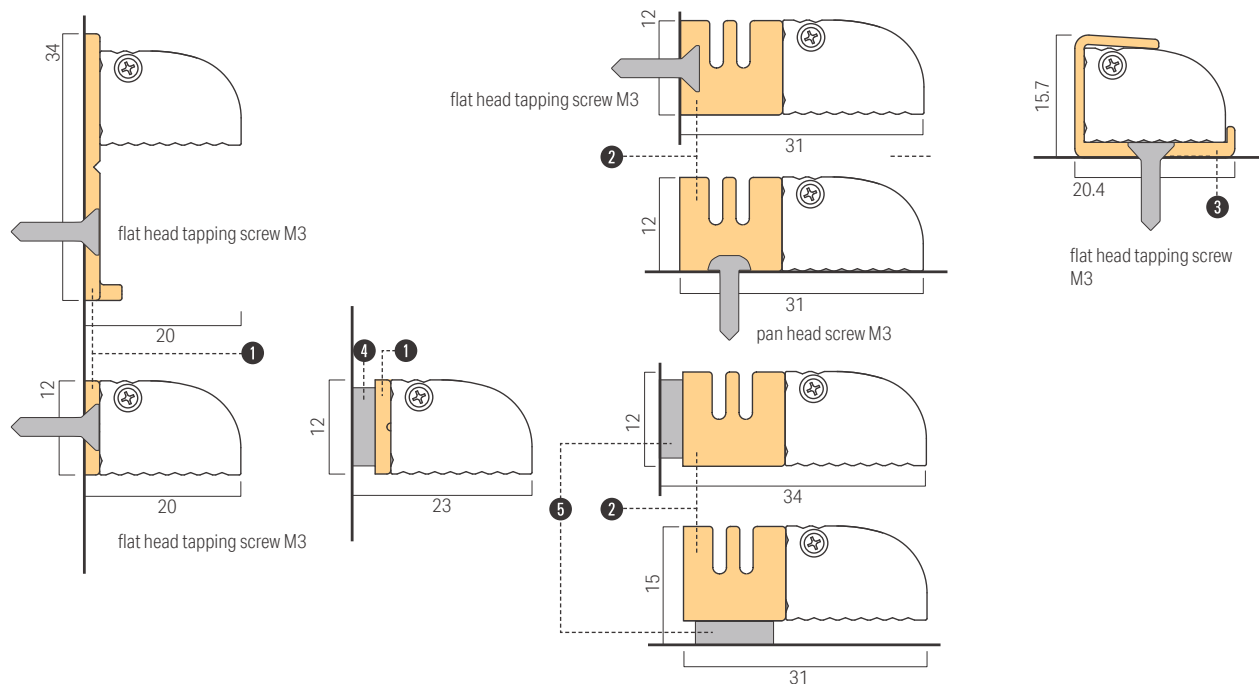


More detail



- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

Cross sectional view with accessories



Accessories

1 Multiclip K for silux Attachment
 Model No : LSX-PTM-C
 Attached with light fixture
 3 pcs for 760mm or shorter
 5 pcs for 810mm or longer

For extra order
 3 pcs / bag

Recommended no.
 1pcs: Length 0060, 0110
 2pcs: Length 0160 - 0560
 3pcs: Length 0610 - 0810
 4pcs: Length 0860 - 1260
 5pcs: Length 1310 - 1410

2 Liftclip for silux
 Model No : LSX-PTL
 2 pcs / bag

Liftclip is for hiding the connector behind the light fixture. There are two directions of fixing the liftclip.

Recommended no.
 1pcs: Length 0060, 0110
 2pcs: Length 0160 - 0560
 3pcs: Length 0610 - 0810
 4pcs: Length 0860 - 1260
 5pcs: Length 1310 - 1410

3 Outerclip for silux wide
 Model No : LSXW-PT-A
 5 pcs / bag

Recommended number
 1pcs: Length 0060, 0110
 2pcs: Length 0160 - 0560
 3pcs: Length 0610 - 0810
 4pcs: Length 0860 - 1260
 5pcs: Length 1310 - 1410

Outerclip is for the downwards installation.

4 Magnet Set A
 Model No : Model No : MG-A
 5 pcs / bag

Used for installing light fixture with 1 Multiclip clip on metal plate. Metal plate is required by installer.

5 Magnet Set L
 Model No : MG-L
 10 pcs / bag

Used for installing light fixture with 2 Lift clip on metal plate. Metal plate is required by installer.

6 Magnet Set A
 Model No : Model No : MG-A
 5 pcs / bag

Used for installing light fixture with 1 Multiclip clip on metal plate. Metal plate is required by installer.

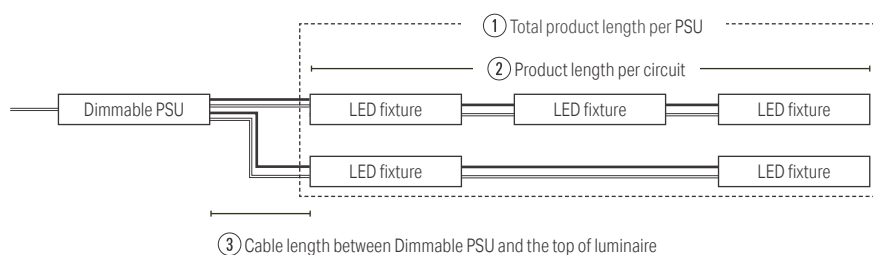
Recommended No. of clips & magnets

Length	0060-0110	0160-0560	0610-0760	0810-1260	1310-1410	Unit of order
Attachment						
Multi clip	3 pcs	3 pcs	3 pcs	5 pcs	5 pcs	Unit of order
1 Multi clip	1 pcs	2 pcs	3 pcs	4 pcs	5 pcs	3 pcs/bag
1 Magnet set A	1 pcs	2 pcs	3 pcs	4 pcs	5 pcs	5 pcs/bag
2 Lift clip	1 pcs	2 pcs	3 pcs	4 pcs	5 pcs	2 pcs/bag
2 Magnet set L	2 pcs	4 pcs	6 pcs	8 pcs	10 pcs	10 pcs/bag
3 Outer clip	1 pcs	2 pcs	3 pcs	4 pcs	5 pcs	5 pcs/bag

6 Power supply cable 3M
 Model No : CAD-3000-MCNN-I
 1 pc per circuit for connecting the light fixture to power supply or dimmer driver.

7 Joint cable 1M
 Model No : CAD-1000-MCFC-I
 Joint cable between two light fixtures

System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refet to ▶
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232

Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refet to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU	PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
	DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
	DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
	connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load

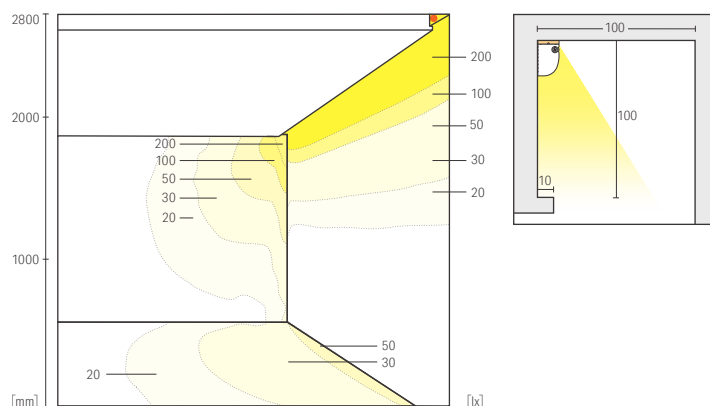
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
			* Split into multiple circuit						
LSXWY-**-DF-I-2	2.1	6	57.1*	42.8*	66.6*	40*	30*	20*	13.3*
LSXWY-**-DF-I-4	4.2	6	28.5*	21.4*	33.3*	20*	15*	10*	6.6*
LSXWY-**-DF-I-6	6.4	6	18.7*	14*	21.8*	13.1*	9.8*	6.5*	4.3
LSXWY-**-DF-I-10	10.8	6	11.1*	8.3*	12.9*	7.7*	5.8	3.8	2.5
LSXWY-**-DF-I-15	15.9	5	7.9*	5.9*	9.2*	5.5*	4.1	2.7	1.8

Model No.	Wattage (W/m)	Cross section	0.3sq	0.5sq	0.75sq
		Wiregauge	AWG22	AWG20	AWG18
		② Max. length per circuit (m)	③ Max. cable length between PSU and the top of luminaire at ② Max. length per circuit (m)		
LSXWY-**-DF-I-2	2.1	6	13	20	32
LSXWY-**-DF-I-4	4.2	6	6.5	10.5	16.5
LSXWY-**-DF-I-6	6.4	6	4	7	11
LSXWY-**-DF-I-10	10.8	6	3	4	7
LSXWY-**-DF-I-15	15.9	5	1.7	2.8	4.5

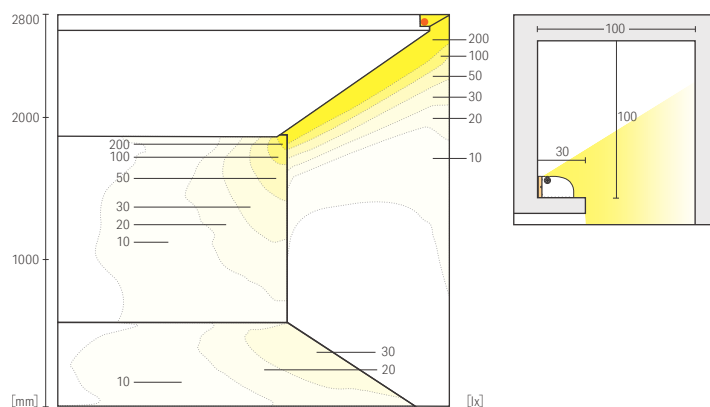
Recommend dimensions and illumination distributions

LSXWY-1010-L27-DF-I-10

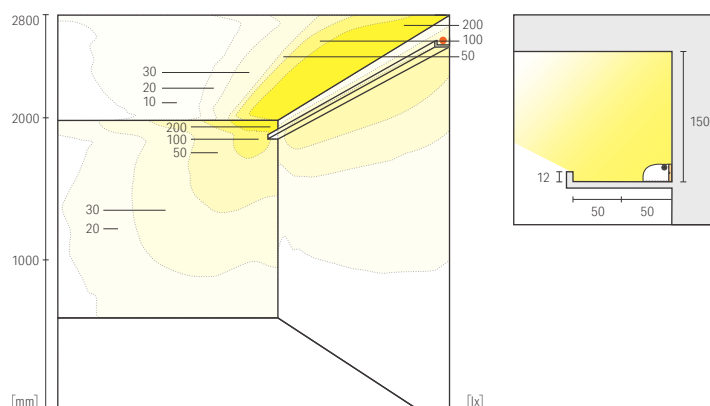
Cornice lighting-1 CH=2800



Cornice lighting-2 CH=2800



Cove lighting CH=2800

LREY
SHINRECTALTHY
SHIN THOFLCEY
SHIN CeideLCELY
SHIN Ceide lensLCETHY
SHIN Ceide THOFLSXY
SHINsiluxLSXWY
SHIN silux wideLRM series
RIMIT seriesLRMHS
RIMIT'sLRMUS
RIMIT us

RIMiT[®] series

Compact lighting fixture with beautiful emitting surface



USu



RIMiT[®] us

Homogeneous linear light with a thick of 5.8mm only

P.188



KaKu



RIMiT[®] kk

Square-shaped homogeneous linear light with a thickness of 7.4mm only

P.192



SuMi



RIMiT[®] sm

New application lighting that fits into an inner or outer corner.

P.196



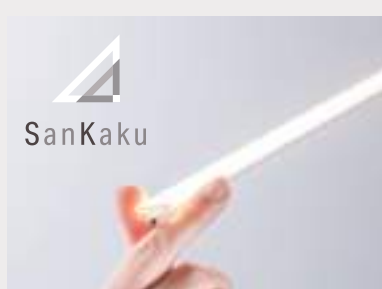
SAAnmen



RIMiT[®] sa

Explore the new three-dimensional lighting experience!

P.200



SanKaku



RIMiT[®] sk

Triangular-shaped light fixture with a hypotenuse emitting surface

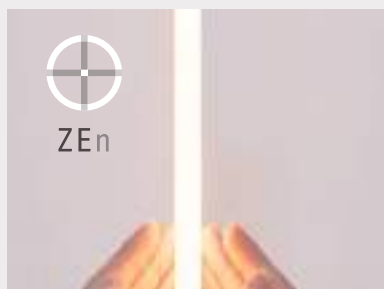
P.204



RIMiT® mr

Round dotless light fixture with 8.8mm diameter

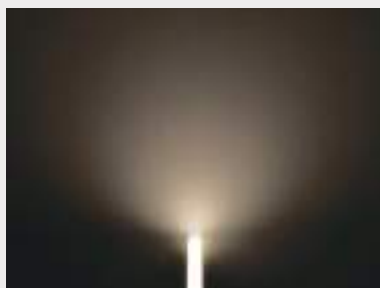
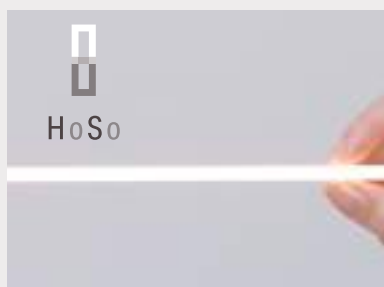
P.208



RIMiT® zen

Ultra-slim 12mm diameter cylindrical light with 360° all-around illumination

P.212

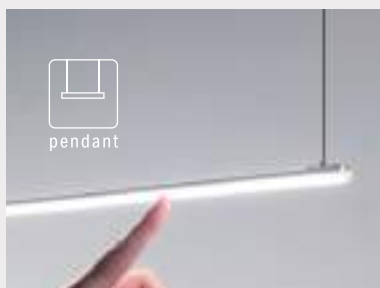


RIMiT® hs

Compact dotless light fixture with a width of 5mm

P.184

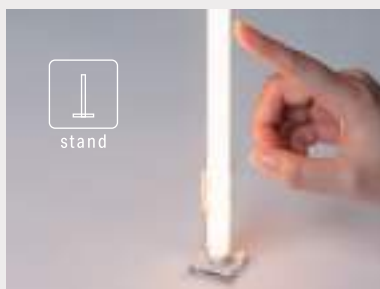
Specifications and components that enhance design versatility



RIMiT® pendant

6 types of innovative pendant designsto add straight elements to spaces!

P.216



RIMiT® stand

A variety of 7 types of fixtures x 6 different light source colors

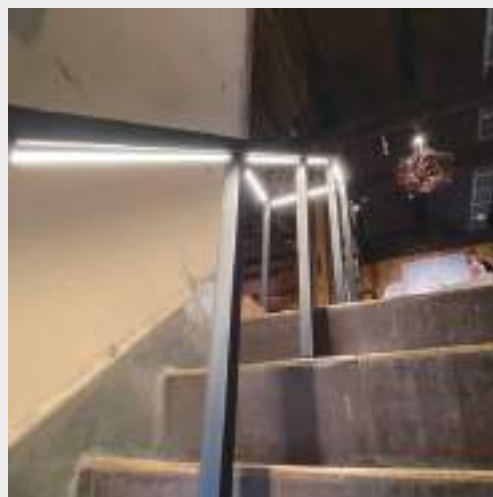
P.220

Recommended application


薄 RIMiT[®] us
 USu Maximizes space while providing effective indirect lighting




角 RIMiT[®] kk
 Ka Ku Compact cross-sectional design allows for easy attachment to handrails or floors




隅 RIMiT[®] sm
 Su Mi Two-sided emitting surface lighting fixture allows the visible surface to be entirely illuminated




丸 RIMiT[®] mr
 Ma Ru Enhance the attractiveness of space with ultra-thin round pendant lighting





三面 RIMiT® sa

SANmen Three-sided illumination provides high visibility from any direction, making it ideal for emergency exit lights.




三角 RIMiT® sk

SanKaku Position it in a corner to achieve efficient diagonal light distribution




全 RIMiT® zen

ZEn All-around surface illumination provide endless possibilities, shaped entirely by your creativity




細 RIMiT® hs

HoSo Embedment into a wall or furniture enhances lighting accent of a design



LRM series

Specification

Length Variations

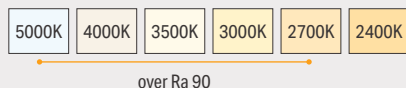
160 customizable lengths available in 25mm increments and cuttable on site. Enhances design flexibility.



Light source color

Color Temperature Variations

Wide-ranging colour temperature options. High color rendering of Ra90 or higher is achieved for most color temperatures, ensuring accurate representation of the colors of the displayed objects.



Features

Compact yet practical

Redesigning our dot-free rigid light series by slimming the thickness.



Evenly illuminates with less dark spots

The flat cover diffuses light evenly, resulting in soft illumination.



Gentle light distribution

Featuring a wide emission surface for enhanced output and uniform light spread, eliminating the worry of unwelcome LED dot reflections.



160 customized pre-order lengths

With 160* different lengths up to 4 m in 25 mm increments. Suitable for shelves of various widths and for continuous lighting on tall ceilings.

*Excluding RIMiT zen

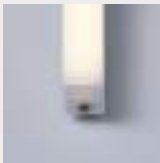
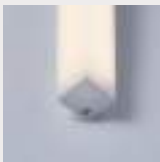
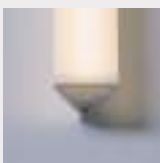
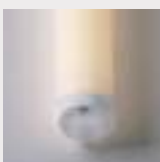


Various mounting accessories for RIMiT flex

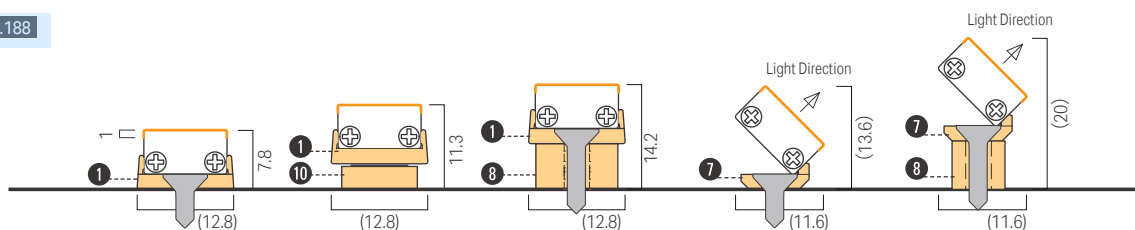
A variety of mounting options, including a straight rail with a clear cover and two types of clips for different curved designs, ensure flexibility and secure installation.



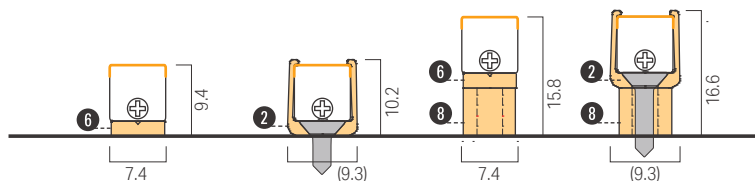
RIMiT series Line up

		Wattage	Luman output						pendant
			5000K	4000K	3500K	3000K	2700K	2400K	
LRMUS RIMiT us Homogeneous linear light with a thickness of 5.8mm only		6.4 W/m	484 lm/m	474 lm/m	440 lm/m	440 lm/m	412 lm/m	380 lm/m	✓
		8.6 W/m	603 lm/m	592 lm/m	549 lm/m	549 lm/m	514 lm/m	475 lm/m	
LRMCK RIMiT kk Square-shaped homogeneous linear light with a thickness of 7.4mm only		6.4W/m	416 lm/m	401 lm/m	366 lm/m	355 lm/m	340 lm/m	338 lm/m	✓
		8.6W/m	521 lm/m	503 lm/m	459 lm/m	446 lm/m	427 lm/m	424 lm/m	
LRMSM RIMiT sm New application lighting that fits into an inner or outer corner.		6.4 W/m	518 lm/m	512 lm/m	486 lm/m	478 lm/m	454 lm/m	416 lm/m	✓
		8.6 W/m	650 lm/m	643 lm/m	610 lm/m	600 lm/m	570 lm/m	522 lm/m	
LRMMR RIMiT mr Round dotless light fixture with 8.8mm diameter		6.4 W/m	538 lm/m	541 lm/m	512 lm/m	503 lm/m	470 lm/m	439 lm/m	✓
		8.6 W/m	692 lm/m	696 lm/m	658 lm/m	648 lm/m	605 lm/m	565 lm/m	
LRMSA RIMiT sa Explore the new three-dimensional lighting experience!		6.4 W	582 lm/m	572 lm/m	545 lm/m	544 lm/m	506 lm/m	473 lm/m	✓
		8.6 W	690 lm/m	679 lm/m	647 lm/m	645 lm/m	600 lm/m	561 lm/m	
LRMSK RIMiT sk Triangular-shaped light fixture with a hypotenuse emitting surface		6.4 W/m	543 lm/m	543 lm/m	522 lm/m	494 lm/m	510 lm/m	450 lm/m	✓
		8.6 W/m	700 lm/m	700 lm/m	673 lm/m	636 lm/m	658 lm/m	579 lm/m	
LRMZE RIMiT zen Ultra-slim 12mm diameter cylindrical light with 360° all-around illumination		8.9 W/m	479 lm/m	571 lm/m	578 lm/m	510 lm/m	501 lm/m	466 lm/m	✓
LRMHS RIMiT sk Compact dotless light fixture with a width of 5mm		4.5 W/m	158 lm/m	139 lm/m	144 lm/m	136 lm/m	125 lm/m	110 lm/m	1

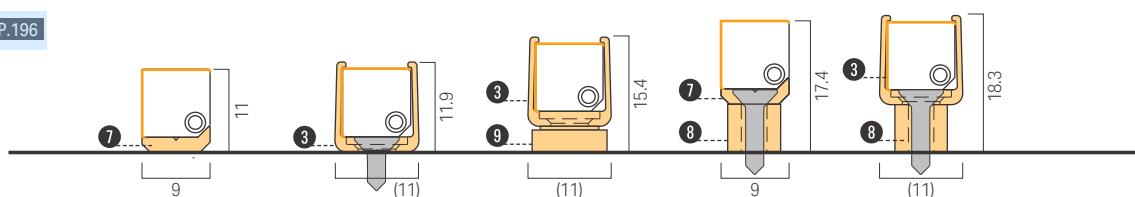
RIMiT us (LRMUS) P.188



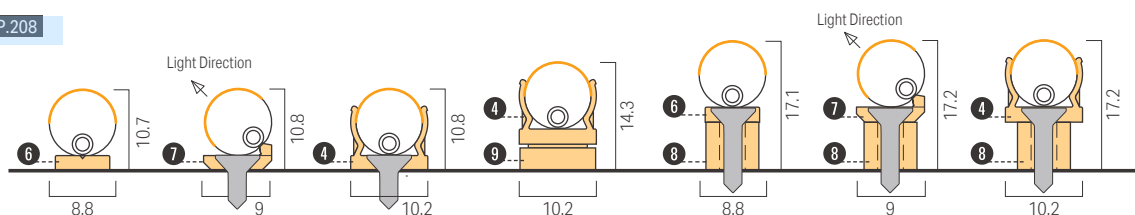
RIMiT kk (LRMKK) P.192



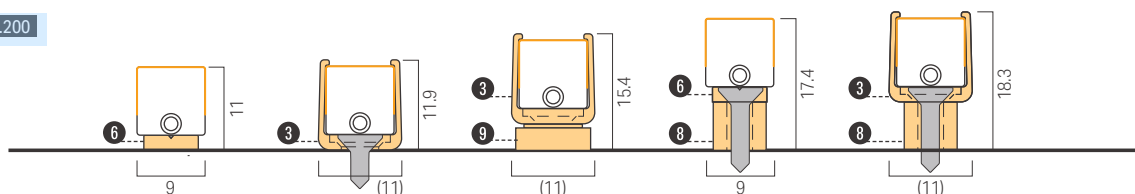
RIMiT sm (LRMSM) P.196



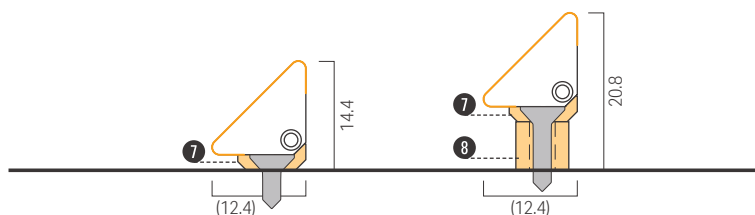
RIMiT mr (LRMMR) P.208



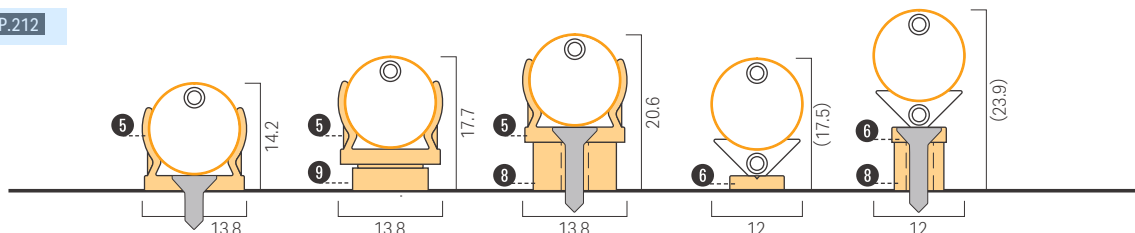
RIMiT sa (LRMSA) P.200



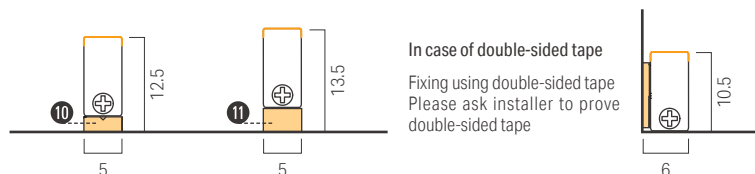
RIMiT sk (LRMSK) P.204



RIMiT zen (LRMZE) P.212



RIMiT hoso (LRMHS) P.184



Accessories

LREY
SHIN RECTALTHY
SHIN THOFLCEY
SHIN CeideLCELY
SHIN Ceide lensLCETHY
SHIN Ceide THOFLSXY
SHIN siluxLSXWY
SHIN silux wideLRM series
RIMiT seriesLRMH series
RIMiT usLRMUS
RIMiT us

- 1** Mounting clip for RIMiT us
Model No : LRMUS-PT-A
5 pcs/1 bag
Magnet mounting available
Magnet set A



- 2** Mounting clip for RIMiT kk
Model No : LRMKK-PT-C
5 pcs/1 bag
Magnet mounting available
Magnet set A



- 3** Mounting clip E for RIMiT
Model No : LRM-PT-E
5 pcs/1 bag
Magnet mounting available
Magnet set A



- 4** Mounting clip G for RIMiT mr
Model No : LRMMR-PT-G
5 pcs/1 bag
Magnet mounting available
Magnet set A



- 5** Mounting clip for RIMiT zen
Model No : LRMZE-PT-L
5 pcs/1 bag
Magnet mounting available
Magnet set A



- 6** Mounting clip D for RIMiT
Model No : LRM-PT-D
5 pcs/1 bag



- 7** Mounting clip F for RIMiT
Model No : LRM-PT-F
5 pcs/1 bag
Magnet mounting available
Magnet set A



- 8** Lift parts for RIMiT
Model No : LRM-PT-B
5 pcs/1 bag
Lift parts must be used
with **1 2 3 4 5 6 7** mounting clip



- 9** Magnet Set A
Model No : MG-A
5 pcs/1 bag
Used for installing LED fixture with **1 3 4 5** on metal plate.
Metal plate is required by installer.



- 10** Mounting clip N for RIMiT hs
Model No : LRMHS-PT-N
5 pcs/1 bag
Magnet mounting available
Magnet set H

Recommended screw:
Flat head screw M2.3



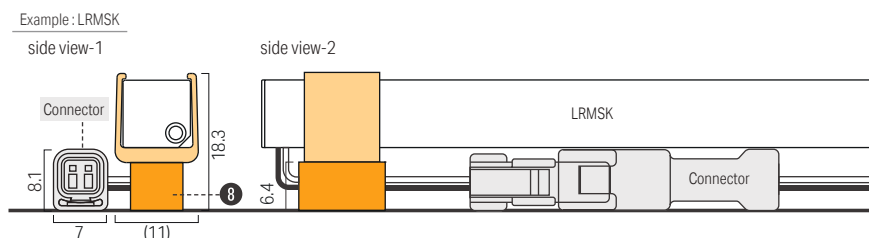
- 11** Magnet set H
Model No : MG-H
5 pcs/1 bag



- 12** Clip for cable
Model No : LRM-PT-J
5 pcs/1 bag

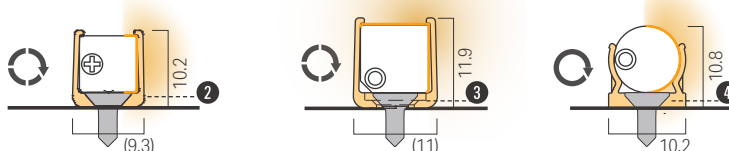
Smooth design and construction!

Utilizing this **8** lift clip allows the connector to be raised for easier wire connections in the recessed area. Simply create wire holes in the body corresponding to the number of wires you wish to connect to the power source.

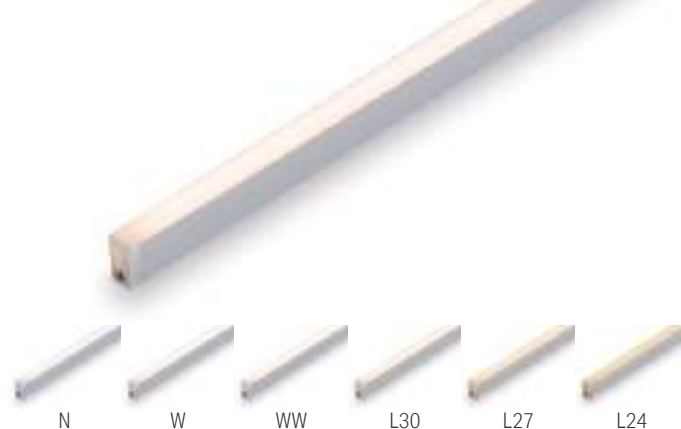


Direction of the light distribution can be changed even after the clip is installed

2 3 4 Clips that allow adjustability of LED fixture emitting direction after installation.
Enable the emitting surface to rotate in 90° increments



- Compact dotless light fixture with a width of 5mm
- Beautiful emitting surface with a wide light distribution
- Available in 60 length variations from 33mm to 1508mm



Model No.(Open end)

LRMHS - T□□□□ - □ - □ - DF - I - 4

Model No.(Connector)

LRMHS - T□□□□ - □ - □ - DF - I - 4 (C)

Product Name	Length	Lead wire	Light source color	Cover type	Environment	Wattage	Connector
LRMHS	Custom order length	W : Both ends S : One ends	N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L24 : 2400K	DF : Diffuser	I : Indoor	4 : 4.5 W/m	(C) : Connector

Specification

Wattage (Code)	4
Wattage (W/m)	4.5
Weight	65g / 1008 mm
Luminaire efficacy (lm/W) @2700K	27.8

Luman output

Light source color (Code)

	Delivered CCT	Ra	Luminaire flux (lm/m)
N	5000K	4500K Ra 92	158
W	4000K	3600K Ra 91	139
WW	3500K	3200K Ra 93	144
L30	3000K	2800K Ra 92	136
L27	2700K	2500K Ra 92	125
L24	2400K	2200K Ra 91	110

General Specification

Input voltage	DC24V
Environment	Indoors (no condensation)
Max. length Per circuit	3.5m
Material (body)	Polycarbonate, Aluminum
Certification	CE
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi)

Open end

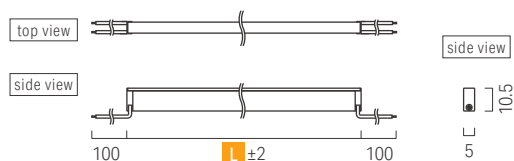
Connector

One end / Both ends

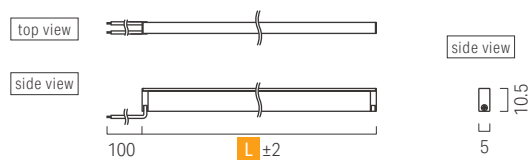
Both ends

External dimension

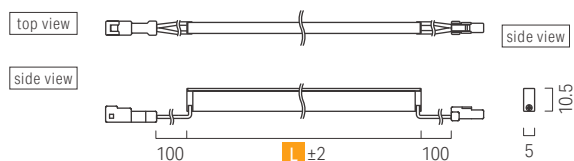
Both ends lead wire, Open end



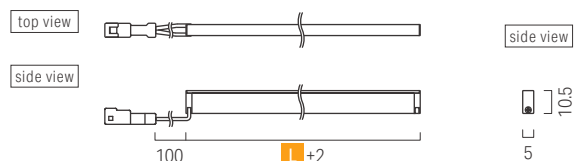
One end lead wire, Open end



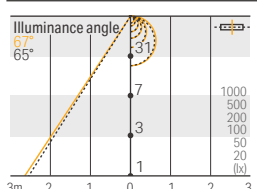
Both ends lead wire, Connector



One end lead wire, Connector



Light distribution curve



LRMHS-T1008□-L27-DF-I-4

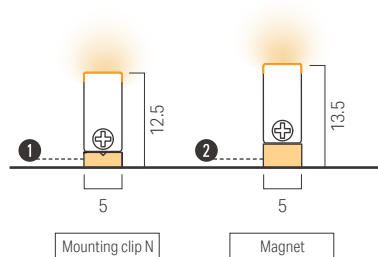
Light source color 2700K
Brightness 31 cd
Luminous flux 125 lm
Color rendering index Ra 92

More detail



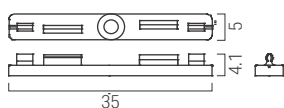
- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

Cross sectional view with accessories



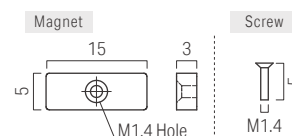
Accessories

- 1** Mounting clip N for RIMiThs
Model No : LRMHS-PT-N
5 pcs/1 bag



Recommended screw: Flat head screw M2.3

- 2** Magnet set H
Model No : MG-H
5 pcs/1 bag



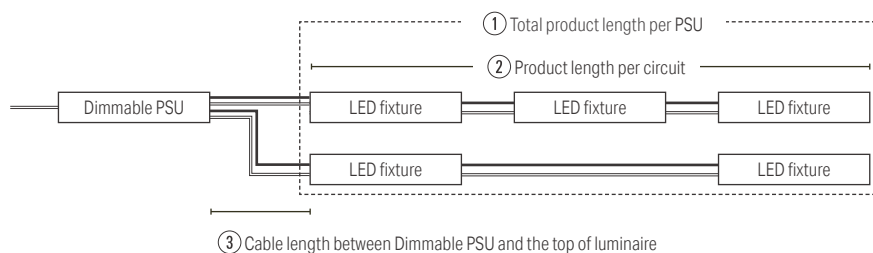
- 3** Power supply cable 3M with TR connector
Model No : CAD-3000-MEFE-O
1 pcs per circuit for connecting the LED fixture
to power supply or dimmer driver.



Custom order products size

Length(Code)	Fitting length(mm)	Wattage	Mounting Clip	Length(Code)	Fitting length(mm)	Wattage	Mounting Clip
0033	32.2	0.1	1 pcs	0783	782.2	3.5	4 pcs Recommended pitch 250 to 400mm
0058	57.2	0.2		0808	807.2	3.6	
0083	82.2	0.3		0833	832.2	3.7	
0108	107.2	0.5		0858	857.2	3.8	
0133	132.2	0.6	2 pcs Recommended pitch 60 to 230mm	0883	882.2	4.0	
0158	157.2	0.7		0908	907.2	4.1	
0183	182.2	0.8		0933	932.2	4.2	
0208	207.2	0.9		0958	957.2	4.3	
0233	232.2	1.0		0983	982.2	4.4	
0258	257.2	1.1		1008	1007.2	4.5	
0283	282.2	1.2		1033	1032.2	4.6	
0308	307.2	1.4		1058	1057.2	4.7	
0333	332.2	1.5	3 pcs Recommended pitch 140 to 370mm	1083	1082.2	4.9	
0358	357.2	1.6		1108	1107.2	5.0	5 pcs Recommended pitch 315 to 375mm
0383	382.2	1.7		1133	1132.2	5.1	
0408	407.2	1.8		1158	1157.2	5.2	
0433	432.2	1.9		1183	1182.2	5.3	
0458	457.2	2.0		1208	1207.2	5.4	
0483	482.2	2.1		1233	1232.2	5.5	
0508	507.2	2.3		1258	1257.2	5.7	
0533	532.2	2.4		1283	1282.2	5.8	
0558	557.2	2.5		1308	1307.2	5.9	
0583	582.2	2.6		1333	1332.2	6.0	
0608	607.2	2.7		1358	1357.2	6.1	
0633	632.2	2.8		1383	1382.2	6.2	
0658	657.2	2.9		1408	1407.2	6.3	
0683	682.2	3.1		1433	1432.2	6.4	
0708	707.2	3.2		1458	1457.2	6.6	
0733	732.2	3.3		1483	1482.2	6.7	
0758	757.2	3.4		1508	1507.2	6.8	

System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refer to ▶
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232

Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refer to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU			PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
			DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
LRMHS-T**-DF-I-4	4.5	3.5	*Split into multiple circuit						
			26.6*	20*	31.1*	18.6*	14*	9.3*	6.2*

LR **EY**
SHIN RECTA

LT **HY**
SHIN THOF

LC **EY**
SHIN Creide

LC **EL**
SHIN Creide lens

LC **ETHY**
SHIN Creide THOF

LS **XY**
SHIN silux

LS **XWY**
SHIN silux wide

LR **M series**
RIMiT series

LR **MHS**
RIMiT hs

LR **MUS**
RIMiT us

Luci RIMiT us

LRMUS

USu

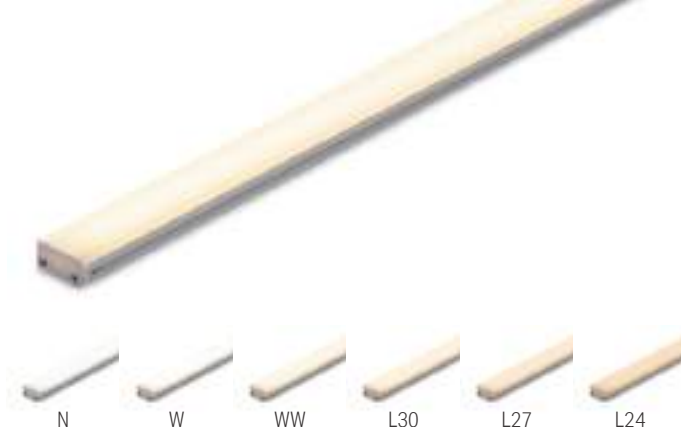
Color management
MacAdam



L90>B10
50K

1 years
warranty

- Only 5.8mm thick with dot-free light emitting surface
- Custom lengths available in every 25mm increment, up to 1508mm
- Selectable between both and one side cable feed, open end or connector



Model No. (Open end)

LRMUS - T□□□□ - □ - □ - DF - I - □

Model No. (Connector)

LRMUS - T□□□□ - □ - □ - DF - I - □ (C)

Product Name	Length	Lead wire	Light source color	Cover type	Environment	Wattage	Connector
LRMUS	Custom order length	W : Both ends S : One end	N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L24 : 2400K	DF : Diffuser	I : Indoor	6 : 6.4 W/m 8 : 8.6W/m	(C) : Connector

Specification

Wattage (Code)	6	8
Wattage (W/m)	6.4	8.6
Weight	70 g / 1008 mm	
Luminaire efficacy (lm/W) @2700K	64.4	59.8
Luman output		
Light source color(Code)		
Delivered CCT	Ra	Luminaire flux (lm/m)
N 5000K 4600K Ra92	484	603
W 4000K 3700K Ra91	474	592
WW 3500K 3300K Ra93	440	549
L30 3000K 2900K Ra92	440	549
L27 2700K 2600K Ra92	412	514
L24 2400K 2400K Ra92	380	475

General Specification

Input voltage	DC24V
Environment	Indoors (no condensation)
Max. length Per circuit	3.5m
Material (body)	Polycarbonate, Aluminum
Certification	CE
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi)

Open end

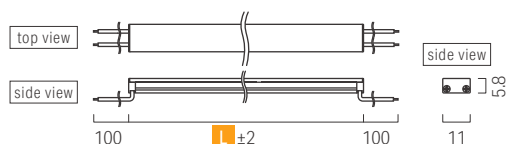
Connector

One end / Both ends

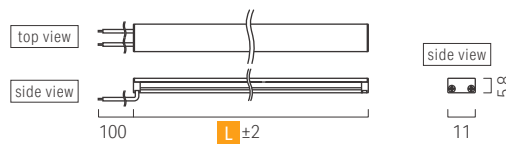
Both ends

External dimension

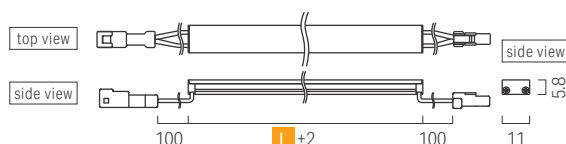
Both ends lead wire, Open end



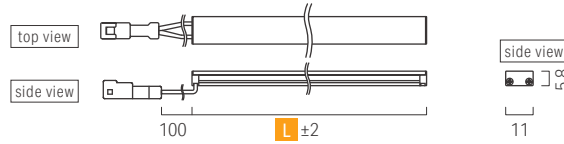
One end lead wire, Open end



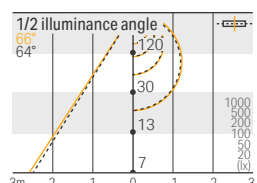
Both ends lead wire, Connector



One end lead wire, Connector

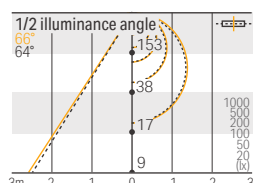


Light distribution curve



LRMUS-T1008□-L27-DF-I-6

Light source color 2700K
Brightness 120 cd
Luminous flux 412 lm
Color rendering index Ra 92



LRMUS-T1008□-L27-DF-I-8

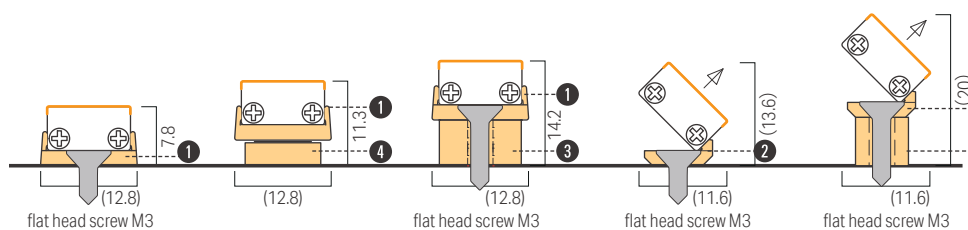
Light source color 2700K
Brightness 153 cd
Luminous flux 514 lm
Color rendering index Ra 92

More detail



- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

Cross sectional view with accessories



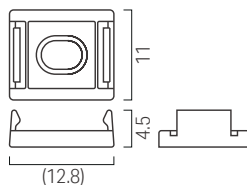
Accessories



1 Mounting clip for RIMiT us

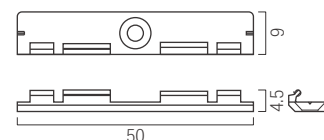
Model No : LRMUS-PT-A
5 pcs/1 bag

For magnet installation,
please refer to
the required number of clips
in the table on P.8



2 Mounting clip F

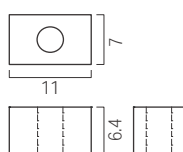
Model No : LRM-PT-F
5 pcs/1 bag



3 Lift Parts for RIMiT

Model No : LRM-PT-B
5 pcs/1 bag

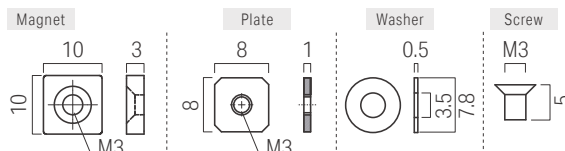
Lift parts must be used
with 1 2 mounting clip



4 Magnet Set A

Model No : MG-A
5 pcs/1 bag

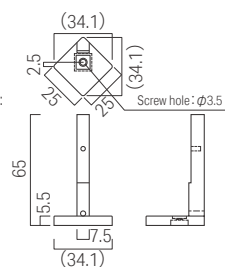
Used for installing LED fixture with 1 Mounting clip on metal plate.
Metal plate is supplied by installer.



5 Stand for RIMiT

Model No : LRM-PT-M

Compatible LED fixture length:
Up to 408mm



6 Power supply cable 3M with TR connector

Model No : CAD-3000-MEFE-O

1 pcs per circuit for connecting the LED fixture
to power supply or dimmer driver.



7 Clip for cable

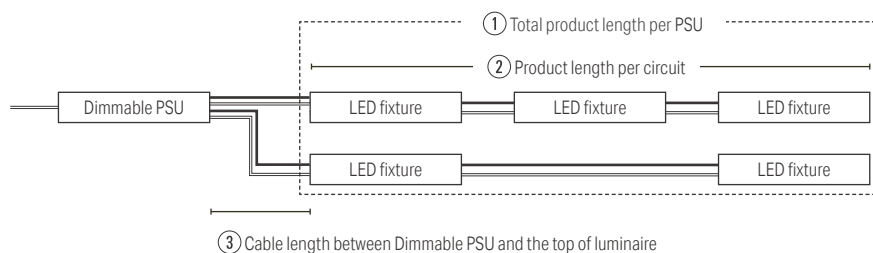
Model No : LRM-PT-J
5 pcs/1 bag

Secure excessive cables and prevent cables from sagging

Custom order products size

Length(Code)	Fitting length(mm)	Wattage(Code)	Wattage(W)	Mounting Clip	Length(Code)	Fitting length(mm)	Wattage(Code)	Wattage(W)	Mounting Clip
		6	8				6	8	
		Wattage(W)					Wattage(W)		
0033	32.2	0.2	0.2	1 pcs	0783	782.2	5.0	6.6	4 pcs Recommended pitch 250 to 400 mm
0058	57.2	0.3	0.4		0808	807.2	5.1	6.8	
0083	82.2	0.5	0.6		0833	832.2	5.3	7.1	
0108	107.2	0.6	0.9		0858	857.2	5.4	7.3	
0133	132.2	0.8	1.1	2 pcs Recommended pitch 60 to 230 mm	0883	882.2	5.6	7.5	
0158	157.2	1.0	1.3		0908	907.2	5.8	7.7	
0183	182.2	1.1	1.5		0933	932.2	5.9	7.9	
0208	207.2	1.3	1.7		0958	957.2	6.1	8.1	
0233	232.2	1.4	1.9		0983	982.2	6.2	8.3	
0258	257.2	1.6	2.1		1008	1007.2	6.4	8.6	
0283	282.2	1.8	2.4		1033	1032.2	6.6	8.8	
0308	307.2	1.9	2.6		1058	1057.2	6.7	9.0	
0333	332.2	2.1	2.8	3 pcs Recommended pitch 140 to 370 mm	1083	1082.2	6.9	9.2	
0358	357.2	2.2	3.0		1108	1107.2	7.0	9.4	
0383	382.2	2.4	3.2		1133	1132.2	7.2	9.6	
0408	407.2	2.6	3.4		1158	1157.2	7.4	9.8	
0433	432.2	2.7	3.6		1183	1182.2	7.5	10.1	
0458	457.2	2.9	3.9		1208	1207.2	7.7	10.3	
0483	482.2	3.0	4.1		1233	1232.2	7.8	10.5	
0508	507.2	3.2	4.3		1258	1257.2	8.0	10.7	
0533	532.2	3.4	4.5		1283	1282.2	8.2	10.9	
0558	557.2	3.5	4.7		1308	1307.2	8.3	11.1	5 pcs Recommended pitch 315 to 375 mm
0583	582.2	3.7	4.9		1333	1332.2	8.5	11.3	
0608	607.2	3.8	5.1		1358	1357.2	8.6	11.6	
0633	632.2	4.0	5.4		1383	1382.2	8.8	11.8	
0658	657.2	4.2	5.6		1408	1407.2	9.0	12.0	
0683	682.2	4.3	5.8		1433	1432.2	9.1	12.2	
0708	707.2	4.5	6.0		1458	1457.2	9.3	12.4	
0733	732.2	4.6	6.2		1483	1482.2	9.4	12.6	
0758	757.2	4.8	6.4		1508	1507.2	9.6	12.8	

System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refer to ▶
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232

Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refer to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU			PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
			DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
LRMUS-T**-DF-I-6	6.4	3.5	18.7*	14*	21.8*	13.1*	9.8*	6.5*	4.3*
LRMUS-T**-DF-I-8	8.6	3.5	13.9*	10.4*	16.2*	9.7*	7.3*	4.8*	3.2

LR_{REY}
SHIN RECTA

LR_{THY}
SHIN THOF

LR_{CEY}
SHIN Creide

LR_{CELY}
SHIN Creide lens

LR_{CE_{THY}}
SHIN Creide THOF

LR_{SY}
SHIN silux

LR_{XY}
SHIN silux wide

LR_M series
RIMiT series

LR_{MHS}
RIMiT us

LR_{MUS}
RIMiT us

Luci RIMiT kk

LRMKK



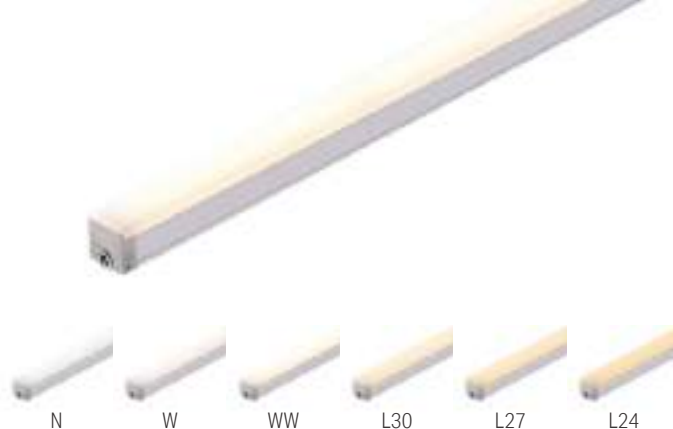
Color management
MacAdam



L90>B10
50K

1 years
warranty

- Compact 7.4 mm square cross-sectional size
- Custom lengths available in every 25mm increment, up to 1508mm
- Selectable between both and one side cable feed, open end or connector



Model No. (Open end)

LRMKK - T□□□□ - □ - □ - DF - I - □

Model No. (Connector)

LRMKK - T□□□□ - □ - □ - DF - I - □ (C)

Product Name	Length	Lead wire	Light source color	Cover type	Environment	Wattage	Connector
LRMKK	Custom order length	W : Both ends S : One end	N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L24 : 2400K	DF : Diffuser	I : Indoor	6 : 6.4 W/m 8 : 8.6W/m	(C) : Connector

Specification

Wattage (Code)	6	8
Wattage (W/m)	6.4	8.6
Weight	76g / 1008 mm	
Luminaire efficacy (lm/W) @2700K	53.2	49.7

Luman output

Light source color(Code)

	Delivered CCT	Ra	Luminaire flux (lm/m)	
N	5000K	4600K Ra 94	416	521
W	4000K	3700K Ra 92	401	503
WW	3500K	3300K Ra 94	366	459
L30	3000K	2900K Ra 92	355	446
L27	2700K	2600K Ra 92	340	427
L24	2400K	2400K Ra 91	338	424

General Specification

Input voltage	DC24V
Environment	Indoors (no condensation)
Max. length Per circuit	3.5m
Material (body)	Polycarbonate, Aluminum
Certification	CE
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi)

Open end

Connector

One end / Both ends

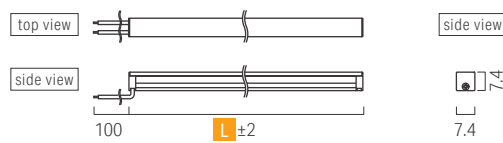
Both ends

External dimension

Both ends lead wire, Open end



One end lead wire, Open end



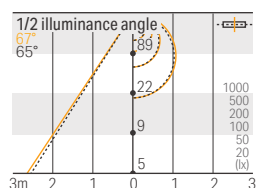
Both ends lead wire, Connector



One end lead wire, Connector

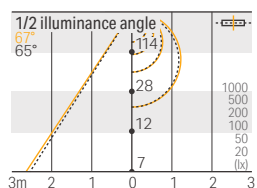


Light distribution curve



LRMKK-T1008□-L27-DF-I-6

- Light source color 2700K
- Brightness 89 cd
- Luminous flux 340 lm
- Color rendering index Ra 92



LRMKK-T1008□-L27-DF-I-8

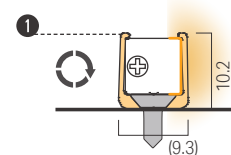
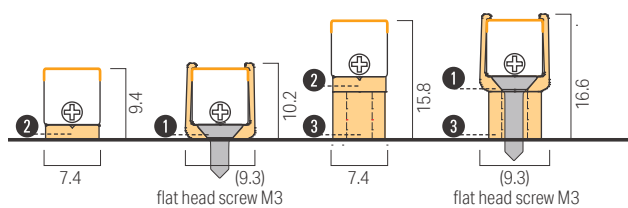
- Light source color 2700K
- Brightness 114 cd
- Luminous flux 427 lm
- Color rendering index Ra 92

More detail



- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

Cross sectional view with accessories

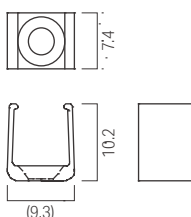


① Clips that allow adjustability of LED fixture emitting direction after installation. Enable the emitting surface to rotate in 90° increments

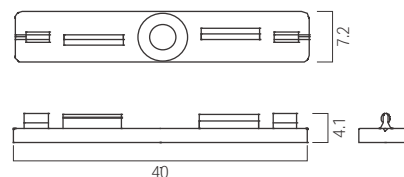
Accessories



① Mounting clip for RIMiT kk
Model No : LRMKK-PT-C
5 pcs/1 bag



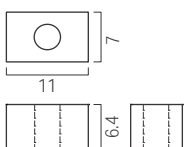
② Mounting clip D for RIMiT
Model No : LRM-PT-D
5 pcs/1 bag



③ Lift Parts for RIMiT
Model No : LRM-PT-B
2 pcs/1 bag

Lift parts must be used with ① ② Mounting clip

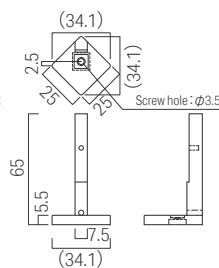
For magnet installation, please refer the required number of clip to the table on P.193



④ Stand for RIMiT

Model No : LRM-PT-M

Compatible LED fixture length:
Up to 408mm



Power supply cable

⑤ Power supply cable 3M with TR connector

Model No : CAD-3000-MEFE-O

1 pcs per circuit for connecting the LED fixture to power supply or dimmer driver.



⑥ Clip for cable

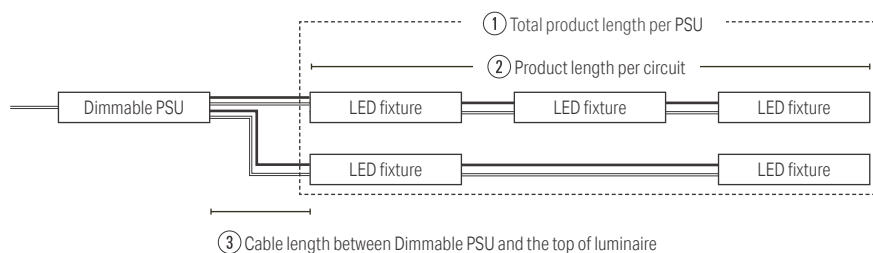
Model No : LRM-PT-J
5 pcs/1 bag

Secure excessive cables and prevent cables from sagging

Custom order products size

Length(Code)	Fitting length(mm)	Wattage(Code)	Wattage(W)	Mounting Clip	Length(Code)	Fitting length(mm)	Wattage(Code)	Wattage(W)	Mounting Clip
0033	32.2	0.2	0.2	1 pcs	0783	782.2	5.0	6.6	4 pcs Recommended pitch 250 to 400 mm
0058	57.2	0.3	0.4		0808	807.2	5.1	6.8	
0083	82.2	0.5	0.6		0833	832.2	5.3	7.1	
0108	107.2	0.6	0.9		0858	857.2	5.4	7.3	
0133	132.2	0.8	1.1	2 pcs Recommended pitch 60 to 230 mm	0883	882.2	5.6	7.5	
0158	157.2	1.0	1.3		0908	907.2	5.8	7.7	
0183	182.2	1.1	1.5		0933	932.2	5.9	7.9	
0208	207.2	1.3	1.7		0958	957.2	6.1	8.1	
0233	232.2	1.4	1.9	3 pcs Recommended pitch 140 to 370 mm	0983	982.2	6.2	8.3	
0258	257.2	1.6	2.1		1008	1007.2	6.4	8.6	
0283	282.2	1.8	2.4		1033	1032.2	6.6	8.8	
0308	307.2	1.9	2.6		1058	1057.2	6.7	9.0	
0333	332.2	2.1	2.8		1083	1082.2	6.9	9.2	
0358	357.2	2.2	3.0		1108	1107.2	7.0	9.4	
0383	382.2	2.4	3.2		1133	1132.2	7.2	9.6	
0408	407.2	2.6	3.4		1158	1157.2	7.4	9.8	
0433	432.2	2.7	3.6		1183	1182.2	7.5	10.1	
0458	457.2	2.9	3.9		1208	1207.2	7.7	10.3	
0483	482.2	3.0	4.1		1233	1232.2	7.8	10.5	
0508	507.2	3.2	4.3		1258	1257.2	8.0	10.7	
0533	532.2	3.4	4.5		1283	1282.2	8.2	10.9	
0558	557.2	3.5	4.7		1308	1307.2	8.3	11.1	5 pcs Recommended pitch 315 to 375 mm
0583	582.2	3.7	4.9		1333	1332.2	8.5	11.3	
0608	607.2	3.8	5.1		1358	1357.2	8.6	11.6	
0633	632.2	4.0	5.4		1383	1382.2	8.8	11.8	
0658	657.2	4.2	5.6		1408	1407.2	9.0	12.0	
0683	682.2	4.3	5.8		1433	1432.2	9.1	12.2	
0708	707.2	4.5	6.0		1458	1457.2	9.3	12.4	
0733	732.2	4.6	6.2		1483	1482.2	9.4	12.6	
0758	757.2	4.8	6.4		1508	1507.2	9.6	12.8	

System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refer to ▶
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232

Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refer to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU			PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
			DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
LRMCK-T**-DF-I-6	6.4	3.5	18.7*	14*	21.8*	13.1*	9.8*	6.5*	4.3*
LRMCK-T**-DF-I-8	8.6	3.5	13.9*	10.4*	16.2*	9.7*	7.3*	4.8*	3.2

LRMkk
RIMiT kk

LRMSM
RIMiT sm

LRMSA
RIMiT sa

LRMSK
RIMiT sk

LRMMR
RIMiT mr

LRWZE
RIMiT zen

LRM-P
RIMiT pendant

LRM-stand
RIMiT stand

LRO
EFRO

Luci RIMiT sm

LRMSM

SuMi

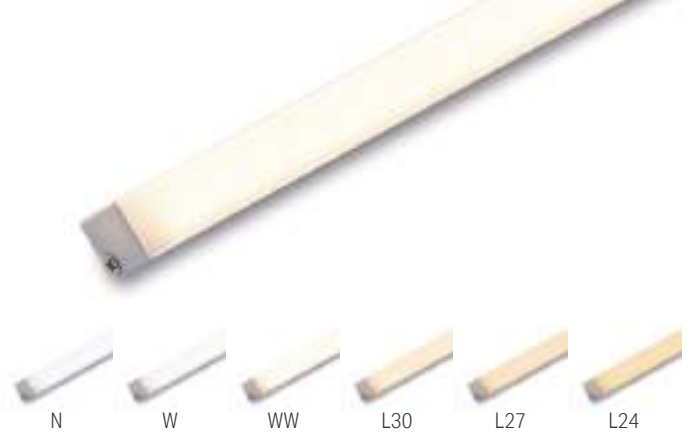
Color management
MacAdam



L90>B10
50K

1 years
warranty

- Innovative lighting solution designed for optimal illumination in corners
- Enhances design versatility with two-sided luminescence
- Available in 60 sizes from 33mm to 1508mm with shorter delivery time



Model No. (Open end)

LRMSM - T□□□□ - □ - □ - DF - I - □

Model No. (Connector)

LRMSM - T□□□□ - □ - □ - DF - I - □ (C)

Product Name	Length	Lead wire	Light source color	Cover type	Environment	Wattage	Connector
LRMSM	Custom order length	W : Both ends S : One end	N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L24 : 2400K	DF : Diffuser	I : Indoor	6 : 6.4 W/m 8 : 8.6W/m	(C) : Connector

Specification

Wattage (Code)	6	8
Wattage (W/m)	6.4	8.6
Weight	70g / 1008 mm	
Luminaire efficacy (lm/W) @2700K	71.0	66.3

Luman output

Light source color(Code)

	Delivered CCT	Ra	Luminaire flux (lm/m)	
N	5000K	4600K Ra 92	518	650
W	4000K	3700K Ra 92	512	643
WW	3500K	3300K Ra 92	486	610
L30	3000K	2900K Ra 91	478	600
L27	2700K	2600K Ra 91	454	570
L24	2400K	2400K Ra 92	416	522

General Specification

Input voltage	DC24V
Environment	Indoors (no condensation)
Max. length Per circuit	3.5m
Material (body)	Polycarbonate, Aluminum
Certification	CE
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi)

Open end

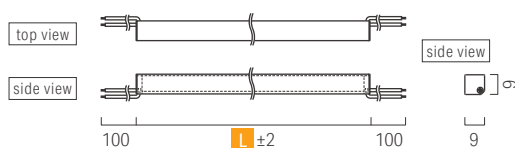
Connector

One end / Both ends

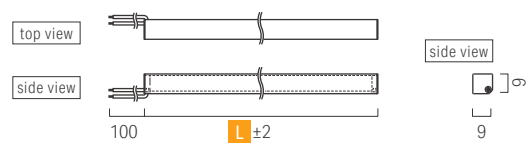
Both ends

External dimension

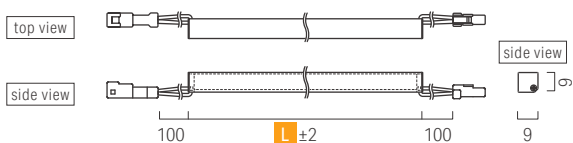
Both ends lead wire, Open end



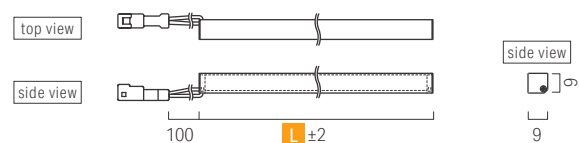
One end lead wire, Open end



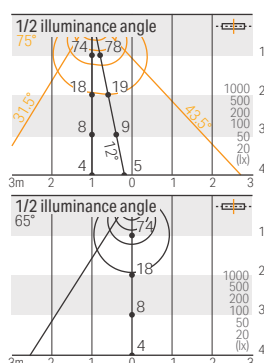
Both ends lead wire, Connector



One end lead wire, Connector

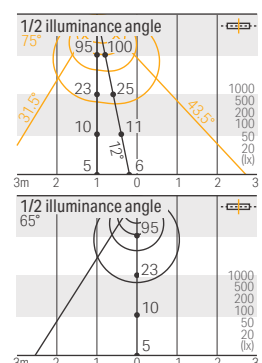


Light distribution curve



LRMSM-T1008□-L27-DF-I-6

Light source color 2700K
Brightness 74 cd
Luminous 454 lm
Color rendering index Ra 91



LRMSM-T1008□-L27-DF-I-8

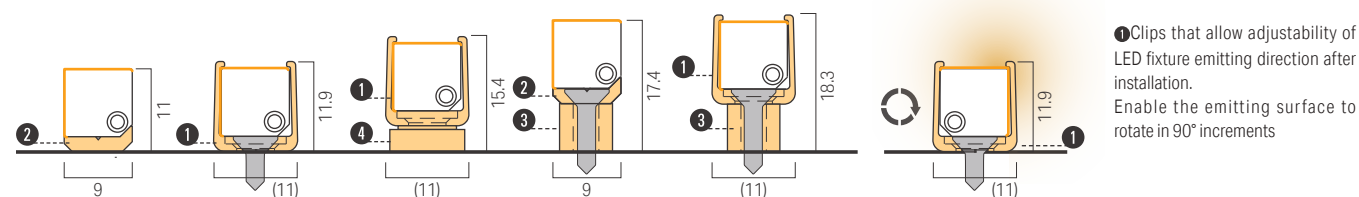
Light source color 2700K
Brightness 95 cd
Luminous 570 lm
Color rendering index Ra 91

More detail



- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

Cross sectional view when installing optional items

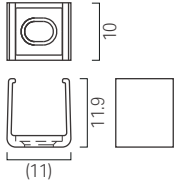


Accessories



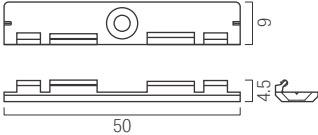
① Mounting clip E for RIMiT
Model No : LRM-PT-E
5 pcs/1 bag

For magnet installation, please refer the required number of clip to the table on P.8





② Mounting clip F for RIMiT
Model No : LRM-PT-F
5 pcs/1 bag

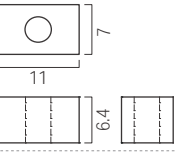




③ Lift Parts for RIMiT
Model No : LRM-PT-B
2 pcs/1 bag

Lift parts must be used with ① mounting clip

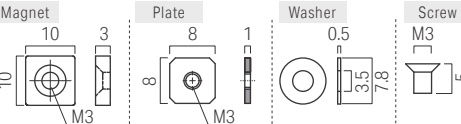
For magnet installation, please refer to the required number of clips in the table on P.197





④ Magnet set A
Model No : MG-A
4 pcs / bag

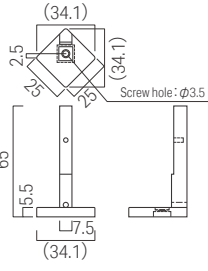
Used for installing LED fixture with mounting rail ① on metal plate. Metal plate is supplied by installer.





⑤ Stand for RIMiT
Model No : LRM-PT-M

Compatible LED fixture length: Up to 408mm





⑥ Power supply cable 3M with TR connector
Model No : CAD-3000-MEFE-O

1 pcs per circuit for connecting the LED fixture to power supply or dimmer driver.





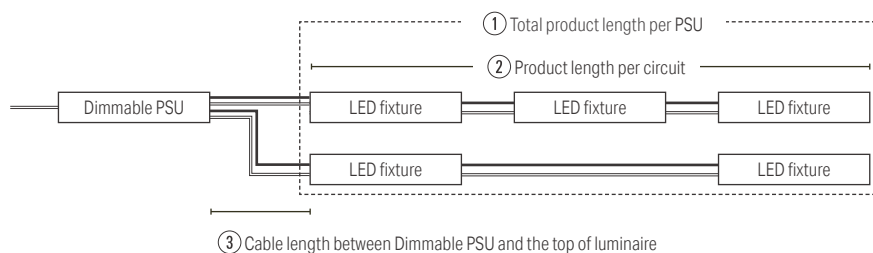
⑦ Clip for cable
Model No : LRM-PT-J
5 pcs/1 bag

Secure excessive cables and prevent cables from sagging

Custom order products size

Length(Code)	Fitting length(mm)	Wattage(Code)	Mounting Clip	Length(Code)	Fitting length(mm)	Wattage(Code)	Mounting Clip
		6 8 Wattage(W)				6 8 Wattage(W)	
0033	32.2	0.2 0.2	1 pcs	0783	782.2	5.0 6.6	4 pcs Recommended pitch 250 to 400 mm
0058	57.2	0.3 0.4		0808	807.2	5.1 6.8	
0083	82.2	0.5 0.6		0833	832.2	5.3 7.1	
0108	107.2	0.6 0.9		0858	857.2	5.4 7.3	
0133	132.2	0.8 1.1		0883	882.2	5.6 7.5	
0158	157.2	1.0 1.3	2 pcs Recommended pitch 60 to 230 mm	0908	907.2	5.8 7.7	
0183	182.2	1.1 1.5		0933	932.2	5.9 7.9	
0208	207.2	1.3 1.7		0958	957.2	6.1 8.1	
0233	232.2	1.4 1.9		0983	982.2	6.2 8.3	
0258	257.2	1.6 2.1		1008	1007.2	6.4 8.6	
0283	282.2	1.8 2.4	3 pcs Recommended pitch 140 to 370 mm	1033	1032.2	6.6 8.8	
0308	307.2	1.9 2.6		1058	1057.2	6.7 9.0	
0333	332.2	2.1 2.8		1083	1082.2	6.9 9.2	
0358	357.2	2.2 3.0		1108	1107.2	7.0 9.4	
0383	382.2	2.4 3.2		1133	1132.2	7.2 9.6	
0408	407.2	2.6 3.4		1158	1157.2	7.4 9.8	
0433	432.2	2.7 3.6		1183	1182.2	7.5 10.1	
0458	457.2	2.9 3.9		1208	1207.2	7.7 10.3	
0483	482.2	3.0 4.1		1233	1232.2	7.8 10.5	
0508	507.2	3.2 4.3		1258	1257.2	8.0 10.7	
0533	532.2	3.4 4.5		1283	1282.2	8.2 10.9	
0558	557.2	3.5 4.7		1308	1307.2	8.3 11.1	5 pcs Recommended pitch 315 to 375 mm
0583	582.2	3.7 4.9		1333	1332.2	8.5 11.3	
0608	607.2	3.8 5.1		1358	1357.2	8.6 11.6	
0633	632.2	4.0 5.4		1383	1382.2	8.8 11.8	
0658	657.2	4.2 5.6		1408	1407.2	9.0 12.0	
0683	682.2	4.3 5.8		1433	1432.2	9.1 12.2	
0708	707.2	4.5 6.0		1458	1457.2	9.3 12.4	
0733	732.2	4.6 6.2		1483	1482.2	9.4 12.6	
0758	757.2	4.8 6.4		1508	1507.2	9.6 12.8	

System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refer to ▶
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232

Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refer to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU			PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
			DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
LRMSM-T**-*-DF-I-6	6.4	3.5	18.7*	14*	21.8*	13.1*	9.8*	6.5*	4.3*
LRMSM-T**-*-DF-I-8	8.6	3.5	13.9*	10.4*	16.2*	9.7*	7.3*	4.8*	3.2

LRMCK
RIMiT kx

LRMSM
RIMiT sm

LRMSA
RIMiT sa

LRMSK
RIMiT sk

LRMMR
RIMiT mr

LRWZE
RIMiT zen

LRM-P
RIMiT pendant

LRM-stand
RIMiT stand

LRO
EFRO

Luci RIMiT sa

LRMSA

SAnmen

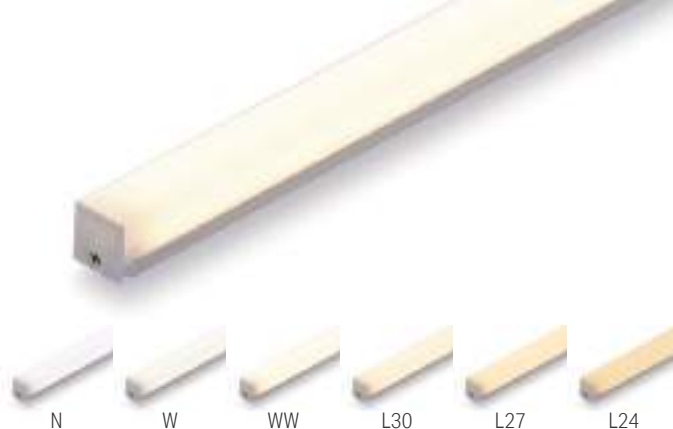
Color management
MacAdam



L90>B10
50K

1 years
warranty

- This innovative design of three light-emitting surfaces elevates the design by providing a unique visual experience.
- 33mm to 1508mm, 60 sizes available



Model No. (Open end)

LRMSA - T□□□□ - □ - □ - DF - I - □

Model No. (Connector)

LRMSA - T□□□□ - □ - □ - DF - I - □ (C)

Product Name	Length	Lead wire	Light source color	Cover type	Environment	Wattage	Connector
LRMSA	Custom order length	W : Both ends S : One end	N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L24 : 2400K	DF : Diffuser	I : Indoor	6 : 6.4 W/m 8 : 8.6W/m	(C) : Connector

Specification

Wattage (Code)	6	8
Wattage (W/m)	6.4	8.6
Weight	78 g / 1008 mm	
Luminaire efficacy (lm/W) @2700K	79.0	69.7

Luman output

Light source color(Code)

	Delivered CCT	Ra	Luminaire flux (lm/m)	
N	5000K	4600K Ra 91	582	690
W	4000K	3700K Ra 91	572	679
WW	3500K	3300K Ra 92	545	647
L30	3000K	2900K Ra 91	544	645
L27	2700K	2600K Ra 91	506	600
L24	2400K	2400K Ra 92	473	561

General Specification

Input voltage	DC24V
Environment	Indoors (no condensation)
Max. length Per circuit	3.5m
Material (body)	Polycarbonate, Aluminum
Certification	CE
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi)

Open end

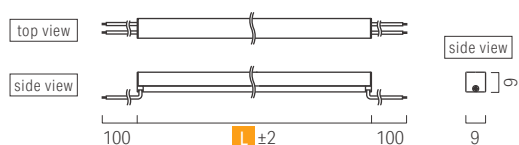
Connector

One end / Both ends

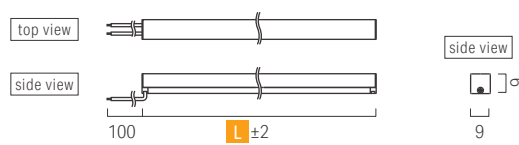
Both ends

External dimension

Both ends lead wire, Open end



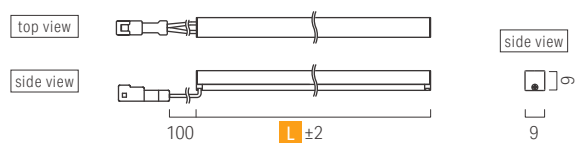
One end lead wire, Open end



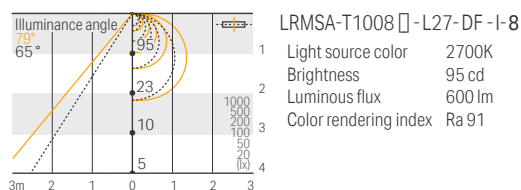
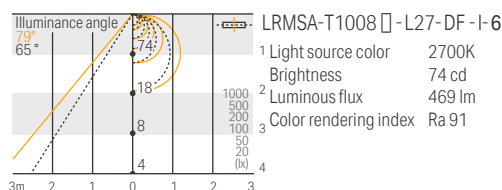
Both ends lead wire, Connector



One end lead wire, Connector



Light distribution curve

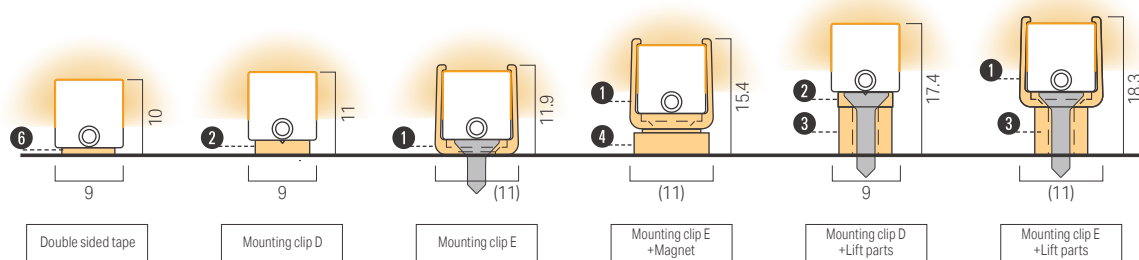


More detail



- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

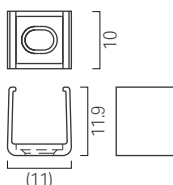
Cross sectional view with accessories



Accessories



- 1 Mounting clip E for RIMiT
Model No : LRM-PT-E
5 pcs /1 bag

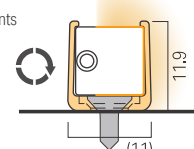


Magnet mounting available
4 Magnet Set A
Only for horizontal installation

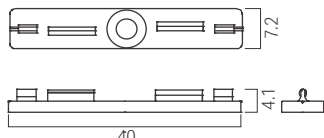
● Fixture adjustable clip

Enables rotating the emitting surface in 90° increments

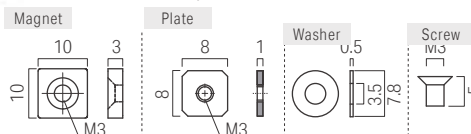
- 1 Clips that allow adjustability of LED fixture emitting direction after installation.



- 2 Mounting clip D for RIMiT
Model No : LRM-PT-D
5 pcs /1 bag



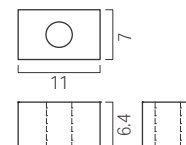
- 4 Magnet Set A
Model No : MG-A
Used for installing LED fixture with 1 Mounting clip E on metal plate.
Metal plate is required by installer.



- 3 Lift parts for RIMiT
Model No : LRM-PT-B
5 pcs /1 bag

Lift parts must be used with 1 2 Mounting clip

For magnet installation, please refer the required number of clip to the table on P.8



- 5 Power supply cable 3M
Model No : CAD-3000-MEFE-O

1 pcs per circuit for connecting the LED fixture to power supply or dimmer driver.



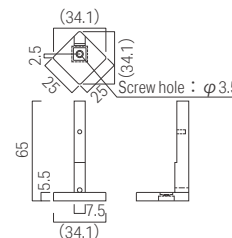
- 6 Clip for cable
Model No : LRM-PT-J
5 pcs /1 bag

Secure excessive cables and prevent cables from sagging
For magnet installation, please refer the required number of clip to the table on P.201



- 6 RIMiT stand
Model No : LRM-PT-M
1 pc /1 bag
Max. length compatible with the stand is 408mm

Magnet mounting available

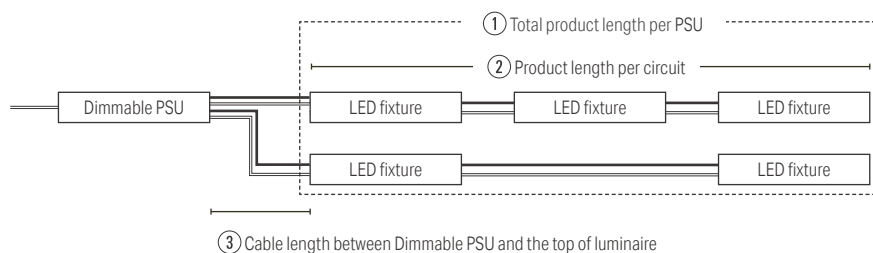


Custom order products size

Length(Code)	Fitting length(mm)	Wattage(Code)	Wattage(W)	Mounting Clip
0033	32.2	0.2	0.2	1 pcs
0058	57.2	0.3	0.4	
0083	82.2	0.5	0.6	
0108	107.2	0.6	0.9	2 pcs Recommended pitch 60 to 230 mm
0133	132.2	0.8	1.1	
0158	157.2	1.0	1.3	
0183	182.2	1.1	1.5	
0208	207.2	1.3	1.7	
0233	232.2	1.4	1.9	
0258	257.2	1.6	2.1	3 pcs Recommended pitch 140 to 370 mm
0283	282.2	1.8	2.4	
0308	307.2	1.9	2.6	
0333	332.2	2.1	2.8	
0358	357.2	2.2	3.0	
0383	382.2	2.4	3.2	
0408	407.2	2.6	3.4	
0433	432.2	2.7	3.6	
0458	457.2	2.9	3.9	
0483	482.2	3.0	4.1	
0508	507.2	3.2	4.3	5 pcs Recommended pitch 315 to 375 mm
0533	532.2	3.4	4.5	
0558	557.2	3.5	4.7	
0583	582.2	3.7	4.9	
0608	607.2	3.8	5.1	
0633	632.2	4.0	5.4	
0658	657.2	4.2	5.6	
0683	682.2	4.3	5.8	
0708	707.2	4.5	6.0	
0733	732.2	4.6	6.2	
0758	757.2	4.8	6.4	

Length(Code)	Fitting length(mm)	Wattage(Code)	Wattage(W)	Mounting Clip
0783	782.2	5.0	6.6	4 pcs Recommended pitch 250 to 400 mm
0808	807.2	5.1	6.8	
0833	832.2	5.3	7.1	
0858	857.2	5.4	7.3	
0883	882.2	5.6	7.5	
0908	907.2	5.8	7.7	
0933	932.2	5.9	7.9	
0958	957.2	6.1	8.1	
0983	982.2	6.2	8.3	
1008	1007.2	6.4	8.6	
1033	1032.2	6.6	8.8	5 pcs Recommended pitch 315 to 375 mm
1058	1057.2	6.7	9.0	
1083	1082.2	6.9	9.2	
1108	1107.2	7.0	9.4	
1133	1132.2	7.2	9.6	
1158	1157.2	7.4	9.8	
1183	1182.2	7.5	10.1	
1208	1207.2	7.7	10.3	
1233	1232.2	7.8	10.5	
1258	1257.2	8.0	10.7	
1283	1282.2	8.2	10.9	5 pcs Recommended pitch 315 to 375 mm
1308	1307.2	8.3	11.1	
1333	1332.2	8.5	11.3	
1358	1357.2	8.6	11.6	
1383	1382.2	8.8	11.8	
1408	1407.2	9.0	12.0	
1433	1432.2	9.1	12.2	
1458	1457.2	9.3	12.4	
1483	1482.2	9.4	12.6	
1508	1507.2	9.6	12.8	

System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refer to ▶
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232

Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refer to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU			PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
			DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
LRMSA-T**-DF-I-6	6.4	3.5	18.7*	14*	21.8*	13.1*	9.8*	6.5*	4.3*
LRMSA-T**-DF-I-8	8.6	3.5	13.9*	10.4*	16.2*	9.7*	7.3*	4.8*	3.2

LRMUS
RIMiT us

LRMKK
RIMiT kk

LRMSM
RIMiT sm

LRMSA
RIMiT sa

LRMSK
RIMiT sk

LRMMR
RIMiT mr

LRMZE
RIMiT zen

LRM-P
RIMiT pendant

LRM-stand
RIMiT stand

LRO
ERRO

Luci RIMiT sk

LRMSK

SanKaku

Color management
MacAdam



L90>B10
50K

1 years
warranty

- Triangular-shaped rigid light with an emitting surface on the hypotenuse.
- Beautiful surface emission expands design possibilities
- 33mm to 1508mm, 60 sizes available



Model No. (Open end)

LRMSK - T□□□□ - □ - □ - DF - I - □

Model No. (Connector)

LRMSK - T□□□□ - □ - □ - DF - I - □ (C)

Product Name	Length	Lead wire	Light source color	Cover type	Environment	Wattage	Connector
LRMSK	Custom order length	W : Both ends S : One end	N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L24 : 2400K	DF : Diffuser	I : Indoor	6 : 6.4 W/m 8 : 8.6W/m	(C) : Connector

Specification

Wattage (Code)	6	8
Wattage (W/m)	6.4	8.6
Weight	78g / 1008 mm	
Luminaire efficacy (lm/W) @2700K	79.7	76.5

Luman output

Light source color (Code)

	Delivered CCT	Ra	Luminaire flux (lm/m)	
N	5000K	4600K Ra 91	543	700
W	4000K	3700K Ra 91	543	700
WW	3500K	3300K Ra 91	522	673
L30	3000K	2900K Ra 92	494	636
L27	2700K	2600K Ra 91	510	658
L24	2400K	2400K Ra 92	450	579

General Specification

Input voltage	DC24V
Environment	Indoors (no condensation)
Max. length Per circuit	3.5m
Material (body)	Polycarbonate, Aluminum
Certification	CE
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi)

Open end

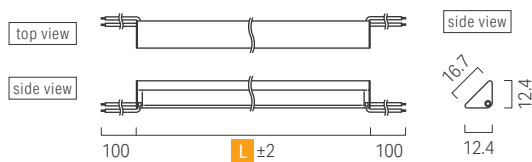
Connector

One end / Both ends

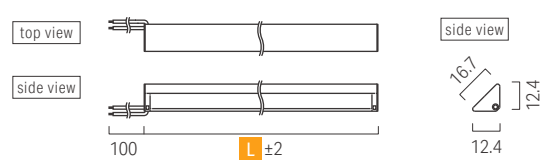
Both ends

External dimension

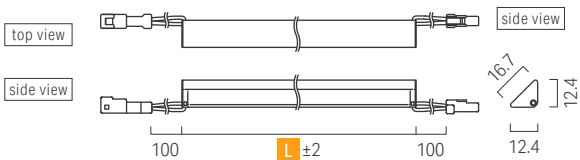
Both ends lead wire, Open end



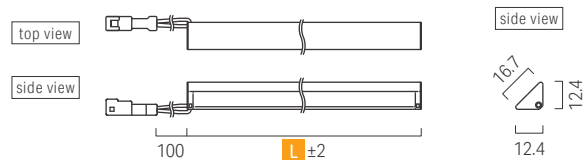
One end lead wire, Open end



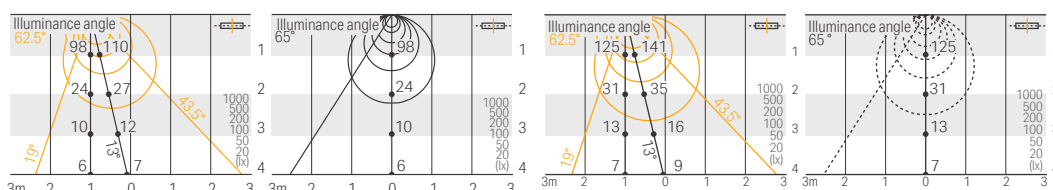
Both ends lead wire, Connector



One end lead wire, Connector



Light distribution curve



LRMSK-T1008 □ - L27-DF-I-6

Light source color 2700K
Brightness 98 cd
Luminous flux 514 lm
Color rendering index Ra 91

LRMSK-T1008 □ - L27-DF-I-8

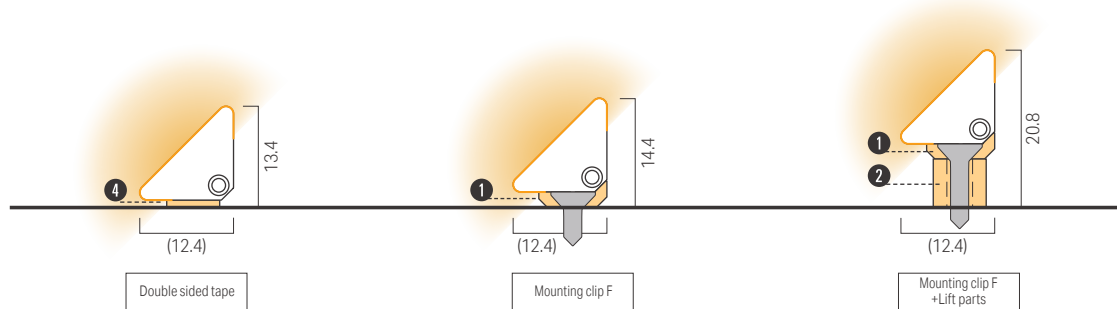
Light source color 2700K
Brightness 125 cd
Luminous flux 658 lm
Color rendering index Ra 91

More detail

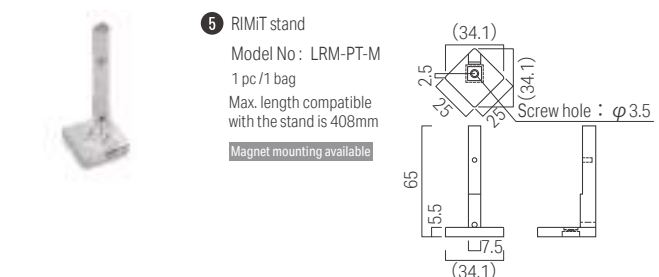
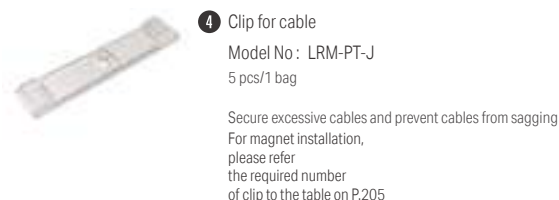
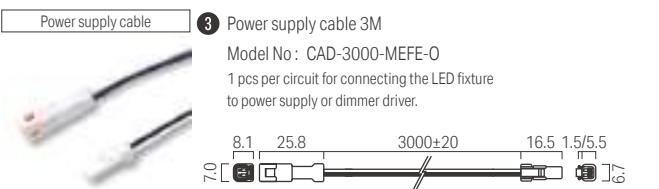
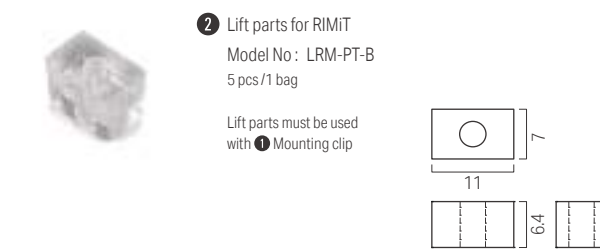
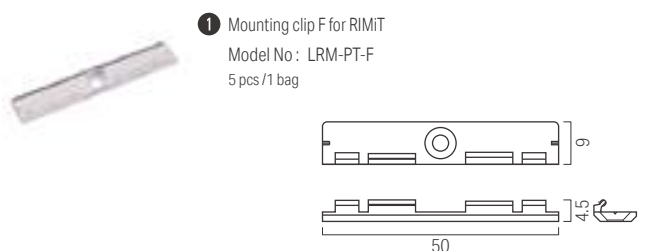


- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

Cross sectional view with accessories



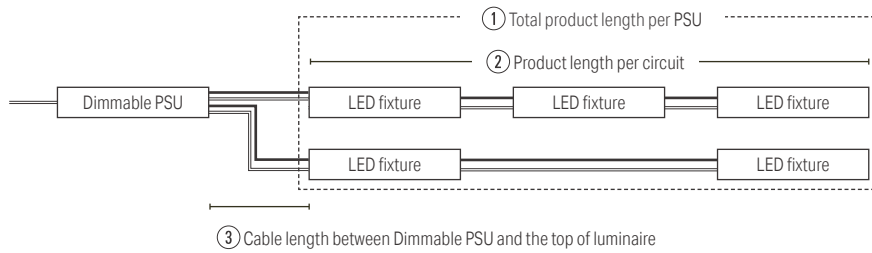
Accessories



Custom order products size

Length(Code)	Fitting length(mm)	Wattage(Code)	Wattage(W)	Mounting Clip	Length(Code)	Fitting length(mm)	Wattage(Code)	Wattage(W)	Mounting Clip
		6	8				6	8	
		Wattage(W)					Wattage(W)		
0033	32.2	0.2	0.2	1 pcs	0783	782.2	5.0	6.6	4 pcs Recommended pitch 250 to 400 mm
0058	57.2	0.3	0.4		0808	807.2	5.1	6.8	
0083	82.2	0.5	0.6		0833	832.2	5.3	7.1	
0108	107.2	0.6	0.9		0858	857.2	5.4	7.3	
0133	132.2	0.8	1.1	2 pcs Recommended pitch 60 to 230 mm	0883	882.2	5.6	7.5	
0158	157.2	1.0	1.3		0908	907.2	5.8	7.7	
0183	182.2	1.1	1.5		0933	932.2	5.9	7.9	
0208	207.2	1.3	1.7		0958	957.2	6.1	8.1	
0233	232.2	1.4	1.9	3 pcs Recommended pitch 140 to 370 mm	0983	982.2	6.2	8.3	
0258	257.2	1.6	2.1		1008	1007.2	6.4	8.6	
0283	282.2	1.8	2.4		1033	1032.2	6.6	8.8	
0308	307.2	1.9	2.6		1058	1057.2	6.7	9.0	
0333	332.2	2.1	2.8		1083	1082.2	6.9	9.2	
0358	357.2	2.2	3.0		1108	1107.2	7.0	9.4	
0383	382.2	2.4	3.2		1133	1132.2	7.2	9.6	
0408	407.2	2.6	3.4		1158	1157.2	7.4	9.8	
0433	432.2	2.7	3.6		1183	1182.2	7.5	10.1	
0458	457.2	2.9	3.9		1208	1207.2	7.7	10.3	
0483	482.2	3.0	4.1	5 pcs Recommended pitch 315 to 375 mm	1233	1232.2	7.8	10.5	
0508	507.2	3.2	4.3		1258	1257.2	8.0	10.7	
0533	532.2	3.4	4.5		1283	1282.2	8.2	10.9	
0558	557.2	3.5	4.7		1308	1307.2	8.3	11.1	
0583	582.2	3.7	4.9		1333	1332.2	8.5	11.3	
0608	607.2	3.8	5.1		1358	1357.2	8.6	11.6	
0633	632.2	4.0	5.4		1383	1382.2	8.8	11.8	
0658	657.2	4.2	5.6		1408	1407.2	9.0	12.0	
0683	682.2	4.3	5.8		1433	1432.2	9.1	12.2	
0708	707.2	4.5	6.0		1458	1457.2	9.3	12.4	
0733	732.2	4.6	6.2		1483	1482.2	9.4	12.6	
0758	757.2	4.8	6.4		1508	1507.2	9.6	12.8	

System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refer to ▶
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232

Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refer to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU			PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
			DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
LRMSK-T**-DF-I-6	6.4	3.5	18.7*	14*	21.8*	13.1*	9.8*	6.5*	4.3*
LRMSK-T**-DF-I-8	8.6	3.5	13.9*	10.4*	16.2*	9.7*	7.3*	4.8*	3.2

LRMCK
RIMiT kx

LRMSM
RIMiT sm

LRMSA
RIMiT sa

LRMSK
RIMiT sk

LRMMR
RIMiT mr

LRWZE
RIMiT zen

LRM-P
RIMiT pendant

LRM-stand
RIMiT stand

LRO
EFRO

Luci RIMiT mr

LRMMR

MaRu

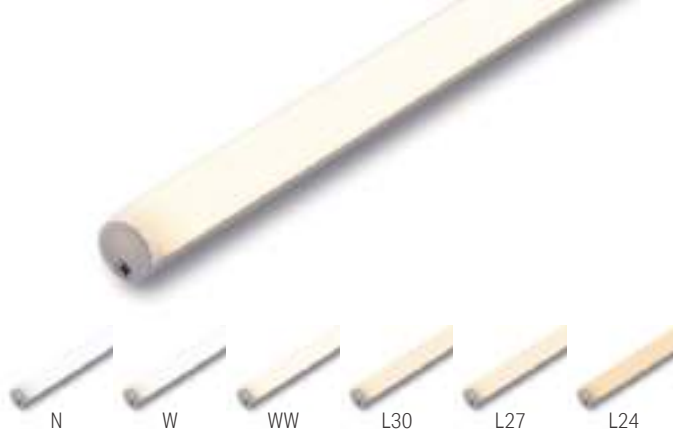
Color management
MacAdam



L90>B10
50K

1 years
warranty

- Round dotless lines with 8.8mm diameter
- Mounting clips that allow light distribution to be freely changed 360° after installation
- 33mm to 1508mm, 60 sizes available



Model No. (Open end)

LRMMR - T□□□□ - □ - □ - DF - I - □

Model No. (Connector)

LRMMR - T□□□□ - □ - □ - DF - I - □ (C)

Product Name	Length	Lead wire	Light source color	Cover type	Environment	Wattage	Connector
LRMMR	Custom order length	W : Both ends S : One end	N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L24 : 2400K	DF : Diffuser	I : Indoor	6 : 6.4 W/m 8 : 8.6W/m	(C) : Connector

Specification

Wattage (Code)	6	8
Wattage (W/m)	6.4	8.6
Weight	70 g / 1008 mm	
Luminaire efficacy (lm/W) @2700K	73.5	70.4

Luman output

Light source color (Code)

	Delivered CCT		Ra	Luminaire flux (lm/m)	
N	5000K	4600K	Ra91	538	692
W	4000K	3700K	Ra92	541	696
WW	3500K	3300K	Ra92	512	658
L30	3000K	2900K	Ra91	503	648
L27	2700K	2600K	Ra92	470	605
L24	2400K	2400K	Ra91	439	565

General Specification

Input voltage	DC24V
Environment	Indoors (no condensation)
Max. length Per circuit	3.5m
Material (body)	Polycarbonate, Aluminum
Certification	CE
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi)

Open end

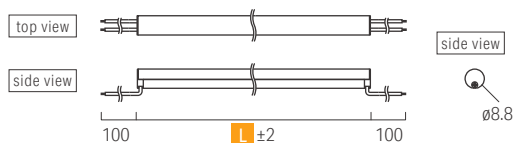
Connector

One end / Both ends

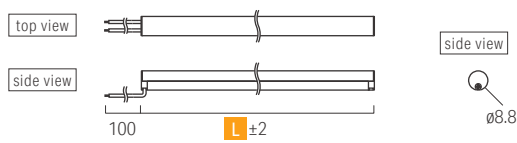
Both ends

External dimension

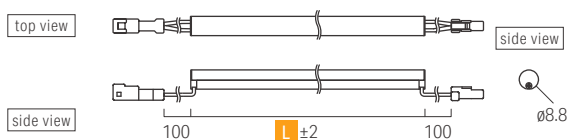
Both ends lead wire, Open end



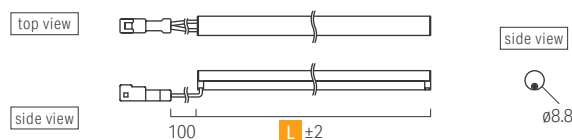
One end lead wire, Open end



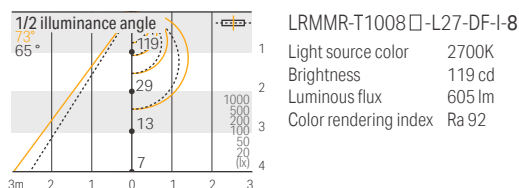
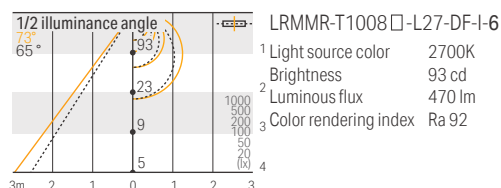
Both ends lead wire, Connector



One end lead wire, Connector



Light distribution curve

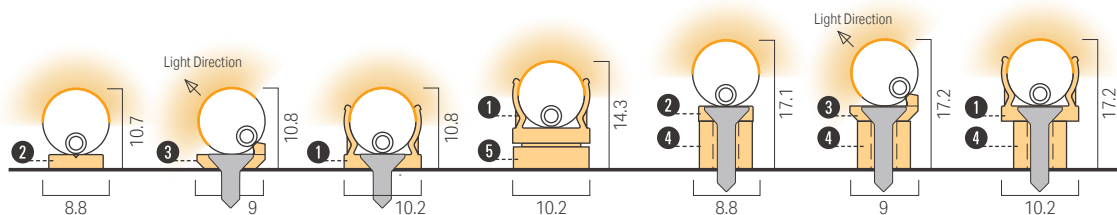


More detail



- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

Cross sectional view when installing accesories



Accessories

Fixture **1** Mounting clip G for RIMiT mr
Model No : LRMMR-PT-G
5 pcs/1 bag

For magnet installation, please refer to the required number of clips in the table on P.209

Fixture **2** Mounting clip D for RIMiT
Model No : LRM-PT-D
5 pcs/1 bag

45° Fixture **3** Mounting clip F for RIMiT
Model No : LRM-PT-F
5 pcs/1 bag

Fixture **4** Lift Parts for RIMiT
Model No : LRM-PT-B
2 pcs/1 bag

Lift parts must be used with **1** **2** **3** mounting clip

for Mounting clip installation **5** Magnet Set A
Model No : MG-A
5 pcs/1 bag

Used for installing LED fixture with **1** Mounting clip G on metal plate.
Metal plate is required by installer.

6 Stand for RIMiT
Model No : LRM-PT-M

Compatible LED fixture length:
Up to 408mm

Power supply cable **7** Power supply cable 3M with TR connector
Model No : CAD-3000-MEFE-O

1 pcs per circuit for connecting the LED fixture to power supply or dimmer driver.

8 Clip for cable
Model No : LRM-PT-J
5 pcs/1 bag

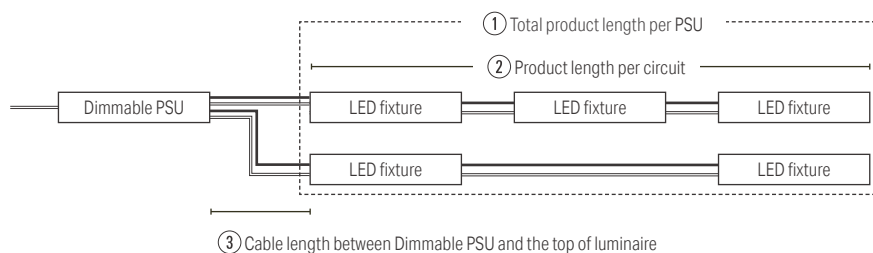
Secure excessive cables and prevent cables from sagging

Custom order products size

Length(Code)	Fitting length(mm)	Wattage(Code)	Wattage(W)	Mounting Clip
		6	8	
0033	32.2	0.2	0.2	1 pcs
0058	57.2	0.3	0.4	
0083	82.2	0.5	0.6	
0108	107.2	0.6	0.9	
0133	132.2	0.8	1.1	2 pcs Recommended pitch 60 to 230 mm
0158	157.2	1.0	1.3	
0183	182.2	1.1	1.5	
0208	207.2	1.3	1.7	
0233	232.2	1.4	1.9	3 pcs Recommended pitch 140 to 370 mm
0258	257.2	1.6	2.1	
0283	282.2	1.8	2.4	
0308	307.2	1.9	2.6	
0333	332.2	2.1	2.8	
0358	357.2	2.2	3.0	
0383	382.2	2.4	3.2	
0408	407.2	2.6	3.4	
0433	432.2	2.7	3.6	
0458	457.2	2.9	3.9	
0483	482.2	3.0	4.1	
0508	507.2	3.2	4.3	
0533	532.2	3.4	4.5	
0558	557.2	3.5	4.7	
0583	582.2	3.7	4.9	
0608	607.2	3.8	5.1	
0633	632.2	4.0	5.4	
0658	657.2	4.2	5.6	
0683	682.2	4.3	5.8	
0708	707.2	4.5	6.0	
0733	732.2	4.6	6.2	
0758	757.2	4.8	6.4	

Length(Code)	Fitting length(mm)	Wattage(Code)	Wattage(W)	Mounting Clip
		6	8	
0783	782.2	5.0	6.6	
0808	807.2	5.1	6.8	
0833	832.2	5.3	7.1	
0858	857.2	5.4	7.3	
0883	882.2	5.6	7.5	4 pcs Recommended pitch 250 to 400 mm
0908	907.2	5.8	7.7	
0933	932.2	5.9	7.9	
0958	957.2	6.1	8.1	
0983	982.2	6.2	8.3	
1008	1007.2	6.4	8.6	
1033	1032.2	6.6	8.8	
1058	1057.2	6.7	9.0	
1083	1082.2	6.9	9.2	
1108	1107.2	7.0	9.4	
1133	1132.2	7.2	9.6	
1158	1157.2	7.4	9.8	
1183	1182.2	7.5	10.1	
1208	1207.2	7.7	10.3	
1233	1232.2	7.8	10.5	
1258	1257.2	8.0	10.7	
1283	1282.2	8.2	10.9	
1308	1307.2	8.3	11.1	
1333	1332.2	8.5	11.3	
1358	1357.2	8.6	11.6	
1383	1382.2	8.8	11.8	5 pcs Recommended pitch 315 to 375 mm
1408	1407.2	9.0	12.0	
1433	1432.2	9.1	12.2	
1458	1457.2	9.3	12.4	
1483	1482.2	9.4	12.6	
1508	1507.2	9.6	12.8	

System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refer to ▶
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232

Dimmable PSU

Model No.	Size (mm) (L × W × H)	Refer to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU			PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
			DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
LRMMR-T**-*-DF-I-6	6.4	3.5	*Split into multiple circuit						
LRMMR-T**-*-DF-I-8	8.6	3.5							

LRMCK
RIMiT kk

LRMSM
RIMiT sm

LRMSA
RIMiT sa

LRMSK
RIMiT sk

LRMMR
RIMiT mr

LRMZE
RIMiT zen

LRM-P
RIMiT pendant

LRM-stand
RIMiT stand

LRO
EFRO

- 12mm diameter all-around luminous dotless line lighting
- Midpoint lead wire option for wall mounting
- 40 lengths up to 1009mm (one end) or up to 509mm (midpoint), in 25mm increments



Model No. (One end lead wire)

Product Name	Length	Lead wire	Light source color	Cover type	Environment	Wattage	Connector
LRMZE	Custom order length	SS : One end	N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L24 : 2400K	DF : Diffuser	I : Indoor	8 : 8.9W/m	Blank : Open end (C) : Connector

Model No. (Midpoint lead wire)

LRMZE - T - SC - - DF - I - 8

Product Name

Length

Lead wire

Light source color

Cover type

Environment

Wattage

LRMZE

Custom
order length

SC : Midpoint

N : 5000K
W : 4000K
WW : 3500K
L30 : 3000K
L27 : 2700K
L24 : 2400K

DF : Diffuser

I : Indoor

8 : 8.9W/m

Specification

Specification				One end	Midpoint
Lead wire					
Wattage				8.9 W/m	4.5 W/509mm
Fitting length(L)				34mm - 1009mm	159mm - 509mm
Weight				70 g / 1009mm	38 g / 509mm
Luminaire efficacy (lm/W) @2700K				56.3	56.3
Luman output					
Light source color(Code)					
Delivered CCT				Ra	
Ra 91				Luminaire flux (lm/m)	
N	5000K	4200K	Ra 91	479	239
W	4000K	3500K	Ra 96	571	285
WW	3500K	3100K	Ra 94	578	289
L30	3000K	2700K	Ra 94	510	255
L27	2700K	2400K	Ra 95	501	251
L24	2400K	2200K	Ra 92	466	233

General Specification

Input voltage	DC24V
Environment	Indoors (no condensation)
Max. length Per circuit	Not connectable in series
Material (body)	Polycarbonate, Aluminum
Certification	CE
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi)

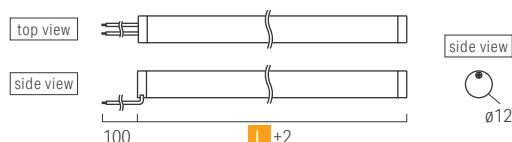
Open end

Connector



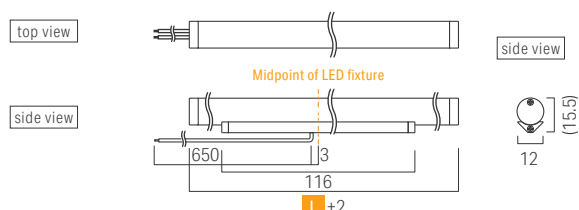
External dimension (One end lead wire)

One end lead wire. Open end



External dimension (One end lead wire)

Midpoint lead wire, Open end

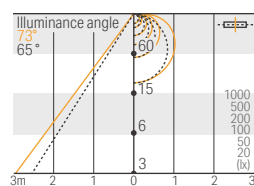


For the midpoint lead wire type, a white heatsink is mounted at the center of the lighting fixture.

One end lead wire, Connector



Light distribution curve



LRMZE-T1009 □ -L27-DF -I-8

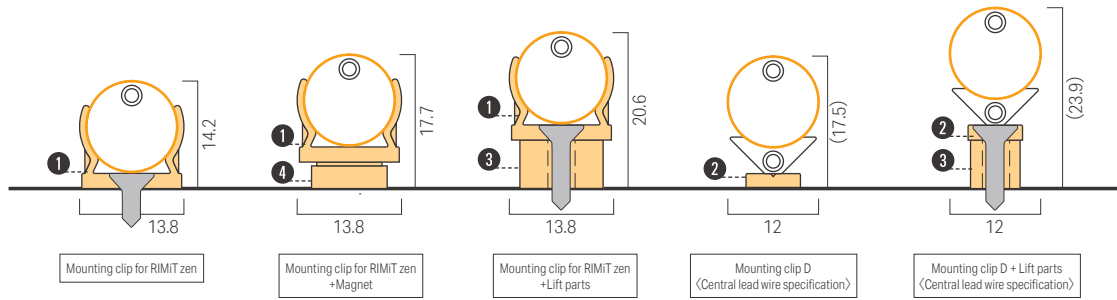
Light source color	2700K
Brightness	60 cd
Luminous flux	501 lm
Color rendering index	Ra 95

More detail



- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

Cross sectional view with accessories



Accessories

1 Mounting clip for RIMiT zen
Model No : LRMZE-PT-L
5 pcs /1 bag

Magnet mounting available

4 Magnet set A

2 Mounting clip D for RIMiT
Model No : LRM-PT-D
5 pcs /1 bag

3 Lift parts for RIMiT
Model No : LRM-PT-B
5 pcs /1 bag

Lift parts must be used with **1 2** mounting clip

for Mounting clip installation

4 Magnet Set A
Model No : MG-A
5 pcs /1 bag
Used for installing LED fixture with **1** Mounting clip for RIMiT zen on metal plate.
Metal plate is required by installer.

Magnet	Plate	Washer	Screw
10	8	0.5	M3
10	8	0.5	M3

5 Power supply cable 3M
Model No : CAD-3000-MEFE-O
1 pcs per circuit for connecting the LED fixture to power supply or dimmer driver.

6 RIMiT stand
Model No : LRM-PT-M
1 pc /1 bag
Max. length compatible with the stand is 409mm

Magnet mounting available

Custom order size (One end lead wire)

Length(Code)	Fitting length(mm)	Wattage(W)	Mounting Clip
0034	34	0.2	1 pcs
0059	59	0.4	
0084	84	0.7	
0109	109	0.9	
0134	134	1.1	2 pcs Recommended pitch 60 to 230 mm
0159	159	1.3	
0184	184	1.6	
0209	209	1.8	
0234	234	2.0	
0259	259	2.2	
0284	284	2.5	
0309	309	2.7	
0334	334	2.9	3 pcs Recommended pitch 140 to 370 mm
0359	359	3.1	
0384	384	3.3	
0409	409	3.6	
0434	434	3.8	
0459	459	4.0	
0484	484	4.2	
0509	509	4.5	
0534	534	4.7	
0559	559	4.9	
0584	584	5.1	
0609	609	5.4	
0634	634	5.6	
0659	659	5.8	
0684	684	6.0	
0709	709	6.2	
0734	734	6.5	
0759	759	6.7	

Length(Code)	Fitting length(mm)	Wattage(W)	Mounting Clip
0784	784	6.9	4 pcs Recommended pitch 250 to 400 mm
0809	809	7.1	
0834	834	7.4	
0859	859	7.6	
0884	884	7.8	
0909	909	8.0	
0934	934	8.3	
0959	959	8.5	
0984	984	8.7	
1009	1009	8.9	

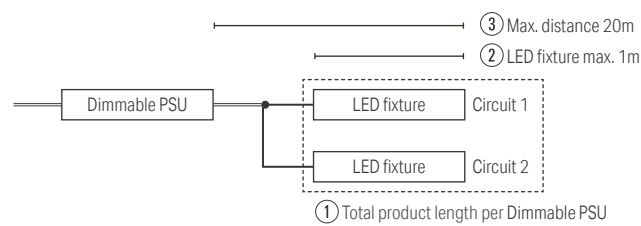
Note for RIMiT Zen

For lighting fixtures longer than 534mm, there may be a faint dark zone in the middle because of the product's structure. Please contact our sales representative to request for a sample.

Custom order size (Midpoint lead wire)

Length(Code)	Fitting length(mm)	Wattage(W)	Mounting Clip
0159	159	1.3	2 pcs
0209	209	1.8	
0259	259	2.2	
0309	309	2.7	
0359	359	3.1	
0409	409	3.6	
0459	459	4.0	
0509	509	4.5	

System configuration diagram



- 1 Max. connectable total length of LED fixture per Dimmable PSU depends on capacity of Dimmable PSU. Recommended loading factor: 70% (without dimming) or 60% (with dimming)
- 2 If connectable length of LED fixture per circuit exceeds the maximum, please split into multiple circuit.
- 3 To avoid voltage drop, please consider the max. distance from power supply to the end of LED fixture. (i.e. total cable length plus LED fixture length)

Dimmer		
Model No.	Size (mm) (L × W × H)	Refet to ▶
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232
Dimmable PSU		
Model No.	Size (mm) (L × W × H)	Refet to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU			PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
			DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	1 Connectable length per Dimmer & Dimmable PSU (m)						
LRMZE-T**-DF-I-8	8.9	1	13.4*	10.1*	15.7*	9.4*	7*	4.7*	3.1*

LRMkk
RIMiT kk

LRMSM
RIMiT sm

LRMSA
RIMiT sa

LRMSK
RIMiT sk

LRMMR
RIMiT mr

LRMZE
RIMiT zen

LRM-P
RIMiT pendant

LRM-stand
RIMiT stand

LRO
EFRO

Luci RIMiT pendant

LRM-T-(P)



Color management
MacAdam



1 years
warranty

- Ultra-small line pendant with sharp accent for your space.
- Available in 7 different types of luminaires and 6 light source color.
- 37 custom-made sizes available ranging from 108mm to 1008mm with no assembly required.



Example LRMMR



Model No.

LRM - T - - - DF - I - (P)

Product Name	Length	Lead wire	Light source color	Cover Type	Environment	Wattage	Custom
LRMUS LRMCK LRMSM LRMMR LRMSA LRMSK	Custom order length	S : One end	N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L24 : 2400K	DF : Diffuser	I : Indoor	6 : 6.4 W/m	(P) : Pendant
LRMZE		SS : One end				8 : 8.9 W/m	

Specification

Model No. (Code)				LRMUS	LRMCK	LRMSM	LRMMR	LRMSA	LRMSK	LRMZE		
Wattage (W/m)				6.4						8.9		
Fitting length (L)				108 mm - 1008 mm						109 mm - 1009 mm		
Weight (g)				70	76	70	70	78	70	70		
Luman output												
Light source color(Code)												
Delivered CCT		Ra		Luminaire flux (lm/m)						Delivered CCT	Ra	Luminaire flux (lm/m)
N	Ra 91	4600K	Ra91	465	394	510	465	582	543	4200K	Ra 91	479
W	Ra 92	3700K	Ra92	460	380	523	460	572	543	3500K	Ra 96	571
WW	Ra 92	3300K	Ra92	442	351	480	442	545	522	3100K	Ra 94	578
L30	Ra 91	2900K	Ra91	405	341	449	405	544	494	2700K	Ra 94	510
L27	Ra 92	2600K	Ra92	402	334	446	402	506	510	2400K	Ra 95	501
L24	Ra 91	2400K	Ra91	369	306	418	369	473	450	2200K	Ra 92	466

General Specification

Input voltage	DC24V
Environment	Indoor (no condensation)
Max. length Per circuit	Not connectable
Material (body)	Polycarbonate, Aluminum
Certification	CE
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi)

More detail



- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

Custom order products size

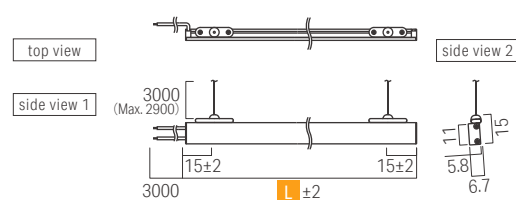
Length(Code)	Fitting length(mm)	Wattage(W)
L		
0108	107.2	0.6
0133	132.2	0.8
0158	157.2	1.0
0183	182.2	1.1
0208	207.2	1.3
0233	232.2	1.4
0258	257.2	1.6
0283	282.2	1.8
0308	307.2	1.9
0333	332.2	2.1
0358	357.2	2.2
0383	382.2	2.4
0408	407.2	2.6
0433	432.2	2.7
0458	457.2	2.9
0483	482.2	3.0
0508	507.2	3.2
0533	532.2	3.4
0558	557.2	3.5
0583	582.2	3.7
0608	607.2	3.8
0633	632.2	4.0
0658	657.2	4.2
0683	682.2	4.3
0708	707.2	4.5
0733	732.2	4.6
0758	757.2	4.8
0783	782.2	5.0
0808	807.2	5.1
0833	832.2	5.3
0858	857.2	5.4
0883	882.2	5.6
0908	907.2	5.8
0933	932.2	5.9
0958	957.2	6.1
0983	982.2	6.2
1008	1007.2	6.4

Custom order products size (RIMiT zen)

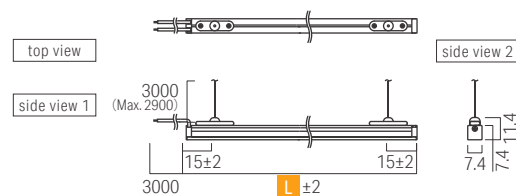
Length(Code)	Fitting length(mm)	Wattage(W)
L		
0109	109	0.9
0134	134	1.1
0159	159	1.3
0184	184	1.6
0209	209	1.8
0234	234	2.0
0259	259	2.2
0284	284	2.5
0309	309	2.7
0334	334	2.9
0359	359	3.1
0384	384	3.3
0409	409	3.6
0434	434	3.8
0459	459	4.0
0484	484	4.2
0509	509	4.5
0534	534	4.7
0559	559	4.9
0584	584	5.1
0609	609	5.4
0634	634	5.6
0659	659	5.8
0684	684	6.0
0709	709	6.2
0734	734	6.5
0759	759	6.7
0784	784	6.9
0809	809	7.1
0834	834	7.4
0859	859	7.6
0884	884	7.8
0909	909	8.0
0934	934	8.3
0959	959	8.5
0984	984	8.7
1009	1009	8.9

External dimension

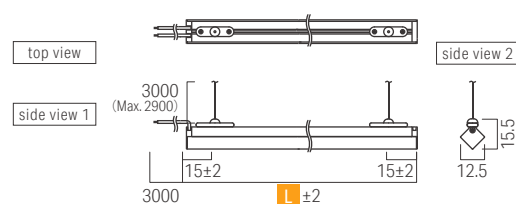
RIMiT us



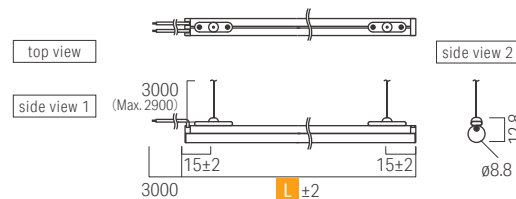
RIMiT kk



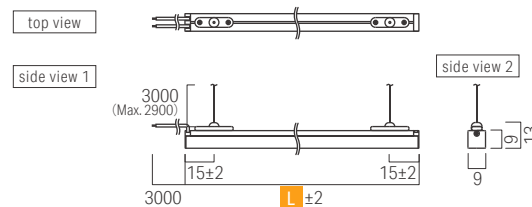
RIMiT sm



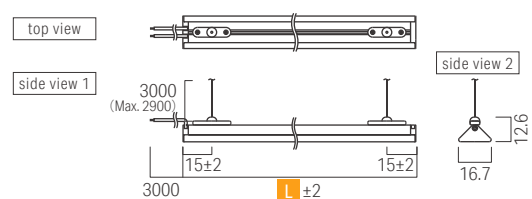
RIMiT mr



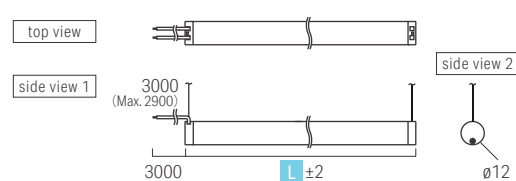
RIMiT sa



RIMiT sk

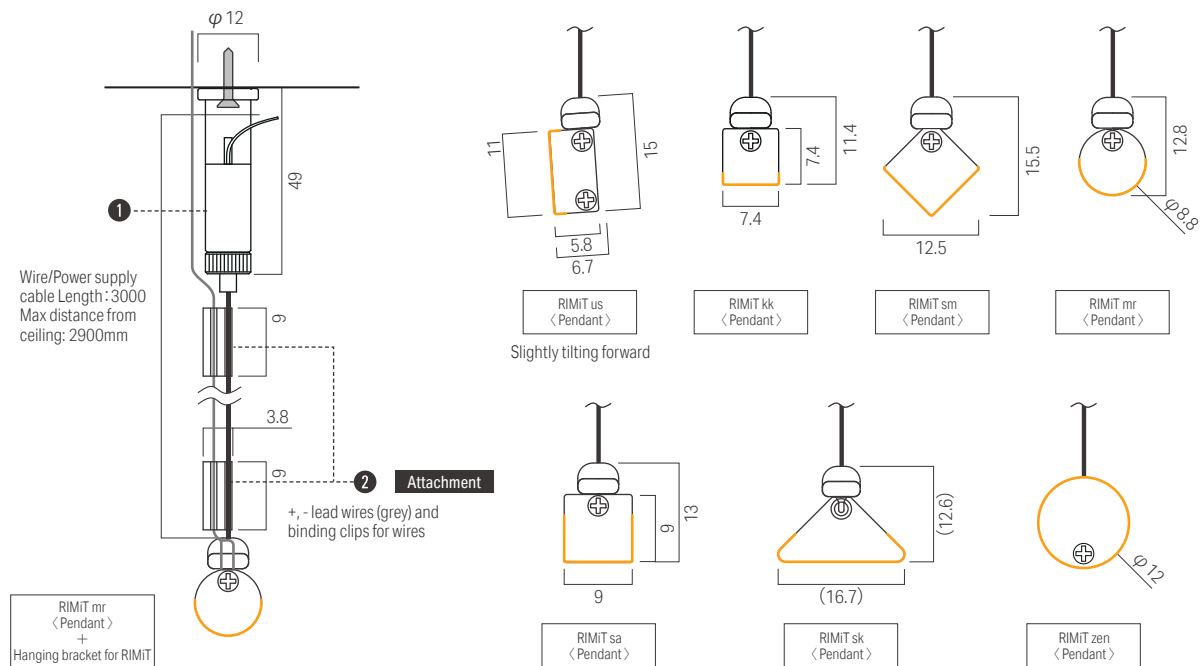


RIMiT zen

LRMkK
RIMiT kkLRMSM
RIMiT smLRMSA
RIMiT saLRMSK
RIMiT skLRMMR
RIMiT mrLRMZE
RIMiT zenLRM-P
RIMiT pendantLRM-stand
RIMiT standLRO
EFRO

Luci RIMiT pendant

Mounting pattern - by luminaire (us/kk/sm/mr/sa/sk/zen)

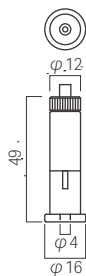


Accessories

Pendant fixing (ceiling)

- 1 Hanging bracket for RIMiT
Model No : LRM-PT-K

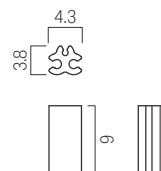
1 pcs/bag
Required 2 pcs for 1 pc of pendant light



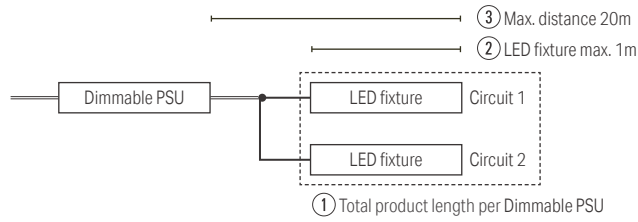
Lead wire fixing

- 2 Lead and Wire clip for RIMiT
Model No : LRM-PT-H

Attached with LED fixture
5 pcs/bag per LED fixture



System configuration diagram



- ① Max. connectable total length of LED fixture per Dimmable PSU depends on capacity of Dimmable PSU. Recommended loading factor: 70% (without dimming) or 60% (with dimming)
- ② If connectable length of LED fixture per circuit exceeds the maximum, please split into multiple circuit.
- ③ To avoid voltage drop, please consider the max. distance from power supply to the end of LED fixture. (i.e. total cable length plus LED fixture length)

Dimmer

Model No.	Size (mm) (L × W × H)	Refet to ▶
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232

Dimmable PSU

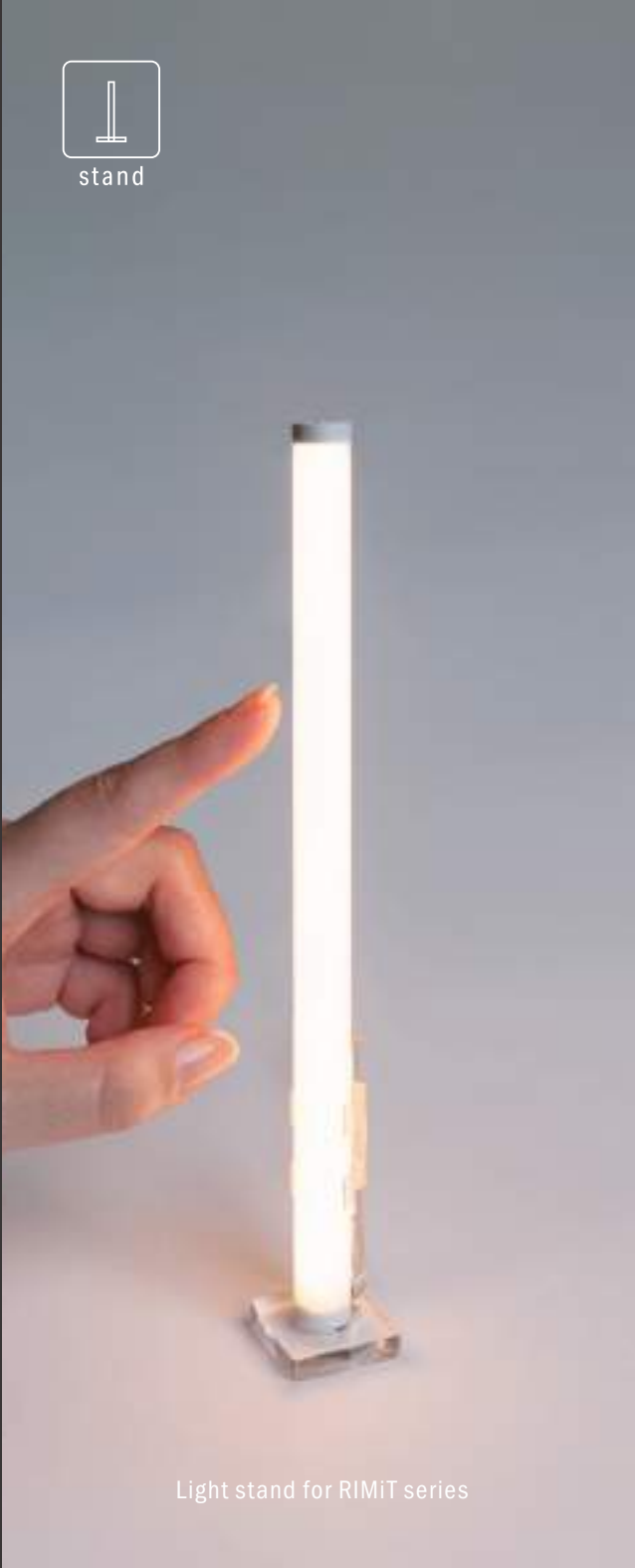
Model No.	Size (mm) (L × W × H)	Refet to ▶
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable PSU			PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
			DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
			* Split into multiple circuit						
LRMUS-T**-*-DF-I-6(P)	6.4	1.0	18.7*	14*	21.8*	13.1*	9.8*	6.5*	4.3*
LRMKK-T**-*-DF-I-6(P)	6.4	1.0	18.7*	14*	21.8*	13.1*	9.8*	6.5*	4.3*
LRMSM-T**-*-DF-I-6(P)	6.4	1.0	18.7*	14*	21.8*	13.1*	9.8*	6.5*	4.3*
LRMSA-T**-*-DF-I-6(P)	6.4	1.0	18.7*	14*	21.8	13.1*	9.8*	6.5*	4.3*
LRMSK-T**-*-DF-I-6(P)	6.4	1.0	18.7*	14*	21.8*	13.1*	9.8*	6.5*	4.3*
LRMMR-T**-*-DF-I-6(P)	6.4	1.0	18.7*	14*	21.8*	13.1*	9.8*	6.5*	4.3*
LRMZE-T**-*-DF-I-8(P)	8.9	1.0	13.4*	10.1*	15.7*	9.4*	7*	4.7*	3.1*

LRM-PT-M RIMiT series



stand



Light stand for RIMiT series

As corner lights for a showcase

Center-concentrated illumination inside the showcase enhances the appeal of products on display.



As a bedside reading light

Glare-free, dotless lighting that delivers optimal brightness.



Elevate the elegance with the RIMiT series luminaire

Made from high-transparency acrylic, the RIMiT Stand allows light to spread unobstructed. Compatible with fixtures up to 410mm, it effortlessly transforms into a stylish stand lamp.



A variety of 7 types of fixtures x 6 different light source colors



RIMiT stand

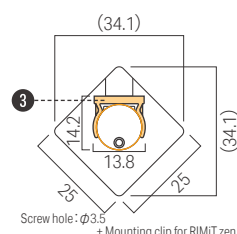
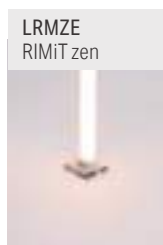
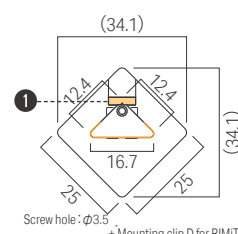
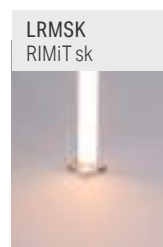
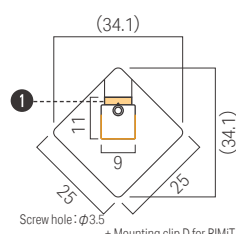
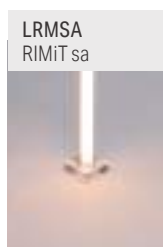
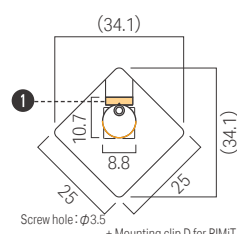
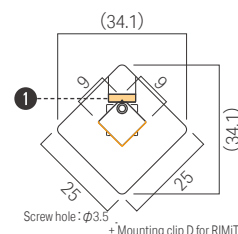
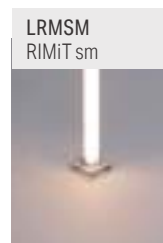
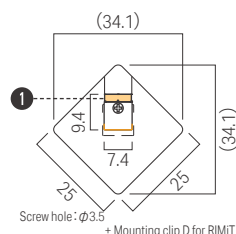
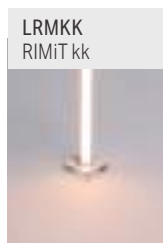
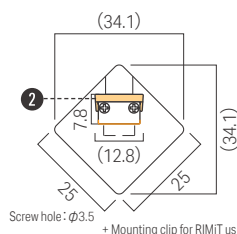
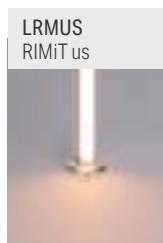
Model No : LRM-PT-M

More detail



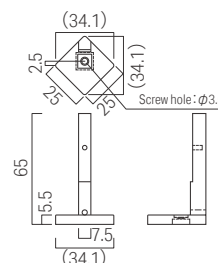
- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

Compatible RIMiT fixtures Top views of RIMiT stand with luminaires (S=1:2)



It is recommended that RIMiT Series lighting fixtures with RIMiT Stand, be configured with a one-end, open-ended lead wire of at least 1 meter to facilitate easier wiring installation.

Stand_External dimension



Compatible clips



- ① Mounting clip D for RIMiT
Model No : LRM-PT-D
5 pcs /1 bag

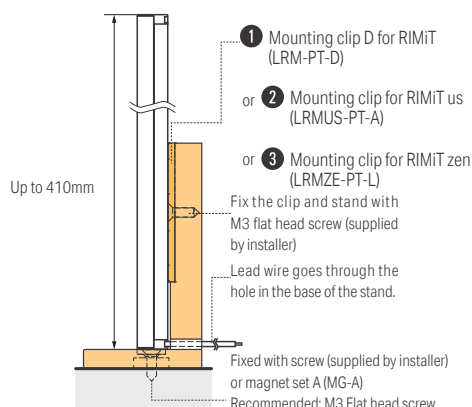


- ② Mounting clip for RIMiT us
Model No : LRMS-PT-A
5 pcs /1 bag



- ③ Mounting clip for RIMiT zen
Model No : LRMZE-PT-L
5 pcs /1 bag

Installation instructions for RIMiT stand



Magnet mounting available



- ④ Magnet Set A
Model No : MG-A
To fix the stand on metal plate (supplied by installer) with the magnet

- The maximum length of fixture that can be used with a stand is 410mm.
- Make sure to use M3 flat head screws or magnet sets (MG-A) to secure the fixture in place.

- Securely fasten the stand to a sturdy surface using screws or magnets. Incomplete fixation can cause the fixture to tip over, posing a risk of injury.
- Ensure that the luminaire, clip and stand are secured.

LRO

Application

Cornice



Shinpuro
Location: Japan Architect Office, Lighting Design: RIADO Sachiko Horiuchi Construction: Karugane Yoichi Architect Photo: Photographer Ohta Takashi

Mirror



The Prince Gallery Tokyo Kiocho
Location: Japan Architect office: Nikken Sekkei Ltd Interior design: Rockwell Group, Europ Lighting design: Lighting Planners Associates Construction: KAJIMA CORPORATION / TEKKEN CORPORATION / Kumagai Gumi Co., Ltd. Consortium Photo: TOSHIO KANEKO

Cornice



EMPIRE Prestige Causeway Bay
Location: Hong Kong Client: Asia Standard Hotel Group Ltd. Interior design: atelier ikebuchi

Cornice



Mia Saigon, Luxury Collection Hotel
Location: Vietnam Lighting design: LUMINO DESIGN



Luci EFRO IP65

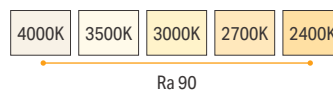
Double waterproof and moisture-proof structure, suitable for shower rooms and landscapes. Round shape with high efficiency 8.4W/m 600lm/m with adjustable clip for cove light and aluminum channel for surface wall mount

Specifications

Dimensions

Cross section	W 25 x H 36 mm including clip
Standard length	5 types of fixed length
	1142 862
	582 302 162

Color temperature



Electrical & Output

Power Consumption (W/m)	8.4
Luminous flux @ 2700K (lm/m)	702

Accessories

Mounting crip for EFRO



Connectors can be put under LED fixture

Aluminium mounting rail for EFRO



Optional aluminum channel for surface wall mounting

Features

Adjustable angle for cove light



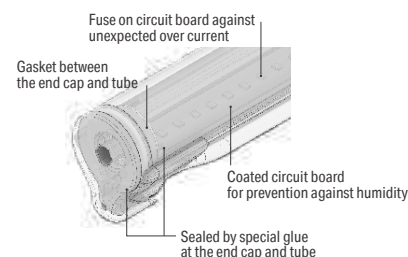
This round-shaped luminaire features high efficiency at 8.4W/m and 600lm/m, providing bright and uniform illumination. It includes an adjustable clip for cove lighting, allowing for flexible angle positioning, and an aluminum channel for surface wall mounting, ensuring secure and seamless installation in architectural and accent lighting applications.

High Color Rendering



It feature utilizes high CRI LEDs, ensuring accurate and vibrant color reproduction. This enhances visual clarity and detail, making it ideal for architectural, retail, and hospitality lighting where true-to-life colors are essential.

Weatherproof Specification



It features a splash-proof and steam-proof design with a gasket and special glue, making it highly resistant to moisture and humidity with a gasket and special glue. Having passed the Japanese humidity test, it ensures durability and reliable performance, making it ideal for bathrooms, spas, and other high-humidity environments.

Luci EFRO IP65

LRO

Color management
MacAdam 3 step



L90>B10
54K

- Steam-proof lighting that passed Japanese humidity test
- For bathroom or Spa usage
- Aluminium mounting rail for surface mount



Model No.

LRO	-	□□□□	-	□	-	DF	-	IW
Product Name	-	Length	-	Light source color	-	Cover type	-	Environment
LRO	-	0162 0302 0582 0862 1142	-	W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L24 : 2400K	-	DF : Diffuser	-	IW : IP65 (Indoor / Semi-outdoor)

Specification

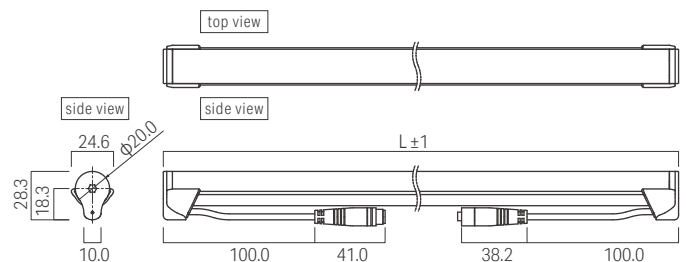
Length (Code)	0162	0302	0582	0862	1142
Length (mm)	162	302	582	862	1142
Wattage (W)	1.2	2.4	4.8	7.2	9.6
Weight (g)	62	100	172	234	310
Luminaire efficacy (lm/W) @2700K	90.3	90.3	90.3	90.3	90.3
Luman output					
Light source color(Code)	CRI	Luminaire flux (lm/m)			
W 4000K Ra94	100*	201*	401*	602	802*
WW 3500K Ra94	95*	191*	381*	572	862*
L30 3000K Ra93	86*	172*	344*	516	688*
L27 2700K Ra93	87*	174*	349*	523	697*
L24 2400K Ra94	83*	166*	331*	497	662*

General Specification

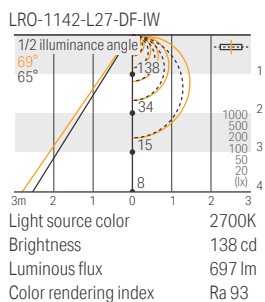
Input voltage	DC24V
Environment	Bathroom, semi-outdoor, Moistureproof (IP65) ^{*1}
Max. length per circuit	4.5m
Material (body)	Polycarbonate, PVC cable, IP65 connector
Material (cover, clip)	Polycarbonate
Material (mounting rail)	Aluminum
Certification	CE, Complied with JIS0920, IP65
Operating temperature	0°C ~ +35°C (No Condensation)
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi)

*1 Installing in a sauna, bathroom/shower room operated 24 hours a day is not allowed.

External dimensions



Light distribution curve

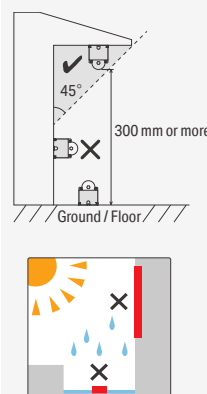


More detail



- Spec sheet
- Specification Drawing
- Product Drawing
- IES file
- Illuminance data
- Installation manual

Prohibited installation places:

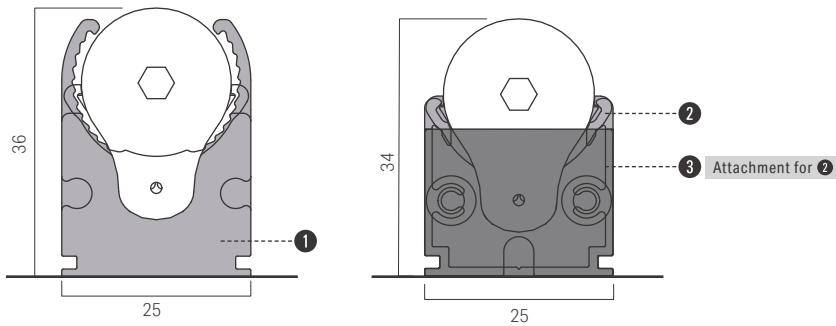


When using EFRO in semi-outdoor, it must be installed with the aluminum rail for EFRO. Please installed the LED fixture and the cable within the range of 45° eaves of the roof and 300 mm or more away from the ground or the floor. Please do not install the LED fixture and cables in the follow place:

- direct expose to water or pooling of water
- direct sunlight
- liquids including choline or chemicals
- high temperature and high humidity such as saunas and public bath
- coastal areas which are affected by sea spray

Caution
Do not cut the LED fixture and the lead wire of outdoor product at a job site. Please do appropriate treatment for the lead wire and connector of the terminal of outdoor LED fixture.

Cross sectional view with accessories



Accessories

1 Mounting clip for EFRO Attachment

Model No : LRO-PT-A

Attached with LED fixture

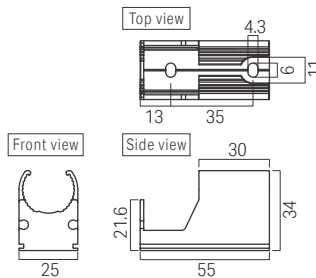
2 pcs for 582 mm or shorter

3 pcs for 862 mm or longer

5 pcs for 983mm to 1463mm

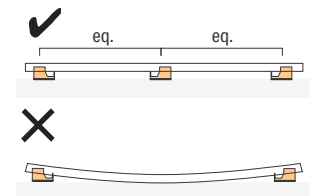
- Holding LED fixture at both ends
- Angle adjustable
- Connectors can be put under the LED fixture
- Material: Clear polycarbonate

For extra order, 3 pcs / bag



Cautions: Use accurate number of Mounting parts
Install 3pcs of Mounting clips at the middle and both edge sides of LED fixture if the LED fixture is longer than 862mm. Otherwise, the LED fixture will bow by its weight and may defect.

- Number of Mounting clips (LRO-PT-A)
- 2 pcs for 582 mm or shorter
- 3 pcs for 862 mm or longer



2 Aluminum mounting rail for EFRO ****

Model No : LRO-RL****-AL

****: Length (0164/0304/0584/0864/1144)

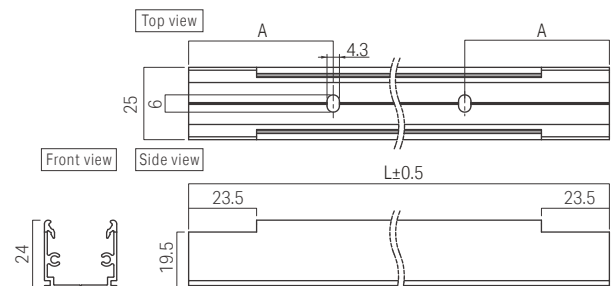
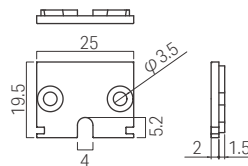
3 End cap for aluminum rail (2 pcs/bag) is included.

- For easy and quick installation: unnecessary to pre-align the clips
- Connectors can be put under LED fixture
- Material
- Rail: Aluminum, End cap: Semi-clear polycarbonate
- Delivered with the same length as the product (Length variation: 164mm, 304mm, 584mm, 864mm, 1144mm)

3 End cap for aluminum rail Attachment for 2

Model No : LRO-RL-EC

Screws (4 pcs of Flat head, M3L8) are included



Length	0164	0304	0584,0864,1144
A(mm)	30	50	100

4 Power supply cable 5M for AH1 connector OD3.5 Required

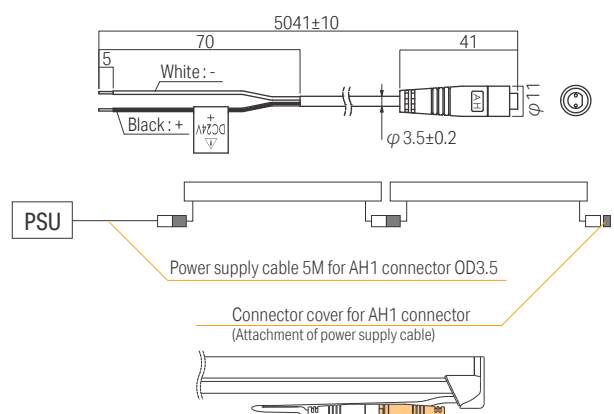
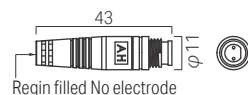
Model No : CAD-VA5000-FJNN-O

5 Connector cover for AH1 connector (1 pc/bag) is included

- Required for each circuit of LED fixture
- One side connector, one side bare wire
- 1 pcs of connector end cap (CC-MJ-O) is attached
- * to avoid water intrusion from the terminal connector of LED fixture

5 End cap for power supply cable Attachment for 4

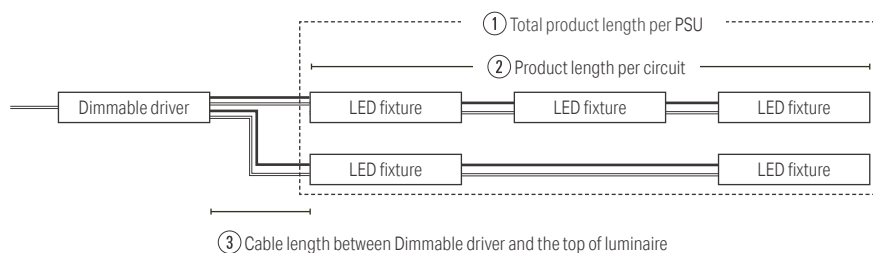
Model No : CC-MJ-O



Cautions: Waterproofing process for terminal connector

The unclosed connector at the terminal of LED fixture must be sealed with connector cover for AH1 connector which is attached with power supply cable (CAD-VA5000-FJNN-O). Make sure to rotate the fastening part until no longer can rotate.

System configuration diagram



- ① Total product length per Dimmable driver depends on capacity of the Dimmable driver. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable driver and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)	Refer to
PX0408	140 × 50 × 26	P.234
DALI6010	168 × 39 × 30	P.234
DIM-S1L10V-0	175 × 56 × 28	P.232

Dimmable driver

Model No.	Size (mm) (L × W × H)	Refer to
PWM-200-24	195 × 68 × 39.5	P.233
PWM-120-24	191 × 63 × 37.5	P.233
PWM-90-24	171 × 63 × 37.5	P.233
PWM-60-24	150 × 53 × 35	P.233
PWM-40-24	150 × 53 × 35	P.233

Dimmer & Dimmable driver			PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
			DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
			* Split into multiple circuit						
LRO-**-DF-IW	8.4	4.5	14.2*	10.7*	16.6*	10*	7.5*	5*	3.3
			Cross section	0.3sq	0.5sq		0.75sq		
			Wiregauge	AWG22	AWG20		AWG18		
Model No.	Wattage (W/m)	② Max. length per circuit (m)	③ Max. cable length between PSU and the top of luminaire at ② Max. length per circuit (m)						
LRO-**-DF-IW	8.4	4.5	3.8	6		9.5			

Luci EFRO IP65

LRMCK
RIMAT 1k

LRMSM
RIMAT 5m

LRMSA
RIMAT 5a

LRMSK
RIMAT 5k

LRMMR
RIMAT 1m

LRWZE
RIMAT zen

LRM-P
RIMAT pendant

LRM-stand
RIMAT stand

LRO
EFRO

Dimmer

DC24V single color series _ Dimmer & Dimmable PSU list

		Dimmer & Dimmable PSU						Compatible Dimmer Controller
Product to be dimmed	Number of channel	Driver type	Input	Dimming signal type	IP rated	Model No.	Page	
DC24V single color series	1ch	C.V	DC	DMX	-	PX0408	P.234	-
				DALI	-	DALI6010	P.234	-
				0-10V/1-10V	-	DIM-S1L10V-0	P.232	Walldim 103E1
			AC	0-10V/DALI*	IP67	PWM-**-24	P.233	-

Connectable length per Dimmer & Dimmable PSU

				PX0408 (8A x 4ch)-Use 1ch only DALI6010 (10A x 1ch) DIM-S1L10V-0 (10A x 1ch) connectable up to 5A, when using 200W DC24V PSU as 60% load factor		PX0408 (8A x 4ch)-Use 1ch only DALI6010 (10A x 1ch) DIM-S1L10V-0 (10A x 1ch) connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	
		Output (W/m)	Max. length per circuit(m)	Connectable length per driver (m)	W (VA)	Connectable length per driver (m)	W (VA)
Vivoxy FLEX K IP67							
8 W/m	LVFK40-1000**-*-O-8	8	5	15	120	11.2	89.6
16 W/m	LVFK40-1000**-*-O-16	16	5	7.5	120	5.6	89.6
24 W/m	LVFK40-1000**-*-O-24	24	5	5	120	3.7	88.8
SHIN UQ FLEX, SHIN UQ FLEX α Indoor							
6.4 W/m	LFUY/LFUAY-T1000**-*-DL-*-6	6.4	5	18.7	119.7	14	89.6
10.8 W/m	LFUY/LFUAY-T1000**-*-DL-*-10	10.8	5	11.1	119.9	8.3	89.7
15.9 W/m	LFUY/LFUAY-T1000**-*-DL-*-15	15.9	5	7.5	119.3	5.6	89.1
20.7 W/m	LFUY/LFUAY-T1000**-*-DL-*-20	20.7	5	5.7	118	4.3	89.1
SHIN UQ FLEX, SHIN UQ FLEX α IP67							
5.9 W/m	LFUY/LFUAY-T1000**-*-DL-*-5	5.9	10	20.3	119.8	15.2	89.7
9.9 W/m	LFUY/LFUAY-T1000**-*-DL-*-9	9.9	10	12.1	119.8	9	89.1
14.9 W/m	LFUY/LFUAY-T1000**-*-DL-*-14	14.9	10	8	119.2	6	89.4
19.8 W/m	LFUY/LFUAY-T1000**-*-DL-*-19	19.8	7.5	6	118.8	4.5	89.1
SHIN UQ FLEX α mini Indoor							
2.1 W/m	LFUMAY-T1000**-*-DL-I-2	2.1	5	57.1	120	42.8	89.9
4.2 W/m	LFUMAY-T1000**-*-DL-I-4	4.2	5	28.5	119.7	21.4	89.9
6.4 W/m	LFUMAY-T1000**-*-DL-I-6	6.4	5	18.7	119.7	14	89.6
10.8 W/m	LFUMAY-T1000**-*-DL-I-10	10.8	5	11.1	119.9	8.3	89.7
15.9 W/m	LFUMAY-T1000**-*-DL-I-15	15.9	5	7.5	119.3	5.6	89.1
SHIN UQ FLEX α mini IP67							
2.1 W/m	LFUMAY-T1000**-*-DL-I-2	2.1	10	57.1	120	42.8	89.9
4.0 W/m	LFUMAY-T1000**-*-DL-I-4	4	10	30	120	22.5	90
5.9 W/m	LFUMAY-T1000**-*-DL-I-5	5.9	10	20.3	119.8	15.2	89.7
9.9 W/m	LFUMAY-T1000**-*-DL-I-9	9.9	10	12.1	119.8	9	89.1
14.9 W/m	LFUMAY-T1000**-*-DL-I-14	14.9	10	8	119.2	6	89.4
UQ FLEX SAUNA							
	LFUS-T1000**-*-DF-O	5.1	5.0	23.5	119.9	17.6	89.8
Rimit flex Indoor/IP65							
	LRF-T1000**-*-DF-I/O-9	9.7	4.0	12.3	119.4	9.2	89.3
Rimit flex-s Indoor/IP65							
	LRFS-T1000**-*-DF-I/O-4	4.5	4.0	26.6	119.7	20.0	90.0
SHIN FLEX							
7mm pitch							
2.1 W/m	LFY7-1000**-*-CL-I-2	2.1	5	57.1	120	42.8	89.9
4.2 W/m	LFY7-1000**-*-CL-I-4	4.2	5	28.5	119.7	21.4	89.9
6.4 W/m	LFY7-1000**-*-CL-I-6	6.4	5	18.7	119.7	14	89.6
10.8 W/m	LFY7-1000**-*-CL-I-10	10.8	5	11.1	119.9	8.3	89.7
15.9 W/m	LFY7-1000**-*-CL-I-15	15.9	5	7.5	119.3	5.6	89.1
18mm pitch							
2.9 W/m	LFY18-1000**-*-CL-I-2	2.9	5	41.3	119.8	31	89.9
4.9 W/m	LFY18-1000**-*-CL-I-4	4.9	5	24.4	119.6	18.3	89.7
6.9 W/m	LFY18-1000**-*-CL-I-6	6.9	5	17.3	119.4	13	89.7
10.8 W/m	LFY18-1000**-*-CL-I-10	10.8	5	11.1	119.9	8.3	89.7
12.7 W/m	LFY18-1000**-*-CL-I-12	12.7	5	9.4	119.4	7	88.9

If the total meter of fixture is longer than max length per circuit, please split into multiple circuits from PSU.

Specification may be subject to change without announcement. The optical data provided on the each product pages are for reference only; the data values are not guaranteed. Please use as reference materials for your planning.

Connectable length per Dimmer & Dimmable PSU

				PWM-200-24		PWM-120-24		PWM-90-24		PWM-60-24		PWM-40-24	
				*connect up to 140W as 70% load		*connect up to 84W as 70% load		*connect up to 63W as 70% load		*connect up to 42W as 70% load		*connect up to 28W as 70% load	
		Output (W/m)	Max. length per circuit(m)	Connectable length per driver (m)	W (VA)	Connectable length per driver (m)	W (VA)	Connectable length per driver (m)	W (VA)	Connectable length per driver (m)	W (VA)	Connectable length per driver (m)	W (VA)
Vivoxy FLEX K IP67													
8 W/m	LVFK40-1000***-DL*-8	8	5	17.5	140	10.5	84	7.8	62.4	5.2	41.6	3.5	28
16 W/m	LVFK40-1000***-DL*-16	16	5	8.7	139.2	5.2	83.2	3.9	62.4	2.6	41.6	1.7	27.2
24 W/m	LVFK40-1000***-DL*-24	24	5	5.8	139.2	3.5	84	2.6	62.4	1.7	40.8	1.1	26.4
SHIN UQ FLEX, SHIN UQ FLEX α Indoor													
6.4 W/m	LFUY/LFUAY-T1000***-DL*-6	6.4	5	21.8	139.5	13.1	83.8	9.8	62.7	6.5	41.6	4.3	27.5
10.8 W/m	LFUY/LFUAY-T1000***-DL*-10	10.8	5	12.9	139.3	7.7	83.2	5.8	62.6	3.8	41	2.5	27
15.9 W/m	LFUY/LFUAY-T1000***-DL*-15	15.9	5	8.8	139.9	5.2	82.7	3.9	62	2.6	41.3	1.7	27
20.7 W/m	LFUY/LFUAY-T1000***-DL*-20	20.7	5	6.7	138.7	4	82.8	3	62.1	2	41.4	1.3	26.9
SHIN UQ FLEX, SHIN UQ FLEX α IP67													
5.9 W/m	LFUY/LFUAY-T1000***-DL*-5	5.9	10	23.7	139.8	14.2	83.8	10.6	62.5	7.1	41.9	4.7	27.7
9.9 W/m	LFUY/LFUAY-T1000***-DL*-9	9.9	10	14.1	139.6	8.4	83.2	6.3	62.4	4.2	41.6	2.8	27.7
14.9 W/m	LFUY/LFUAY-T1000***-DL*-14	14.9	10	9.3	138.6	5.6	83.4	4.2	62.6	2.8	41.7	1.8	26.8
19.8 W/m	LFUY/LFUAY-T1000***-DL*-19	19.8	7.5	7	138.6	4.2	83.2	3.1	61.4	2.1	41.6	1.4	27.7
SHIN UQ FLEX α mini Indoor													
2.1 W/m	LFUMAY-T1000***-DL-I-2	2.1	5	66.6	139.9	40	84	30	63	20	42	13.3	27.9
4.2 W/m	LFUMAY-T1000***-DL-I-4	4.2	5	33.3	139.9	20	84	15	63	10	42	6.6	27.7
6.4 W/m	LFUMAY-T1000***-DL-I-6	6.4	5	21.8	139.5	13.1	83.8	9.8	62.7	6.5	41.6	4.3	27.5
10.8 W/m	LFUMAY-T1000***-DL-I-10	10.8	5	12.9	139.3	7.7	83.2	5.8	62.6	3.8	41	2.5	27
15.9 W/m	LFUMAY-T1000***-DL-I-15	15.9	5	8.8	139.9	5.2	82.7	3.9	62	2.6	41.3	1.7	27
SHIN UQ FLEX α mini IP67													
2.1 W/m	LFUMAY-T1000***-DL-I-2	2.1	10	66.6	139.9	40	84	30	63	20	42	13.3	27.9
4.0 W/m	LFUMAY-T1000***-DL-I-4	4	10	35	140	21	84	15.7	62.8	10.5	42	7	28
5.9 W/m	LFUMAY-T1000***-DL-I-5	5.9	10	23.7	139.8	14.2	83.8	10.6	62.5	7.1	41.9	4.7	27.7
9.9 W/m	LFUMAY-T1000***-DL-I-9	9.9	10	14.1	139.6	8.4	83.2	6.3	62.4	4.2	41.6	2.8	27.7
14.9 W/m	LFUMAY-T1000***-DL-I-14	14.9	10	9.3	138.6	5.6	83.4	4.2	62.6	2.8	41.7	1.8	26.8
UQ FLEX SAUNA													
	LFUS-T1000***-DF-O	5.1	5	27.4	139.7	16.4	83.6	12.3	62.7	8.2	41.8	5.4	27.5
Rimit flex Indoor/IP65													
	LRF-T1000***-DF-I-9	9.7	4	14.4	139.7	8.6	83.4	6.4	62.1	4.3	41.7	2.8	27.2
Rimit flex-s Indoor/IP65													
	LRFS-T1000***-DF-I-4	4.5	4	31.1	140	18.6	83.7	14	63	9.3	41.9	6.2	27.9
SHIN FLEX													
7mm pitch													
2.1 W/m	LFY7-1000***-CL-I-2	2.1	5	66.6	139.9	40	84	30	63	20	42	13.3	27.9
4.2 W/m	LFY7-1000***-CL-I-4	4.2	5	33.3	139.9	20	84	15	63	10	42	6.6	27.7
6.4 W/m	LFY7-1000***-CL-I-6	6.4	5	21.8	139.5	13.1	83.8	9.8	62.7	6.5	41.6	4.3	27.5
10.8 W/m	LFY7-1000***-CL-I-10	10.8	5	12.9	139.3	7.7	83.2	5.8	62.6	3.8	41	2.5	27
15.9 W/m	LFY7-1000***-CL-I-15	15.9	5	8.8	139.9	5.2	82.7	3.9	62	2.6	41.3	1.7	27
18mm pitch													
2.9 W/m	LFY18-1000***-CL-I-2	2.9	5	48.2	139.8	28.9	83.8	21.7	62.9	14.4	41.8	9.6	27.8
4.9 W/m	LFY18-1000***-CL-I-4	4.9	5	28.5	139.7	17.1	83.8	12.8	62.7	8.5	41.7	5.7	27.9
6.9 W/m	LFY18-1000***-CL-I-6	6.9	5	20.2	139.4	12.1	83.5	9.1	62.8	6	41.4	4	27.6
10.8 W/m	LFY18-1000***-CL-I-10	10.8	5	12.9	139.3	7.7	83.2	5.8	62.6	3.8	41	2.5	27
12.7 W/m	LFY18-1000***-CL-I-12	12.7	5	11	139.7	6.6	83.8	4.9	62.2	3.3	41.9	2.2	27.9

If the total meter of fixture is longer than max length per circuit, please split into multiple circuits from PSU.

Dimmer & Power supply

Connectable length per Dimmer & Dimmable PSU

				PX0408 (8A x 4ch)-Use 1ch only DALI6010 (10A x 1ch) DIM-S1L10V-0 (10A x 1ch) connectable up to 5A, when using 200W DC24V PSU as 60% load factor		PX0408 (8A x 4ch)-Use 1ch only DALI6010 (10A x 1ch) DIM-S1L10V-0 (10A x 1ch) connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	
	Output (W/m)	Max. length per circuit(m)		Connectable length per driver (m)	W (VA)	Connectable length per driver (m)	W (VA)
SHIN FLEX α							
2.1 W/m	LFAY7-T1000*-CL-I-2	2.1	5	57.1	120	42.8	89.9
4.2 W/m	LFAY7-T1000*-CL-I-4	4.2	5	28.5	119.7	21.4	89.9
6.4 W/m	LFAY7-T1000*-CL-I-6	6.4	5	18.7	119.7	14	89.6
10.8 W/m	LFAY7-T1000*-CL-I-10	10.8	5	11.1	119.9	8.3	89.7
15.9 W/m	LFAY7-T1000*-CL-I-15	15.9	5	7.5	119.3	5.6	89.1
FLEX α F Indoor/IP65							
	LFX10-1000*-CL-*	4.2	5	28.5	119.7	21.4	89.9
SHIN RECTA							
10.7 W/m	LREY-1003*-DF-I-10	10.1	5	11.8	119.2	8.9	89.9
21.5 W/m	LREY-1003*-DF-I-21	21.5	5	5.5	118.3	4.1	88.2
31.6 W/m	LREY-1003*-DF-I-31	31.6	3	3.8	118.6	2.8	87.4
SHIN Creide, SHIN Creide lens							
10.7 W/m	LCELY or LCEY-1010*-DF-I-10	10.7	5	11.2	119.9	8.4	89.9
15.8 W/m	LCELY or LCEY-1010*-DF-I-15	15.8	5	7.5	118.5	5.6	88.5
SHIN silux, SHIN silux wide							
2.1 W/m	LSXY or LSXWY-1010*-DF-I-2	2.1	6	57.1	120	42.8	89.9
4.2 W/m	LSXY or LSXWY-1010*-DF-I-4	4.2	6	28.5	119.7	21.4	89.9
6.4 W/m	LSXY or LSXWY-1010*-DF-I-6	6.4	6	18.7	119.7	14	89.6
10.8 W/m	LSXY or LSXWY-1010*-DF-I-10	10.8	6	11.1	119.9	8.3	89.7
15.9 W/m	LSXY or LSXWY-1010*-DF-I-15	15.9	5	7.9	119.3	5.9	89.1
RIMiT us, kk, sm, mr, sa, sk							
6.4 W/m	LRM_-T1008***-DF-I-6	6.4	3.5	18.7	119.7	14	89.6
8.6 W/m	LRM_-T1008***-DF-I-8	8.6	3.5	13.9	119.6	10.4	89.5
RIMiT zen							
	LRMZE-T1009***-DF-I-8	8.9	1	13.4	119.3	10.1	89.9
RIMiT hs							
	LRMHS-T1008***-DF-I-4	4.5	3.5	26.6	119.7	20	90
EFRO IP65							
	LRO-1142*-DF-IW	8.4	4.5	14.2	119.3	10.7	89.9

Dynamic white series _ Dimmer & Dimmable PSU list

		Dimmer & Dimmable PSU						
Product to be dimmed	Number of channel	Driver type	Input	Dimming signal type	IP rated	Model No.	Page	Compatible Dimmer Controller
DC24V Dynamic white series	2ch	C.V	DC	0-10V/1-10V	-	DIM-S2L8V-0	P.235	Walldim 202

Connectable length per Dimmer & Dimmable PSU

				DIM-S2L8V-0 (8A x 2ch. MAX) connectable up to 5A, when using 200W DC24V PSU as 60% load factor		DIM-S8L8V-0 (8A x 2ch. MAX) connectable up to 3A, when using 150W DC24V PSU as 60% load factor	
	Output (W/m)	Max. length per circuit(m)		Connectable length per driver (m)	W (VA)	Connectable length per driver (m)	W (VA)
SHIN FLEX THOF							
2.1 W/m	LFTHY7-T1000*-CL-I-2	2.1	5	57.1	120	42.8	89.9
4.2 W/m	LFTHY7-T1000*-CL-I-4	4.2	5	28.5	119.7	21.4	89.9
6.4 W/m	LFTHY7-T1000*-CL-I-6	6.4	5	18.7	119.7	14	89.6
10.8 W/m	LFTHY7-T1000*-CL-I-10	10.8	5	11.1	119.9	8.3	89.7
15.9 W/m	LFTHY7-T1000*-CL-I-15	15.9	5	7.5	119.3	5.6	89.1
SHIN THOF							
10.1 W/m	LTHY-1003*-DF-I-10	10.1	5	11.8	119.2	7.1	71.8
21.5 W/m	LTHY-1003*-DF-I-21	21.5	5	5.5	118.3	3.3	71.0
31.6 W/m	LTHY-1003*-DF-I-31	31.6	3	3.7	117	2.2	69.6
SHIN Creide THOF							
10.7 W/m	LCETHY-1010*-DF-I-10	10.7	5	11.2	119.9	6.7	71.7
21.5 W/m	LCETHY-1010*-DF-I-21	21.5	5	5.5	118.3	3.3	70

If the total meter of fixture is longer than max length per circuit, please split into multiple circuits from PSU.

Specification may be subject to change without announcement. The optical data provided on the each product pages are for reference only; the data values are not guaranteed. Please use as reference materials for your planning.

Connectable length per Dimmer & Dimmable PSU

				PWM-200-24		PWM-120-24		PWM-90-24		PWM-60-24		PWM-40-24	
				*connect up to 140W as 70% load		*connect up to 84W as 70% load		*connect up to 63W as 70% load		*connect up to 42W as 70% load		*connect up to 28W as 70% load	
Output (W/m)	Max. length per circuit(m)	Connectable length per driver (m)	W (VA)	Connectable length per driver (m)	W (VA)	Connectable length per driver (m)	W (VA)	Connectable length per driver (m)	W (VA)	Connectable length per driver (m)	W (VA)	Connectable length per driver (m)	W (VA)
SHIN FLEX α													
2.1 W/m	LFAY7-T1000*-CL-I-2	2.1	5	66.6	139.9	40	84	30	63	20	42	13.3	27.9
4.2 W/m	LFAY7-T1000*-CL-I-4	4.2	5	33.3	139.9	20	84	15	63	10	42	6.6	27.7
6.4 W/m	LFAY7-T1000*-CL-I-6	6.4	5	21.8	139.5	13.1	83.8	9.8	62.7	6.5	41.6	4.3	27.5
10.8 W/m	LFAY7-T1000*-CL-I-10	10.8	5	12.9	139.3	7.7	83.2	5.8	62.6	3.8	41	2.5	27
15.9 W/m	LFAY7-T1000*-CL-I-15	15.9	5	8.8	139.9	5.2	82.7	3.9	62	2.6	41.3	1.7	27
FLEX α F Indoor/IP65													
	LFX10-1000*-CL*	4.2	5	33.3	139.9	20	84	15	63	10	42	6.6	27.7
SHIN RECTA													
10.7 W/m	LREY-1003-DF-I-10	10.1	5	13.8	139.4	8.3	83.8	6.2	62.6	4.1	41.4	2.7	27.3
21.5 W/m	LREY-1003-DF-I-21	21.5	5	6.5	139.8	3.9	83.9	2.9	62.4	1.9	40.9	1.3	28
31.6 W/m	LREY-1003-DF-I-31	31.6	3	4.4	137.3	2.6	81.1	2	62.4	1.3	40.6	0.8	25
SHIN Creide, SHIN Creide lens													
10.7 W/m	LCELY or LCEY-1010*-DF-I-10	10.7	5	13	139.1	7.8	83.5	5.8	62.1	3.9	41.7	2.6	27.8
15.8 W/m	LCELY or LCEY-1010*-DF-I-15	15.8	5	8.8	139	5.3	83.7	3.9	61.6	2.6	41.1	1.7	26.9
SHIN silux, SHIN silux wide													
2.1 W/m	LSXY or LSXWY-1010*-DF-I-2	2.1	6	66.6	139.9	40	84	30	63	20	42	13.3	27.9
4.2 W/m	LSXY or LSXWY-1010*-DF-I-4	4.2	6	33.3	139.9	20	84	15	63	10	42	6.6	27.7
6.4 W/m	LSXY or LSXWY-1010*-DF-I-6	6.4	6	21.8	139.5	13.1	83.8	9.8	62.7	6.5	41.6	4.3	27.5
10.8 W/m	LSXY or LSXWY-1010*-DF-I-10	10.8	6	12.9	139.3	7.7	83.2	5.8	62.6	3.8	41	2.5	27
15.9 W/m	LSXY or LSXWY-1010*-DF-I-15	15.9	5	9.2	138.9	5.5	83.1	4.1	61.9	2.7	40.8	1.8	27.2
RIMiT us, kk, sm, mr, sa, sk													
6.4 W/m	LRMUS-T1008*-DF-I-6	6.4	3.5	21.8	139.5	13.1	83.8	9.8	62.7	6.5	41.6	4.3	27.5
8.6 W/m	LRMUS-T1008*-DF-I-8	8.6	3.5	16.2	139.3	9.7	83.4	7.3	62.8	4.8	41.3	3.2	27.5
RIMiT zen													
	LRMZE-T1009*-DF-I-8	8.9	3.5	15.7	139.7	9.4	83.7	7	62.3	4.7	41.8	3.1	27.6
RIMiT hs													
	LRMHS-T1008*-DF-I-4	4.5	3.5	31.1	140	18.6	83.7	14	63	9.3	41.9	6.2	27.9
EFRO IP65													
	LRO-1142*-DF-IW	8.4	4.5	16.6	139.4	10	84	7.5	63	5	42	3.3	27.7

Connectable length per Dimmer & Dimmable PSU

				PWM-200-24		PWM-120-24		PWM-90-24		PWM-60-24		PWM-40-24	
				*connect up to 140W as 70% load		*connect up to 84W as 70% load		*connect up to 63W as 70% load		*connect up to 42W as 70% load		*connect up to 28W as 70% load	
Output (W/m)	Max. length per circuit(m)	Connectable length per driver (m)	W (VA)	Connectable length per driver (m)	W (VA)	Connectable length per driver (m)	W (VA)	Connectable length per driver (m)	W (VA)	Connectable length per driver (m)	W (VA)	Connectable length per driver (m)	W (VA)
SHIN FLEX THOF													
2.1 W/m	LFTHY7-T1000*-CL-I-2	2.1	5	66.6	139.9	40	84	30	63	20	42	13.3	27.9
4.2 W/m	LFTHY7-T1000*-CL-I-4	4.2	5	33.3	139.9	20	84	15	63	10	42	6.6	27.7
6.4 W/m	LFTHY7-T1000*-CL-I-6	6.4	5	21.8	139.5	13.1	83.8	9.8	62.7	6.5	41.6	4.3	27.5
10.8 W/m	LFTHY7-T1000*-CL-I-10	10.8	5	12.9	139.3	7.7	83.2	5.8	62.6	3.8	41	2.5	27
15.9 W/m	LFTHY7-T1000*-CL-I-15	15.9	5	8.8	139.9	5.2	82.7	3.9	62	2.6	41.3	1.7	27
SHIN THOF													
10.1 W/m	LTHY-1003-DF-I-10	10.1	5	13.8	139.4	8.3	83.8	6.2	62.6	4.1	41.4	2.7	27.3
21.5 W/m	LTHY-1003-DF-I-21	21.5	5	6.5	139.8	3.9	83.9	2.9	62.4	1.9	40.9	1.3	28
31.6 W/m	LTHY-1003-DF-I-31	31.6	3	4.4	139	2.6	82.2	1.9	60	1.3	41.1	0.8	25.3
SHIN Creide THOF													
10.7 W/m	LCETHY-1010*-DF-I-10	10.7	5	13	139.1	7.8	83.5	5.8	62.1	3.9	41.7	2.6	27.8
21.5 W/m	LCETHY-1010*-DF-I-21	21.5	5	6.5	139.8	3.9	83.9	2.9	62.4	1.9	40.9	1.3	28

If the total meter of fixture is longer than max length per circuit, please split into multiple circuits from PSU.

Dimmer & Power supply

For DC24V single color series

DIM-S1L10V-0

Constant Voltage - Dimmable driver (DC input) - 1ch

0-10V/1-10V Driver 10A x 1ch

EUCHIPS



- Analog Signal driver, receive 0-10V/1-10V dimsingal.
- 1channel output, MAX 10A per 1ch.*Connectable 80% load=8A of LED
- Over-temperature protection

Specification

Product name	Dimmer Driver 0-10V/1-10V
Model No.	DIM-S1L10V-0
Input voltage	DC12 - 24V
Output channel	1ch MAX 10A per 1channel
Size (mm) (L × W × H)	175 × 56 × 28
Weight (g)	-
Usage enviroment	Indoors (no condensation)
Operating enviroment temprature	-

Wiring Diagram



Maximum wiring distance from A - A' is 10m/20m. Please refer to manuals of each product. Please check the maximum of connectable LED length in one series referring to the catalog page of each product. When the LED total length exceeds the maximum length in series, please connect by separating into several circuit. Twist shield cable is recommended to use as a signal cable.

For DC24V single color series

Walldim 103E1

Dimmer controller - 1ch

1-10V Dimmer Controller

EUCHIPS

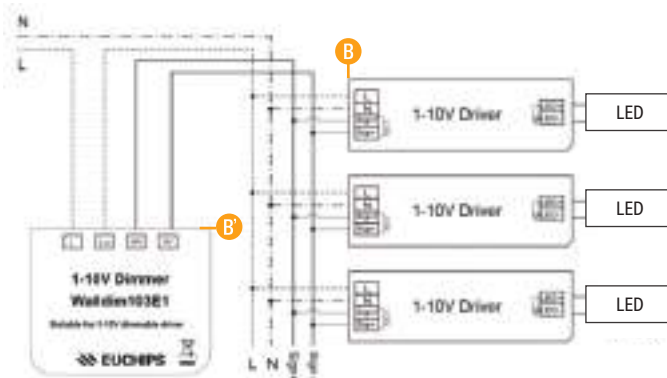


Specification

Product name	1-10V dimmer
Model No.	Walldim 103E1
Input voltage	200 - 240V
Output channel	1ch 10A
Size (mm) (L × W × H)	86 × 86 × 42
Weight (g)	140
Usage enviroment	Indoor(no condensation)
Operating enviroment temprature	-10°C - +55°C

- Analog Signal driver, receive 1-10V dimsingal.

Wiring Diagram



Maximum wiring distance from B - B' is 20m. Please check the maximum of connectable LED length in one series referring to the catalog page of each product. When the LED total length exceeds the maximum length in series, please connect by separating into several circuit. Twist shield cable is recommended to use as a signal cable.

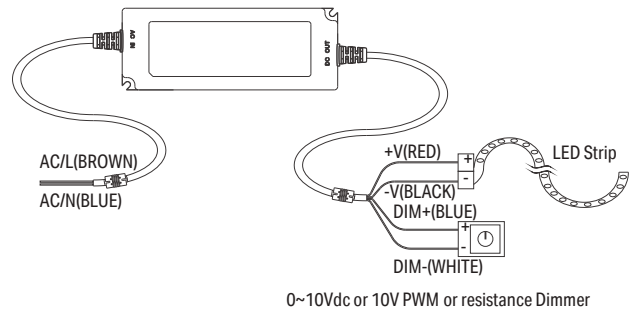


- DC 24V constant voltage dimmable power supply
- IP67 water proof
- 3in 1 dimming function 0-10V, PWM, resistance
- Available DALI-2 option in same family

More detail



Wiring Diagram

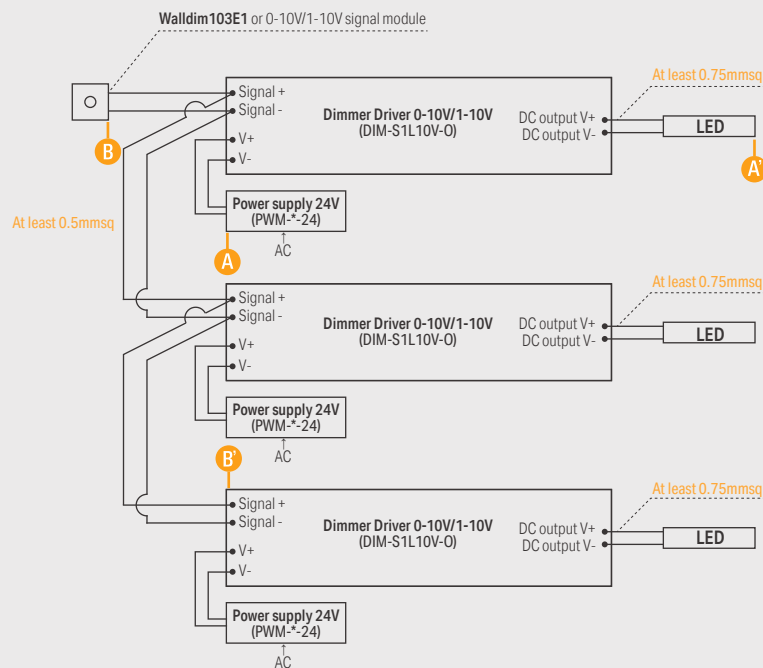


Specification

Product name	120W PWM 24V dimmable driver				
Model No.	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-25	PWM-40-26
Input voltage	142-431VDC				
Output channel	24V 8.3A	24V 5A	24V 3.75A	24V 2.5A	24V 1.67A
Size (mm) (L × W × H)	195 × 68 × 39.5	191 × 63 × 37.5	171 × 63 × 37.5	150 × 53 × 35	150 × 53 × 35
Weight (kg)	1.03	0.97	0.77	0.49	0.49
IP rating	67				
Operating environment temperature	-45°C ~ +85°C				

Dimmed manually by Walldim103E1 or Dimmed with Control System

Cables → Supplied by the installer



Maximum wiring distance from **A** power supply to **A'** end of LED fixture is 10~20m, please refer to the specification page of each product..

Maximum dimming signal wiring distance from **B** to **B'** is 20m, connectable up to 20 pcs of DIM-S1L10V-0 in one dimming circuit

Please check the maximum of connectable LED length in one series referring to the catalog page of each product.

When the LED total length exceeds the maximum length in series, please connect by separating into several circuit.

Dimmer & Power supply

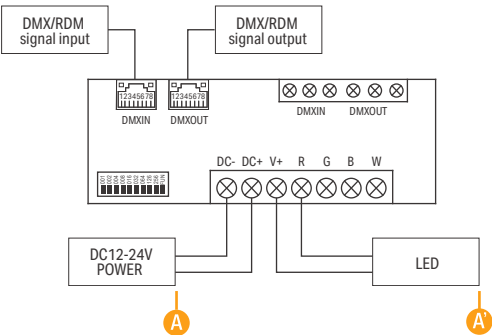


Specification

Product name	DMX Driver 8A*4ch
Model No.	PX0408
Input voltage	12V - 24V
Output channel	4ch * 8A
Size (mm) (L × W × H)	140 × 50 × 26
Weight (g)	240
Usage enviroment	Indoor(no condensation)
Operating enviroment temprature	-20°C - +50°C

- Meets DMX512/1990,RDM /2009 protocol
- Constant voltage output, the maximum current of 8A /ch for RGBW decoder
- 256 grade brightness adjustment
- Short-circuit protection,overload protection,over-temperature protection
- In DMX mode set the DMX address manually by switch; in RDM mode, the host computer address allocation

Wiring Diagram



Maximum wiring distance from A-A' depends on LED fixture. Please refer to manuals of each product. Please check the maximum of connectable LED length in one series referring to the catalog page of each product. When the LED total length exceeds the maximum length in series, please connect by separating into several circuit. Twist shield cable is recommended to use as a signal cable.

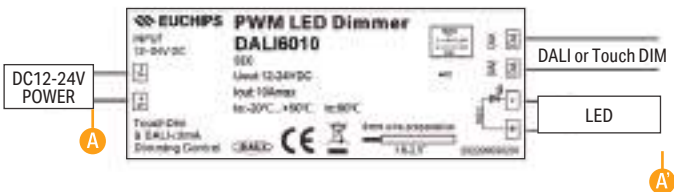


Specification

Product name	DALI Driver 10A*1ch
Model No.	DALI6010
Input voltage	12V - 24V
Output channel	1ch 10A
Size (mm) (L × W × H)	168 × 39 × 30
Weight (g)	124
Usage enviroment	Indoor(no condensation)
Operating enviroment temprature	-20°C - +50°C

- Single channel constant voltage output , 10A
- Meet DALI protocol IEC 62386
- Dimming range from 0.1-100%
- PWM digital dimming, no alter LED color rendering index
- Suitable for indoor LED lighting application
- Protections: Short circuit, over load, over temperature

Wiring Diagram



Maximum wiring distance from A - A' is 10m/20m.Please refer to manuals of each product. Please check the maximum of connectable LED length in one series referring to the catalog page of each product. When the LED total length exceeds the maximum length in series, please connect by separating into several circuit. Twist shield cable is recommended to use as a signal cable.



- Support 3-in-1 dimming function(0-10V/1-10V active signal, Adjustable resistance, PWM)
- Support dimming mode selection
- Support the short circuit, over current protection and alarm function
- Logarithmic dimming curve
- Built-in CCT adjust mode, the user can adjust color temperature without changing the output power
- For adjusting the brightness/ color temperature of LED strip

Wiring Diagram



Specification

Product name	Constant Voltage analogue Dimmer
Model number	DIM-S2L8V-0
Input voltage	12V - 24V
Output channel	2ch total 8A
Size (mm) (L × W × H)	167 × 51 × 23
Weight (g)	100
Usage enviroment	Indoor(no condensation)
Operating enviroment temprature	-20°C - +70°C

Connectable length per dimmerble driver (DIM-S2L8V)

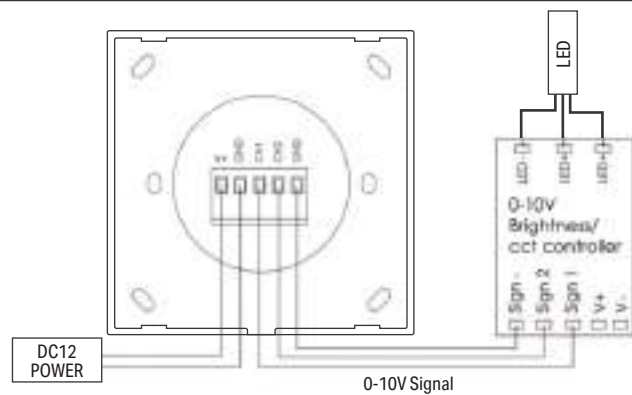
ex. when using 150W PSU, 60% load factor

Model No.	Output (W/m)	Max. length per circuit (m)	Connectable length per one driver (m)	W (VA)
LFPTH-1000--*CL-I	11	5	8.1*	89.1
LTH-1000-*DF-I	31.2	4	2.8	87.4



- Supply voltage of 12-15VDC
- Output 2 channels 0-10V analog dimming signal
- Can adjust brightness and color temperature of lamps
- Show the current brightness or color grades
- can be installed in compliance with DIN 49073 and 86 standard wall box

Wiring Diagram



Twist shield cable is recommended to use as a signal cable.

Specification

Product name	Multi-Function Touch Panel Controller
Model number	Walldim202
Input voltage	12V - 15V
Output channel	50mA 2ch
Size (mm) (L × W × H)	86 × 86 × 26
Weight (g)	140
Usage enviroment	Indoor(no condensation)
Operating enviroment temprature	-10°C - +40°C

Power supply

Model	Product name	Model No.	Max Load	Rating	Size (mm) (L×W×H)	note	
 	145W Single output Power supply	LPSOL-145	105W	85 - 264VAC	DC24V, 6.1A	63 × 55 × 222	
	75W Single output Power supply	LPSOL-075	52.5W		DC24V, 3.125A	50 × 52 × 258.6	- Luci Original Power supply - RoHAS, CISPR11, CISPR15 - Quiet JIS C8115 Sound Level
	30W Single output Power supply	LPSOL-030	21W		DC24V, 1.25A	35 × 38 × 250	

* Please read and follow the specification and the instruction manual issued by the manufacturer of controller and driver. The specification may be subject to change without prior notice.

Power supply selection method

Pay attention to the electrical capacity of the load (lamp) connected to the PSU.

For 15 to 150W, consumption of 70% of a full power or less by the load is typically assumed.

When using dimming driver, the load factor of the LED fixtures connected to the PSU is recommended 60% or less to reduce the possibility of occurrence of noise.

Example: Choosing power supply for 10pcs of Luci Power FLEX 20mm pitch

Luci SHIN FLEX 7mm pitch 6.4W/m * 10pcs = 64W

64W ÷ 70% (Load factor) = Approx. 91.4W

Select a 100W PSU.

Small noise may be emitted from the appliance and the dimmer while using the dimmer, but it is normal.

Load capacity of 60% is recommended to reduce noise.

Connecting to power supply

■ Cables used for connecting LED fixtures and PSU must be a suitable type and gauge.

■ The cable should be joined with a suitable terminal. Otherwise, the PSU will be broken.

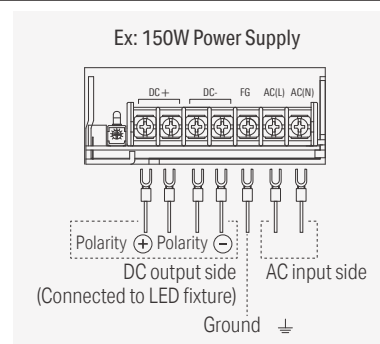
Please install appropriate environment according to specifications.

Caution: When using a long thin cable, the resistance of cable will increase. Voltage drop and heat accumulation may occur and result in brightness decreasing.

Caution: When separate one cable to multiple circuits in the same gauge, the current loading are collected on the junction of the branch circuit and it will be high temperature there. Please consider the loading of the PSU (quantity of LED fixture) and review the wiring system to avoid the above problem.

■ When connect the dimmer driver with power supply, unpredicted noise might occur. It is the characteristic of electronic devices, not a malfunction of the LED fixture.

Please choose an appropriate power supply and consider a place to install. Reducing the loading factor of LED fixture might improve the noise from the power supply, and the noise from LED fixtures might be improved by splitting the circuit of LED fixtures into multiple.





Luci Pte. Ltd.

CE Declaration of Conformity

Luci Pte. Ltd.

Singapore World HQ
13A Bukit Pasoh Road, Singapore 08982

We declare, Under our solo responsibility, that the product:

Product:

Luci SHIN FLEX
Luci SHIN FLEX α
Luci SHIN FLEX THOF
Luci SHIN UQ FLEX α mini
Luci SHIN UQ FLEX
Luci SHIN UQ FLEX α
Luci SHIN Creide
Luci SHIN Creide lens
Luci SHIN Creide THOF
Luci SHIN silux
Luci SHIN silux wide
Luci SHIN nano line
Luci SHIN RECTA
Luci SHIN THOF
Luci FLEX α F
Luci Vivoxy Graze
Luci Vivoxy Graze THOF
Luci EFRO
Luci Vivoxy FLEX K IP67
Luci UQ FLEX SAUNA

Model:

LFY*(1) -T*(2)*(3) -*(4)- CL - *(6) -*(7)
LFAY*(1) -T*(2)*(3) -*(4)- CL - *(6) -*(7)
LFTHY*(1) -T*(2)*(3) -*(4)- CL - *(6) -*(7)
LFUMAY-T*(2)*(3)*(11) -*(4)-DF-*(6)-*(7)
LFUY-T*(2)*(3)*(11) -*(4)-DF-*(6)-*(7)
LFUAY-T*(2)*(3)*(11) -*(4)-DF-*(6)-*(7)
LCEY-*(2)-*(4)-DF-I-*(7)
LCELY-*(2)-*(4)-DF-I-*(7)
LCETHY-*(2)-*(4)-DF-I-*(7)
LSXY-*(2)-*(4)-DF-I-*(7)
LSXWY-*(2)-*(4)-DF-I-*(7)
LNLY-*(2)-*(4)-DF-I-*(7)
LREY-*(2)-*(4)-DF-I-*(7)
LTHY-*(2)-*(4)-DF-I-*(7)
LFXF10-T*(2)*(3)-(4)-(5)-*(6)
LVV50-*(2)-*(4)-SP-I
LVVTH50-*(2)-NL27-SP-I
LRO-*(2)-*(4)-DF-IW
LVFK40-*(2)*(3)-(4)-(8)-O -*(7) -*(9)
LFUS-T*(2)*(3)*S -L27-DF-O

Product:

Luci RIMiT us
Luci RIMiT kk
Luci RIMiT sm
Luci RIMiT mr
Luci RIMiT sa
Luci RIMiT sk
Luci RIMiT zen
Luci RIMiT flex
Luci RIMiT flex-s
Luci RIMiT hs

Model:

LRMUS-T*(2)*(3) -*(4)-DF-I-*(7)*(10)
LRMKK-T*(2)*(3) -*(4)-DF-I-*(7)*(10)
LRMSM-T*(2)*(3) -*(4)-DF-I-*(7)*(10)
LRMMR-T*(2)*(3) -*(4)-DF-I-*(7)*(10)
LRMSA-T*(2)*(3) -*(4)-DF-I-*(7)*(10)
LRMSK-T*(2)*(3) -*(4)-DF-I-*(7)*(10)
LRMZE-T*(2)*(3) -*(4)-DF-I-8*(10)
LRF-T*(2)*(3) -*(4)-DF-*(6)-*(7)*(10)
LRFS-T*(2)*(3) -*(4)-DF-*(6)-*(7)*(10)
LRMHS-T*(2)*(3) -*(4)-DF-I-4*(10)

*(1) LED pitch
*(2) Length
*(3) Lead wire specifications-1
*(4) Light source color
*(6) Environment
*(7) Wattage
*(8) Beam angle
*(9) Body color
*(10) Connector
*(11) Lead wire specifications-2

Applied Harmonized Standards

EN 55015: 2013+A1: 2015 ; EN 61547: 2009 (IEC 61000-4-2:2008, IEC 61000-4-3:2006+A1:2007+A2:2010)

Electromagnetic Compatibility (EMC) Directive 2014/30/EU

Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment

Equipment for general lighting purposes - EMC immunity requirements

EN 62493 : 2015 (IEC 62493:2015)

Low voltage (LVD) Directive 2014/35/EU

Assessment of lighting equipment related to human exposure to electromagnetic fields

EN 60598-1 : 2015 (IEC 60598-1:2014 (Modified))

Low voltage (LVD) Directive 2014/35/EU

Luminaires - Part 1: General requirements and tests

EN 60598-2-20 : 2015 (IEC 60598-2-20:2014)

Low voltage (LVD) Directive 2014/35/EU

Luminaires - Part 2-20: Particular requirements - Lighting chains

Energy-related Products (ErP) Directive 2009/125/EC

RoHS

Are compliant with the threshold requirements of the European Union's on Use of Hazardous Substances Directive.

Authorized Representative

Luci Pte. Ltd.

Singapore World HQ

13A Bukit Pasoh Road, Singapore 089827

Signature:

Junko Kageyama

Attention

■ About Lifetime

With regard to the lifespan of our LEDs, we conduct rigorous testing in accordance with CE standards to measure the lifespan and failure rate of each product family. Please refer to the icon on each product page for more information. Please note that the lifespan specified here is based on test conditions and may vary depending on environmental factors, such as temperature, which cannot be guaranteed.

■ Optical data

Specification may be subject to change without announcement. The optical data provided on the each product pages are for reference only; the data values are not guaranteed. Please use as reference materials for your planning.

The calculation of "Luminaire efficacy (lm/W)" indicated in this catalog is "Luminaire efficacy (lm/W) = Total luminous flux (measured value) ÷ Power consumption (designed value)".

The "Light source color" indicated in this catalog and specification are the color code of the LED package, not the color temperature of the finished product.

Please contact us for further information of the CCT and CRI tolerance for each products.

■ LED Dimming and noise

When the dimming level is low, the following issues may be observed.

- LED doesn't turn on
- LED goes off for the sudden electricity decrease.
- Each LED may turn off at separate times when they are controlled by 1 dimmer.
- When connecting the dimmer driver with power supply, unpredicted noise might occur. It is a characteristic of electronic devices, not a malfunction of the LED fixture. Please choose an appropriate power supply and consider a place to install. Reducing the loading factor of LED fixture might improve the noise from the power supply while the noise for the LED fixtures might be improved by splitting the circuit of LED fixtures into multiple.

■ Effect of sulfur on LED

Please note that color temperature change, color unevenness, and illuminance reduction can occur due to the influence of sulfur even when used indoors. Some foods, chemicals, car exhaust gas contain sulfur ingredients.

■ Maintenance and Inspection

LED fixture has a life span. Degradation occurs inside after 8-10 years of installation even when the fixture looks fine from the outside. Parts of the LED fixture degrade due to heat when the light is on for a long time. This causes not only safety issues, but also reduces power efficiency and it is recommended to have regular maintenance and inspection.

Cleaning and inspection should be performed at least once every 6 months. Inspection by a specialist, such as a product contractor, should be performed at least once every 3 years.

If the LED fixture is used for a long time without having an inspection, there is a small possibility that it could lead to flaming, igniting, electric shock and the like.

Inspection Methods

1. Is LED operating normally?
2. Is there any unusual smell, sound or heat?
3. Are there any cracks, splits, or detached parts on any parts or joints?

Cleaning Methods

1. Lightly wipe the LED fixture with a soft cloth.
2. To best clean the LED fixture, wipe dirt with a soft cloth which has been soaked in a neutral detergent diluted with water and wrung firmly. To finish off, wipe it with a damp cloth and dry it.

■ Operating temperature

Unless otherwise stated in the user's manual or specification sheet, use the product at ambient temperatures between 0-35°C for indoor usage. For outdoor products, refer to the specification sheet and instruction manual since the operating ambient temperature varies depending on the product.

When temperature is higher than the data stated in the specification page, the lighting fixture may cause failure or malfunction.

■ Disposal of LED Lighting

Luci LED lighting and associated products sold by us must be disposed of as industrial waste, separately from household waste.

As for LED lighting itself, it can also be disposed of as general industrial waste, such as food loss, as it does not contain hazardous substances such as mercury. However, for specific disposal methods, it would be advisable to consult the respective national or local authorities, who will be able to guide you on the most appropriate way to dispose of these products.

■ Sales in Europe

Luci LED lighting complies with CE standards, but for European sales there are other regulations to comply with besides CE, so please contact us or our local distributor.

■ Safety of power supply usage

Ensure appropriate installation in accordance with the user's manual of the power supply. Do not use an indoor power supply in outdoors, since it may cause damage, electric shock, smoking, and fires.

When installing in a ceiling, ensure easy access for checkups.

There are also other regulations for power supply installation, and therefore installation work should follow the electric facility construction standards of each country.

■ For safe use of the controller/driver

- Effect on radio

When radio reception is weak, the product may cause noise.

In such cases, keep the product away from the radio, or use an outside antenna.

- Effect on audio/video signal

Audio/video signals such as those from broadcast facilities are weak, and may be affected by electromagnetic waves from the product.

Use shielded wire for audio/video signals, or keep adequate distance from a signal wire to a power wire.

- Effect on medical devices

Effects may be occur depending on site environment, type of medical device, and noise-resistant properties of some device. Please do not use where you have concern on this issue.

■ Notes for purchase

For product improvement, the specifications, appearance, and price are subject to change without prior notice.

Consumption tax is not included in the price.

For further detail conditions and terms for purchasing and warranty, please contact Luci sales.

■ Cautions

Please make sure to use correct power supply which match the input voltage written in manual. Otherwise, it may cause damage or fire.

When the product is installed or removed, please make sure the power already turned off.

Do not modify the product. It may cause damage, electrify, or fire.

Product Warranty

Warranty period

There shall be a warranty period for the products sold by BUYER by LUCI, which shall be for a period of the following period from the date issued the packing list to BUYER by Luci.

Three (3) years:

SHIN FLEX Indoor LFY*(1)-T*(2)*(3)-(4)-(5)-I-(7)
 FLEX α F Indoor / IP65: LFXF10-T*(2)*(3)-(4)-(5)-(6)
 Vivoxy Graze: LVV50-(2)-(4)-SP-I
 Vivoxy Graze THOF: LVVTH50-(2)-(4)-SP-I

Two (2) years:

Vivoxy FLEX K IP67: LVFK40-(2)*(3)-(4)-(8)-O-(7)-(9)
 SHIN UQ FLEX Indoor / IP67: LFUY-T*(2)*(3)-(4)-DF-(6)-(7)
 SHIN UQ FLEX α Indoor / IP67: LFUAY-T*(2)*(3)-(4)-DF-(6)-(7)
 SHIN UQ FLEX α mini Indoor / IP67: LFUMAY-(2)*(3)-(4)-DF-(6)-(7)
 SHIN FLEX IP65: LFY*(1)-T*(2)*(3)-(4)-CL-O-(7)
 SHIN FLEX α: LFAY7-T*(1)*(2)-(3)-CL-I-(7)
 SHIN FLEX THOF: LFAYTH7-(1)*(2)-(3)-CL-I-(7)
 SHIN RECTA: LREY-(2)-(4)-DF-I-(7)
 SHIN THOF: LTHY-(2)-(4)-DF-I-(7)
 SHIN Creide: LCEY-(2)-(4)-DF-I-(7)
 SHIN Creide lens: LCELY-(2)-(4)-DF-I-(7)
 SHIN Creide THOF: LCETHY-(2)-(4)-DF-I-(7)
 SHIN siux: LSXY-(2)-(4)-DF-I-(7)
 SHIN siux wide: LSXWY-(2)-(4)-DF-I-(7)
 EFRO IP65: LRO-(2)-(4)-DF-IW

One (1) year:

UQ FLEX SAUNA: LFUS-T*(2)*(3)-L27-DF-O
 RIMiT flex Indoor/ IP65: LRF-T*(2)*(3)-(4)-(5)-(6)-(7)
 RIMiT flex-s Indoor/ IP65: LRFS-T*(2)*(3)-(4)-(5)-(6)-(7)
 RIMiT hs: LRMHS-(2)-(4)-DF-I-4
 RIMiT us: LRMUS-(2)-(4)-DF-I-(7)
 RIMiT kk: LRMKK-(2)-(4)-DF-I-(7)
 RIMiT sm: LRMSM-(2)-(4)-DF-I-(7)
 RIMiT sa: LRMSA-(2)-(4)-DF-I-(7)
 RIMiT sk: LRMSK-(2)-(4)-DF-I-(7)
 RIMiT mr: LRMMR-(2)-(4)-DF-I-(7)
 RIMiT zen One end lead wire: LRMZE-SS-(3)-DF-I-8
 RIMiT zen Midpoint lead wire: LRMZE-SC-(3)-DF-I-4

Note: *(1) LED pitch *(2) Length *(3) Lead wire specifications *(4) Light source color *(5) Tube type or Cover type *(6) Environment *(7) Power consumption *(8) Beam angle *(9) Body color

Warranty detail

During the warranty period, if a product defect occurs despite installation according to the instruction manual, we will either replace or repair the product. Luci will not cover any construction costs related to the recall and replacement. If the usage time per day exceeds for more than 20 hours, the warranty period is half of the period mentioned above.

Disclaimer

In the cases below, the repair or the replacement of our Products are not free of charge.

1. Consumable goods, consumable parts, etc
2. Failure or damage due to misuse, unwarranted repairs or modifications
3. Failure or damage due to dropping, falling over, impacts and mishandling during shipping, storing or after delivery
4. Failure or damage due to fire, salt damage, gas damage (corrosive gas, combustible gas, etc.), organic solvents such as paint liquid, earthquake, storm and flood damage, lightning damage, abnormal voltage or other natural disasters
5. Failure or damage due to unsatisfactory constructions
6. Failure or damage by using an inappropriate power source
7. Failure and damage when using inappropriate power supply and LED driver
8. Failure including luminare, colour hue and colour temperature deterioration or yellowed main body due to aging or dirtiness
9. Failure or damage when the parts where connected to a power source or the connectors of the terminals are not insulated
10. "Failure and damage caused by rats, dogs, cats or other animals or insects"
11. Failure or damage when used in an installed environment or condition which is not advised or prohibited in the instruction manual of each product
12. Failure or damage when lead wire connected parts are not waterproofed properly for outside use
13. Failure or damage when product is altered except for cutting strip light for indoor usage
14. No warranty document
15. Some items in this warranty document are blank or words are rewritten
16. "Compensation for business loss, compensation or the like for indirect costs due to failure or damage of the product"
17. Failure or damage due to lack of maintenance work
18. Failure or damage caused by causes other than those mentioned above which cannot be attributed to Luci.

We shall not cover any indirect operation responsibility and remedy responsibility for the product damage or failure.

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