

THE CHOSEN ONES



DuraGreen®

The first part of the paper discusses the importance of understanding the cultural context of the research. It highlights the need for researchers to be sensitive to the values and beliefs of the communities they are studying. This is particularly important in the field of education, where cultural differences can significantly impact learning outcomes. The paper then moves on to discuss the challenges of conducting research in culturally diverse settings. It identifies several key challenges, including language barriers, differing research methodologies, and the potential for bias. The author argues that these challenges can be overcome through a combination of careful planning, open communication, and a willingness to learn from the community. The final part of the paper provides a series of recommendations for researchers. It emphasizes the importance of building trust with the community, using appropriate research methods, and being transparent about the research process. The author concludes by stating that while research in culturally diverse settings is challenging, it is also a rewarding and essential part of the academic journey.

THE CHOSEN ONES



DuraGreen®

DuraGreen is an innovative architectural lighting brand in the UK, specialising in crafting miniature lighting fixtures that blend style and functionality.

The Chosen Ones is a curated collection of products favoured by architects and designers across the globe. Our precision-engineered modular systems enable effortless bespoke configurations, ideal for luxury residences, high-end shops, and prestigious hospitality venues. With both finished goods and materials readily available at our Leicester, Athens, and Shenzhen facilities, we promise fast delivery times.

EN_Engaging Catalogue

With our interactive digital catalogue, accessing and sharing product resources has never been easier.

ES_Catálogo Interactivo

Con nuestro catálogo digital interactivo, acceder y compartir recursos de productos nunca ha sido tan fácil.

FR_Catalogue Interactif

Avec notre catalogue numérique interactif, accéder et partager des ressources produit n'a jamais été aussi facile.

PT_Catálogo Interativo

Com o nosso catálogo digital interativo, acessar e compartilhar recursos de produtos nunca foi tão fácil.

DE_Interaktiver Katalog

Mit unserem interaktiven digitalen Katalog war der Zugriff auf Produktressourcen und deren Teilen noch nie so einfach.

TR_Etkileşimli Katalog

Etkileşimli dijital katalogumuzla, ürün kaynaklarına erişim sağlamak ve paylaşmak hiç bu kadar kolay olmamıştı.

EL_Διαδραστικός Κατάλογος

Με τον διαδραστικό ψηφιακό κατάλόγό μας, η πρόσβαση και η κοινοποίηση πόρων προϊόντων δεν ήταν ποτέ πιο εύκολη.

ZH_互动目录

通过我们的互动数字目录，访问和分享产品资源从未如此简单。

JA_インタラクティブカタログ

私たちのインタラクティブなデジタルカタログを使えば、製品リソースへのアクセスや共有がこれまでになく簡単になります。

VI_Danh mục Tương tác

Với danh mục kỹ thuật số tương tác của chúng tôi, việc truy cập và chia sẻ tài nguyên sản phẩm chưa bao giờ dễ dàng hơn thế.

AR_كتالوج جذاب

مع كتالوجنا الرقمي التفاعلي، لم يكن من الأسهل من أي وقت مضى الوصول إلى موارد المنتجات ومشاركتها.

ACME STRAIGHT

Φ50 Engine Adjustable Round Downlight



view on website



bezel | baffle

Black Painted 9005 White Painted 9015

output: 50mm

Adjustable Optic

30°

Ø50x55

Ø50x55

IP Rating: IP20 and IP44 options
Optics: 15°/24°/36°
UGR: <10
CRI: 98Ra
Lifetime: >50,000 hrs (L70 B10)
CCT: 2700K/3000K/3500K/4000K/5000K/
2000K-3000K/1800K-4000K/2700K-6000K

Typical Source
Efficacy (lm/W): 110
Control: On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning: 2 Step MacAdams
Input: AC220-240V 50/60Hz
Output: DC 36V 100mA 4W
DC 36V 150mA 6W
DC 36V 200mA 8W
-20 °C to 45 °C

Ambient temp: -20 °C to 45 °C
Class: II
Optional accessories: Honeycomb louvre, Solite Lens, Spread Lens, Colour Filter
Colling Thickness: 9mm-28mm
Material: Fine aluminium 6063A
Fire resistance test: 60minutes

Beam Angle	Beam Diameter (mm)	Beam Area (m²)	Beam Length (m)
15°	125	0.012	0.35
24°	175	0.031	0.55
36°	225	0.063	0.85
48°	275	0.095	1.15
60°	325	0.133	1.45
72°	375	0.177	1.75
84°	425	0.226	2.05
96°	475	0.280	2.35
108°	525	0.339	2.65
120°	575	0.403	2.95
132°	625	0.472	3.25
144°	675	0.546	3.55
156°	725	0.625	3.85
168°	775	0.709	4.15
180°	825	0.797	4.45

Beam Angle: 15° 24° 36° 48° 60° 72° 84° 96° 108° 120° 132° 144° 156° 168° 180°

Beam Diameter (mm): 125 175 225 275 325 375 425 475 525 575 625 675 725 775 825

Beam Area (m²): 0.012 0.031 0.063 0.095 0.133 0.177 0.226 0.280 0.339 0.403 0.472 0.546 0.625 0.709 0.797

Beam Length (m): 0.35 0.55 0.85 1.15 1.45 1.75 2.05 2.35 2.65 2.95 3.25 3.55 3.85 4.15 4.45

1

EN_Scan the QR code to access the product page.

ES_Escanea el código QR para acceder a la página del producto.

FR_Scannez le code QR pour accéder à la page du produit.

PT_Escaneie o código QR para acessar a página do produto.

DE_Scannen Sie den QR-Code, um zur Produktseite zu gelangen.

TR_Ürün sayfasına erişmek için QR kodunu tarayın.

EL_Σαρώστε τον κωδικό QR για να αποκτήσετε πρόσβαση στη σελίδα προϊόντος.

ZH_扫描二维码访问产品页面。

JA_QRコードをスキャンして製品ページにアクセスします。

VI_Quét mã QR để truy cập trang sản phẩm.

AR_انقر على الرابط التشعبي للوصول إلى صفحة المنتج.

ACME STRAIGHT

Φ50 Engine Adjustable Round Downlight



view on website



bezel | baffle

Black Painted 9005 White Painted 9015

output: 50mm

Adjustable Optic

30°

Ø50x55

Ø50x55

IP Rating: IP20 and IP44 options
Optics: 15°/24°/36°
UGR: <10
CRI: 98Ra
Lifetime: >50,000 hrs (L70 B10)
CCT: 2700K/3000K/3500K/4000K/5000K/
2000K-3000K/1800K-4000K/2700K-6000K

Typical Source
Efficacy (lm/W): 110
Control: On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning: 2 Step MacAdams
Input: AC220-240V 50/60Hz
Output: DC 36V 100mA 4W
DC 36V 150mA 6W
DC 36V 200mA 8W
-20 °C to 45 °C

Ambient temp: -20 °C to 45 °C
Class: II
Optional accessories: Honeycomb louvre, Solite Lens, Spread Lens, Colour Filter
Colling Thickness: 9mm-28mm
Material: Fine aluminium 6063A
Fire resistance test: 60minutes

Beam Angle	Beam Diameter (mm)	Beam Area (m²)	Beam Length (m)
15°	125	0.012	0.35
24°	175	0.031	0.55
36°	225	0.063	0.85
48°	275	0.095	1.15
60°	325	0.133	1.45
72°	375	0.177	1.75
84°	425	0.226	2.05
96°	475	0.280	2.35
108°	525	0.339	2.65
120°	575	0.403	2.95
132°	625	0.472	3.25
144°	675	0.546	3.55
156°	725	0.625	3.85
168°	775	0.709	4.15
180°	825	0.797	4.45

Beam Angle: 15° 24° 36° 48° 60° 72° 84° 96° 108° 120° 132° 144° 156° 168° 180°

Beam Diameter (mm): 125 175 225 275 325 375 425 475 525 575 625 675 725 775 825

Beam Area (m²): 0.012 0.031 0.063 0.095 0.133 0.177 0.226 0.280 0.339 0.403 0.472 0.546 0.625 0.709 0.797

Beam Length (m): 0.35 0.55 0.85 1.15 1.45 1.75 2.05 2.35 2.65 2.95 3.25 3.55 3.85 4.15 4.45

2

EN_Click the hyperlink to access the product page.

ES_Haz clic en el hipervínculo para acceder a la página del producto.

FR_Cliquez sur le lien hypertexte pour accéder à la page du produit.

PT_Clique no hyperlink para acessar a página do produto.

DE_Klicken Sie auf den Hyperlink, um zur Produktseite zu gelangen.

TR_Ürün sayfasına erişmek için bağlantıya tıklayın.

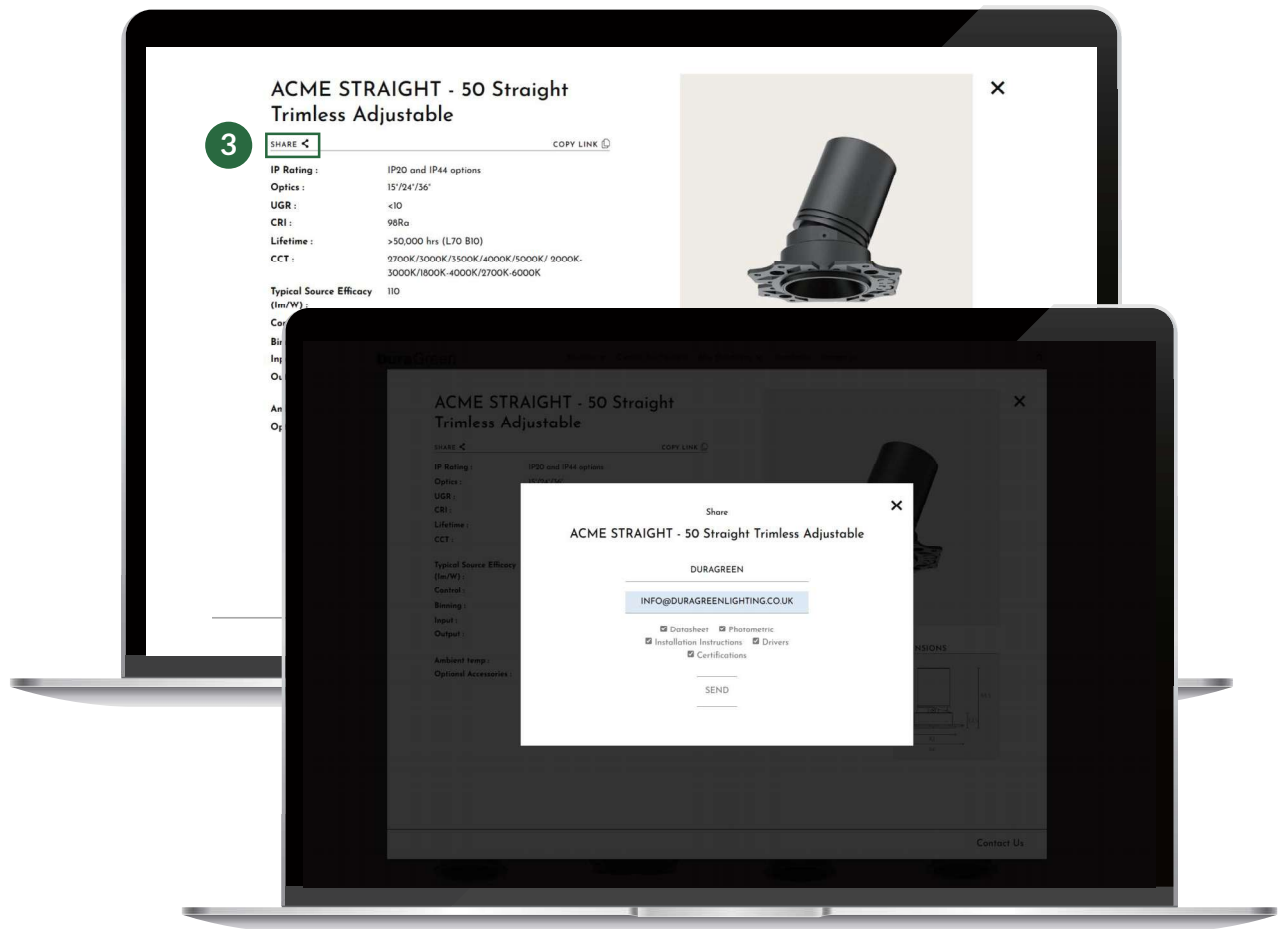
EL_Κάντε κλικ στον υπερσύνδεσμο για να αποκτήσετε πρόσβαση στη σελίδα προϊόντος.

ZH_点击超链接访问产品页面。

JA_ハイパーリンクをクリックして製品ページにアクセスします。

VI_Nhấp vào liên kết để truy cập trang sản phẩm.

AR_انقر على الرابط التشعبي للوصول إلى صفحة المنتج.



3

EN_Share the product resources by email

ES_Comparte los recursos del producto por correo electrónico.

FR_Partagez les ressources du produit par e-mail.

PT_Compartilhe os recursos do produto por e-mail.

DE_Teilen Sie die Produktressourcen per E-Mail.

TR_Ürün kaynaklarını e-posta ile paylaşın.

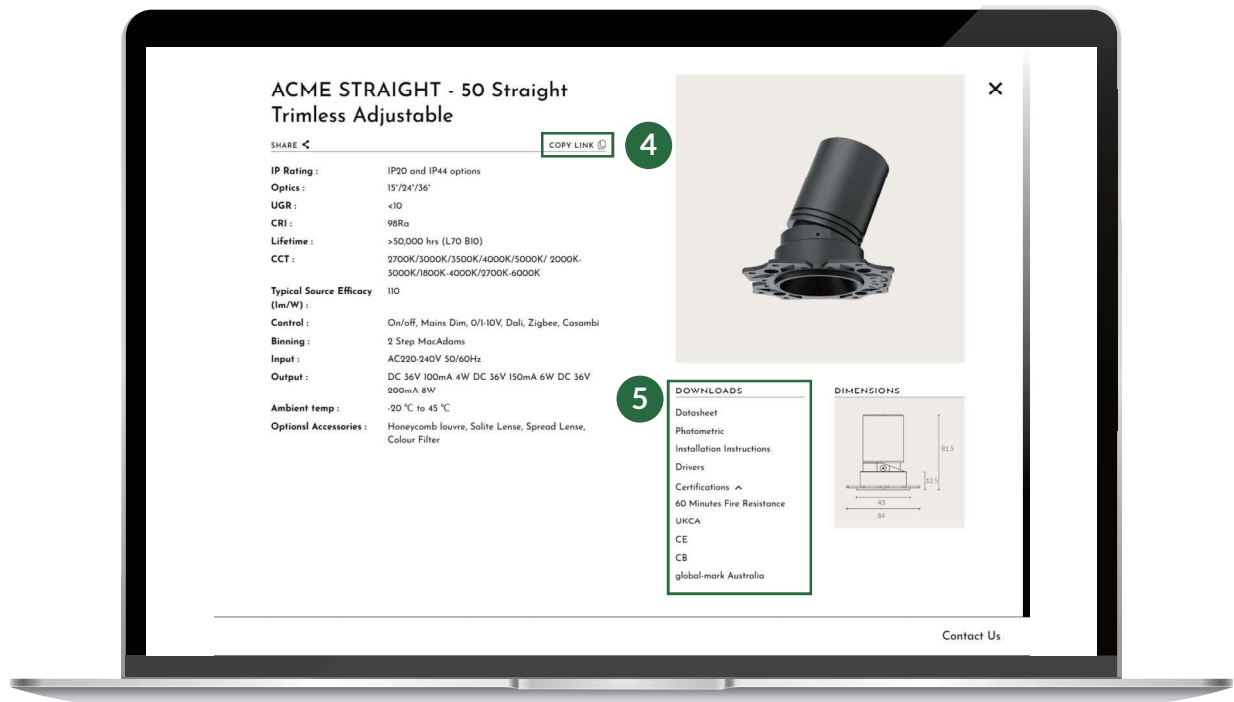
EL_Μοιραστείτε τους πόρους του προϊόντος μέσω email.

ZH_通过电子邮件分享产品资源。

JA_製品リソースをメールで共有します。

VI_Chia sẻ tài nguyên sản phẩm qua email.

AR_شارك موارد المنتج عبر البريد الإلكتروني



4

EN_Copy the product link and share it via instant messenger.

ES_Copia el enlace del producto y compártelo a través de un mensajero instantáneo.

FR_Copiez le lien du produit et partagez-le via un messenger instantané.

PT_Copie o link do produto e compartilhe-o via mensageiro instantâneo.

DE_Kopieren Sie den Produktlink und teilen Sie ihn über einen Instant Messenger.

TR_Ürün bağlantısını kopyalayın ve anlık mesajlaşma uygulamasıyla paylaşın.

EL_Αντιγράψτε το σύνδεσμο του προϊόντος και μοιραστείτε τον μέσω άμεσου μηνυτή.

ZH_复制产品链接并通过即时通讯工具分享。

JA_製品リンクをコピーして、インスタントメッセージで共有します。

VI_Sao chép liên kết sản phẩm và chia sẻ qua ứng dụng nhắn tin tức thì.

AR_انسخ رابط المنتج وشاركه عبر المراسلة الفورية.

5

EN_Download the product resources directly.

ES_Descarga los recursos del producto directamente.

FR_Téléchargez les ressources du produit directement.

PT_Baixe os recursos do produto diretamente.

DE_Laden Sie die Produktressourcen direkt herunter.

TR_Ürün kaynaklarını doğrudan indirin.

EL_Κατεβάστε τους πόρους του προϊόντος απευθείας.

ZH_直接下载产品资源。

JA_製品リソースを直接ダウンロードします。

VI_Tải xuống tài nguyên sản phẩm trực tiếp.

AR_قم بتنزيل موارد المنتج مباشرة.

SYSTEM 36

SYSTEM 50

SYSTEM 57

025

045

057

SYSTEM 68

SYSTEM 78

SYSTEM EVOLINE

079

099

115

SHOWCASE

125

SURFACE

131

LED STRIP

139

OUTDOOR

143

Bask in Luxury

Bask in Luxury

You see so much in only one day. Saturated by light and noise, it's easy to lose sight of the small things that enrich our lives, the little differences that leave a mark.

DuraGreen specialises in crafting discreet lighting fixtures that blend style and functionality to bring out the true value of any room. Our innovative products are elegant solutions that transform the feeling of your room, providing your desired ambiance.

Circularity in Style

Our light fixtures are made of the highest-quality metals, like pure aluminium and copper. Our process is precise and sustainable, creating circular stylish products that last longer.

British Heritage

Our products benefit from exceptional British craftsmanship. We transform premium materials into fine luxury goods that elevate any space.

INDEX

One installation frame, infinite possibilities

SYSTEM 36

Trimless



cutout :36mm

Mini-Trim



cutout :36mm

Mini-Trim



cutout :40mm



ACME
DOWNLIGHT STRAIGHT
P.29



BELLA
SPOTLIGHT ZOOMABLE
P.33



ARTFOCUS
SPOTLIGHT
P.37



BELLA
PENDANT ZOOMABLE
P.41



ACME
DOWNLIGHT STRAIGHT
P.27



ACME
PATH LIGHT
P.31



BELLA
SPOTLIGHT ZOOMABLE
P.35



ARTFOCUS
SPOTLIGHT
P.39



BELLA
PENDANT ZOOMABLE
P.43

INDEX

One installation frame, infinite possibilities

SYSTEM 50

Trimless



cutout :50mm

Mini-Trim



cutout :50mm



ACME
DOWNLIGHT CURVE
P.49



ACME
DOWNLIGHT CURVE
P.47



ACME
DOWNLIGHT SEMI
P.51



ACME
SPOTLIGHT IN/OUT
P.55



ACME
SPOTLIGHT IN/OUT
P.53

INDEX

One installation frame, infinite possibilities

SYSTEM 57

Trimless



cutout :57mm

Mini-Trim



cutout :57mm



ACME
DOWNLIGHT CURVE
P.61



ACME
DOWNLIGHT STRAIGHT
P.65



ACME
DOWNLIGHT CURVE
P.63



ACME
DOWNLIGHT STRAIGHT
P.55



ACME
DOWNLIGHT SEMI
P.67



ACME
DOWNLIGHT PINHOLE
P.71



ACME
DOWNLIGHT PINHOLE
P.69



ACME
SPOTLIGHT IN/OUT
P.77



ACME
DOWNLIGHT ALABASTER
P.73



ACME
SPOTLIGHT IN/OUT
P.75

INDEX

One installation frame, infinite possibilities

SYSTEM 68

Trimless



cutout :68mm

Mini-Trim



cutout :68mm



ACME
DOWNLIGHT CURVE
P.83



ACME
DOWNLIGHT SEMI
P.85



ACME
DOWNLIGHT CURVE
P.81



ACME
SPOTLIGHT IN/OUT
P.87



ACME
DOWNLIGHT WALL-WASHER
P.93



ACME
SPOTLIGHT IN/OUT
P.89



GLAMO
SPOTLIGHT ZOOMABLE
P.95



GLAMO
PENDANT ZOOMABLE
P.97



ACME
DOWNLIGHT WALL-WASHER
P.91

INDEX

One installation frame, infinite possibilities

SYSTEM 78

Trimless



cutout :78mm

Mini-Trim



cutout :78mm



ACME
DOWNLIGHT CURVE
P.103



ACME
DOWNLIGHT CURVE
P.101



ACME
DOWNLIGHT SEMI
P.105



BELLA ZOOM
DOWNLIGHT SHORT SNOOT
P.109



BELLA ZOOM
DOWNLIGHT SHORT SNOOT
P.107



BELLA ZOOM
DOWNLIGHT LONG SNOOT
P.113



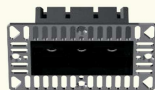
BELLA ZOOM
DOWNLIGHT LONG SNOOT
P.111

INDEX

SYSTEM EVOLINE

Trimless

Mini-Trim



EVOLINE
3 Spots Fixed Line
P.119



EVOLINE
6 Spots Fixed Line
P.123



EVOLINE
3 Spots Fixed Line
P.117



EVOLINE
6 Spots Fixed Line
P.121

INDEX

SHOWCASE



ULTRAFIN
Showcase
P127



ULTRAFIN
Showcase
P129

INDEX

SURFACE



ARTFOCUS
36 Micro Surface Fixed Spotlight
P.133



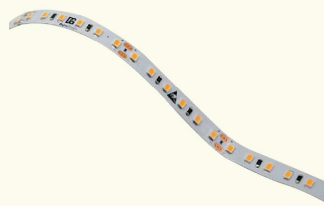
ARTFOCUS
36 Micro Surface Adjustable Spotlight
P.135



GLAMO
68 Surface Zoomable Spotlight
P.137

INDEX

LED STRIP



EVO-STRIP
LED Strip Full Spectrum
P141

INDEX

OUTDOOR



FOCUS
32 Outdoor Uplights
P.145



FOCUS
70 Outdoor Uplights
P.147



BELLA
Projector Zoomable
P.149

Our team takes great pride in offering the highest quality products to our discerning customers.

WESTIN®


Hilton

Radisson BLU
HOTELS & RESORTS


INTERCONTINENTAL

MÖVENPICK
HOTELS & RESORTS

THE CHEDI

MELIÄ


FOUR SEASONS

 **à la carte**
halong bay

CURIO
A COLLECTION BY HILTON®


GOLDEN TULIP
HOTELS • INNS • RESORTS


ST. REGIS


NOVOTEL
HOTELS & RESORTS


BENTLEY
HOME


VERSACE
CERAMICS

Minotti

FENDI
CASA

Poliform

schüller®

nobilis

LAUFEN


DAVITTORIO
Shanghai


STELLAR
WORKS


DRAENERT

Rimadesio

YELLOWKORNER

SAMSUNG

and more ...



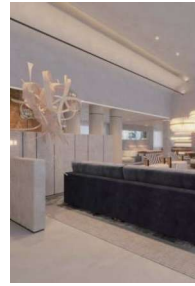
Bentley Home



VERSACE



Poliform



FENDI



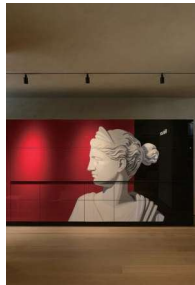
Stellar Works



Minotti



HUAWEI Smart Home



Valcucine



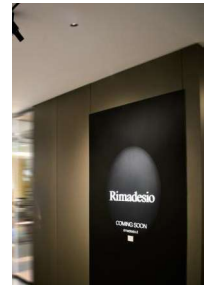
Schüller



Edra



Phinisi Boat Bali



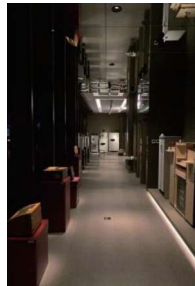
Rimadesio



MESTRE



PRADA



Agresti



DRAENER



Poltrona Frau



The Henderson



Londoner Hotel



Four Seasons Hotel



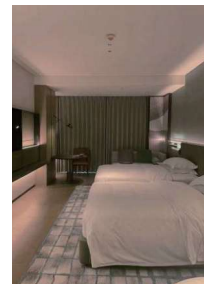
DA VITTORIO



YELLOWKORNER Art Gallery



Golden Tulip Hotel



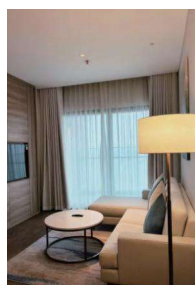
Hilton Hotel



Westin Hotel



The CHEDI Resort



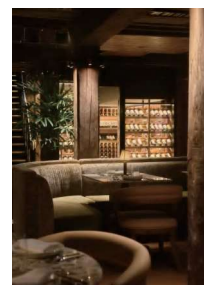
Alacarte Halong Bay Condotel



Curio Hotel by Hilton



Mandarin Oriental Hotel



The Collective

One installation frame, infinite possibilities

At DuraGreen, our products reflect a modular system approach. This simplifies lighting design while enhancing the visual appeal of any space with a uniform ceiling cutout. Customers have found this feature particularly helpful for solving lighting design errors on-site.

SYSTEM 36



SYSTEM 50



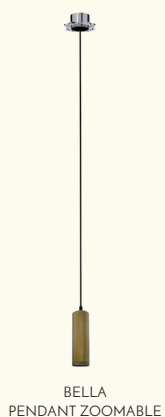
SYSTEM 57



SYSTEM 68



SYSTEM 78



Think art of light

Lighting is a key element in design that greatly influences mood, emotion, and ambiance. A high-quality lighting solution has the power to elevate your designs to a whole new realm. When designing our lighting creations, we bear in mind the profound impact of light and shadow on the overall atmosphere of a space.



DuraGreen project:
2046 Black Pearl restaurant





DuraGreen project:
VERSACE Showroom

Bespoke

At DuraGreen, our dedicated in-house team, the 'Bespoke Lab' is equipped with skilled engineers and advanced tools, including 3D printers, CNC mills, lathes, and testing instruments for UV, salt spray, waterproofing, and light. We collaborate closely with lighting designers, architects, and interior designers throughout the entire process, transforming their ideas into unique and tangible lighting solutions efficiently and reliably.



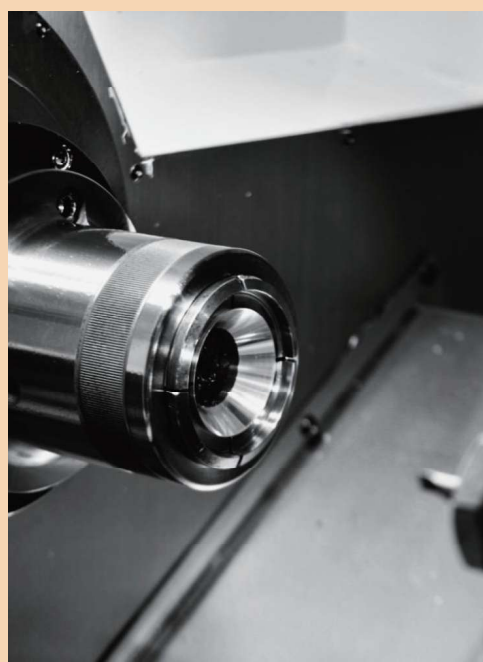
Collaborate | Katia Saliba | Architect



In-House Design



In-House 3D Models and Prototyping



In-House Production

Dedication to Excellence

Our steadfast commitment to design excellence and unwavering innovation ensures that we provide unrivaled solutions that not only meet, but surpass, the ever-evolving requirements of our clients.

Our dedication to excellence extends beyond our products. We pride ourselves on offering outstanding customer service, leveraging our strengths and decade of expertise to exceed our customers' expectations.



Craftsmanship

At DuraGreen, we take pride in our dedication to the art of craftsmanship. Almost all of our lighting fixtures are meticulously crafted with pure aluminium using masterful techniques, resulting in a flawless finish that exudes sophistication. Our commitment to luxurious aesthetics ensures that every product is a testament to both form and function.

DuraGreen is also renowned for its expertise in bespoke product design and manufacturing. Whether it is for a premium residential or commercial project, we are adept at creating tailor-made solutions that perfectly complement the unique requirements and vision of our clients.





DuraGreen is breaking the mould, providing an array of compact lighting fixtures that deliver both power and comfort.

These small lights seamlessly blend cutting-edge technology, practicality, and sleek design, creating a visually stunning addition to any space.



DuraGreen project:
Schüller Showroom



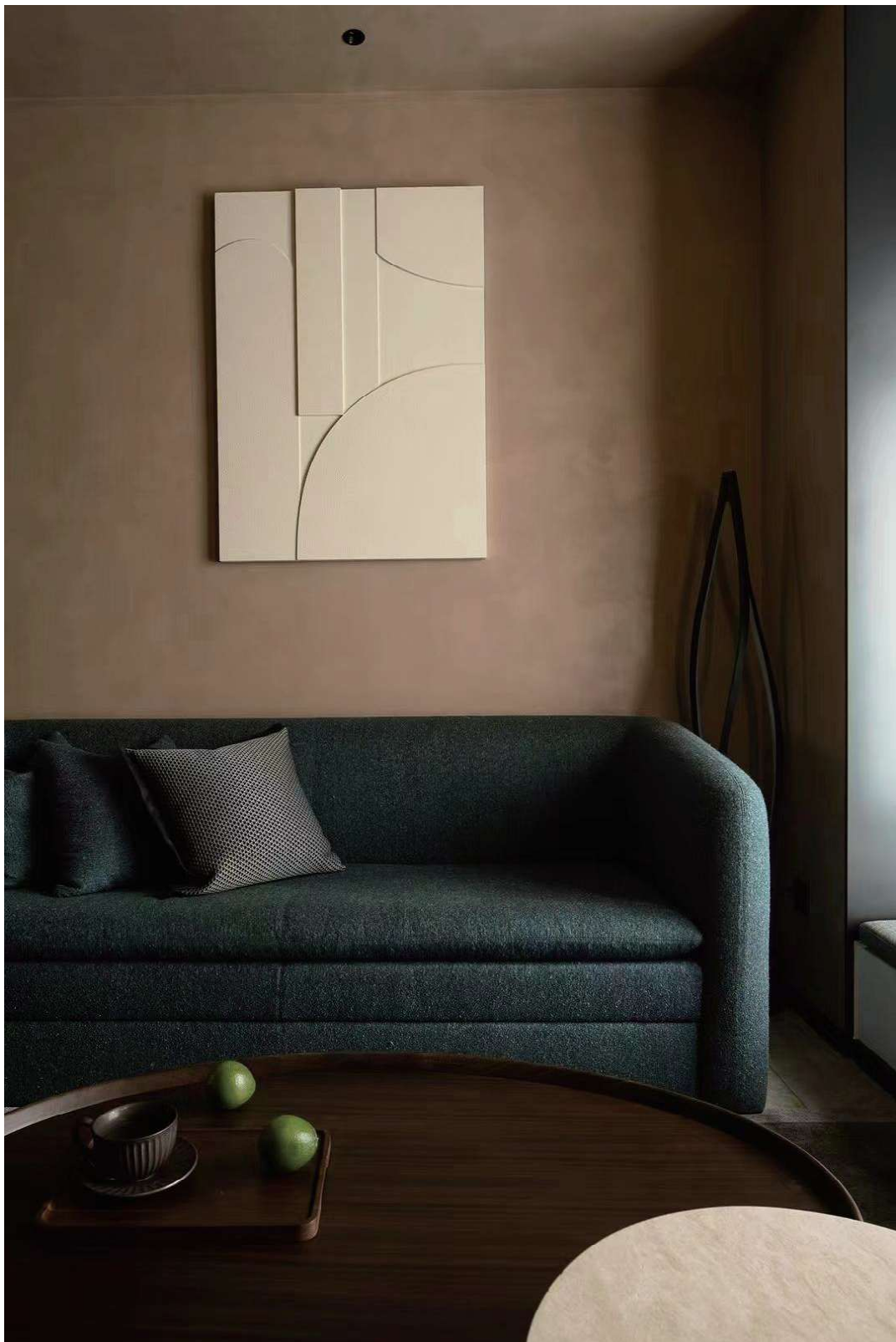
Think Small

Sustainable Future

Illuminating with purpose, we strive to bring light precisely where it is needed. By minimising the presence of extraneous lighting fixtures, we champion resource conservation and a more sustainable path. This commitment translates into reduced power consumption, lower maintenance requirements, and decreased energy costs.

In our quest for a greener future, every product we offer proudly embodies an environmentally friendly ethos. Together, we are playing our part in safeguarding the precious world we call home. But our endeavors do not stop there. We are diligently working towards supplying luminaries, informed by the Cradle to Cradle® principles, paving the way for a circular economy. With this innovative approach, we are forging a path towards a more sustainable and environmentally conscious future.





DuraGreen project:
Black Stone Hillside Hotel

Circular Product Solution

The solderless LED holder offers a convenient and streamlined approach to constructing natural white single-color or tunable white LED assemblies. By securely fastening the module to its heat sink using 2 screws and push-fit electrical connections, manual soldering of LEDs is no longer necessary. This not only protects the LED from excessive heat but also maintains a clean surface free from solder flux residue.

One notable advantage of using this holder is that it transforms light fixtures into true circular products, supporting our long-term commitment to sustainability by providing a direct and uncomplicated method for repair and reuse.

Additionally, we have incorporated holders for light lenses that adhere to Zhaga standards, an international organisation in the lighting industry, which is focused on standardising interfaces of LED lighting fixtures, including LED light engines, modules, arrays, and holders. Thanks to this, we can offer more material options for enhanced serviceability through repair and reuse.



2700K, 3000K, 3500K,
4000K, 5000K



2700 K-6500K,
1800K - 4000K Tunable White

DuraGreen's Circular Product Approach

The way companies design and manufacture products today has a direct impact on the world we will inhabit tomorrow. Merely recycling is not enough. We are paving the way for a world where all materials and products are made with tomorrow in mind.

Rooted in the Cradle to Cradle® design principles, this approach requires every step of a product's use cycle – from design and production to end-of-life – to follow a circular pathway. Today, it is possible to reshape the way we design and produce things, using innovation to drive change.

DuraGreen's products labeled with the 'circular use' sticker are designed for easy cycling and disassembly. These products include materials such as pure aluminum and solid brass while excluding plastics from their structures to increase the cycling rate for their subsequent use. Additionally, our many customer service centers (authorised distributor offices/shops) offer a rapid and convenient service for our clients, including replacing the LED chip and LED chip holder with two fixing screws and push-fit electrical connections onsite to extend the life of your lighting.

DuraGreen's 'circular use' light fittings are easily disassembled for their cycling pathway. 99% of the product's weight comprises materials compatible with the intended cycling pathway, with only the LED chip and LED chip holder requiring replacement for the next cycle of life.

DuraGreen's circular products come with:

- 10-year warranty

- Lifetime upgrading, repair, and reuse services

- End-of-life service (return unwanted light fittings to DuraGreen so they can be reintroduced into standard stock)



Lighting for better health and well-being

DuraGreen Full Spectrum LEDs

Crafted to replicate natural light, the DuraGreen full spectrum LEDs are engineered using cutting-edge chip, phosphor, and packaging technology to closely mimic the visible wavelength range of natural light. These LEDs can be effortlessly integrated into most DuraGreen lighting fixtures, bringing the beauty of full-spectrum natural light indoors and positively impacting the occupants' well-being. With high-fidelity spectral output, these LEDs provide exceptional colour rendering and superior TM30 metrics, making them ideal for a wide range of lighting applications. From retail, hospitality, office and education to museums, healthcare and residential lighting - the possibilities are limitless.

Spectral Matching to Natural Light

Average Spectral Difference (ASD)

The lighting industry is currently in the early phase of embracing human-centric lighting (HCL), which focuses on how lighting impacts the physical and emotional well-being of individuals. As humans have evolved over the millennia, our visual system has adapted to the natural light emitted by the sun and fire. These light sources have defined spectral power standards in terms of spectral power, which describe the nature of natural light. However, conventional metrics such as CCT, CRI, and TM-30 are unable to accurately qualify in accurately quantifying the naturalness or similarity of artificial light sources to these standardised natural spectra.

Bridgelux, recognising the lack of an industry-standard metric for measuring the naturalness of light sources, has pioneered a new metric called Average Spectral Difference(ASD). This metric removes the uncertainty when comparing LED light sources to natural light. ASD is determined by assessing the absolute difference between two spectra at specific wavelengths. Natural light possesses an ASD value of 0%, indicating an exact match. Lower ASD values indicate a closer resemblance to natural light.

DuraGreen full spectrum LED is engineered to provide the closest match to natural light available using proprietary chip, phosphor, and packaging technology, resulting in an ASD between 8% to 10% for all CCTs. By comparison, standard 80, 90, and 98 CRI light sources have ASD values that are 100% to 300% larger than full spectrum LEDs.

Spectrum Characteristics

Nominal CCT	ASD	CRI	Rf	Rg	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
2700K	10%	98	95	103	97	99	94	94	97	98	97	98	99	97	91	98	98	95	98
3000K	9%	98	95	104	98	99	93	94	97	98	96	96	97	96	92	95	98	95	97
3500K	8%	98	95	98	98	98	97	98	98	98	98	97	93	97	97	95	98	97	98
4000K	8%	98	97	100	99	99	97	99	99	99	99	98	94	97	99	96	99	98	98
5000K	9%	98	97	100	98	99	98	98	98	98	99	98	95	98	98	98	98	98	97
5700K	9%	98	94	98	98	98	97	95	98	97	96	95	92	97	96	96	98	98	97
6500K	8%	98	95	98	98	98	97	96	98	98	96	96	93	97	96	97	98	98	97

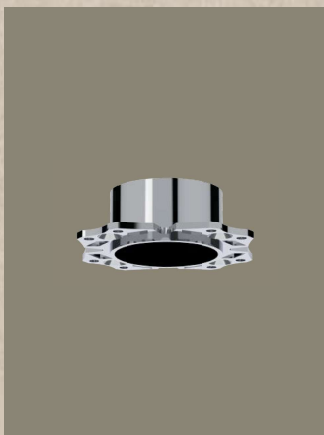
Performance at Commonly Used Drive Currents

CCT	CRI	Drive Current (mA)	Typical Vf Tc= 25°C (V)	Typical Efficacy Tc = 25°C (lm/W)
2700K	98	200	36.4	103
3000K	98	200	36.4	110
3500K	98	200	36.4	116
4000K	98	200	36.4	121
5000K	98	200	36.4	126
5700K	98	200	36.4	126
6500K	98	200	36.4	127

1. DuraGreen maintains a tolerance of ± 3 on Colour Rendering Index , R1-R15 measurements and TM-30 measurements.
2. The data shown in the table above is for reference only.

ACME | BELLA | ARTFOCUS

SYSTEM 36



A range of luminaires for embedded installation with the same installation frames, featuring a 36mm ceiling cutout for downlights—offering both mini-trim and trimless options—and a 40mm ceiling cutout for mini-trim installations of spotlights and pendants.





At DuraGreen, our products reflect a modular system approach. This simplifies lighting design while enhancing the visual appeal of any space with a uniform ceiling cutout. Customers have found this feature particularly helpful for solving lighting design errors on-site.

SYSTEM 36

Φ36 ACME Downlight Mini-Trim Fixed Straight Baffle



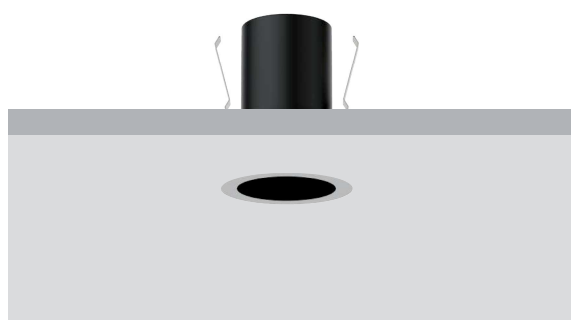
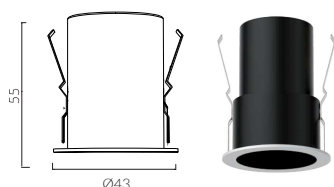
[view on website](#)



cutout:36mm



Fixed Optic

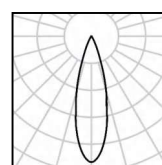


baffle



Black Painted
9005

IP Rating:	IP20
Optics:	24°
UGR:	<10
CRI:	92Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source	
Efficacy (lm/W):	103
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 12V 300mA 5W
Ambient temp:	-20 °C to 45 °C
Class:	II
Ceiling Thickness:	5mm-28mm
Material:	Fine aluminium 6063A

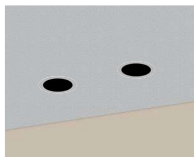


5W Ra92 3000K 24°

h(m)	E(lx)	D(m)
0.5	1582	0.19
1.0	396	0.38
1.5	176	0.57
2.0	99	0.76
2.5	63	0.95
3.0	44	1.14



DuraGreen project:
KY Office, Beijing



W system	lm system	optics	code
5W	127	24°	MFL3605W-30N24

SYSTEM 36

Φ36 ACME Downlight Trimless Fixed Straight Baffle



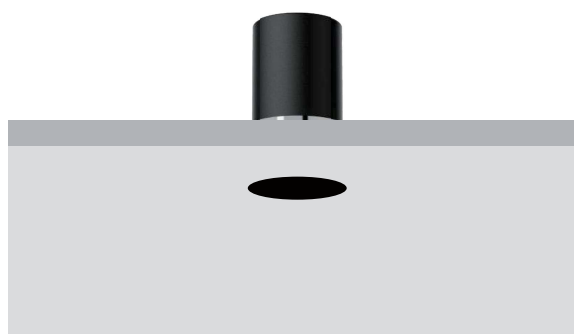
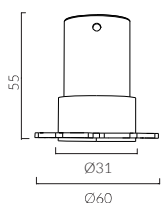
view on website



cutout:36mm



Fixed Optic

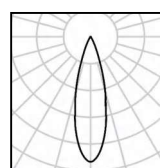


baffle



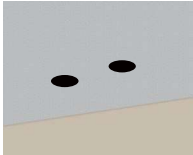
Black Painted
9005

IP Rating:	IP20
Optics:	24°
UGR:	<10
CRI:	92Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source	
Efficacy (lm/W):	103
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 12V 300mA 5W
Ambient temp:	-20 °C to 45 °C
Class:	II
Material:	Fine aluminium 6063A



5W Ra92 3000K 24°

h(m)	E(lx)	D(m)
0.5	1582	0.19
1.0	396	0.38
1.5	176	0.57
2.0	99	0.76
2.5	63	0.95
3.0	44	1.14



W system	lm system	optics	code
5W	127	24°	MFL3605W-TL-30N24-W

SYSTEM 36

Φ36 ACME Path Light Mini-Trim Fixed Wall /Path Light



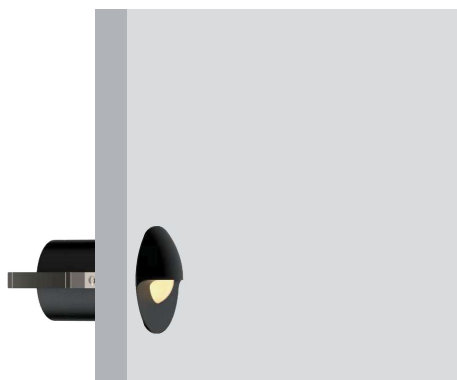
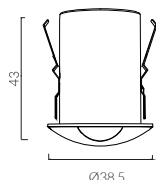
view on website



cutout:36mm



Wall Wash Optic



Black Painted
9005



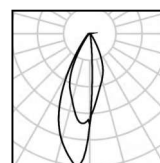
Bespoke



Accessories not included

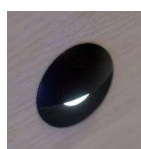
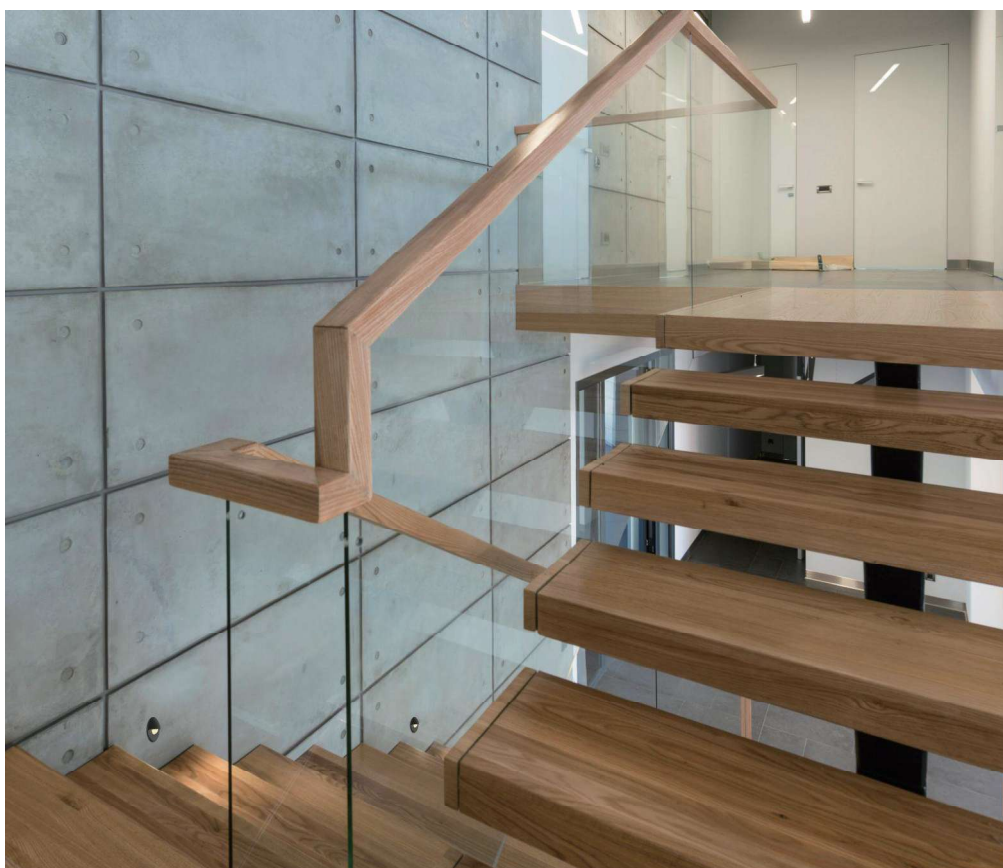
Concrete recessing kit

IP Rating:	IP20
Optics:	Asymmetrical Wallwash
UGR:	<10
CRI:	92Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source	
Efficacy (lm/W):	103
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 3V 300mA 1.3W
Ambient temp:	-20 °C to 45 °C
Class:	II
Ceiling Thickness:	5mm-28mm
Material:	Fine aluminium 6063A



1.3W Ra92 3000K
Asymmetrical

h(m)	E(lx)	D(m)
0.5	130	0.47
1.0	33	0.94
1.5	14	1.41
2.0	8	1.88
2.5	5	2.35
3.0	4	2.82



W system	Im system	optics	code
1.3W	31	Asymmetrical Wallwash	MFL361.3W-30NWS

SYSTEM 36



view on website

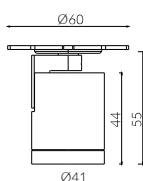
Φ41 BELLA Zoomable Spotlight Trimless Adjustable Spotlight



cutout :36mm



Adjustable Optic



White Painted

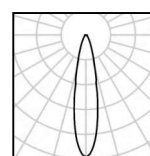


Black Painted



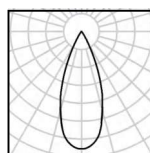
Bespoke

IP Rating:	IP20
Optics:	Zoomable 20°-50°
UGR:	<17
CRI:	92Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source Efficacy (lm/W):	96
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 12V 350mA 6W
Ambient temp:	-20 °C to 45 °C
Class:	II
Material:	Fine aluminium 6063A
Certification :	CB/CE/UKCA/GLOBAL MARK



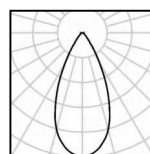
6W Ra92 3000K 20°

h(m)	E(lx)	D(m)
0.5	2355	0.20
1.0	589	0.40
1.5	262	0.59
2.0	147	0.79
2.5	94	0.99
3.0	65	1.19



6W Ra92 3000K 30°

h(m)	E(lx)	D(m)
0.5	1378	0.29
1.0	344	0.58
1.5	153	0.88
2.0	86	1.17
2.5	55	1.46
3.0	38	1.75



6W Ra92 3000K 50°

h(m)	E(lx)	D(m)
0.5	616	0.47
1.0	154	0.95
1.5	68	1.42
2.0	38	1.90
2.5	25	2.37
3.0	17	2.85



DuraGreen project:
Valcucine Flagship Store, Tianjin



W system	lm system	optics	code
6W	292-296	20°- 50°	TL4106W-30N2050

SYSTEM 36



view on website

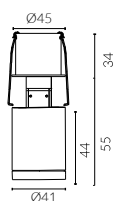
Φ41 BELLA Zoomable Spotlight Mini-Trim Adjustable Spotlight



cutout :40mm

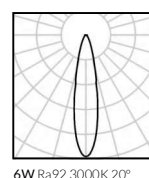


Adjustable Optic



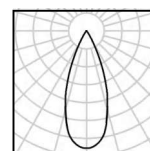
Bespoke

IP Rating:	IP20
Optics:	Zoomable 20°-50°
UGR:	< 17
CRI:	92Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source Efficacy (lm/W):	96
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 12V 350mA 6W
Ambient temp:	-20 °C to 45 °C
Class:	II
Material:	Fine aluminium 6063A
Certification :	CB/CE/UKCA/GLOBAL MARK



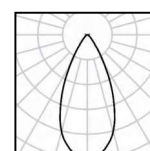
6W Ra92 3000K 20°

h(m)	E(lx)	D(m)
0.5	2355	0.20
1.0	589	0.40
1.5	262	0.59
2.0	147	0.79
2.5	94	0.99
3.0	65	1.19



6W Ra92 3000K 30°

h(m)	E(lx)	D(m)
0.5	1378	0.29
1.0	344	0.58
1.5	153	0.88
2.0	86	1.17
2.5	55	1.46
3.0	38	1.75



6W Ra92 3000K 50°

h(m)	E(lx)	D(m)
0.5	616	0.47
1.0	154	0.95
1.5	68	1.42
2.0	38	1.90
2.5	25	2.37
3.0	17	2.85



DuraGreen project:
YELLOWKORNER Art Gallery, Wuhan



W system	Im system	optics	code
6W	292-296	20°- 50°	RT4106W-30N2050

SYSTEM 36



[view on website](#)

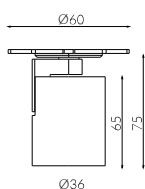
Φ36 ARTFOCUS Spotlight Trimless Adjustable Spotlight



cutout : 36mm

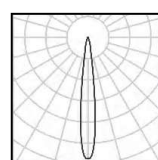


Adjustable Optic



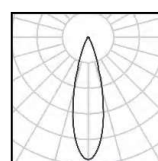
Bespoke

IP Rating:	IP20 and IP44 options
Optics:	15°/28°/36°
UGR:	<10
CRI:	92Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source	
Efficacy (lm/W):	133
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 150mA 6W
Ambient temp:	-20 °C to 45 °C
Class:	II
Optional accessories:	Honeycomb louvre, Solite Lense, Spread Lense, Colour Filter
Material:	Fine aluminium 6063A
Certification :	CB/CE/UKCA/GLOBAL MARK



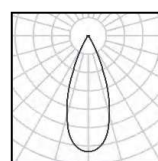
6W Ra98 3000K 15°

h(m)	E(lx)	D(m)
0.5	4937	0.14
1.0	1234	0.27
1.5	549	0.41
2.0	309	0.54
2.5	197	0.68
3.0	137	0.81



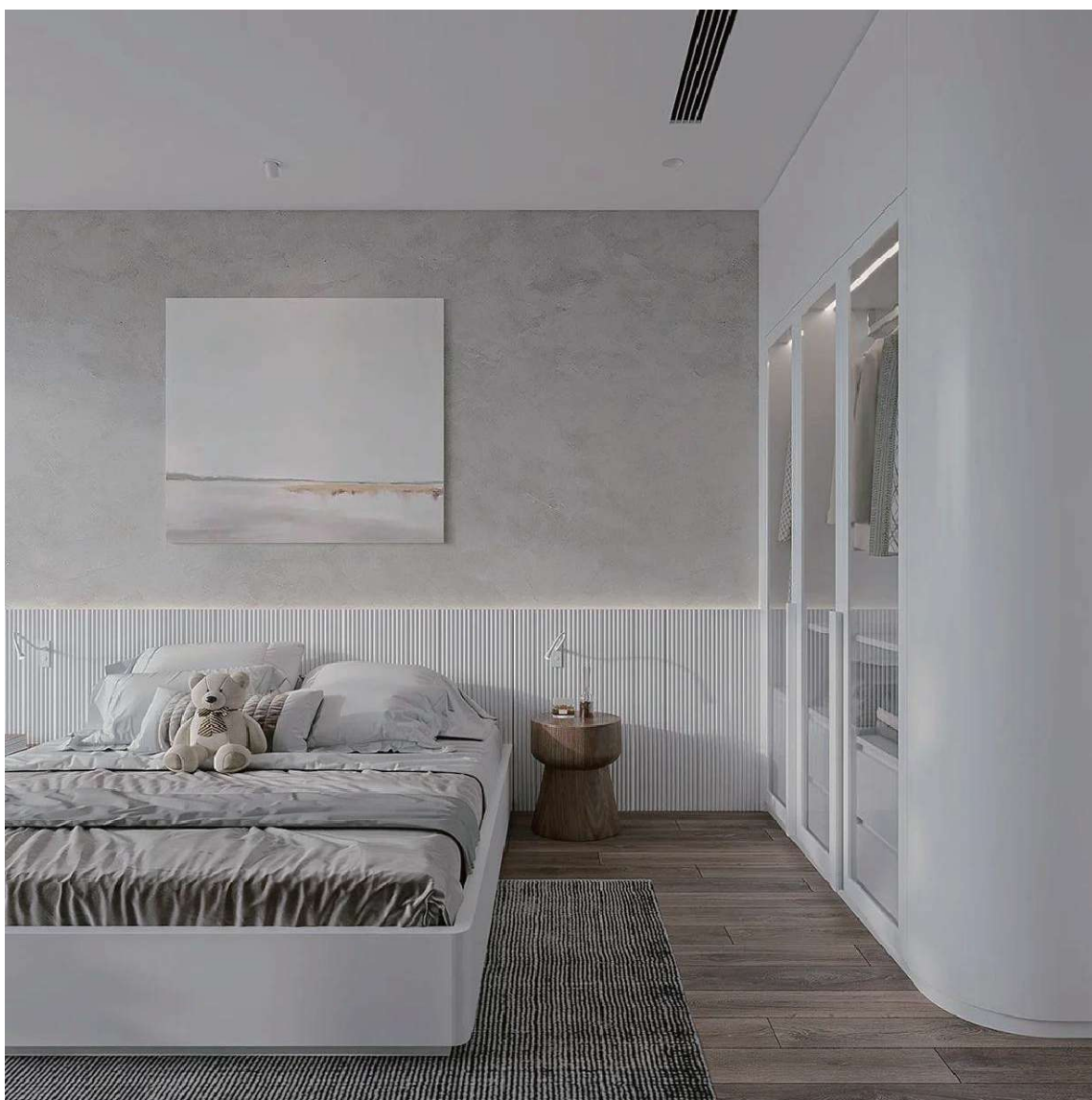
6W Ra98 3000K 28°

h(m)	E(lx)	D(m)
0.5	2848	0.25
1.0	712	0.49
1.5	316	0.74
2.0	178	0.98
2.5	114	1.23
3.0	79	1.47



6W Ra98 3000K 36°

h(m)	E(lx)	D(m)
0.5	1706	0.31
1.0	426	0.62
1.5	190	0.93
2.0	107	1.25
2.5	68	1.56
3.0	47	1.87



W system	lm system	optics	code
6W	373	15°	TL3606W-30N15
6W	445	28°	TL3606W-30N28
6W	446	36°	TL3606W-30N36

SYSTEM 36



[view on website](#)

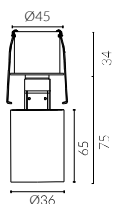
Φ36 ARTFOCUS Spotlight Mini-Trim Adjustable Spotlight



cutout: 40mm



Adjustable Optic



White Painted

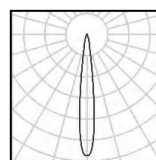


Black Painted



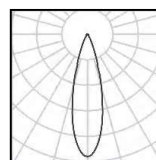
Bespoke

IP Rating:	IP20 and IP44 options
Optics:	15°/28°/36°
UGR:	<10
CRI:	92Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source	
Efficacy (lm/W):	133
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 150mA 6W
Ambient temp:	-20 °C to 45 °C
Class:	II
Optional accessories:	Honeycomb louvre, Solite Lense, Spread Lense, Colour Filter
Material:	Fine aluminium 6063A
Certification :	CB/CE/UKCA/GLOBAL MARK



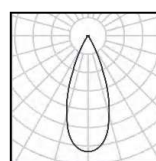
6W Ra98 3000K 15°

h(m)	E(lx)	D(m)
0.5	4937	0.14
1.0	1234	0.27
1.5	549	0.41
2.0	309	0.54
2.5	197	0.68
3.0	137	0.81



6W Ra98 3000K 28°

h(m)	E(lx)	D(m)
0.5	2848	0.25
1.0	712	0.49
1.5	316	0.74
2.0	178	0.98
2.5	114	1.23
3.0	79	1.47



6W Ra98 3000K 36°

h(m)	E(lx)	D(m)
0.5	1706	0.31
1.0	426	0.62
1.5	190	0.93
2.0	107	1.25
2.5	68	1.56
3.0	47	1.87



DuraGreen project:
Home in UK



W system	lm system	optics	code
6W	373	15°	RT3606W-30N15
6W	445	28°	RT3606W-30N28
6W	446	36°	RT3606W-30N36

SYSTEM 36

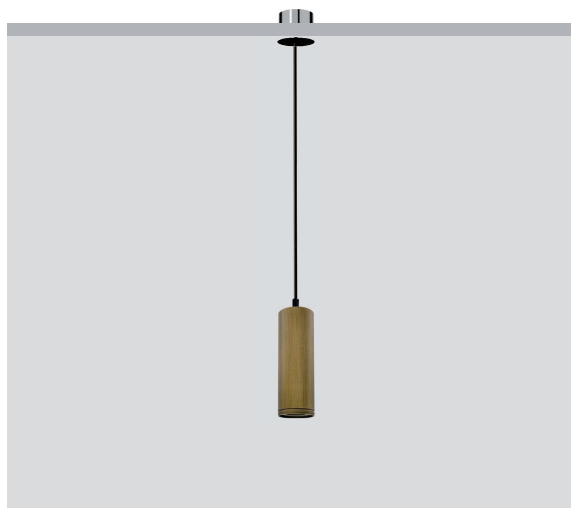
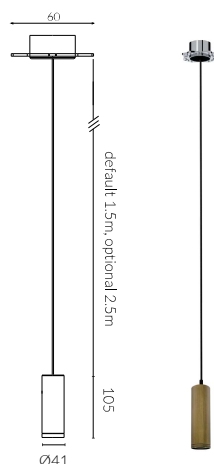


view on website

Φ41 BELLA Zoomable Pendant Trimless Pendant



cutout: 36mm

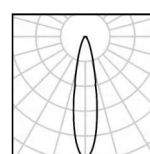


Antique Bronze



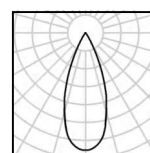
Bespoke

IP Rating:	IP20
Optics:	Zoomable 20°-50°
UGR:	<17
CRI:	92Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source	
Efficacy (lm/W):	96
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 12V 600mA 8W
Ambient temp:	-20 °C to 45 °C
Class:	II
Material:	Fine aluminium 6063A



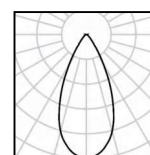
8W Ra92 3000K 20°

h(m)	E(lx)	D(m)
0.5	2978	0.21
1.0	745	0.42
1.5	331	0.63
2.0	186	0.84
2.5	119	1.04
3.0	83	1.25



8W Ra92 3000K 30°

h(m)	E(lx)	D(m)
0.5	1805	0.30
1.0	451	0.59
1.5	201	0.89
2.0	113	1.18
2.5	72	1.48
3.0	50	1.78



8W Ra92 3000K 50°

h(m)	E(lx)	D(m)
0.5	795	0.49
1.0	199	0.97
1.5	88	1.46
2.0	50	1.94
2.5	32	2.43
3.0	22	2.91



W system	lm system	optics	code
8W	388-385	20°- 50°	TLP4108W-30N2050

SYSTEM 36

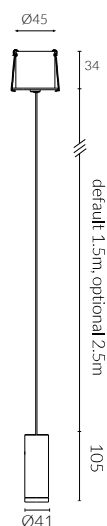


view on website

Φ41 BELLA Zoomable Pendant Mini-Trim Pendant



cutout: 40mm

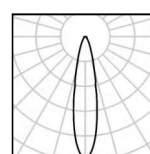


Antique Bronze



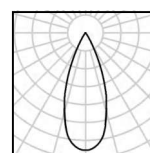
Bespoke

IP Rating:	IP20
Optics:	Zoomable 20°-50°
UGR:	<17
CRI:	92Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source	
Efficacy (lm/W):	96
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 12V 600mA 8W
Ambient temp:	-20 °C to 45 °C
Class:	II
Ceiling Thickness:	5mm-28mm
Material:	Fine aluminium 6063A



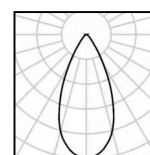
8W Ra92 3000K 20°

h(m)	E(lx)	D(m)
0.5	2978	0.21
1.0	745	0.42
1.5	331	0.63
2.0	186	0.84
2.5	119	1.04
3.0	83	1.25



8W Ra92 3000K 30°

h(m)	E(lx)	D(m)
0.5	1805	0.30
1.0	451	0.59
1.5	201	0.89
2.0	113	1.18
2.5	72	1.48
3.0	50	1.78



8W Ra92 3000K 50°

h(m)	E(lx)	D(m)
0.5	795	0.49
1.0	199	0.97
1.5	88	1.46
2.0	50	1.94
2.5	32	2.43
3.0	22	2.91



DuraGreen project:
Home in Rome



W system	lm system	optics	code
8W	388-385	20°- 50°	RTP4108W-30N2050

ACME

SYSTEM 50



A range of luminaires for embedded installation features the same 50mm cutout installation frames for both downlights and spotlights, offering options for both mini-trim and trimless designs.





At DuraGreen, our products reflect a modular system approach. This simplifies lighting design while enhancing the visual appeal of any space with a uniform ceiling cutout. Customers have found this feature particularly helpful for solving lighting design errors on-site.

SYSTEM 50

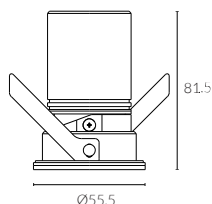
Φ50 ACME Downlight Mini-Trim Adjustable Curve Baffle



view on website



Adjustable Optic

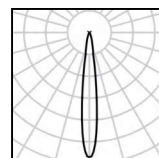


baffle



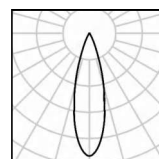
Bespoke

IP Rating:	IP65 Front
Optics:	15°/24°/36°
UGR:	<10
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source Efficacy (lm/W):	110
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 100mA 4W DC 36V 150mA 6W DC 36V 200mA 8W
Ambient temp:	-20 °C to 45 °C
Class:	II
Optional accessories:	Honeycomb louvre, Solite Lense, Spread Lense, Colour Filter
Ceiling Thickness:	9mm-28mm
Material:	Fine aluminium 6063A
Fire resistance test:	60 minutes
Certification:	CB/CE/UKCA/GLOBAL MARK/60-MINUTE FIRE RESISTANCE



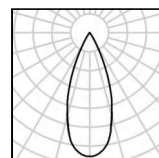
8W Ra98 3000K 15°

h(m)	E(lx)	D(m)
0.5	7204	0.11
1.0	1801	0.22
1.5	800	0.33
2.0	450	0.43
2.5	288	0.54
3.0	200	0.65



8W Ra98 3000K 24°

h(m)	E(lx)	D(m)
0.5	2613	0.25
1.0	653	0.49
1.5	290	0.74
2.0	163	0.99
2.5	105	1.24
3.0	73	1.48



8W Ra98 3000K 36°

h(m)	E(lx)	D(m)
0.5	2005	0.34
1.0	501	0.68
1.5	223	1.03
2.0	125	1.37
2.5	80	1.71
3.0	56	2.05



DuraGreen project:
Home in London



W System	Lm System	Optics	Code
4W	182	15°	AFL5004W-C-30N15
4W	205	24°	AFL5004W-C-30N24
4W	247	36°	AFL5004W-C-30N36



W System	Lm System	Optics	Code
6W	267	15°	AFL5006W-C-30N15
6W	306	24°	AFL5006W-C-30N24
6W	368	36°	AFL5006W-C-30N36



W System	Lm System	Optics	Code
8W	336	15°	AFL5008W-C-30N15
8W	381	24°	AFL5008W-C-30N24
8W	453	36°	AFL5008W-C-30N36

SYSTEM 50

Φ50 ACME Downlight Trimless Adjustable Curve Baffle



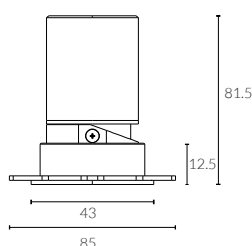
view on website



cutout :50mm



Adjustable Optic



baffle



Black Painted
9005



White Painted
9016

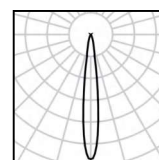


Solid Brass



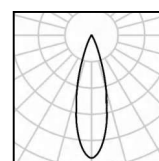
Bespoke

IP Rating:	IP65 Front
Optics:	15°/24°/36°
UGR:	<10
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source	
Efficacy (lm/W):	110
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 100mA 4W DC 36V 150mA 6W DC 36V 200mA 8W
Ambient temp:	-20 °C to 45 °C
Class:	II
Optional accessories:	Honeycomb louvre, Solite Lense, Spread Lense, Colour Filter
Material:	Fine aluminium 6063A
Fire resistance test:	60 minutes
Certification:	CB/CE/UKCA/GLOBAL MARK/60-MINUNTE FIRE RESISTANCE



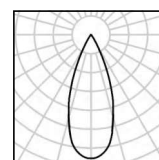
8W Ra98 3000K 15°

h(m)	E(lx)	D(m)
0.5	7204	0.11
1.0	1801	0.22
1.5	800	0.33
2.0	450	0.43
2.5	288	0.54
3.0	200	0.65



8W Ra98 3000K 24°

h(m)	E(lx)	D(m)
0.5	2613	0.25
1.0	653	0.49
1.5	290	0.74
2.0	163	0.99
2.5	105	1.24
3.0	73	1.48



8W Ra98 3000K 36°

h(m)	E(lx)	D(m)
0.5	2005	0.34
1.0	501	0.68
1.5	223	1.03
2.0	125	1.37
2.5	80	1.71
3.0	56	2.05



DuraGreen project:
Home in Singapore



W System	Lm System	Optics	Code
4W	182	15°	AFL5004W-C-TL-30N15
4W	205	24°	AFL5004W-C-TL-30N24
4W	247	36°	AFL5004W-C-TL-30N36



W System	Lm System	Optics	Code
6W	267	15°	AFL5006W-C-TL-30N15
6W	306	24°	AFL5006W-C-TL-30N24
6W	368	36°	AFL5006W-C-TL-30N36



W System	Lm System	Optics	Code
8W	336	15°	AFL5008W-C-TL-30N15
8W	381	24°	AFL5008W-C-TL-30N24
8W	453	36°	AFL5008W-C-TL-30N36

SYSTEM 50

Φ50 ACME Downlight Trimless Adjustable Semi Baffle



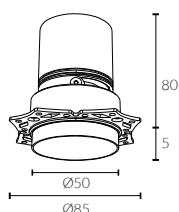
[view on website](#)



cutout :50mm



Adjustable Optic



baffle



Black Painted
9005



White Painted
9016

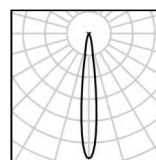


Solid Brass



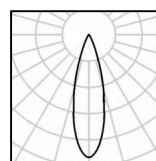
Bespoke

IP Rating:	IP65 Front
Optics:	15°/24°/36°
UGR:	<10
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source	
Efficacy (lm/W):	110
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 100mA 4W DC 36V 150mA 6W DC 36V 200mA 8W
Ambient temp:	-20 °C to 45 °C
Class:	II
Optional accessories:	Honeycomb louvre, Solite Lense, Spread Lense, Colour Filter
Material:	Fine aluminium 6063A
Fire resistance test:	60 minutes
Certification:	CB/CE/UKCA/GLOBAL MARK/60-MINUNTE FIRE RESISTANCE



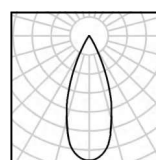
8W Ra98 3000K 15°

h(m)	E(lx)	D(m)
0.5	7204	0.11
1.0	1801	0.22
1.5	800	0.33
2.0	450	0.43
2.5	288	0.54
3.0	200	0.65



8W Ra98 3000K 24°

h(m)	E(lx)	D(m)
0.5	2613	0.25
1.0	653	0.49
1.5	290	0.74
2.0	163	0.99
2.5	105	1.24
3.0	73	1.48



8W Ra98 3000K 36°

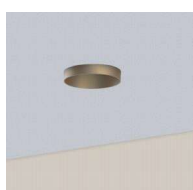
h(m)	E(lx)	D(m)
0.5	2005	0.34
1.0	501	0.68
1.5	223	1.03
2.0	125	1.37
2.5	80	1.71
3.0	56	2.05



W System	Lm System	Optics	Code
4W	182	15°	AFL5004W-M-TL-30N15
4W	205	24°	AFL5004W-M-TL-30N24
4W	247	36°	AFL5004W-M-TL-30N36



W System	Lm System	Optics	Code
6W	267	15°	AFL5006W-M-TL-30N15
6W	306	24°	AFL5006W-M-TL-30N24
6W	368	36°	AFL5006W-M-TL-30N36



W System	Lm System	Optics	Code
8W	336	15°	AFL5008W-M-TL-30N15
8W	381	24°	AFL5008W-M-TL-30N24
8W	453	36°	AFL5008W-M-TL-30N36

SYSTEM 50

Φ50 ACME In/out Spotlight Trimless Adjustable Spotlight



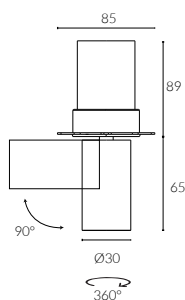
view on website



cutout : 50mm



Adjustable Optic



matt white painted

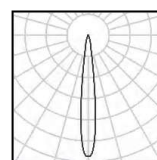


matt black painted



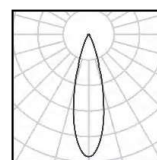
Bespoke

IP Rating:	IP20 and IP44 options
Optics:	15°/28°/36°
UGR:	< 10
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source	
Efficacy (lm/W):	110
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 150mA 6W
Ambient temp:	-20 °C to 45 °C
Class:	II
Optional accessories:	Honeycomb louvre, Solite Lense, Spread Lense, Colour Filter
Material:	Fine aluminium 6063A
Certification :	CB/CE/UKCA/GLOBAL MARK



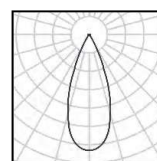
6W Ra98 3000K 15°

h(m)	E(lx)	D(m)
0.5	4937	0.14
1.0	1234	0.27
1.5	549	0.41
2.0	309	0.54
2.5	197	0.68
3.0	137	0.81



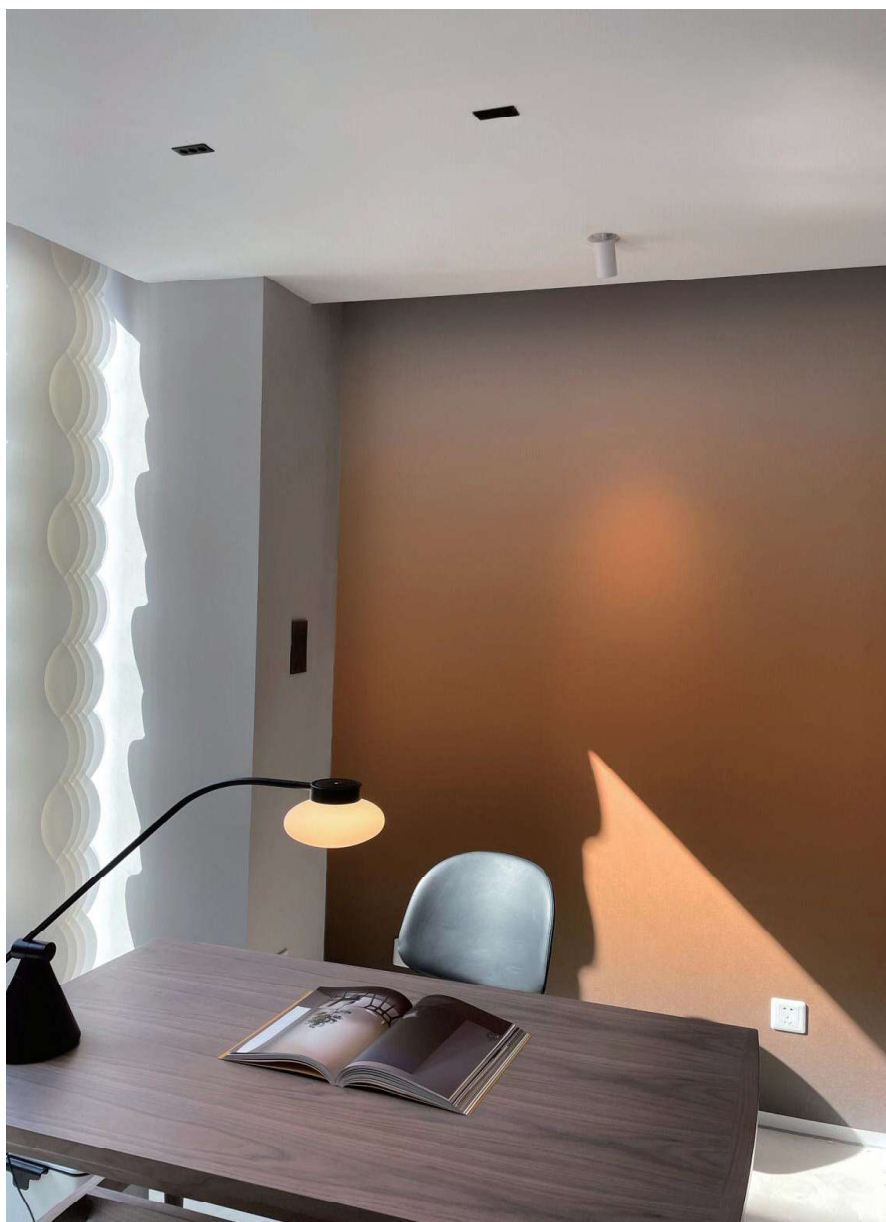
6W Ra98 3000K 28°

h(m)	E(lx)	D(m)
0.5	2848	0.25
1.0	712	0.49
1.5	316	0.74
2.0	178	0.98
2.5	114	1.23
3.0	79	1.47

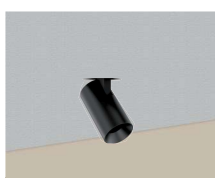


6W Ra98 3000K 36°

h(m)	E(lx)	D(m)
0.5	1706	0.31
1.0	426	0.62
1.5	190	0.93
2.0	107	1.25
2.5	68	1.56
3.0	47	1.87



DuraGreen project:
Stellar Works Flagship Store, Shanghai



W system	lm system	optics	code
6W	373	15°	AFL5006W-IO-TL-30N15
6W	445	28°	AFL5006W-IO-TL-30N28
6W	446	36°	AFL5006W-IO-TL-30N36

SYSTEM 50

Φ50 ACME In/out Spotlight Mini-Trim Adjustable Spotlight



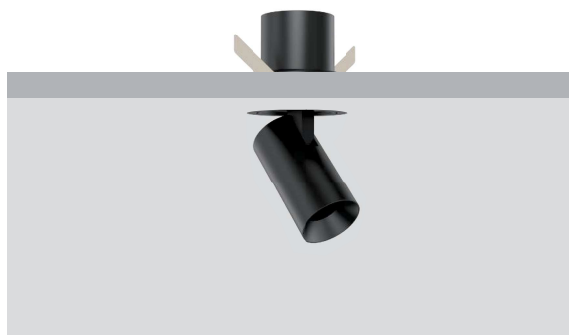
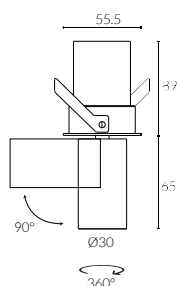
view on website



cutout : 50mm



Adjustable Optic



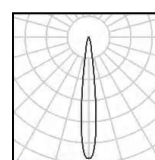
matt white painted

matt black painted



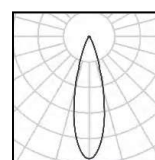
Bespoke

IP Rating:	IP20 and IP44 options
Optics:	15°/28°/36°
UGR:	<10
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source	
Efficacy (lm/W):	110
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 150mA 6W
Ambient temp:	-20 °C to 45 °C
Class:	II
Optional accessories:	Honeycomb louvre, Solite Lense, Spread Lense, Colour Filter
Ceiling Thickness:	9mm-28mm
Material:	Fine aluminium 6063A
Certification:	CB/CE/UKCA/GLOBAL MARK



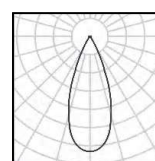
6W Ra98 3000K 15°

h(m)	E(lx)	D(m)
0.5	4937	0.14
1.0	1234	0.27
1.5	549	0.41
2.0	309	0.54
2.5	197	0.68
3.0	137	0.81



6W Ra98 3000K 28°

h(m)	E(lx)	D(m)
0.5	2848	0.25
1.0	712	0.49
1.5	316	0.74
2.0	178	0.98
2.5	114	1.23
3.0	79	1.47

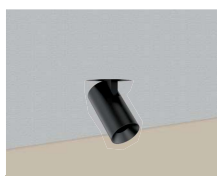


6W Ra98 3000K 36°

h(m)	E(lx)	D(m)
0.5	1706	0.31
1.0	426	0.62
1.5	190	0.93
2.0	107	1.25
2.5	68	1.56
3.0	47	1.87



DuraGreen project:
Home in London



W system	lm system	optics	code
6W	373	15°	AFL5006W-IO-30N15
6W	445	28°	AFL5006W-IO-30N28
6W	446	36°	AFL5006W-IO-30N36

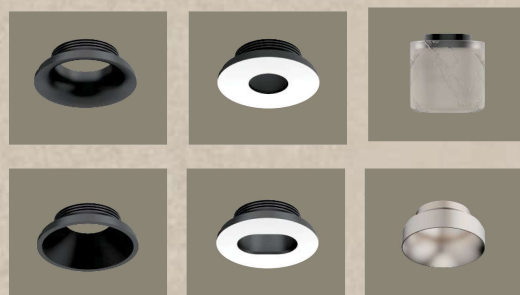
ACME

SYSTEM 57



A range of luminaires for embedded installation features the same 57mm cutout installation frames for both downlights and spotlights, offering options for both mini-trim and trimless designs.





At DuraGreen, our products reflect a modular system approach. This simplifies lighting design while enhancing the visual appeal of any space with a uniform ceiling cutout. Customers have found this feature particularly helpful for solving lighting design errors on-site.

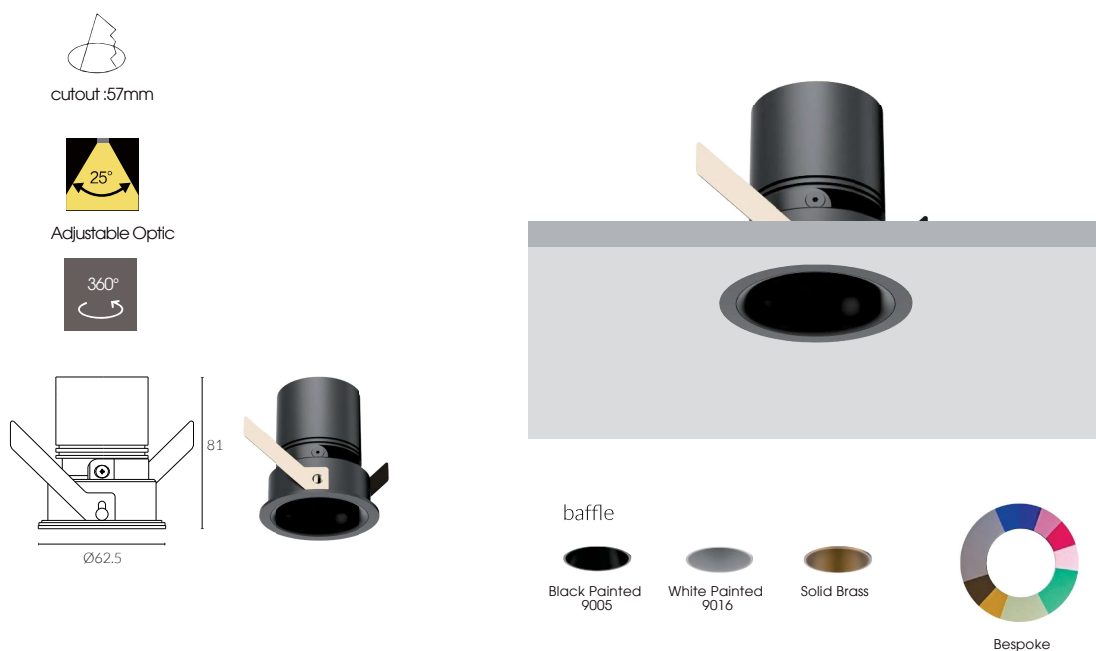


SYSTEM 57



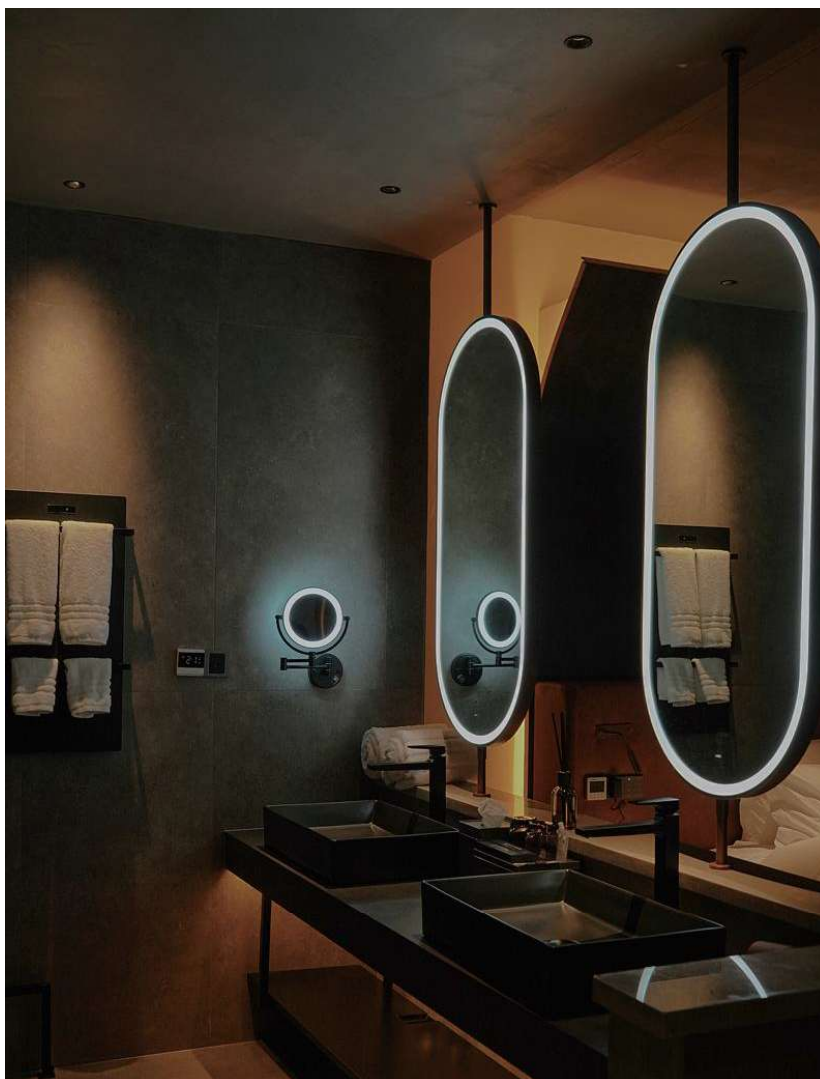
view on website

Φ57 ACME Downlight Mini-Trim Adjustable Curve Baffle



IP Rating:	IP65 Front
Optics:	15°/24°/36°
UGR:	<10
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K/2700K-6000K
Typical Source	
Efficacy (lm/W):	110
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 150mA 6W DC 36V 200mA 8W DC 36V 250mA 10W
Ambient temp:	-20 °C to 45 °C
Class:	II
Optional accessories:	Honeycomb louvre, Solite Lense, Spread Lense, Colour Filter
Material:	Fine aluminium 6063A
Fire resistance test:	60 minutes
Certification:	CB/CE/UKCA/GLOBAL MARK/60-MINUNTE FIRE RESISTANCE

	h(m)	E(lx)	D(m)
10W Ra98 3000K 15°	0.5	10728	0.15
	1.0	2682	0.31
	1.5	1192	0.46
	2.0	671	0.61
	2.5	429	0.77
	3.0	298	0.92
10W Ra98 3000K 24°	h(m)	E(lx)	D(m)
	0.5	7580	0.21
	1.0	1895	0.42
	1.5	842	0.63
	2.0	474	0.84
	2.5	303	1.04
10W Ra98 3000K 36°	h(m)	E(lx)	D(m)
	0.5	4206	0.28
	1.0	1051	0.57
	1.5	467	0.85
	2.0	263	1.14
	2.5	168	1.42
	3.0	117	1.71



DuraGreen project:
Black Stone Hillside Hotel



W system	lm system	optics	code
6W	367	15°	AFL5706W-C-30N15
6W	349	24°	AFL5706W-C-30N24
6W	340	36°	AFL5706W-C-30N36



W system	lm system	optics	code
8W	419	15°	AFL5708W-C-30N15
8W	470	24°	AFL5708W-C-30N24
8W	456	36°	AFL5708W-C-30N36



W system	lm system	optics	code
10W	462	15°	AFL5710W-C-30N15
10W	628	24°	AFL5710W-C-30N24
10W	616	36°	AFL5710W-C-30N36

SYSTEM 57



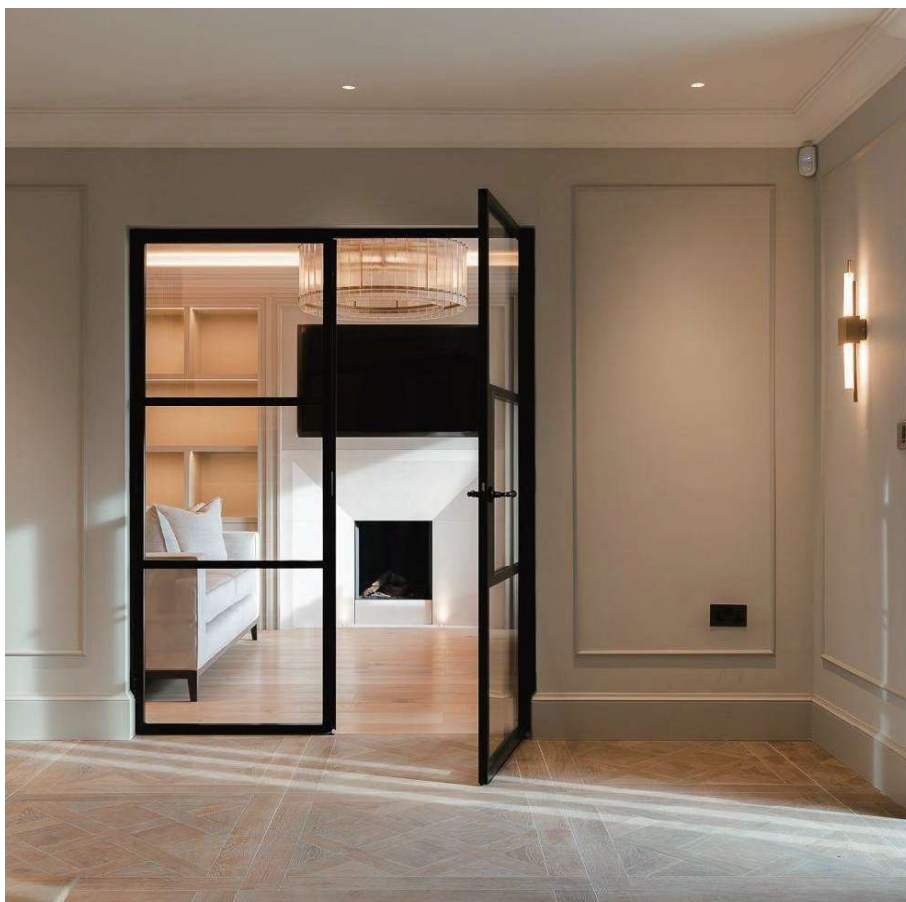
view on website

Φ57 ACME Downlight Trimless Adjustable Curve Baffle



IP Rating:	IP65 Front
Optics:	15°/24°/36°
UGR:	<10
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K/2700K-6000K
Typical Source	
Efficacy (lm/W):	110
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 150mA 6W DC 36V 200mA 8W DC 36V 250mA 10W
Ambient temp:	-20 °C to 45 °C
Class:	II
Optional accessories:	Honeycomb louvre, Solite Lense, Spread Lense, Colour Filter
Material:	Fine aluminium 6063A
Fire resistance test:	60 minutes
Certification:	CB/CE/UKCA/GLOBAL MARK/60-MINUNTE FIRE RESISTANCE

	h(m)	E(lx)	D(m)
10W Ra98 3000K 15°	0.5	10728	0.15
	1.0	2682	0.31
	1.5	1192	0.46
	2.0	671	0.61
	2.5	429	0.77
	3.0	298	0.92
10W Ra98 3000K 24°	h(m)	E(lx)	D(m)
	0.5	7580	0.21
	1.0	1895	0.42
	1.5	842	0.63
	2.0	474	0.84
	2.5	303	1.04
10W Ra98 3000K 36°	h(m)	E(lx)	D(m)
	0.5	4206	0.28
	1.0	1051	0.57
	1.5	467	0.85
	2.0	263	1.14
	2.5	168	1.42
	3.0	117	1.71



DuraGreen project:
Luxury Home, London



W system	lm system	optics	code
6W	367	15°	AFL5706W-C-TL-30N15
6W	349	24°	AFL5706W-C-TL-30N24
6W	340	36°	AFL5706W-C-TL-30N36



W system	lm system	optics	code
8W	419	15°	AFL5708W-C-TL-30N15
8W	470	24°	AFL5708W-C-TL-30N24
8W	456	36°	AFL5708W-C-TL-30N36



W system	lm system	optics	code
10W	462	15°	AFL5710W-C-TL-30N15
10W	628	24°	AFL5710W-C-TL-30N24
10W	616	36°	AFL5710W-C-TL-30N36

SYSTEM 57

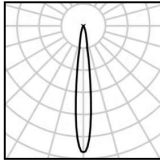
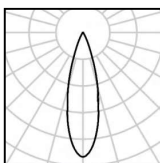
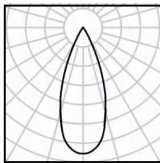
Φ57 ACME Downlight Mini-Trim Adjustable Straight Baffle



view on website



IP Rating:	IP65 Front
Optics:	15°/24°/36°
UGR:	<10
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K/2700K-6000K
Typical Source	
Efficacy (lm/W):	110
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 150mA 6W DC 36V 200mA 8W DC 36V 250mA 10W
Ambient temp:	-20 °C to 45 °C
Class:	II
Optional accessories:	Honeycomb louvre, Solite Lense, Spread Lense, Colour Filter
Material:	Fine aluminium 6063A
Fire resistance test:	60 minutes
Certification:	CB/CE/UKCA/GLOBAL MARK/60-MINUNTE FIRE RESISTANCE

	h(m)	E(lx)	D(m)
 10W Ra98 3000K 15°	0.5	10728	0.15
	1.0	2682	0.31
	1.5	1192	0.46
	2.0	671	0.61
	2.5	429	0.77
	3.0	298	0.92
 10W Ra98 3000K 24°	0.5	7580	0.21
	1.0	1895	0.42
	1.5	842	0.63
	2.0	474	0.84
	2.5	303	1.04
	3.0	211	1.25
 10W Ra98 3000K 36°	0.5	4206	0.28
	1.0	1051	0.57
	1.5	467	0.85
	2.0	263	1.14
	2.5	168	1.42
	3.0	117	1.71



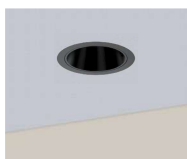
DuraGreen project:
Clipper Lounge, Mandarin Oriental, Hong Kong



W system	lm system	optics	code
6W	367	15°	AFL5706W-30N15
6W	349	24°	AFL5706W-30N24
6W	340	36°	AFL5706W-30N36



W system	lm system	optics	code
8W	419	15°	AFL5708W-30N15
8W	470	24°	AFL5708W-30N24
8W	456	36°	AFL5708W-30N36



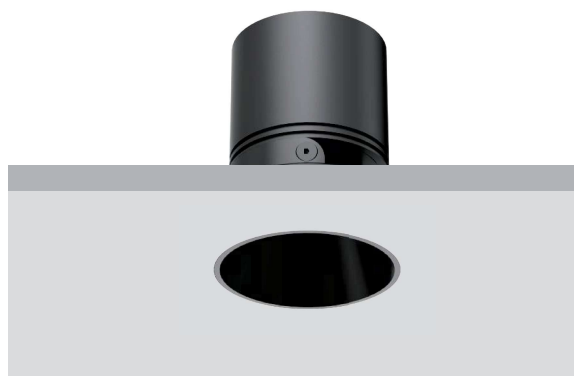
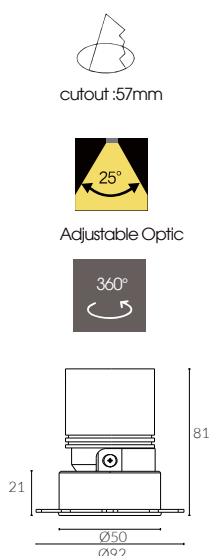
W system	lm system	optics	code
10W	462	15°	AFL5710W-30N15
10W	628	24°	AFL5710W-30N24
10W	616	36°	AFL5710W-30N36

SYSTEM 57

Φ57 ACME Downlight Trimless Adjustable Straight Baffle



view on website



baffle



Black Painted
9005



White Painted
9016

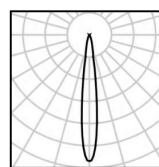


Solid Brass

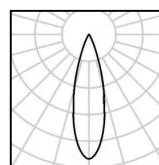


Bespoke

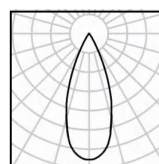
IP Rating:	IP65 Front
Optics:	15°/24°/36°
UGR:	<10
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K/2700K-6000K
Typical Source	
Efficacy (lm/W):	110
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 150mA 6W DC 36V 200mA 8W DC 36V 250mA 10W
Ambient temp:	-20 °C to 45 °C
Class:	II
Optional accessories:	Honeycomb louvre, Solite Lense, Spread Lense, Colour Filter
Material:	Fine aluminium 6063A
Fire resistance test:	60 minutes
Certification:	CB/CE/UKCA/GLOBAL MARK/60-MINUNTE FIRE RESISTANCE



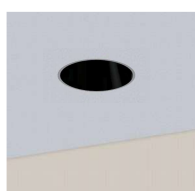
h(m)	E(lx)	D(m)
0.5	10728	0.15
1.0	2682	0.31
1.5	1192	0.46
2.0	671	0.61
2.5	429	0.77
3.0	298	0.92



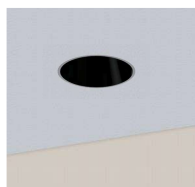
h(m)	E(lx)	D(m)
0.5	7580	0.21
1.0	1895	0.42
1.5	842	0.63
2.0	474	0.84
2.5	303	1.04
3.0	211	1.25



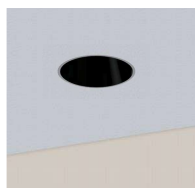
h(m)	E(lx)	D(m)
0.5	4206	0.28
1.0	1051	0.57
1.5	467	0.85
2.0	263	1.14
2.5	168	1.42
3.0	117	1.71



W system	lm system	optics	code
6W	367	15°	AFL5706W-TL-30N15
6W	349	24°	AFL5706W-TL-30N24
6W	340	36°	AFL5706W-TL-30N36



W system	lm system	optics	code
8W	419	15°	AFL5708W-TL-30N15
8W	470	24°	AFL5708W-TL-30N24
8W	456	36°	AFL5708W-TL-30N36



W system	lm system	optics	code
10W	462	15°	AFL5710W-TL-30N15
10W	628	24°	AFL5710W-TL-30N24
10W	616	36°	AFL5710W-TL-30N36

SYSTEM 57

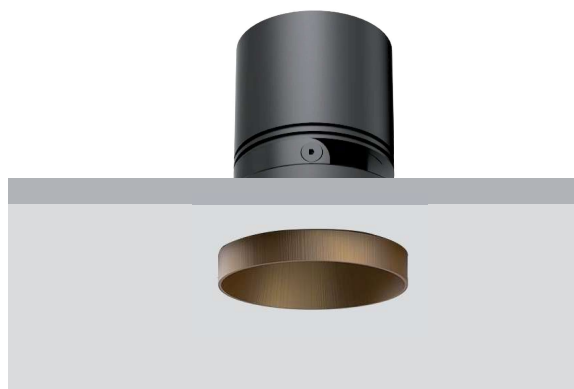
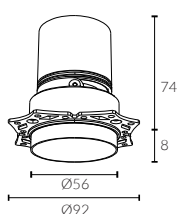


[view on website](#)

Φ57 ACME Downlight Trimless Adjustable Semi Baffle



Adjustable Optic

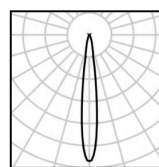


baffle

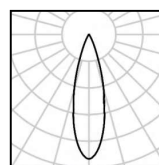


Bespoke

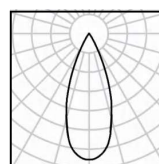
IP Rating:	IP65 Front
Optics:	15°/24°/36°
UGR:	<10
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K/2700K-6000K
Typical Source	
Efficacy (lm/W):	110
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 150mA 6W DC 36V 200mA 8W DC 36V 250mA 10W
Ambient temp:	-20 °C to 45 °C
Class:	II
Optional accessories:	Honeycomb louvre, Solite Lense, Spread Lense, Colour Filter
Material:	Fine aluminium 6063A
Fire resistance test:	60 minutes
Certification:	CB/CE/UKCA/GLOBAL MARK/60-MINUNTE FIRE RESISTANCE



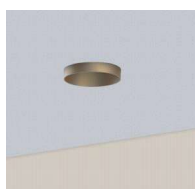
h(m)	E(lx)	D(m)
0.5	10728	0.15
1.0	2682	0.31
1.5	1192	0.46
2.0	671	0.61
2.5	429	0.77
3.0	298	0.92



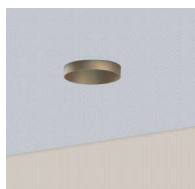
h(m)	E(lx)	D(m)
0.5	7580	0.21
1.0	1895	0.42
1.5	842	0.63
2.0	474	0.84
2.5	303	1.04
3.0	211	1.25



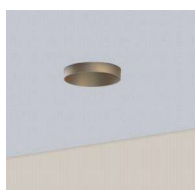
h(m)	E(lx)	D(m)
0.5	4206	0.28
1.0	1051	0.57
1.5	467	0.85
2.0	263	1.14
2.5	168	1.42
3.0	117	1.71



W system	lm system	optics	code
6W	367	15°	AFL5706W-M-TL-30N15
6W	349	24°	AFL5706W-M-TL-30N24
6W	340	36°	AFL5706W-M-TL-30N36



W system	lm system	optics	code
8W	419	15°	AFL5708W-M-TL-30N15
8W	470	24°	AFL5708W-M-TL-30N24
8W	456	36°	AFL5708W-M-TL-30N36



W system	lm system	optics	code
10W	462	15°	AFL5710W-M-TL-30N15
10W	628	24°	AFL5710W-M-TL-30N24
10W	616	36°	AFL5710W-M-TL-30N36

SYSTEM 57

Φ57 ACME Downlight Mini-Trim Adjustable Pinhole



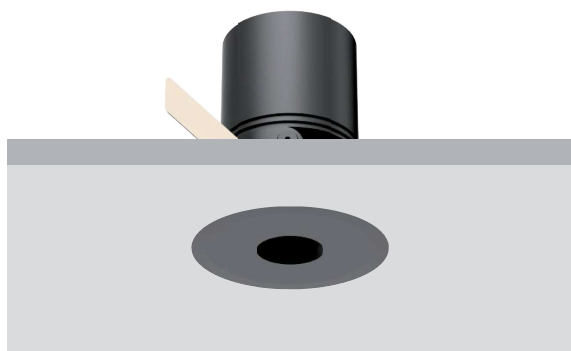
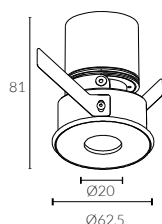
[view on website](#)



cutout : 57mm



Adjustable Optic



bezel | baffle

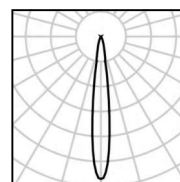


Black Painted
9005



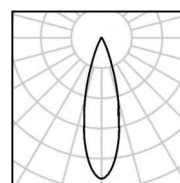
White Painted
9016

IP Rating:	IP65 Front
Optics:	15°/24°/36°
UGR:	<10
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K/2700K-6000K
Typical Source	
Efficacy (lm/W):	110
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 150mA 6W DC 36V 200mA 8W DC 36V 250mA 10W
Ambient temp:	-20 °C to 45 °C
Class:	II
Optional accessories:	Honeycomb louvre, Solite Lense, Spread Lense, Colour Filter
Ceiling Thickness:	9mm-28mm
Material:	Fine aluminium 6063A
Fire resistance test:	60 minutes
Certification :	CB/CE/UKCA/GLOBAL MARK/60-MINUNTE FIRE RESISTANCE



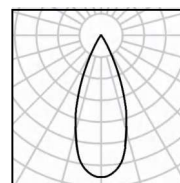
10W Ra98 3000K 15°

h(m)	E(lx)	D(m)
0.5	10728	0.15
1.0	2682	0.31
1.5	1192	0.46
2.0	671	0.61
2.5	429	0.77
3.0	298	0.92



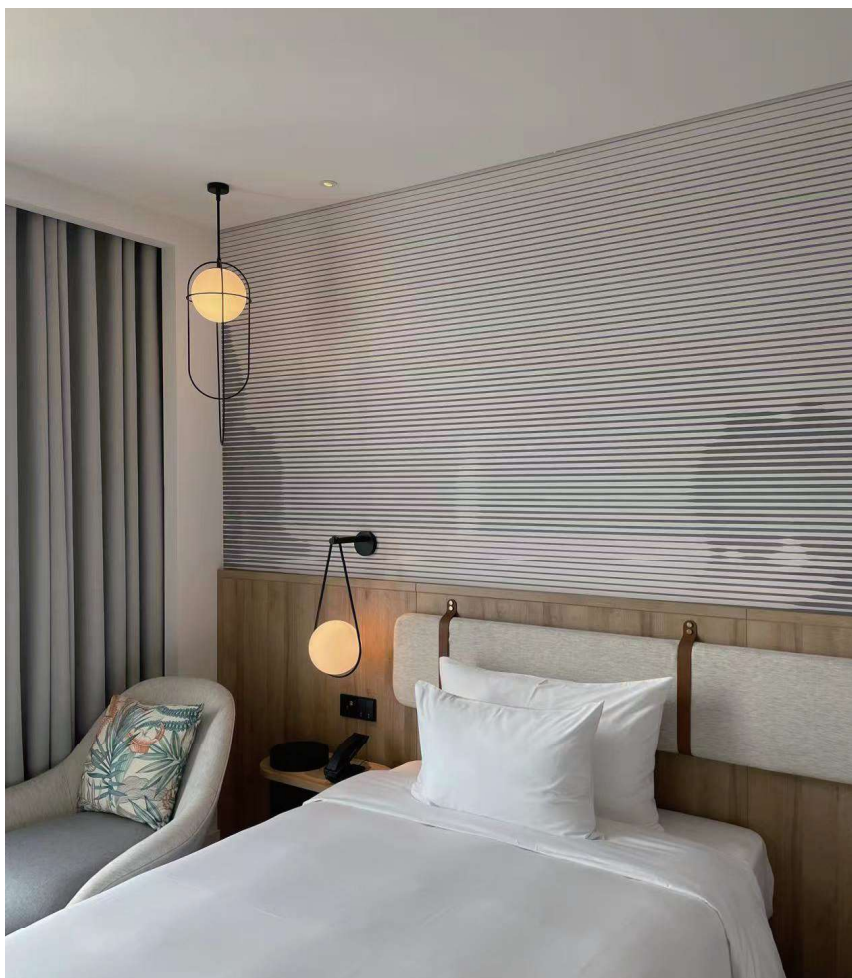
10W Ra98 3000K 24°

h(m)	E(lx)	D(m)
0.5	7580	0.21
1.0	1895	0.42
1.5	842	0.63
2.0	474	0.84
2.5	303	1.04
3.0	211	1.25

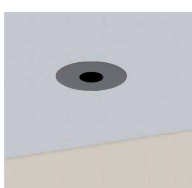


10W Ra98 3000K 36°

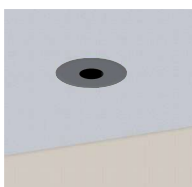
h(m)	E(lx)	D(m)
0.5	4206	0.28
1.0	1051	0.57
1.5	467	0.85
2.0	263	1.14
2.5	168	1.42
3.0	117	1.71



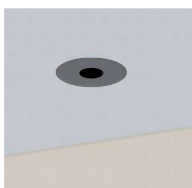
DuraGreen project:
Yacht Hotel, Vietnam



W system	lm system	optics	code
6W	367	15°	AFL5706W-P-30N15
6W	349	24°	AFL5706W-P-30N24
6W	340	36°	AFL5706W-P-30N36



W system	lm system	optics	code
8W	419	15°	AFL5708W-P-30N15
8W	470	24°	AFL5708W-P-30N24
8W	456	36°	AFL5708W-P-30N36



W system	lm system	optics	code
10W	462	15°	AFL5710W-P-30N15
10W	628	24°	AFL5710W-P-30N24
10W	616	36°	AFL5710W-P-30N36

SYSTEM 57



view on website

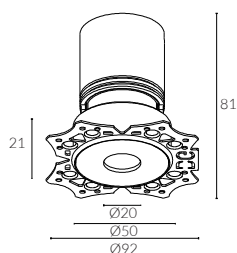
Φ57 ACME Downlight Trimless Adjustable Pinhole



cutout : 57mm



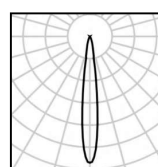
Adjustable Optic



baffle

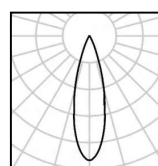


IP Rating:	IP65 Front
Optics:	15°/24°/36°
UGR:	<10
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K/2700K-6000K
Typical Source	
Efficacy (lm/W):	110
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 150mA 6W DC 36V 200mA 8W DC 36V 250mA 10W
Ambient temp:	-20 °C to 45 °C
Class:	II
Optional accessories:	Honeycomb louvre, Solite Lense, Spread Lense, Colour Filter
Material:	Fine aluminium 6063A
Fire resistance test:	60 minutes
Certification :	CB/CE/UKCA/GLOBAL MARK/60-MINUNTE FIRE RESISTANCE



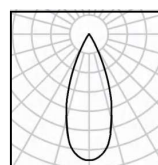
10W Ra98 3000K 15°

h(m)	E(lx)	D(m)
0.5	10728	0.15
1.0	2682	0.31
1.5	1192	0.46
2.0	671	0.61
2.5	429	0.77
3.0	298	0.92



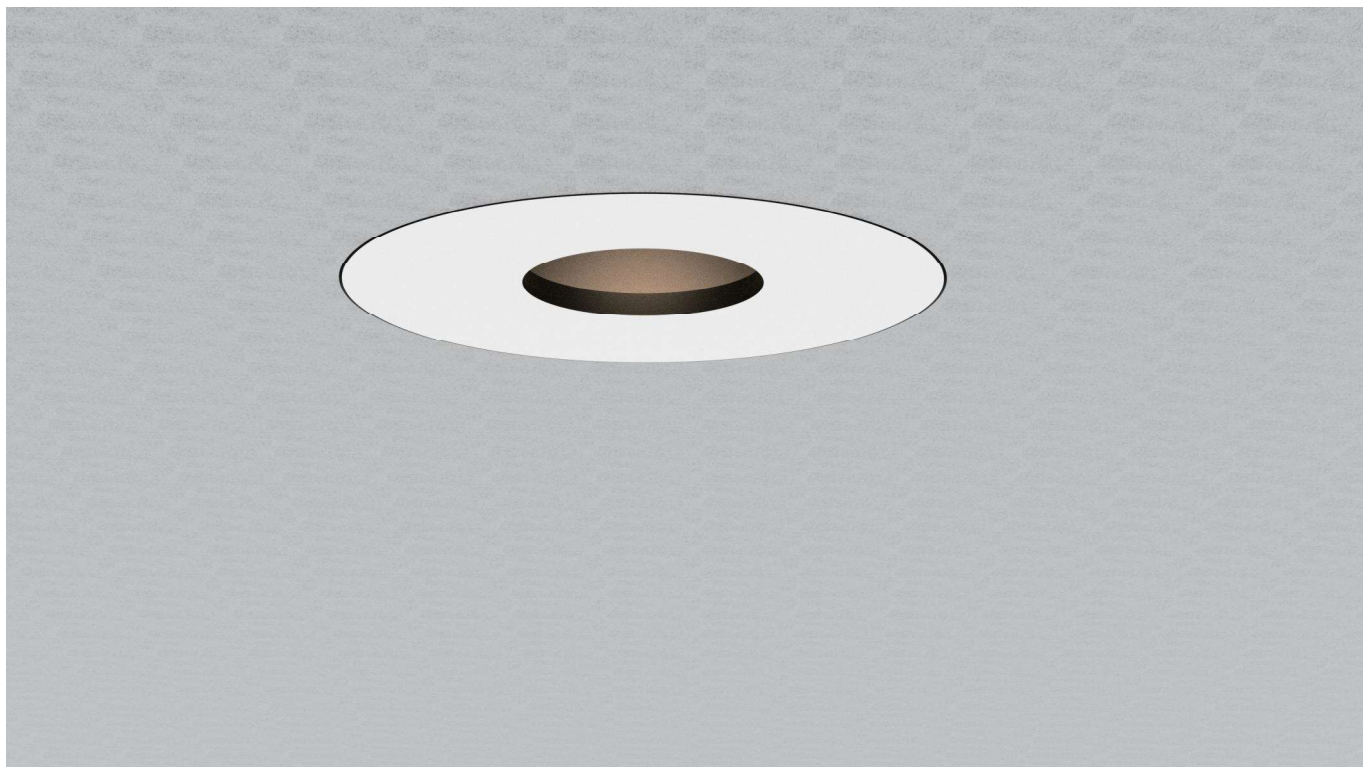
10W Ra98 3000K 24°

h(m)	E(lx)	D(m)
0.5	7580	0.21
1.0	1895	0.42
1.5	842	0.63
2.0	474	0.84
2.5	303	1.04
3.0	211	1.25



10W Ra98 3000K 36°

h(m)	E(lx)	D(m)
0.5	4206	0.28
1.0	1051	0.57
1.5	467	0.85
2.0	263	1.14
2.5	168	1.42
3.0	117	1.71



W system	lm system	optics	code
6W	367	15°	AFL5706W-P-TL-30N15
6W	349	24°	AFL5706W-P-TL-30N24
6W	340	36°	AFL5706W-P-TL-30N36



W system	lm system	optics	code
8W	419	15°	AFL5708W-P-TL-30N15
8W	470	24°	AFL5708W-P-TL-30N24
8W	456	36°	AFL5708W-P-TL-30N36



W system	lm system	optics	code
10W	462	15°	AFL5710W-P-TL-30N15
10W	628	24°	AFL5710W-P-TL-30N24
10W	616	36°	AFL5710W-P-TL-30N36

SYSTEM 57



[view on website](#)

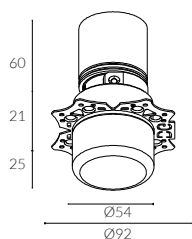
Φ57 ACME Downlight /Wall Light Trimless Fixed Alabaster



cutout :57mm



Fixed Optic

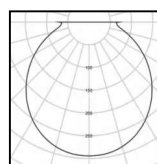


baffle



Alabaster

IP Rating:	IP65 Front
Optics:	120°
UGR:	<10
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source	
Efficacy (lm/W):	110
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 200mA 8W
Ambient temp:	-20 °C to 45 °C
Class:	II
Material:	Fine Aluminium 6063A + Alabaster Stone
Fire resistance test:	60 minutes
Certification:	CB/CE/UKCA/GLOBAL MARK/60-MINUNTE FIRE RESISTANCE



10W Ra98 3000K 120°

h(m)	E(lx)	D(m)
0.5	6	1.78
1.0	2	3.56
1.5	1	5.35



Discover a truly unique mood light, exquisitely crafted from translucent natural stones, each one showcasing distinctive patterns that guarantee individuality. Hand-crafted to perfection, every piece embodies elegance and sophistication. A soft, ethereal glow emanates through the stone, creating a warm and inviting ambience. This stunning stone baffle is also perfectly compatible with ACME 57 pendants, surface lights, and wall lights, effortlessly transforming any space into a luxurious haven.



W system	lm system	optics	code
8W	90	120°	AFL5708W-A-TL-30N120

SYSTEM 57



view on website

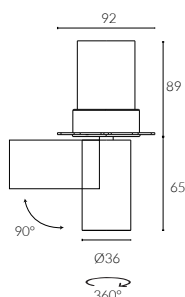
Φ57 ACME In/out Spotlight Trimless Adjustable Spotlight



cutout : 57mm



Adjustable Optic



matt white painted

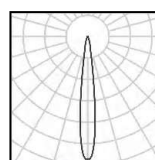


matt black painted



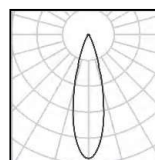
Bespoke

IP Rating:	IP20 and IP44 options
Optics:	15°/24°/36°
UGR:	<10
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K/2700K-6000K
Typical Source	
Efficacy (lm/W):	110
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 200mA 8W
Ambient temp:	-20 °C to 45 °C
Class:	II
Optional accessories:	Honeycomb louvre, Solite Lense, Spread Lense, Colour Filter
Material:	Fine aluminium 6063A
Certification:	CB/CE/UKCA/GLOBAL MARK



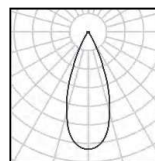
8W Ra98 3000K 15°

h(m)	E(lx)	D(m)
0.5	7550	0.11
1.0	1888	0.22
1.5	839	0.34
2.0	472	0.45
2.5	302	0.56
3.0	210	0.67



8W Ra98 3000K 24°

h(m)	E(lx)	D(m)
0.5	2868	0.24
1.0	717	0.49
1.5	319	0.73
2.0	179	0.98
2.5	115	1.22
3.0	80	1.46

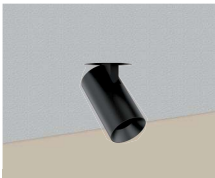


8W Ra98 3000K 36°

h(m)	E(lx)	D(m)
0.5	2108	0.36
1.0	527	0.72
1.5	234	1.08
2.0	132	1.44
2.5	84	1.80
3.0	59	2.16



DuraGreen project:
CO | Michelin Stared Restaurant



W system	lm system	optics	code
8W	328	15°	AFL5708W-IO-TL-30N15
8W	404	24°	AFL5708W-IO-TL-30N24
8W	499	36°	AFL5708W-IO-TL-30N36

SYSTEM 57

Φ57 ACME In/out Spotlight Mini-Trim Adjustable Spotlight



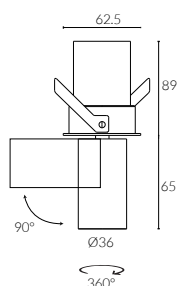
view on website



cutout :57mm



Adjustable Optic



matt white painted

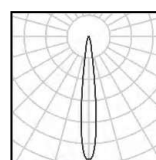


matt black painted



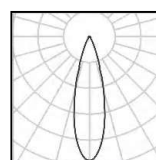
Bespoke

IP Rating:	IP20 and IP44 options
Optics:	15°/24°/36°
UGR:	<10
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K/2700K-6000K
Typical Source	
Efficacy (lm/W):	110
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 200mA 8W
Ambient temp:	-20 °C to 45 °C
Class:	II
Optional accessories:	Honeycomb louvre, Solite Lense, Spread Lense, Colour Filter
Material:	Fine aluminium 6063A
Certification:	CB/CE/UKCA/GLOBAL MARK



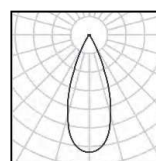
8W Ra98 3000K 15°

h(m)	E(lx)	D(m)
0.5	7550	0.11
1.0	1888	0.22
1.5	839	0.34
2.0	472	0.45
2.5	302	0.56
3.0	210	0.67



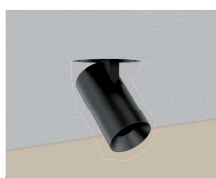
8W Ra98 3000K 24°

h(m)	E(lx)	D(m)
0.5	2868	0.24
1.0	717	0.49
1.5	319	0.73
2.0	179	0.98
2.5	115	1.22
3.0	80	1.46



8W Ra98 3000K 36°

h(m)	E(lx)	D(m)
0.5	2108	0.36
1.0	527	0.72
1.5	234	1.08
2.0	132	1.44
2.5	84	1.80
3.0	59	2.16



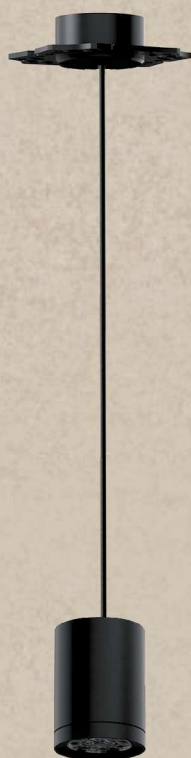
W system	lm system	optics	code
8W	328	15°	AFL5708W-IO-30N15
8W	404	24°	AFL5708W-IO-30N24
8W	499	36°	AFL5708W-IO-30N36

SYSTEM 68



A range of luminaires for embedded installation features the same 68mm cutout installation frames for both downlights and spotlights, offering options for both mini-trim and trimless designs.





At DuraGreen, our products reflect a modular system approach. This simplifies lighting design while enhancing the visual appeal of any space with a uniform ceiling cutout. Customers have found this feature particularly helpful for solving lighting design errors on-site.

SYSTEM 68

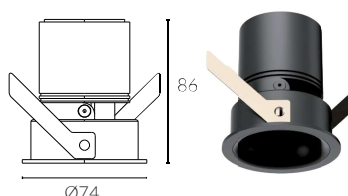
Φ68 ACME Downlight Mini-Trim Adjustable Curve Baffle



[view on website](#)



Adjustable Optic

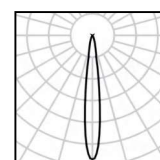


baffle



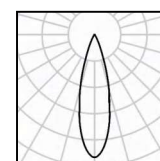
Bespoke

IP Rating:	IP65 Front
Optics:	15°/24°/36°/50°
UGR:	< 10
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source	
Efficacy (lm/W):	110
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 200mA 8W DC 36V 250mA 10W DC 36V 300mA 12W
Ambient temp:	-20 °C to 45 °C
Class:	II
Optional accessories:	Honeycomb louvre, Solite Lense, Spread Lense, Colour Filter
Ceiling Thickness:	9mm-28mm
Material:	Fine aluminium 6063A
Fire resistance test:	60 minutes
Certification:	CB/CE/UKCA/GLOBAL MARK /60-MINUNTE FIRE RESISTANCE



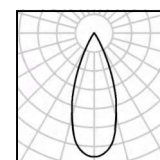
12W Ra98 3000K 15°

h(m)	E(lx)	D(m)
0.5	10897	0.17
1.0	2724	0.33
1.5	1211	0.50
2.0	681	0.66
2.5	436	0.83
3.0	303	0.99



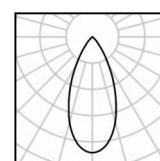
12W Ra98 3000K 24°

h(m)	E(lx)	D(m)
0.5	8621	0.20
1.0	2155	0.41
1.5	958	0.61
2.0	539	0.81
2.5	345	1.02
3.0	239	1.22



12W Ra98 3000K 36°

h(m)	E(lx)	D(m)
0.5	4792	0.28
1.0	1198	0.55
1.5	532	0.83
2.0	300	1.10
2.5	192	1.38
3.0	133	1.65



12W Ra98 3000K 50°

h(m)	E(lx)	D(m)
0.5	1608	0.47
1.0	402	0.93
1.5	179	1.40
2.0	100	1.87
2.5	64	2.33
3.0	45	2.80



DuraGreen project:
Home Cinema in London



W system	lm system	optics	code
8W	508	15°	AFL6808W-C-30N15
8W	486	24°	AFL6808W-C-30N24
8W	474	36°	AFL6808W-C-30N36
8W	406	50°	AFL6808W-C-30N50



W system	lm system	optics	code
10W	559	15°	AFL6810W-C-30N15
10W	548	24°	AFL6810W-C-30N24
10W	529	36°	AFL6810W-C-30N36
10W	434	50°	AFL6810W-C-30N50



W system	lm system	optics	code
12W	648	15°	AFL6812W-C-30N15
12W	636	24°	AFL6812W-C-30N24
12W	624	36°	AFL6812W-C-30N36
12W	583	50°	AFL6812W-C-30N50

SYSTEM 68

Φ68 ACME Downlight Trimless Adjustable Curve Baffle



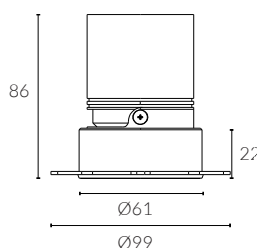
view on website



cutout : 68mm



Adjustable Optic



baffle



Black Painted 9005



White Painted 9016

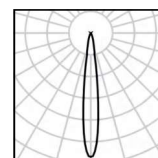


Solid Brass



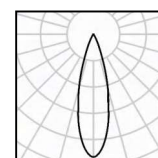
Bespoke

IP Rating:	IP65 Front
Optics:	15°/24°/36°/50°
UGR:	<10
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source Efficacy (lm/W):	110
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 200mA 8W DC 36V 250mA 10W DC 36V 300mA 12W
Ambient temp:	-20 °C to 45 °C
Class:	II
Optional accessories:	Honeycomb louver, Solite Lense, Spread Lense, Colour Filter
Material:	Fine aluminium 6063A
Fire resistance test:	60 minutes
Certification:	CB/CE/UKCA/GLOBAL MARK /60-MINUTE FIRE RESISTANCE



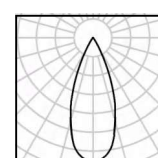
12W Ra98 3000K 15°

h(m)	E(lx)	D(m)
0.5	10897	0.17
1.0	2724	0.33
1.5	1211	0.50
2.0	681	0.66
2.5	436	0.83
3.0	303	0.99



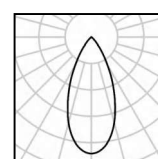
12W Ra98 3000K 24°

h(m)	E(lx)	D(m)
0.5	8621	0.20
1.0	2155	0.41
1.5	958	0.61
2.0	539	0.81
2.5	345	1.02
3.0	239	1.22



12W Ra98 3000K 36°

h(m)	E(lx)	D(m)
0.5	4792	0.28
1.0	1198	0.55
1.5	532	0.83
2.0	300	1.10
2.5	192	1.38
3.0	133	1.65



12W Ra98 3000K 50°

h(m)	E(lx)	D(m)
0.5	1608	0.47
1.0	402	0.93
1.5	179	1.40
2.0	100	1.87
2.5	64	2.33
3.0	45	2.80



DuraGreen project:
Home in London



W system	lm system	optics	code
8W	508	15°	AFL6808W-C-TL-30N15
8W	486	24°	AFL6808W-C-TL-30N24
8W	474	36°	AFL6808W-C-TL-30N36
8W	406	50°	AFL6808W-C-TL-30N50



W system	lm system	optics	code
10W	559	15°	AFL6810W-C-TL-30N15
10W	548	24°	AFL6810W-C-TL-30N24
10W	529	36°	AFL6810W-C-TL-30N36
10W	434	50°	AFL6810W-C-TL-30N50



W system	lm system	optics	code
12W	648	15°	AFL6812W-C-TL-30N15
12W	636	24°	AFL6812W-C-TL-30N24
12W	624	36°	AFL6812W-C-TL-30N36
12W	583	50°	AFL6812W-C-TL-30N50

SYSTEM 68

Φ68 ACME Downlight Trimless Adjustable Semi Baffle



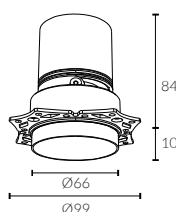
view on website



cutout: 68mm



Adjustable Optic



baffle



Black Painted
9005



White Painted
9016

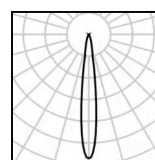


Solid Brass



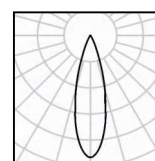
Bespoke

IP Rating:	IP65 Front
Optics:	15°/24°/36°/50°
UGR:	<10
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source	
Efficacy (lm/W):	110
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 200mA 8W DC 36V 250mA 10W DC 36V 300mA 12W
Ambient temp:	-20 °C to 45 °C
Class:	II
Optional accessories:	Honeycomb louver, Solite Lense, Spread Lense, Colour Filter
Material:	Fine aluminium 6063A
Fire resistance test:	60 minutes
Certification:	CB/CE/UKCA/GLOBAL MARK /60-MINUTE FIRE RESISTANCE



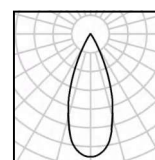
12W Ra98 3000K 15°

h(m)	E(lx)	D(m)
0.5	10897	0.17
1.0	2724	0.33
1.5	1211	0.50
2.0	681	0.66
2.5	436	0.83
3.0	303	0.99



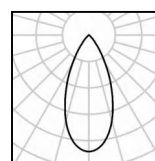
12W Ra98 3000K 24°

h(m)	E(lx)	D(m)
0.5	8621	0.20
1.0	2155	0.41
1.5	958	0.61
2.0	539	0.81
2.5	345	1.02
3.0	239	1.22



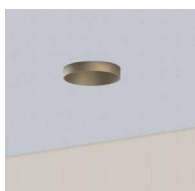
12W Ra98 3000K 36°

h(m)	E(lx)	D(m)
0.5	4792	0.28
1.0	1198	0.55
1.5	532	0.83
2.0	300	1.10
2.5	192	1.38
3.0	133	1.65

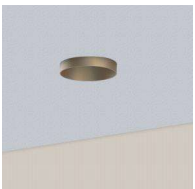


12W Ra98 3000K 50°

h(m)	E(lx)	D(m)
0.5	1608	0.47
1.0	402	0.93
1.5	179	1.40
2.0	100	1.87
2.5	64	2.33
3.0	45	2.80



W system	lm system	optics	code
8W	508	15°	AFL6808W-M-TL-30N15
8W	486	24°	AFL6808W-M-TL-30N24
8W	474	36°	AFL6808W-M-TL-30N36
8W	406	50°	AFL6808W-M-TL-30N50



W system	lm system	optics	code
10W	559	15°	AFL6810W-M-TL-30N15
10W	548	24°	AFL6810W-M-TL-30N24
10W	529	36°	AFL6810W-M-TL-30N36
10W	434	50°	AFL6810W-M-TL-30N50



W system	lm system	optics	code
12W	648	15°	AFL6812W-M-TL-30N15
12W	636	24°	AFL6812W-M-TL-30N24
12W	624	36°	AFL6812W-M-TL-30N36
12W	583	50°	AFL6812W-M-TL-30N50

SYSTEM 68



view on website

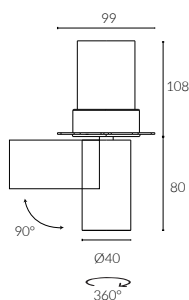
Φ68 ACME In/out Spotlight Trimless Adjustable Spotlight



cutout : 68mm



Adjustable Optic



matt white painted

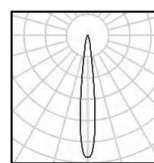


matt black painted



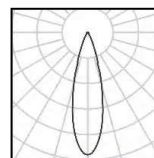
Bespoke

IP Rating:	IP20 and IP44 options
Optics:	15°/24°/36°/50°
UGR:	<10
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source	
Efficacy (lm/W):	110
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 250mA 10W
Ambient temp:	-20 °C to 45 °C
Class:	II
Optional accessories:	Honeycomb louver, Solite Lense, Spread Lense, Colour Filter
Material:	Fine aluminium 6063A
Certification:	CB/CE/UKCA/GLOBAL MARK



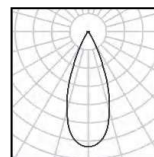
10W Ra98 3000K 15°

h(m)	E(lx)	D(m)
0.5	8822	0.15
1.0	2206	0.30
1.5	980	0.45
2.0	551	0.60
2.5	353	0.76
3.0	245	0.91



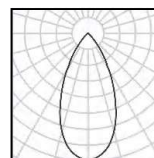
10W Ra98 3000K 24°

h(m)	E(lx)	D(m)
0.5	6615	0.23
1.0	1654	0.46
1.5	735	0.69
2.0	413	0.92
2.5	265	1.15
3.0	184	1.37



10W Ra98 3000K 36°

h(m)	E(lx)	D(m)
0.5	3458	0.32
1.0	864	0.65
1.5	384	0.97
2.0	216	1.29
2.5	138	1.61
3.0	96	1.94

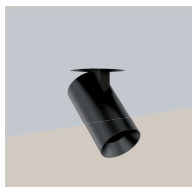


10W Ra98 3000K 50°

h(m)	E(lx)	D(m)
0.5	2048	0.45
1.0	512	0.89
1.5	228	1.34
2.0	128	1.79
2.5	82	2.24
3.0	57	2.68



DuraGreen project:
Home in London



W system	lm system	optics	code
10W	501	15°	AFL6810W-IO-TL-30N15
10W	653	24°	AFL6810W-IO-TL-30N24
10W	692	36°	AFL6810W-IO-TL-30N36
10W	676	50°	AFL6810W-IO-TL-30N50

SYSTEM 68



view on website

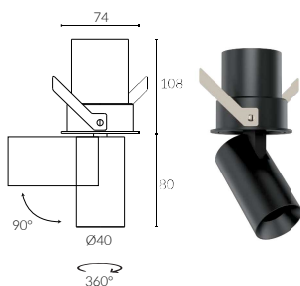
Φ68 ACME In/out Spotlight Mini-Trim Adjustable Spotlight



cutout : 68mm



Adjustable Optic



matt white painted

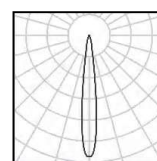


matt black painted



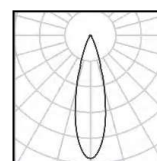
Bespoke

IP Rating:	IP20 and IP44 options
Optics:	15°/24°/36°/50°
UGR:	<10
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source	
Efficacy (lm/W):	110
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 250mA 10W
Ambient temp:	-20 °C to 45 °C
Class:	II
Optional accessories:	Honeycomb Louvre, Solite Lense, Spread Lense, Colour Filter
Ceiling Thickness:	9mm-28mm
Material:	Fine aluminium 6063A
Certification:	CB/CE/UKCA/GLOBAL MARK



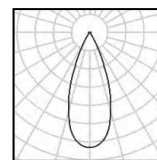
10W Ra98 3000K 15°

h(m)	E(lx)	D(m)
0.5	8822	0.15
1.0	2206	0.30
1.5	980	0.45
2.0	551	0.60
2.5	353	0.76
3.0	245	0.91



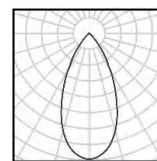
10W Ra98 3000K 24°

h(m)	E(lx)	D(m)
0.5	6615	0.23
1.0	1654	0.46
1.5	735	0.69
2.0	413	0.92
2.5	265	1.15
3.0	184	1.37



10W Ra98 3000K 36°

h(m)	E(lx)	D(m)
0.5	3458	0.32
1.0	864	0.65
1.5	384	0.97
2.0	216	1.29
2.5	138	1.61
3.0	96	1.94



10W Ra98 3000K 50°

h(m)	E(lx)	D(m)
0.5	2048	0.45
1.0	512	0.89
1.5	228	1.34
2.0	128	1.79
2.5	82	2.24
3.0	57	2.68



DuraGreen project:
MESTRE Showroom



W system	lm system	optics	code
10W	501	15°	AFL6810W-IO-30N15
10W	653	24°	AFL6810W-IO-30N24
10W	692	36°	AFL6810W-IO-30N36
10W	676	50°	AFL6810W-IO-30N50

SYSTEM 68

Φ68 ACME Downlight Mini-Trim Adjustable Wall-Washer



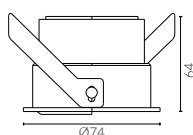
view on website



cutout :68mm



Wall Wash Optic



baffle



Black Painted
9005

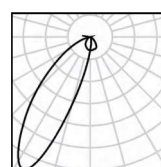


White Painted
9016



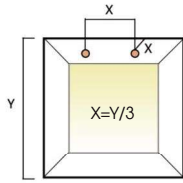
Bespoke

IP Rating:	IP65 Front
Optics:	Asymmetrical Wallwash
UGR:	<10
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source Efficacy (lm/W):	110
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 350mA 15W
Ambient temp:	-20 °C to 45 °C
Class:	II
Ceiling Thickness:	9mm-28mm
Material:	Fine aluminium 6063A
Fire resistance test:	60 minutes
Certification:	CB/CE/UKCA/GLOBAL MARK/60-MINUNTE FIRE RESISTANCE



15W Ra98 3000K
Asymmetrical

h(m)	E(lx)	D(m)
0.5	50	0.82
1.0	12	1.64
1.5	6	2.46
2.0	3	3.27
2.5	2	4.09
3.0	1	4.91



X = distance to wall
= ceiling height ÷ 3

W system	lm system	optics	code
15W	448	Asymmetrical Wallwash	MFL6815W-30NWS

SYSTEM 68

Φ68 ACME Downlight Trimless Adjustable Wall-Washer



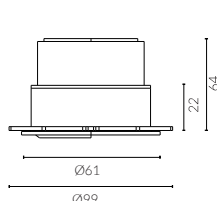
[view on website](#)



cutout :68mm



Wall Wash Optic



baffle



Black Painted
9005

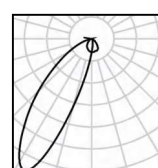


White Painted
9016



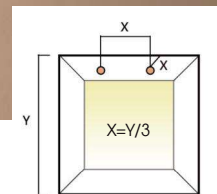
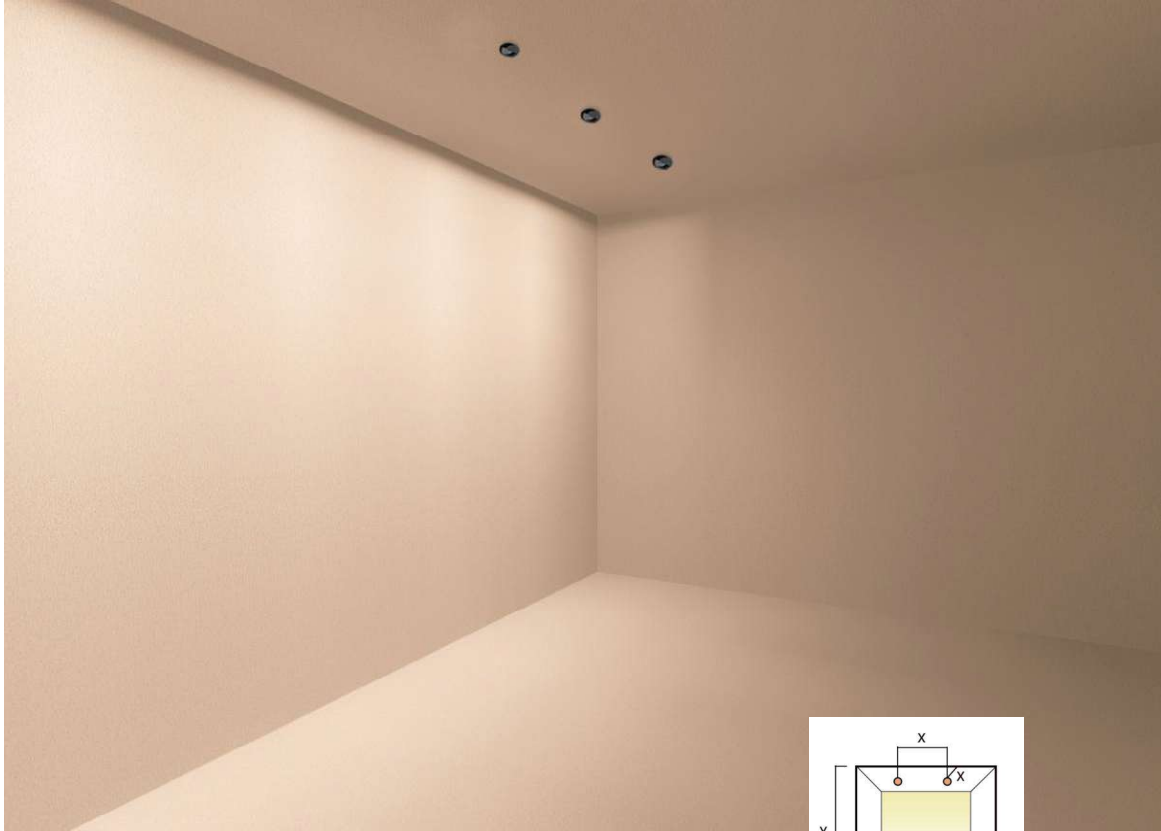
Bespoke

IP Rating:	IP65 Front
Optics:	Asymmetrical Wallwash
UGR:	<10
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source	
Efficacy (lm/W):	110
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 350mA 15W
Ambient temp:	-20 °C to 45 °C
Class:	II
Material:	Fine aluminium 6063A
Fire resistance test:	60 minutes
Certification:	CB/CE/UKCA/GLOBAL MARK/60-MINUNTE FIRE RESISTANCE



15W Ra98 3000K
Asymmetrical

h(m)	E(lx)	D(m)
0.5	50	0.82
1.0	12	1.64
1.5	6	2.46
2.0	3	3.27
2.5	2	4.09
3.0	1	4.91



X = distance to wall
= ceiling height ÷ 3



W system	lm system	optics	code
15W	448	Asymmetrical Wallwash	MFL6815W-TL-30NWS

SYSTEM 68

Φ68 GLAMO Zoomable Spotlight Trimless Adjustable Spotlight



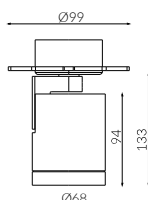
view on website



cutout : 68mm



Adjustable Optic



matt white painted



matt black painted



Bespoke

IP Rating:

IP20 and IP44 options

Optics:

Zoomable 15°-50°

UGR:

< 17

CRI:

98Ra

Lifetime:

> 50,000 hrs (L70 B10)

CCT:

2700K/3000K

Typical Source

Efficacy (lm/W):

110

Control:

On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi

Binning:

2 Step MacAdams

Input:

AC220-240V 50/60Hz

Output:

DC 36V 300mA 12W

Ambient temp:

-20 °C to 45 °C

Class:

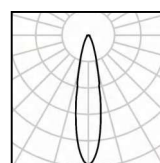
II

Material:

Fine aluminium 6063A

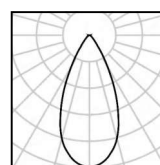
Certification:

CB/CE/UKCA/GLOBAL MARK



12W Ra98 3000K 15°

h(m)	E(lx)	D(m)
0.5	12099	0.14
1.0	3025	0.27
1.5	1344	0.41
2.0	756	0.54
2.5	484	0.68
3.0	336	0.81



12W Ra98 3000K 40°

h(m)	E(lx)	D(m)
0.5	2174	0.38
1.0	544	0.76
1.5	242	1.14
2.0	136	1.52
2.5	87	1.90
3.0	60	2.28



The Anatomy of Persephone
GARETH TRISTAIN EDWARDS
9 Layers (Resin on Edgework 20)
Acrylic, gouache and gold leaf, 3D relief effect
gold, copper and red velvet silver leaf effect
Size 100 x 150 cm
£1995
benkcontemporary.com

DuraGreen project:
Showroom in London



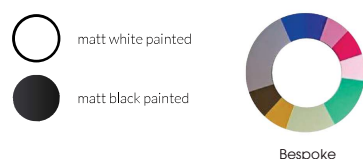
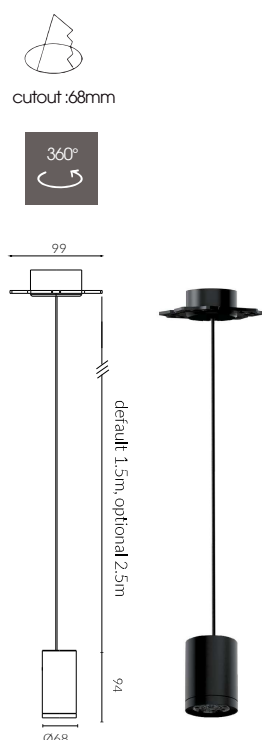
W system	lm system	optics	code
12W	756-747	15°- 50°	TL6812W-30N1550

SYSTEM 68

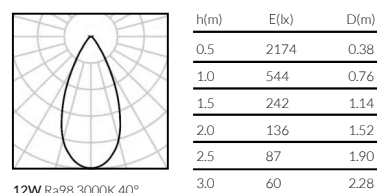
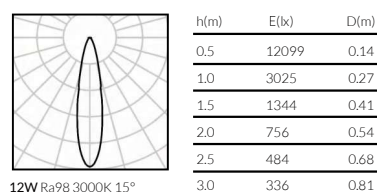


[view on website](#)

Φ68 GLAMO Zoomable Pendant Trimless Pendant

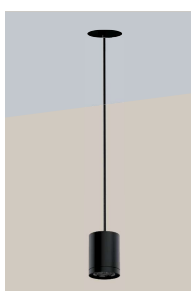


IP Rating:	IP20 and IP44 options
Optics:	Zoomable 15°-50°
UGR:	<17
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source Efficacy (lm/W):	110
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning:	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 300mA 12W
Ambient temp:	-20 °C to 45 °C
Class:	II
Material:	Fine aluminium 6063A





DuraGreen project:
Rimadesio Showroom, Shenzhen



W system	lm system	optics	code
12W	756-747	15°- 50°	TLP6812W-30N1550

ACME

SYSTEM 78



A range of luminaires for embedded installation features the same 78mm cutout installation frames for both downlights and spotlights, offering options for both mini-trim and trimless designs.



SYSTEM 78

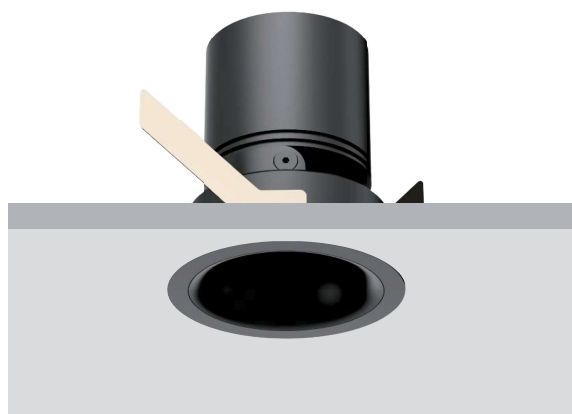
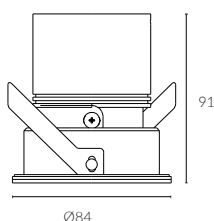
Φ78 ACME Downlight Mini-Trim Adjustable Curve Baffle



[view on website](#)



Adjustable Optic

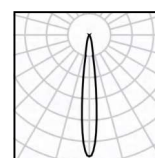


baffle



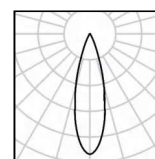
Bespoke

IP Rating:	IP65 Front
Optics:	15°/24°/36°/50°
UGR:	<10
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source Efficacy (lm/W):	110
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 200mA 8W DC 36V 250mA 10W DC 36V 300mA 12W
Ambient temp:	-20 °C to 45 °C
Class:	II
Optional accessories:	Honeycomb louvre, Solite Lense, Spread Lense, Colour Filter
Ceiling Thickness:	9mm-28mm
Material:	Fine aluminium 6063A
Fire resistance test:	60 minutes
Certification:	CB/CE/UKCA/GLOBAL MARK/ /60-MINUTE FIRE RESISTANCE /EC 62471 Exempt Group



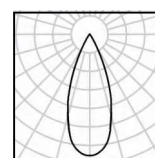
12W Ra98 3000K 15°

h(m)	E(lx)	D(m)
0.5	18360	0.13
1.0	4590	0.26
1.5	2040	0.39
2.0	1148	0.52
2.5	734	0.65
3.0	510	0.78



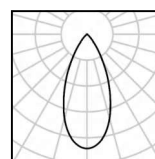
12W Ra98 3000K 24°

h(m)	E(lx)	D(m)
0.5	6420	0.22
1.0	1605	0.44
1.5	713	0.65
2.0	401	0.87
2.5	257	1.09
3.0	178	1.31



12W Ra98 3000K 36°

h(m)	E(lx)	D(m)
0.5	2791	0.31
1.0	698	0.62
1.5	310	0.93
2.0	174	1.25
2.5	112	1.56
3.0	78	1.87



12W Ra98 3000K 50°

h(m)	E(lx)	D(m)
0.5	1324	0.52
1.0	331	1.03
1.5	147	1.55
2.0	83	2.06
2.5	53	2.58
3.0	37	3.10



DuraGreen project:
Convent Garden, Londoner Hotel, Macau



W system	lm system	optics	code
8W	450	15°	AFL7808W-C-30N15
8W	442	24°	AFL7808W-C-30N24
8W	397	36°	AFL7808W-C-30N36
8W	327	50°	AFL7808W-C-30N50



W system	lm system	optics	code
10W	580	15°	AFL7810W-C-30N15
10W	563	24°	AFL7810W-C-30N24
10W	519	36°	AFL7810W-C-30N36
10W	500	50°	AFL7810W-C-30N50



W system	lm system	optics	code
12W	689	15°	AFL7812W-C-30N15
12W	671	24°	AFL7812W-C-30N24
12W	618	36°	AFL7812W-C-30N36
12W	598	50°	AFL7812W-C-30N50

SYSTEM 78

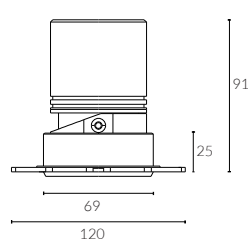
Φ78 ACME Downlight Trimless Adjustable Curve Baffle



view on website



Adjustable Optic



baffle



Black Painted
9005



White Painted
9016

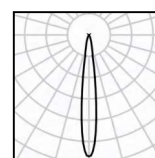


Solid Brass



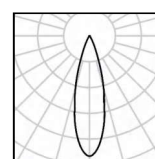
Bespoke

IP Rating:	IP65 Front
Optics:	15°/24°/36°/50°
UGR:	<10
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source	
Efficacy (lm/W):	110
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 200mA 8W DC 36V 250mA 10W DC 36V 300mA 12W
Ambient temp:	-20 °C to 45 °C
Class:	II
Optional accessories:	Honeycomb louvre, Solite Lense, Spread Lense, Colour Filter
Material:	Fine aluminium 6063A
Fire resistance test:	60 minutes
Certification:	CB/CE/UKCA/GLOBAL MARK/ /60-MINUTE FIRE RESISTANCE /EC 62471 Exempt Group



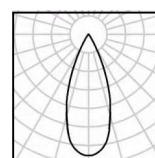
12W Ra98 3000K 15°

h(m)	E(lx)	D(m)
0.5	18360	0.13
1.0	4590	0.26
1.5	2040	0.39
2.0	1148	0.52
2.5	734	0.65
3.0	510	0.78



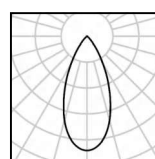
12W Ra98 3000K 24°

h(m)	E(lx)	D(m)
0.5	6420	0.22
1.0	1605	0.44
1.5	713	0.65
2.0	401	0.87
2.5	257	1.09
3.0	178	1.31



12W Ra98 3000K 36°

h(m)	E(lx)	D(m)
0.5	2791	0.31
1.0	698	0.62
1.5	310	0.93
2.0	174	1.25
2.5	112	1.56
3.0	78	1.87



12W Ra98 3000K 50°

h(m)	E(lx)	D(m)
0.5	1324	0.52
1.0	331	1.03
1.5	147	1.55
2.0	83	2.06
2.5	53	2.58
3.0	37	3.10



DuraGreen project:
Poltrona Frau Flagship Store, Tianjin



W system	lm system	optics	code
8W	450	15°	AFL7808W-C-TL-30N15
8W	442	24°	AFL7808W-C-TL-30N24
8W	397	36°	AFL7808W-C-TL-30N36
8W	327	50°	AFL7808W-C-TL-30N50



W system	lm system	optics	code
10W	580	15°	AFL7810W-C-TL-30N15
10W	563	24°	AFL7810W-C-TL-30N24
10W	519	36°	AFL7810W-C-TL-30N36
10W	500	50°	AFL7810W-C-TL-30N50



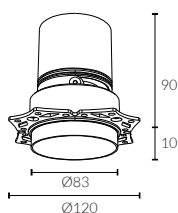
W system	lm system	optics	code
12W	689	15°	AFL7812W-C-TL-30N15
12W	671	24°	AFL7812W-C-TL-30N24
12W	618	36°	AFL7812W-C-TL-30N36
12W	598	50°	AFL7812W-C-TL-30N50

SYSTEM 78



[view on website](#)

Φ78 ACME Downlight Trimless Adjustable Semi Baffle

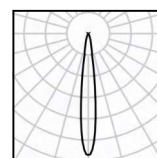


baffle



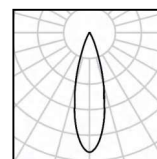
Bespoke

IP Rating:	IP65 Front
Optics:	15°/24°/36°/50°
UGR:	<10
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source Efficacy (lm/W):	110
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 200mA 8W DC 36V 250mA 10W DC 36V 300mA 12W
Ambient temp:	-20 °C to 45 °C
Class:	II
Optional accessories:	Honeycomb louvre, Solite Lense, Spread Lense, Colour Filter
Material:	Fine aluminium 6063A
Fire resistance test:	60 minutes
Certification:	CB/CE/UKCA/GLOBAL MARK/ /60-MINUTE FIRE RESISTANCE /EC 62471 Exempt Group



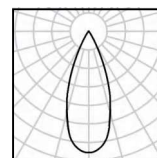
12W Ra98 3000K 15°

h(m)	E(lx)	D(m)
0.5	18360	0.13
1.0	4590	0.26
1.5	2040	0.39
2.0	1148	0.52
2.5	734	0.65
3.0	510	0.78



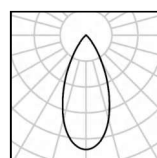
12W Ra98 3000K 24°

h(m)	E(lx)	D(m)
0.5	6420	0.22
1.0	1605	0.44
1.5	713	0.65
2.0	401	0.87
2.5	257	1.09
3.0	178	1.31



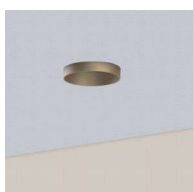
12W Ra98 3000K 36°

h(m)	E(lx)	D(m)
0.5	2791	0.31
1.0	698	0.62
1.5	310	0.93
2.0	174	1.25
2.5	112	1.56
3.0	78	1.87

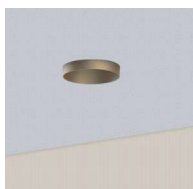


12W Ra98 3000K 50°

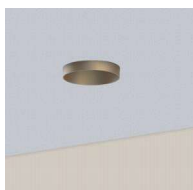
h(m)	E(lx)	D(m)
0.5	1324	0.52
1.0	331	1.03
1.5	147	1.55
2.0	83	2.06
2.5	53	2.58
3.0	37	3.10



W system	lm system	optics	code
8W	450	15°	AFL7808W-M-TL-30N15
8W	442	24°	AFL7808W-M-TL-30N24
8W	397	36°	AFL7808W-M-TL-30N36
8W	327	50°	AFL7808W-M-TL-30N50



W system	lm system	optics	code
10W	580	15°	AFL7810W-M-TL-30N15
10W	563	24°	AFL7810W-M-TL-30N24
10W	519	36°	AFL7810W-M-TL-30N36
10W	500	50°	AFL7810W-M-TL-30N50



W system	lm system	optics	code
12W	689	15°	AFL7812W-M-TL-30N15
12W	671	24°	AFL7812W-M-TL-30N24
12W	618	36°	AFL7812W-M-TL-30N36
12W	598	50°	AFL7812W-M-TL-30N50

SYSTEM 78



view on website

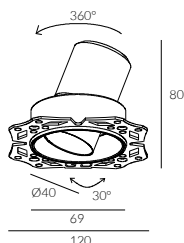
Φ78 BELLA Zoom Short Snoot Downlight Trimless Adjustable Downlight



cutout : 78mm



Adjustable Optic



baffle



Black Painted 9005



White Painted 9016

Signature Metal Finishes



Polished Brass



Antique Brass



Copper Bronze

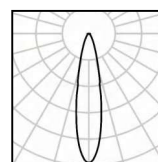


Aged Brass



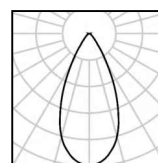
Bright Chrome

IP Rating:	IP20 and IP44 options
Optics:	Zoomable 20°-50°
UGR:	<10
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source	
Efficacy (lm/W):	110
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 250mA 10W
Ambient temp:	-20 °C to 45 °C
Class:	II
Optional accessories:	Honeycomb Louvre, Solite Lense, Spread Lense, Colour Filter
Material:	Fine aluminium 6063A
Certification:	CB/CE/UKCA/GLOBAL MARK



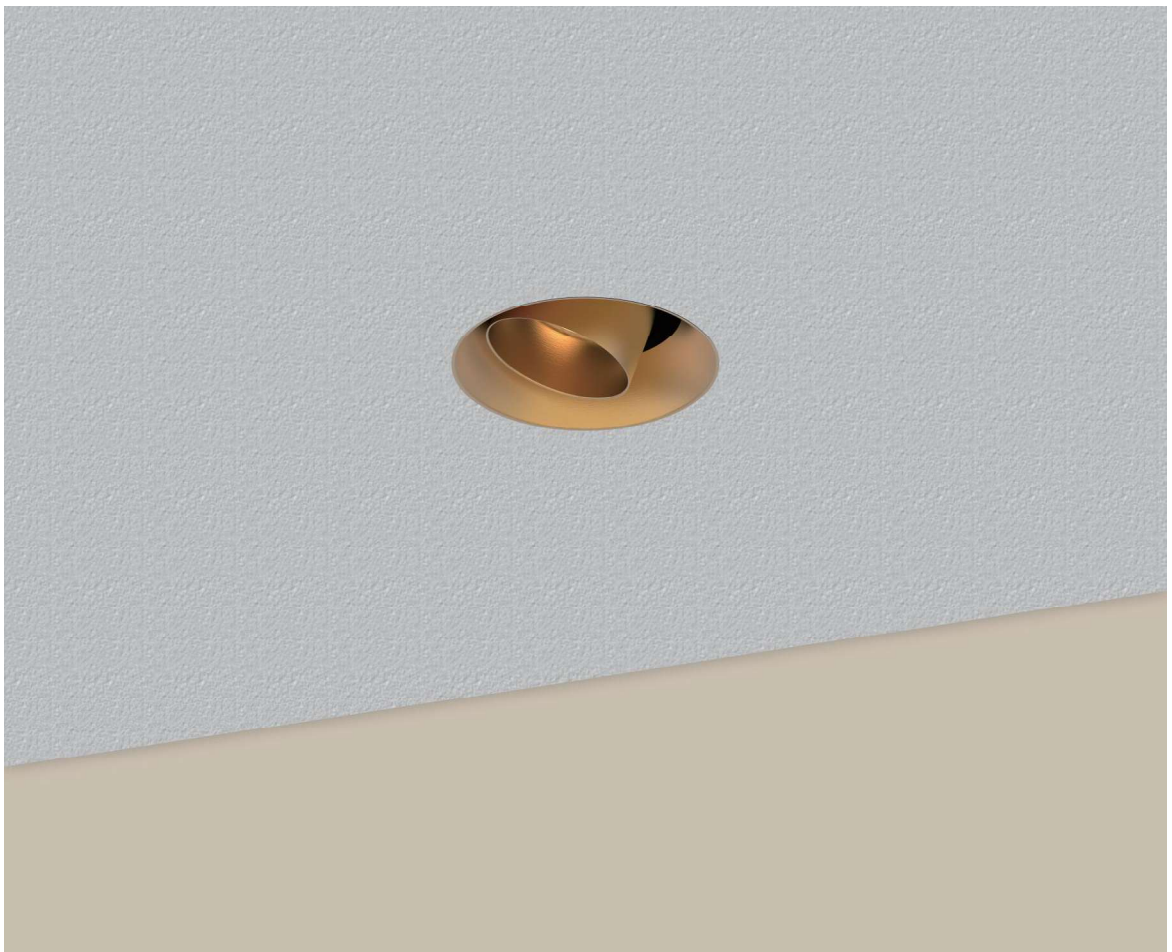
10W Ra98 3000K 20°

h(m)	E(lx)	D(m)
0.5	4916	0.20
1.0	1229	0.40
1.5	546	0.59
2.0	307	0.79
2.5	197	0.99
3.0	137	1.19



10W Ra98 3000K 50°

h(m)	E(lx)	D(m)
0.5	1480	0.44
1.0	370	0.88
1.5	164	1.32
2.0	92	1.76
2.5	59	2.21
3.0	41	2.65



W system	lm system	optics	code
10W	703-690	20°- 50°	AFL7810W-SS-TL-30N2050

SYSTEM 78



view on website

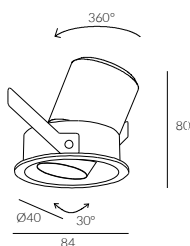
Φ78 BELLA Zoom Short Snoot Downlight Mini-Trim Adjustable Downlight



cutout : 78mm



Adjustable Optic



baffle



Black Painted 9005



White Painted 9016

Signature Metal Finishes



Polished Brass



Antique Brass



Copper Bronze



Aged Brass



Bright Chrome

IP Rating: IP20 and IP44 options

Optics: Zoomable 20°-50°

UGR: < 10

CRI: 98Ra

Lifetime: >50,000 hrs (L70 B10)

CCT: 2700K/3000K

Typical Source

Efficacy (lm/W): 110

Control: On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi

Binning 2 Step MacAdams

Input: AC220-240V 50/60Hz

Output: DC 36V 250mA 10W

Ambient temp: -20 °C to 45 °C

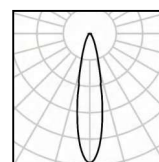
Class: II

Optional accessories: Honeycomb louver, Solite Lense, Spread Lense, Colour Filter

Ceiling Thickness: 9mm-28mm

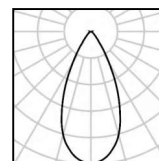
Material: Fine aluminium 6063A

Certification: CB/CE/UKCA/GLOBAL MARK



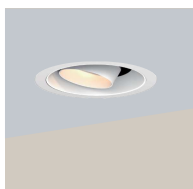
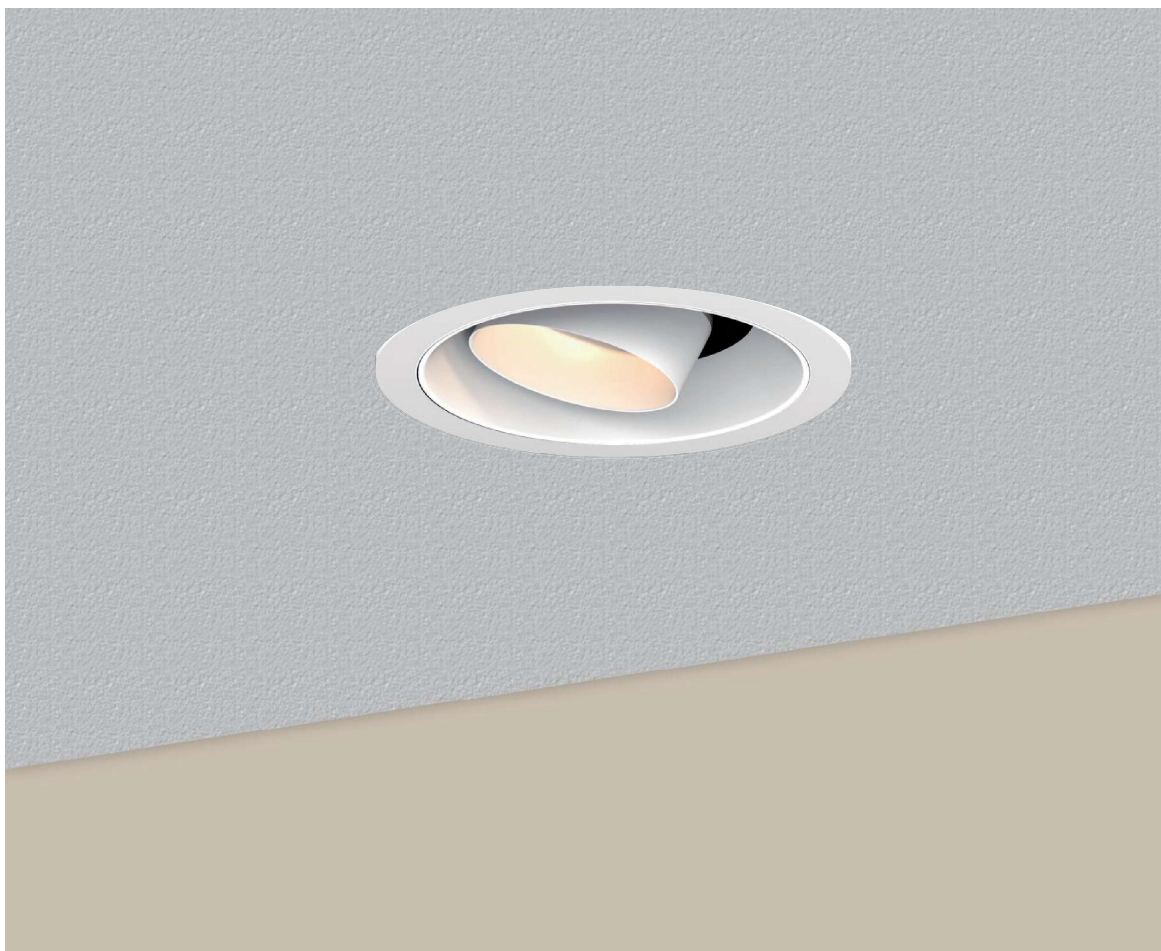
10W Ra98 3000K 20°

h(m)	E(lx)	D(m)
0.5	4916	0.20
1.0	1229	0.40
1.5	546	0.59
2.0	307	0.79
2.5	197	0.99
3.0	137	1.19



10W Ra98 3000K 50°

h(m)	E(lx)	D(m)
0.5	1480	0.44
1.0	370	0.88
1.5	164	1.32
2.0	92	1.76
2.5	59	2.21
3.0	41	2.65



W system	lm system	optics	code
10W	703-690	20°- 50°	AFL7810W-SS-30N2050

SYSTEM 78



view on website

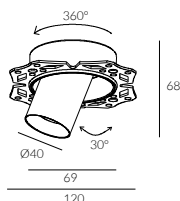
Φ78 BELLA Zoom Long Snoot Downlight Trimless Adjustable Downlight



cutout : 78mm



Adjustable Optic



baffle



Black Painted 9005



White Painted 9016

Signature Metal Finishes



Polished Brass



Antique Brass



Copper Bronze

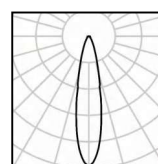


Aged Brass



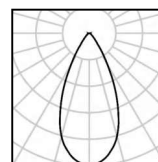
Bright Chrome

IP Rating:	IP20 and IP44 options
Optics:	Zoomable 20°-50°
UGR:	<10
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source	
Efficacy (lm/W):	110
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 250mA 10W
Ambient temp:	-20 °C to 45 °C
Class:	II
Optional accessories:	Honeycomb louvre, Solite Lense, Spread Lense, Colour Filter
Material:	Fine aluminium 6063A
Certification:	CB/CE/UKCA/GLOBAL MARK



10W Ra98 3000K 20°

h(m)	E(lx)	D(m)
0.5	4916	0.20
1.0	1229	0.40
1.5	546	0.59
2.0	307	0.79
2.5	197	0.99
3.0	137	1.19



10W Ra98 3000K 50°

h(m)	E(lx)	D(m)
0.5	1480	0.44
1.0	370	0.88
1.5	164	1.32
2.0	92	1.76
2.5	59	2.21
3.0	41	2.65



W system	lm system	optics	code
10W	703-690	20°- 50°	AFL7810W-LS-TL-30N2050

SYSTEM 78



view on website

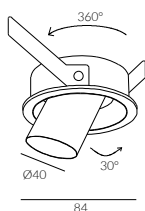
Φ78 BELLA Zoom Long Snoot Downlight Mini-Trim Adjustable Downlight



cutout : 78mm



Adjustable Optic



baffle

Black Painted
9005

White Painted
9016

Signature Metal Finishes

Polished
Brass

Antique
Brass

Copper
Bronze

Aged
Brass

Bright
Chrome

IP Rating:

IP20 and IP44 options

Optics:

Zoomable 20°-50°

UGR:

<10

CRI:

98Ra

Lifetime:

>50,000 hrs (L70 B10)

CCT:

2700K/3000K

Typical Source

Efficacy (lm/W):

110

Control:

On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi

Binning

2 Step MacAdams

Input:

AC220-240V 50/60Hz

Output:

DC 36V 250mA 10W

Ambient temp:

-20 °C to 45 °C

Class:

II

Optional accessories:

Honeycomb louver, Solite Lense, Spread Lense,
Colour Filter

Ceiling Thickness:

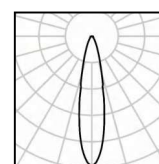
9mm-28mm

Material:

Fine aluminium 6063A

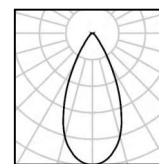
Certification:

CB/CE/UKCA/GLOBAL MARK



10W Ra98 3000K 20°

h(m)	E(lx)	D(m)
0.5	4916	0.20
1.0	1229	0.40
1.5	546	0.59
2.0	307	0.79
2.5	197	0.99
3.0	137	1.19



10W Ra98 3000K 50°

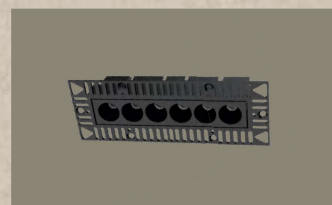
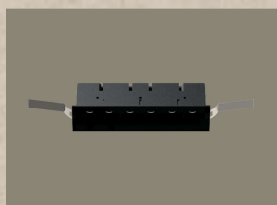
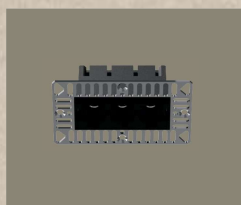
h(m)	E(lx)	D(m)
0.5	1480	0.44
1.0	370	0.88
1.5	164	1.32
2.0	92	1.76
2.5	59	2.21
3.0	41	2.65

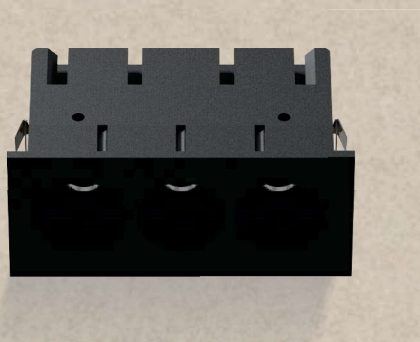


W system	lm system	optics	code
10W	703-690	20°- 50°	AFL7810W-LS-30N2050

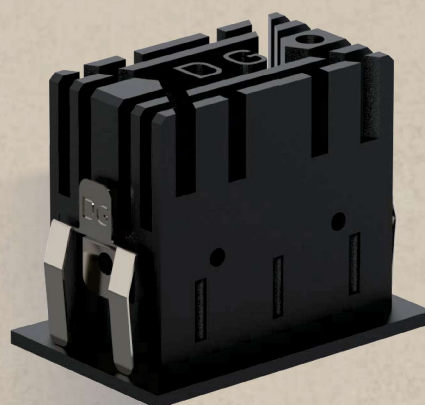
EVOLINE

The charm of this line resides in its delicate elegance and unobtrusive nature. The refined simplicity of the fixtures' design allows them to meld seamlessly in various settings.





reddot winner 2023
lighting design



EVOLINE



reddot winner 2023
lighting design



65X25 Recessed 3 Spots Fixed Line



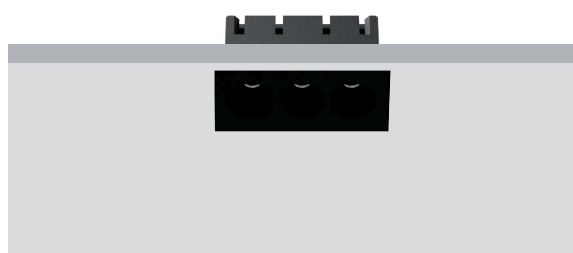
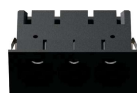
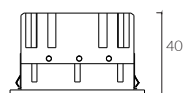
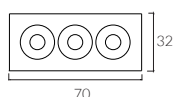
view on website



cutout : 65X25mm



Fixed Optic



bezel | baffle



White Painted
9016

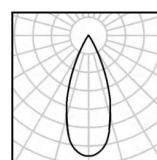


Black Painted
9005



Bespoke

IP Rating:	IP20 and IP44 options
Optics:	35°
UGR:	<10
CRI:	92Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source Efficacy (lm/W):	113
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 9V 500mA 6W
Ambient temp:	-20 °C to 45 °C
Class:	II
Ceiling Thickness:	5mm-28mm
Material:	Fine aluminium 6063A
Certification:	CE/60-MINUTE FIRE RESISTANCE

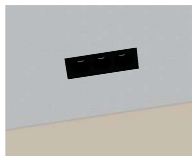


6W Ra92 3000K 35°

h(m)	E(lx)	D(m)
0.5	1715	0.32
1.0	429	0.64
1.5	191	0.96
2.0	107	1.28
2.5	69	1.60
3.0	48	1.91



DuraGreen project:
Home Cinema in London



W system	lm system	optics	code
6W	375	35°	EFL0306W-30N35

EVOLINE



reddot winner 2023
lighting design



74X32 Recessed 3 Spots Trimless Line



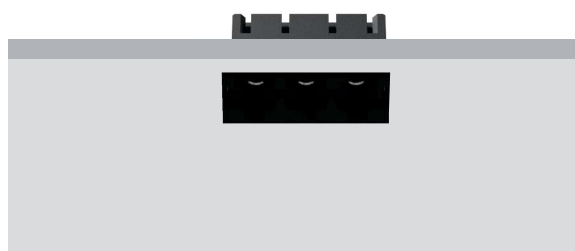
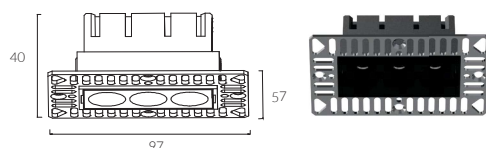
view on website



CUTOUT: 74x32mm



Fixed Optic



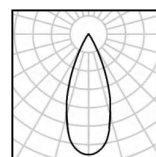
White Painted
9016

Black Painted
9005



Bespoke

IP Rating:	IP20 and IP44 options
Optics:	35°
UGR:	<10
CRI:	92Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source	
Efficacy (lm/W):	113
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 9V 500mA 6W
Ambient temp:	-20 °C to 45 °C
Class:	II
Material:	Fine aluminium 6063A
Certification:	CE/60-MINUTE FIRE RESISTANCE

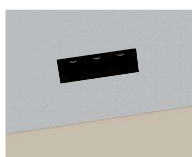


6W Ra92 3000K 35°

h(m)	E(lx)	D(m)
0.5	1715	0.32
1.0	429	0.64
1.5	191	0.96
2.0	107	1.28
2.5	69	1.60
3.0	48	1.91



DuraGreen project:
Private Club, Guangzhou



W system	lm system	optics	code
6W	375	35°	ETL0306W-30N35

EVOLINE



reddot winner 2023
lighting design



MUSE
DESIGN
AWARDS

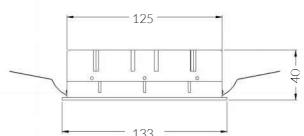
130X25 Recessed 6 Spots Fixed Line



cutout: 130X25mm



Fixed Optic



view on website



bezel | baffle



White Painted
9016

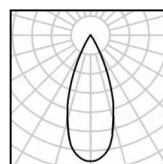


Black Painted
9005



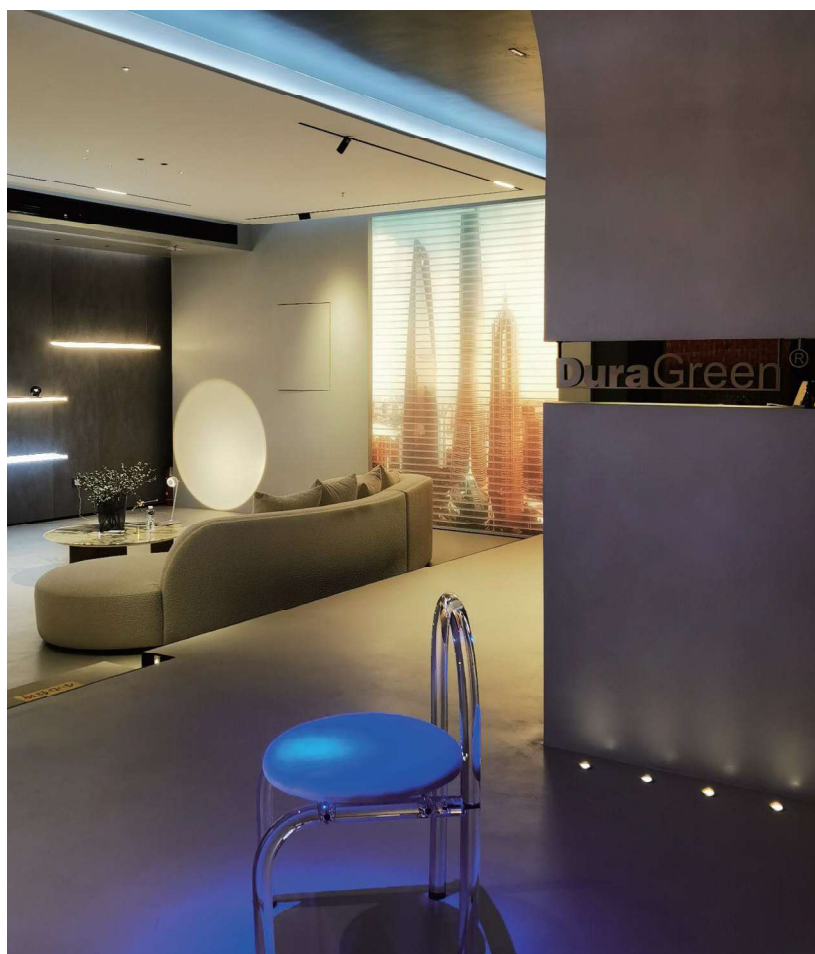
Bespoke

IP Rating:	IP20 and IP44 options
Optics:	35°
UGR:	<10
CRI:	92Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source	
Efficacy (lm/W):	113
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 18V 600mA 12W
Ambient temp:	-20 °C to 45 °C
Class:	II
Ceiling Thickness:	5mm-28mm
Material:	Fine aluminium 6063A
Certification:	CE/60-MINUTE FIRE RESISTANCE

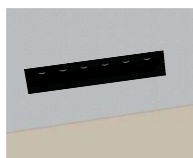


12W Ra92 3000K 35°

h(m)	E(lx)	D(m)
0.5	4125	0.34
1.0	1031	0.68
1.5	458	1.02
2.0	258	1.35
2.5	165	1.69
3.0	115	2.03



DuraGreen project:
DuraGreen Showroom



W system	lm system	optics	code
12W	790	35°	EFL0612W-30N35

EVOLINE



reddot winner 2023
lighting design



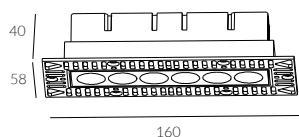
134X32 Recessed 6 Spots Trimless Line



cutout: 134X32mm



Fixed Optic



view on website



White Painted
9016

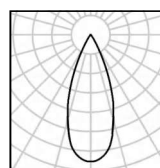


Black Painted
9005



Bespoke

IP Rating:	IP20 and IP44 options
Optics:	35°
UGR:	<10
CRI:	92Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source	
Efficacy (lm/W):	113
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 18V 600mA 12W
Ambient temp:	-20 °C to 45 °C
Class:	II
Material:	Fine aluminium 6063A
Certification:	CE/60-MINUTE FIRE RESISTANCE



12W Ra92 3000K 35°

h(m)	E(lx)	D(m)
0.5	4125	0.34
1.0	1031	0.68
1.5	458	1.02
2.0	258	1.35
2.5	165	1.69
3.0	115	2.03



DuraGreen project:
HUAWEI Smart Home



W system	lm system	optics	code
12W	790	35°	ETL0612W-30N35

ULTRAFIN

This range of light fittings is extremely small yet powerful, designed for use in showcases. It is the pinnacle of LED technology and component miniaturisation.





ULTRAFIN

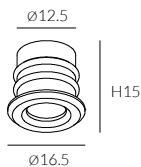
Φ12.4 Showcase



cutout : 14 mm



Fixed Optic



[view on website](#)



White Painted
9016

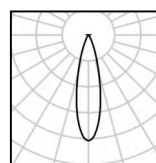


Black Painted
9005



Bespoke

IP Rating:	IP20 and IP44 options
Optics:	25°
UGR:	<10
CRI:	92Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source	
Efficacy (lm/W):	113
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Voltage:	DC 24V
Power(W):	1.3W
Ambient temp:	-20 °C to 45 °C
Class:	II
Material:	Fine aluminium 6063A



1.3W Ra92 3000K 25°

h(m)	E(lx)	D(m)
0.5	518	0.23
1.0	129	0.47
1.5	58	0.70
2.0	32	0.94
2.5	21	1.17
3.0	14	1.41



W system	lm system	optics	code
1.3W	71	25°	MFL141.3W-30N25

ULTRAFIN

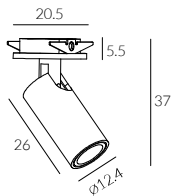
Φ12.4 Showcase



cutout : 19mm



Adjustable Optic

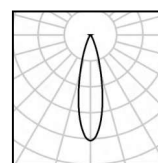


view on website



Bespoke

IP Rating:	IP20 and IP44 options
Optics:	25°
UGR:	<10
CRI:	92Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source	
Efficacy (lm/W):	113
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Voltage:	DC 24V
Power(W):	1.3W
Ambient temp:	-20 °C to 45 °C
Class:	II
Material:	Fine aluminium 6063A



1.3W Ra92 3000K 25°

h(m)	E(lx)	D(m)
0.5	518	0.23
1.0	129	0.47
1.5	58	0.70
2.0	32	0.94
2.5	21	1.17
3.0	14	1.41



DuraGreen project:
Showroom in London



W system	lm system	optics	code
1.3W	71	25°	MAR121.3W-30N25

SURFACE

Selection of luminaires to be installed on ceilings.

ARTFOCUS micro fixed and adjustable surface spotlights are made with bespoke 24V LED chips. This innovative design eliminates the need to wire remote LED drivers individually; now, they can be easily wired in parallel, using one 24V constant current LED driver per circuit.

68 Surface GLAMO fixtures are equipped with revolutionary zoomable lenses that can switch from a narrow beam of 15 degree to a flood of 50 degree simply by rotating the front ring, they can adapt to any space.





ARTFOCUS

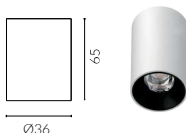


view on website

Φ36 Micro Surface Fixed Spotlight



Fixed Optic



White Painted
9016

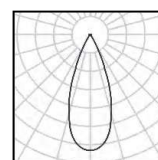


Black Painted
9005



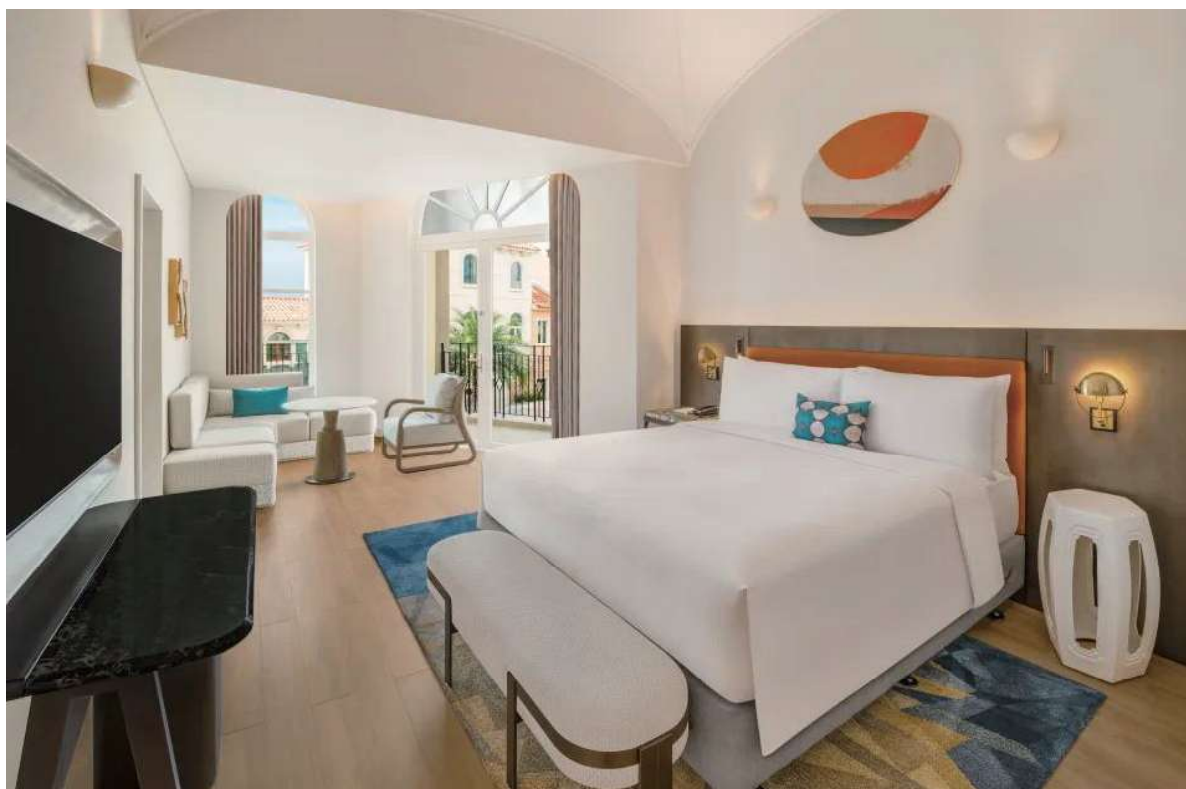
Bespoke

IP Rating:	IP20 and IP44 options
Optics:	36°
UGR:	<10
CRI:	92Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source Efficacy (lm/W):	133
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Voltage:	DC 24V
Output:	6W
Ambient temp:	-20 °C to 45 °C
Class:	III
Optional accessories:	Honeycomb louvre, Solite Lense, Spread Lense, Colour Filter
Material:	Fine aluminium 6063A



6W Ra98 3000K 36°

h(m)	E(lx)	D(m)
0.5	1706	0.31
1.0	426	0.62
1.5	190	0.93
2.0	107	1.25
2.5	68	1.56
3.0	47	1.87



DuraGreen project:
Curio Hotel by Hilton, Vietnam



W system	lm system	optics	code
6W	446	36°	SF3606W-30N36

ARTFOCUS

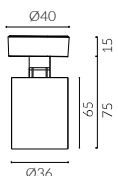


view on website

Φ36 Micro Surface Adjustable Spotlight



Adjustable Optic



White Painted
9016

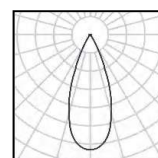


Black Painted
9005



Bespoke

IP Rating:	IP20 and IP44 options
Optics:	36°
UGR:	<10
CRI:	92Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source	
Efficacy (lm/W):	133
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Voltage:	DC 24V
Output:	6W
Ambient temp:	-20 °C to 45 °C
Class:	III
Optional accessories:	Honeycomb louvre, Solite Lense, Spread Lense, Colour Filter
Material:	Fine aluminium 6063A



6W Ra98 3000K 36°

h(m)	E(lx)	D(m)
0.5	1706	0.31
1.0	426	0.62
1.5	190	0.93
2.0	107	1.25
2.5	68	1.56
3.0	47	1.87



DuraGreen project:
The Collective, Sydney



W system	lm system	optics	code
6W	446	36°	SA3606W-30N36

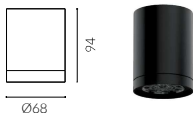


[view on website](#)

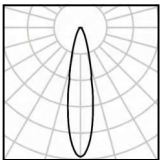
Φ68 Surface Zoomable 15°-50° Spotlight



Fixed Optic

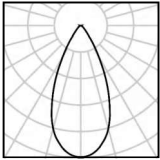


IP Rating:	IP20
Optics:	Zoomable 15°-50°
UGR:	<17
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source Efficacy (lm/W):	110
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning:	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 300mA 12W
Ambient temp:	-20 °C to 45 °C
Class:	II
Material:	Fine aluminium 6063A



12W Ra98 3000K 15°

h(m)	E(lx)	D(m)
0.5	12099	0.14
1.0	3025	0.27
1.5	1344	0.41
2.0	756	0.54
2.5	484	0.68
3.0	336	0.81



12W Ra98 3000K 40°

h(m)	E(lx)	D(m)
0.5	2174	0.38
1.0	544	0.76
1.5	242	1.14
2.0	136	1.52
2.5	87	1.90
3.0	60	2.28



DuraGreen project:
Curio Hotel by Hilton, Vietnam

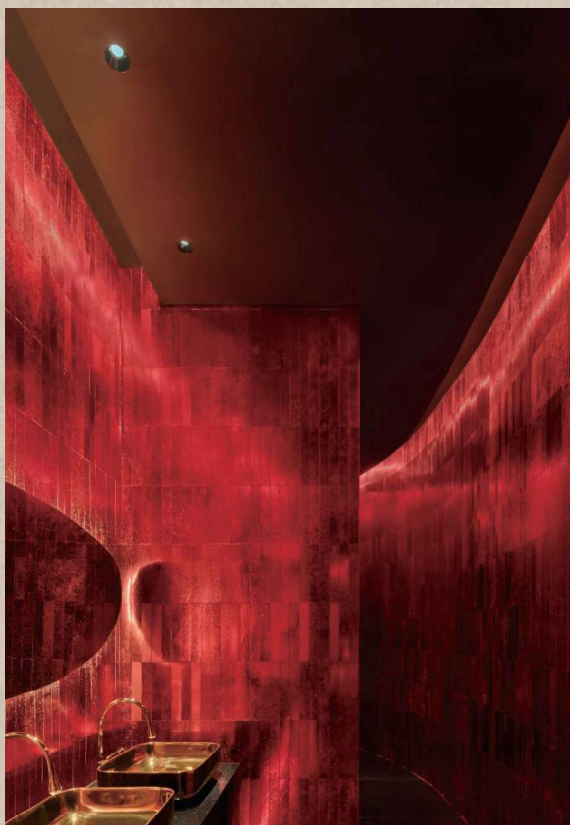


W system	lm system	optics	code
12W	756-747	15°- 50°	STF6812W-30N1550

LED STRIP

Evo-Strip is a premium range of flexible strips crafted for the most stylish residential and commercial interiors that demand exceptional colour rendering and consistency.





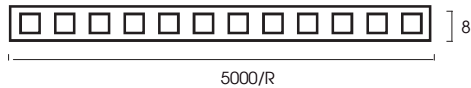
Evo-Strip lights achieve an impressive CRI 98, aligning flawlessly with our full spectrum downlights and spotlights.

EVO-STRIP

LED STRIP FULL SPECTRUM



Fixed Optic



[view on website](#)

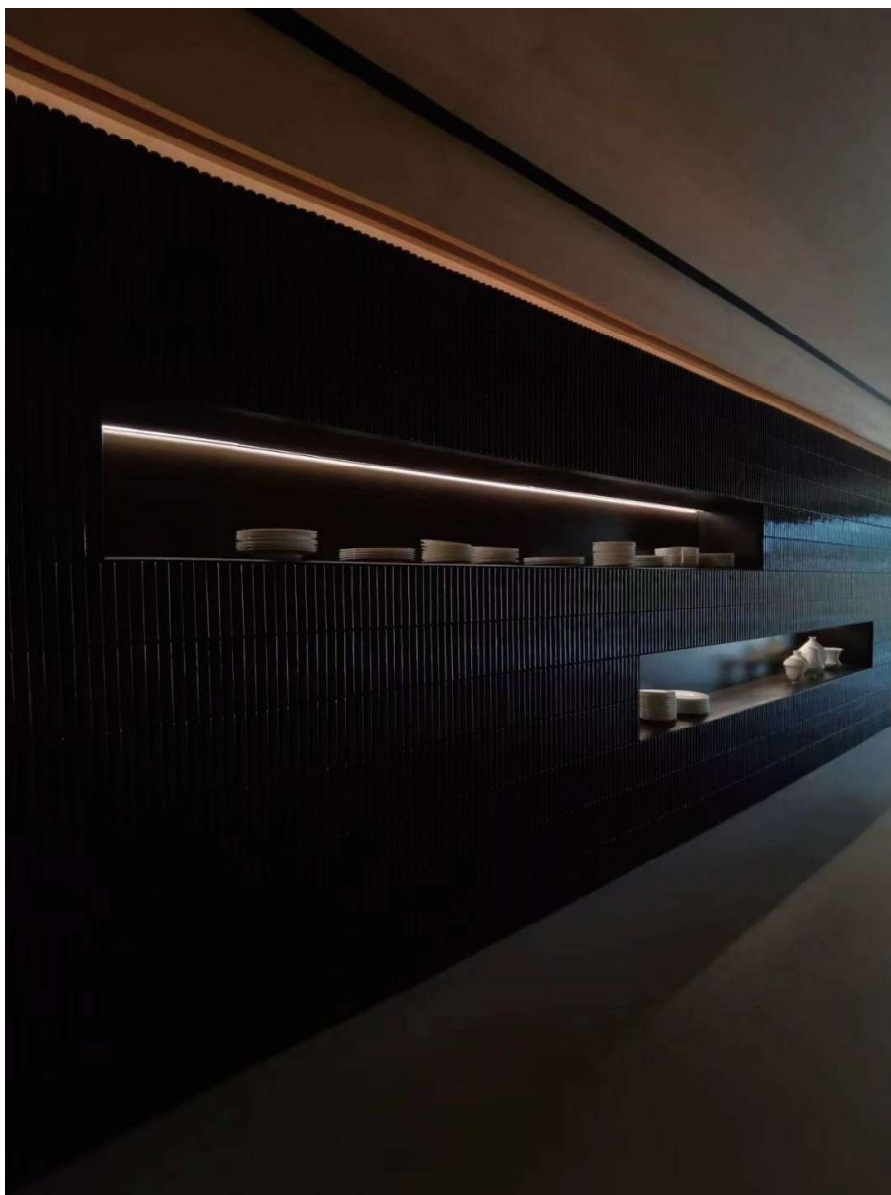


Accessories not included



Fast Connector (FC1010)

IP Rating:	IP20
Optics:	120°
CRI:	98Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K/3000K
Typical Source	
Efficacy (lm/W):	99
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning:	3 Step MacAdams
Voltage:	DC 24V
Power(W):	12W/m
LEDs/m:	120
Min. Cut Length:	50mm
Ambient temp:	-20 °C to 45 °C
Class:	III



DuraGreen project:
Veneta Cucine



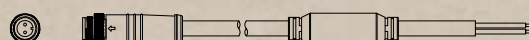
W system	CCT	lm system	optics	code
12W	2700K	90Lm/W	120°	GS2835-120-12W-27-98
12W	3000K	99Lm/W	120°	GS2835-120-12W-30-98

OUTDOOR

Experience the finest selection of architectural outdoor lighting, effortlessly accentuating both outdoor landscapes and architecture to create stunning, functional outdoor spaces.



Light up your outdoor spaces responsibly with DuraGreen's Dark Sky-compliant fixtures. Featuring a warm 2700K colour temperature, minimal glare, and low power consumption, our lights effectively reduce light pollution and protect wildlife.



Our fast plug-and-play connection system revolutionises the process of designing and planning your ideal outdoor lighting, making it easier than ever before.

FOCUS

Φ32 Outdoor Uplights



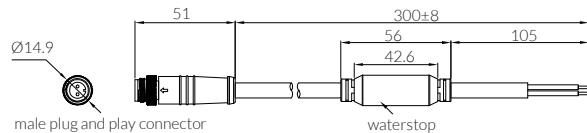
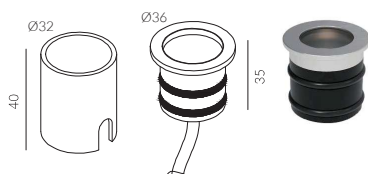
view on website



cutout :32mm



Fixed Optic

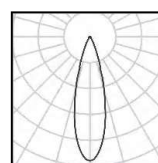


Accessories not included



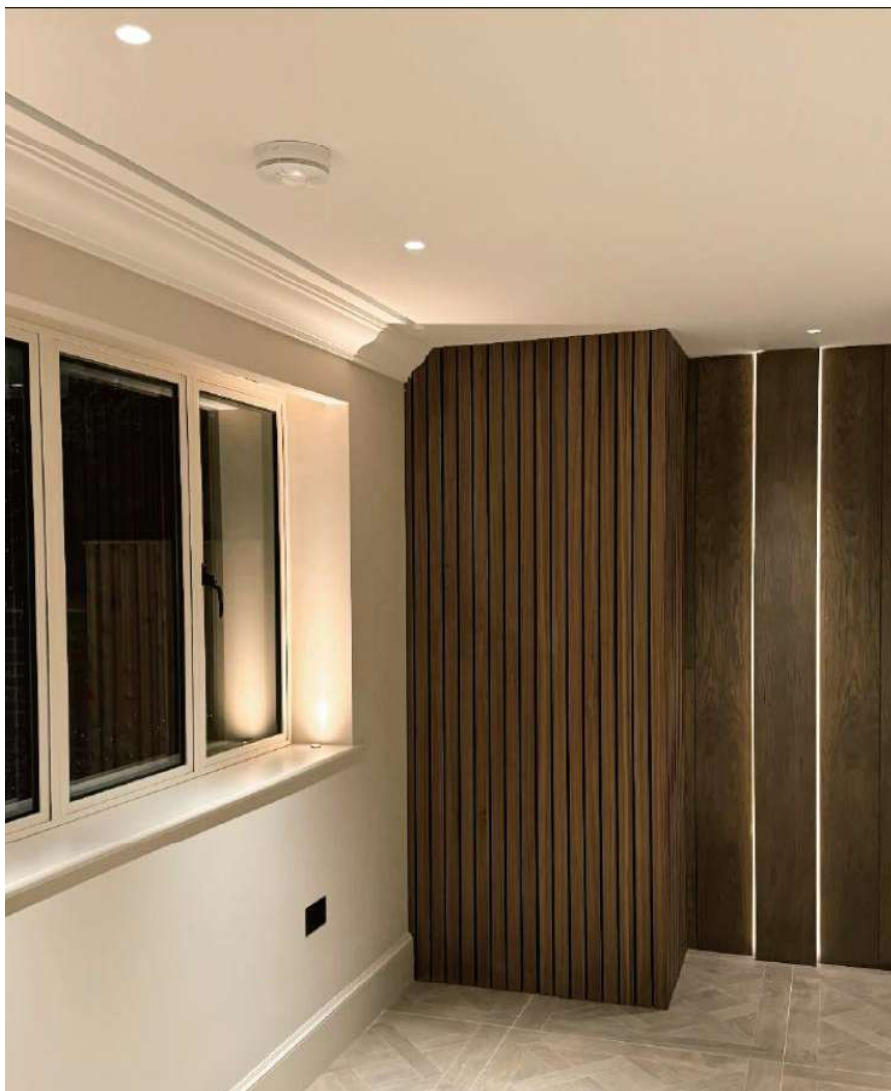
Link Cable 1m

IP Rating:	IP67
Optics:	20°
UGR:	<19
CRI:	92Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K
Typical Source	
Efficacy (lm/W):	113
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Voltage:	DC 24V
Power(W):	2.5W
Ambient temp:	-20 °C to 45 °C
Class:	III
Plug Type:	Plug & Play (2 pin) - male

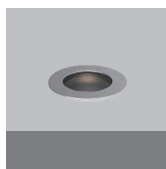


2.5W Ra92 2700K 20°

h(m)	E(lx)	D(m)
0.5	1155	0.20
1.0	289	0.41
1.5	128	0.61
2.0	72	0.81
2.5	46	1.02
3.0	32	1.22



DuraGreen project:
Home in London



W system	lm system	optics	code
2.5W	94	20°	UL322.5W-27N20

FOCUS

Φ70 Outdoor Uplights



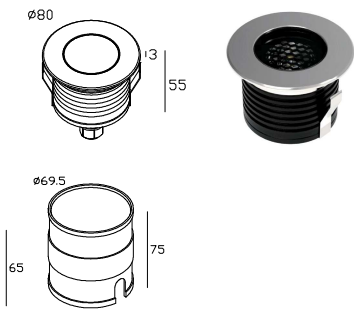
view on website



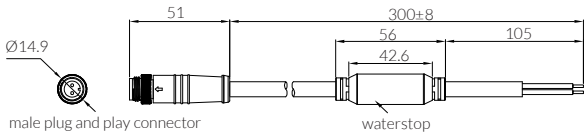
cutout :70mm



Fixed Optic



honeycomb as default

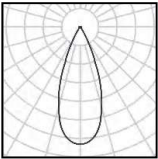


Accessories not included



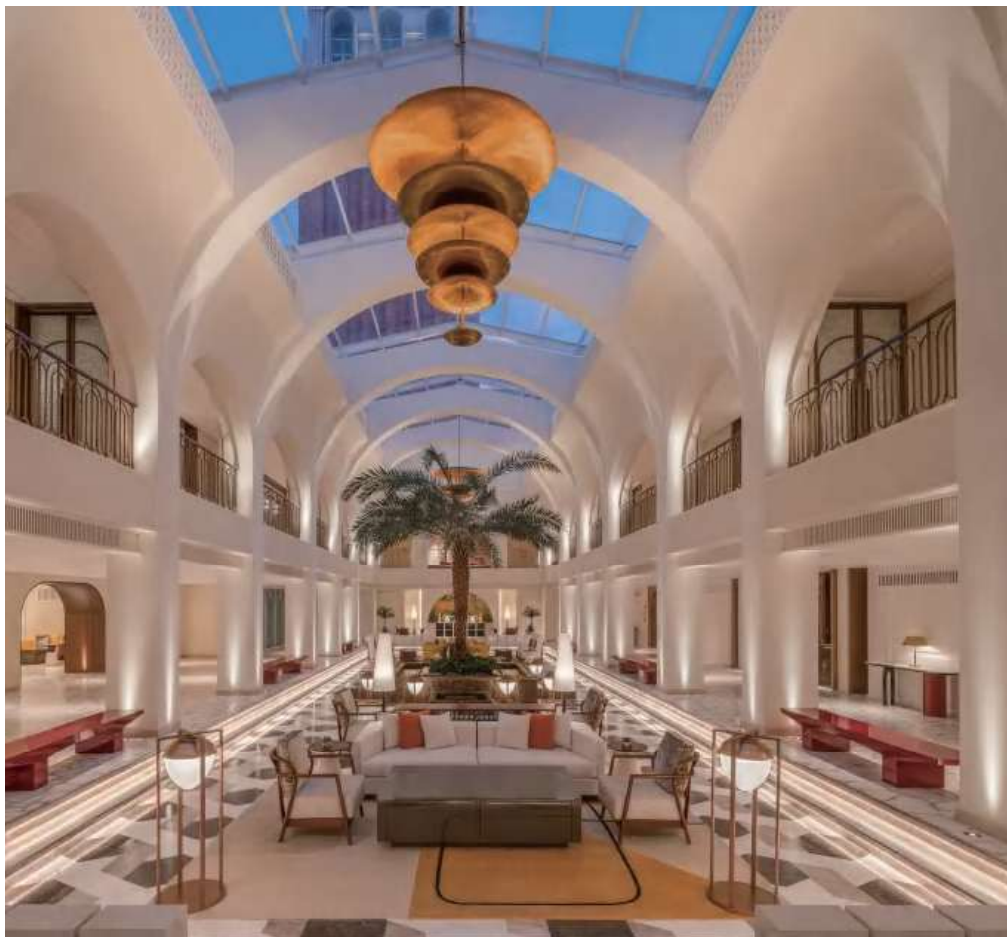
Link Cable 1m

IP Rating:	IP67
Optics:	36°
UGR:	<19
CRI:	92Ra
Lifetime:	>50,000 hrs (L70 B10)
CCT:	2700K
Typical Source	
Efficacy (lm/W):	113
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Voltage:	DC 24V
Power(W):	8W
Ambient temp:	-20 °C to 45 °C
Class:	III
Plug Type:	Plug & Play (2 pin) - male



8W Ra92 2700K 36°

h(m)	E(lx)	D(m)
0.5	2746	0.38
1.0	686	0.76
1.5	305	1.14
2.0	172	1.52
2.5	110	1.90
3.0	76	2.28



DuraGreen project:
Curio Hotel by Hilton, La Festa



W system	lm system	optics	code
8W	603	36°	UL7008W-27N36

BELLA

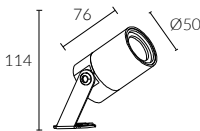
Φ50 Outdoor Projector Zoomable 20°-50°



[view on website](#)



Adjustable Optic



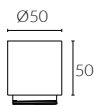
Structure Finish



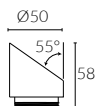
Solid Brass



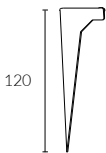
Accessories not included



Snoot Tube

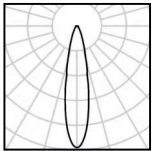


Snoot 55°



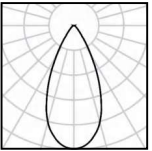
Ground Stake

- IP Rating:** IP65
Optics: Zoomable 20°-50°
UGR: <19
CRI: 92Ra
Lifetime: >50,000 hrs (L70 B10)
CCT: 2700K
Typical Source
Efficacy (lm/W): 96
Control: On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Binning 2 Step MacAdams
Voltage: DC 24V
Power(W): 6W
Ambient temp: -20 °C to 45 °C
Class: III
Plug Type: Plug & Play (2 pin) - male
Material: Brass + Stainless Steel



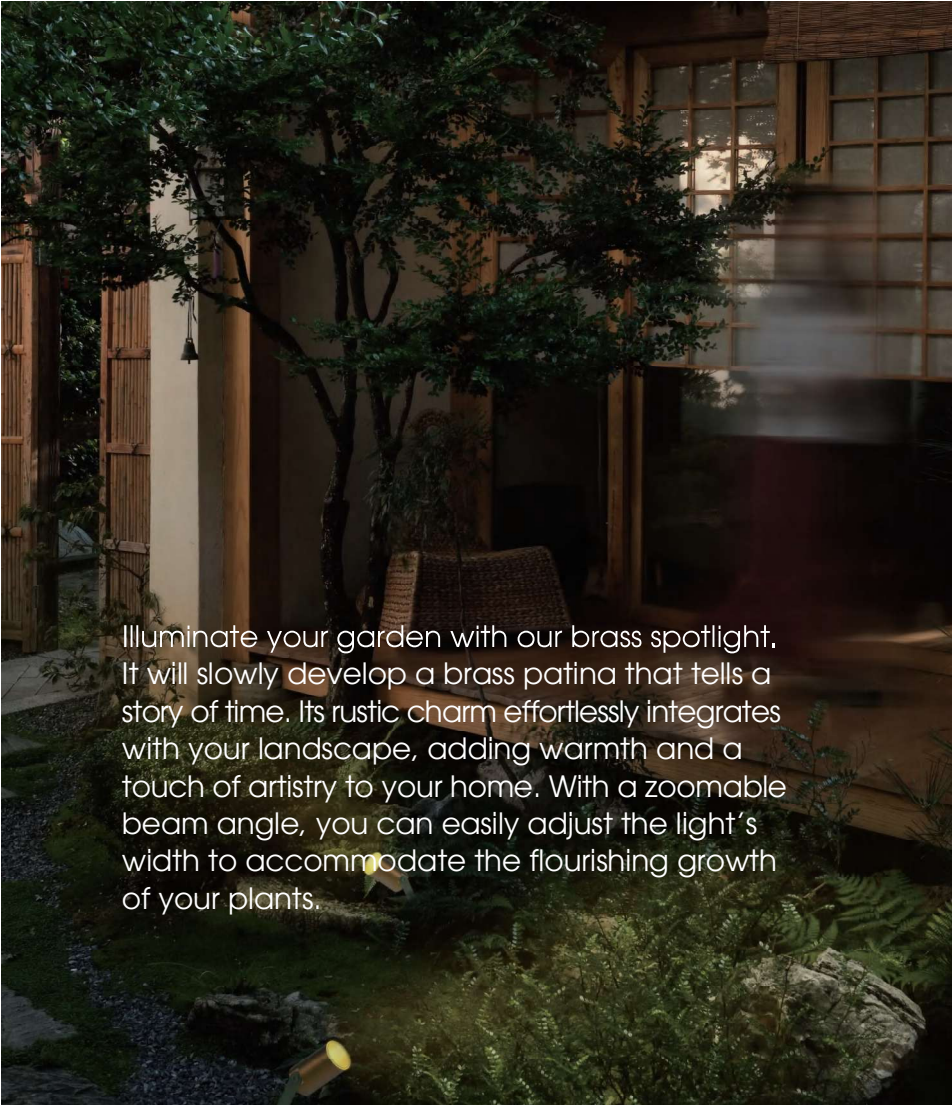
6W Ra92 2700K 20°

h(m)	E(lx)	D(m)
0.5	3056	0.21
1.0	764	0.41
1.5	340	0.62
2.0	191	0.83
2.5	122	1.04
3.0	85	1.24

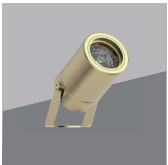


6W Ra92 2700K 50°

h(m)	E(lx)	D(m)
0.5	948	0.44
1.0	237	0.87
1.5	105	1.31
2.0	59	1.75
2.5	38	2.18
3.0	26	2.62



Illuminate your garden with our brass spotlight. It will slowly develop a brass patina that tells a story of time. Its rustic charm effortlessly integrates with your landscape, adding warmth and a touch of artistry to your home. With a zoomable beam angle, you can easily adjust the light's width to accommodate the flourishing growth of your plants.



W system	lm system	optics	code
6W	445-436	20°- 50°	SFO5006W-27N2050

Specification Code

Type	Engine	Power	Colour Temp	Driver	Beam Width	Bezel Colour	Baffle Colour	Options
MFL	50	08W	30	N	24	W	B	S
MFL/Fixed	36/36mm		27/2700K	M/Mains Dim	10/10°	W/White	W/White	H/Honeycomb
AFL/Adjustable	41/41mm		30/3000K	D/DALI	15/15°	B/Black	B/Black	S/Spread Lens
TL/Trimless	50/50mm		35/3500K	0/0-10V	20/20°	BG/Brushed Grey	BG/Brushed Grey	
C/Curve	57/57mm		40/4000K	Z/Zigbee	24/24°	BN/Black Nickel	BN/Black Nickel	
M/Semi-Recessed	68/68mm		50/5000K	C/Casambi	36/36°	AB/Antique Bronze	AB/Antique Bronze	
SS/Short Snoot	78/78mm		2030/2000K-3000K	N/Non Dim	50/50°	SB/Solid Brass	SB/Solid Brass	
LS/Long Snoot	03/3 Spots		1840/1800K-4000K	X/No Driver	1550/15°-50°	PC/Polished Chrome	PC/Polished Chrome	
IO/In-out Spotlight	06/6 Spots		2760/2700K-6000K		2050/20°-50°			
MAR/Recessed Spotlight					WS/Wall Wash			
RTP/Recessed Pendant								
TLP/Trimless Pendant								
EFL/Evoline Recessed								
ETL/Evoline Trimless								
SF/Surface Fixed								
SA/Surface Adjustable								
STF/Surface Fixed Zoomable								
UL/Outdoor Uplights								
SFO/ Outdoor Projector								

The Chosen Ones | Accessories

Constant Current LED Drivers

	110 x 29,6 x H22,6mm	CCTRIAC0945V350MA	TRIAC 9-45V MAX 350MA 10W
	110 x 29,6 x H22,6mm	CCTRIAC0221V700MA	TRIAC 2-21V MAX 700MA 10W
	110 x 29,6 x H22,6mm	CC0-10V0945V350MA	0/1-10V , Adjustable Resistance, PWM 9-45V MAX 350MA 10W
	110 x 29,6 x H22,6mm	CC0-10V0221V700MA	0/1-10V , Adjustable Resistance, PWM 2-21V MAX 700MA 10W
	110 x 29,6 x H22,6mm	CCDALI0945V350MA	DALI PUSH 9-45V MAX 350MA 10W
	110 x 29,6 x H22,6mm	CCDALI0221V700MA	DALI PUSH 2-21V MAX 700MA 10W
	126,8 x 35 x H20mm	CCDALI0642V700MA	DALI DT8 PUSH 6-42V MAX 700MA 15W

Constant Voltage LED Drivers

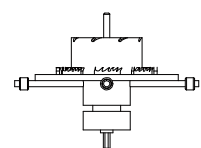
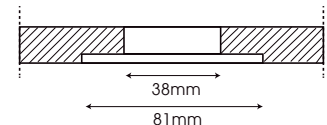
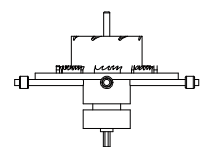
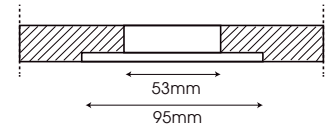
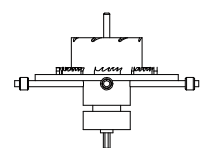
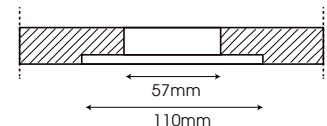
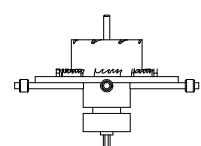
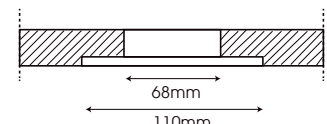
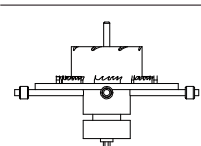
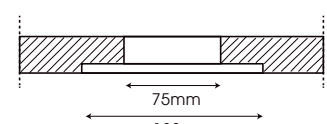
	295 x 40 x H32mm	CVDALI150W	DALI / 0/1-10V / PWM / PUSH 24VDC MAX 6.25A 150W
---	------------------	-------------------	--

Compatible with major home automation systems

ABB **PHILIPS** **LUTRON** **SIEMENS**

Control4 **CRESTRON** **Panasonic**

Trimless Tool

		PLASTERTOOL36 Plaster-in Tool for System 36
		PLASTERTOOL50 Plaster-in Tool for System 50
		PLASTERTOOL57 Plaster-in Tool for System 57
		PLASTERTOOL68 Plaster-in Tool for System 68
		PLASTERTOOL78 Plaster-in Tool for System 78

Demo Case



DEMOGR-EVOLINE

DEMOGR-57 455 x 300 x 150mm
DEMOGR-78

Demo Case Green for EVOLINE
Demo Case Green for System 57
Demo Case Green for System 78



DEMOBK-36
DEMOBK-50
DEMOBK-57
DEMOBK-68

425 x 240 x 110mm

Demo Case Black for System 36
Demo Case Black for System 50
Demo Case Black for System 57
Demo Case Black for System 68



DEMOFULL

580 x 390 x 290mm

FULL Demo Case

Credits

Art Direction

Alexanda Studios

Graphic Design

Marka Studios

Proofread

Ariane L. Smith

Photo / Rendering

DuraGreen Team

Customer Service

United Kingdom Assembly Backstock Marketing	United Kingdom Showroom	Europe Showroom Sales Office Backstock	Middle East / Africa Sales Office
DuraGreen Lighting UK Ltd 9 Beech Street Leicester LE5 0DF info@duragreenlighting.co.uk	DuraGreen Distribution UK Ltd 69A Highgate high street London N6 5JX uk@duragreenlighting.co.uk	DuraGreen Europe Ltd I.KE 45 - 47 Lavriou Avenue, Glyka Nera, Attica, Athens, Greece eu@duragreenlighting.co.uk	DuraGreen Lighting Dubai Office 16Cl, iRise Tower, Barsha Heights Dubai dubai@duragreenlighting.co.uk
Asia Pacific Manufacture Showroom Marketing Backstock	Australasia Sales Office	Vietnam / Laos / Cambodia Sales Office	
DuraGreen Lighting Shenzhen Ltd A3 Building, Bao Ying Industrial Park Long Gang Shenzhen shenzhen@duragreenlighting.co.uk	DuraGreen Australia Pty Ltd 159 Bunnerong RD Kingsford 2032 Australia aus@duragreenlighting.co.uk	DuraGreen Vietnam Co. Ltd #33, Sunrise H, The Manor Central Park Nghiem Xuan Yem, Hoang Mai, Hanoi Vietnam vietnam@duragreenlighting.co.uk	

The first part of the paper discusses the importance of the research and the objectives of the study. It then presents a literature review of the existing research on the topic. The second part of the paper describes the methodology used in the study, including the data collection and analysis techniques. The third part of the paper presents the results of the study, and the fourth part discusses the conclusions and implications of the findings.

The study was conducted using a quantitative research design. Data was collected from a sample of 100 participants using a survey questionnaire. The data was then analyzed using statistical software to determine the relationships between the variables.

The results of the study show that there is a significant positive relationship between the variables. This finding is consistent with the previous research in the field. The study also found that there are some differences in the results between the different groups of participants.

The conclusions of the study suggest that the findings have important implications for practice and policy. Further research is needed to explore the relationships between the variables in more detail.

