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KOIZUMI LIGHTING GLOBAL WEBSITE

<https://koizumi-lt-global.com>

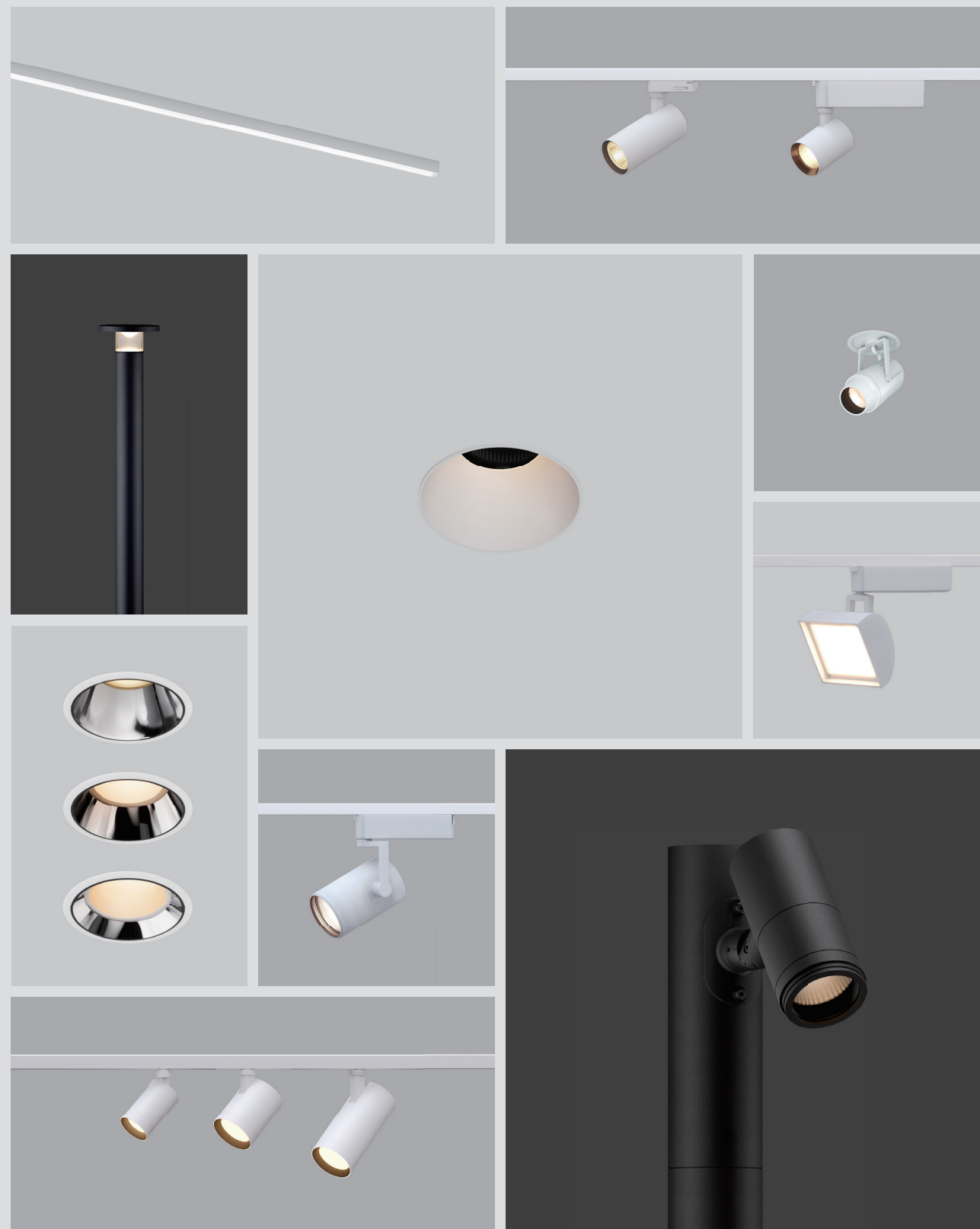
Date Issued : 09/2026

KOIZUMI

GLOBAL LIGHTING PRODUCTS

Vol.4

KOIZUMI



GLOBAL LIGHTING PRODUCTS

Vol.4

Beyond Light.

Koizumi R&D Center "Innovation Lab," completed in 2017, was designed as architecture in harmony with the environment. By controlling lighting, air conditioning, and blinds through DALI systems and observing the relationship between illumination and workplace behavior, we research and create innovative lighting solutions while reducing environmental impact. From this facility, we develop next-generation lighting and deliver it to countries worldwide.

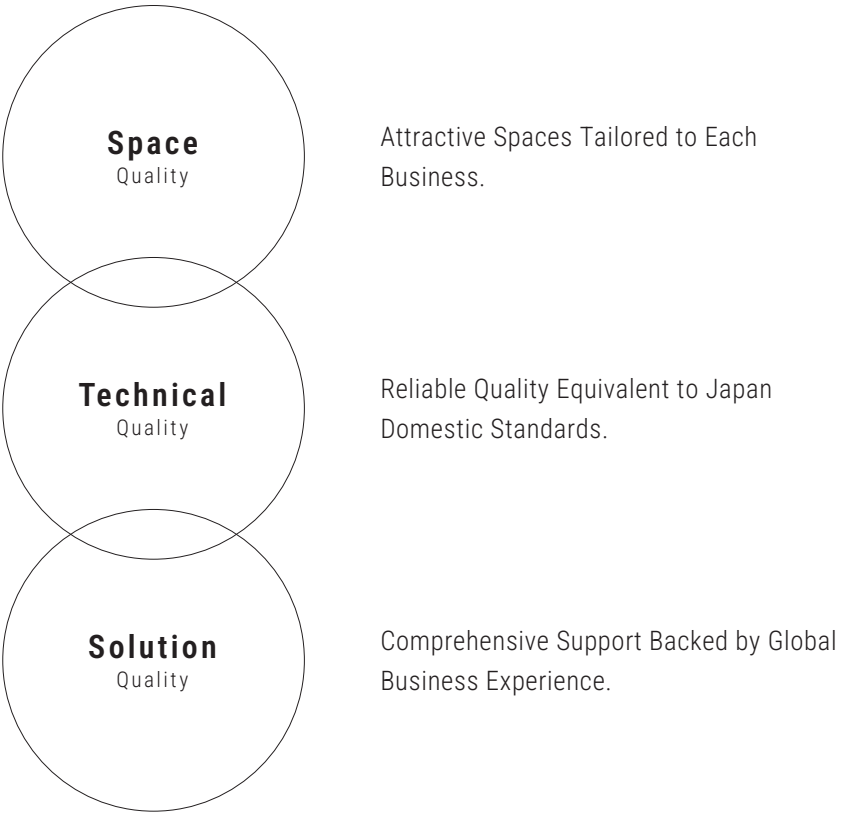
R&D Center
in Japan

Koizumi Quality

Koizumi Lighting Technology Corporation is a one-stop lighting solution provider based in Japan, with over 30 years of experience serving markets worldwide, particularly across Asia and Oceania. From lighting design to supply, installation, and maintenance, we deliver comprehensive end-to-end services.

Quality of Light

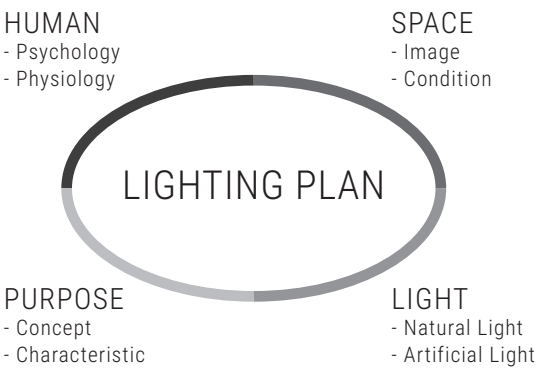
Through the combined strength of our domestic and overseas bases, we deliver consistent KOIZUMI QUALITY – the Quality of Light across all our products and services, both in Japan and abroad.



Space Quality

Designing Comfort

Advances in performance and ongoing innovation in LED lighting have expanded the possibilities of spatial design, raising expectations for higher-quality environments. Koizumi accurately understands the relationships and balance among people, light, objects, and space, and proposes lighting environments that are comfortable and rich in appeal by leveraging the unique qualities of each element.



Technical Quality

Safety & Security Assurance

Using our own unique standards, we perform repeated and rigorous checks in order to ensure safety and security. At our R&D Center, we specialize in LED and have introduced the latest in testing equipment that conforms with IEC international standards. This has enabled evaluations and verifications to be performed at a faster pace than ever before, allowing us to provide high-quality products that are both safe and secure.



Solution Quality

Lighting Lab

We have established a global network of Lighting Labs to provide hands-on experience with diverse lighting expressions. By enabling validation and prototyping, these facilities ensure high-quality, consistent lighting outcomes across all projects.

→ Please see [P.206 - 207](#) for more details.



SINGAPORE



HONG KONG



SHANGHAI

JAPAN



OSAKA



TOKYO



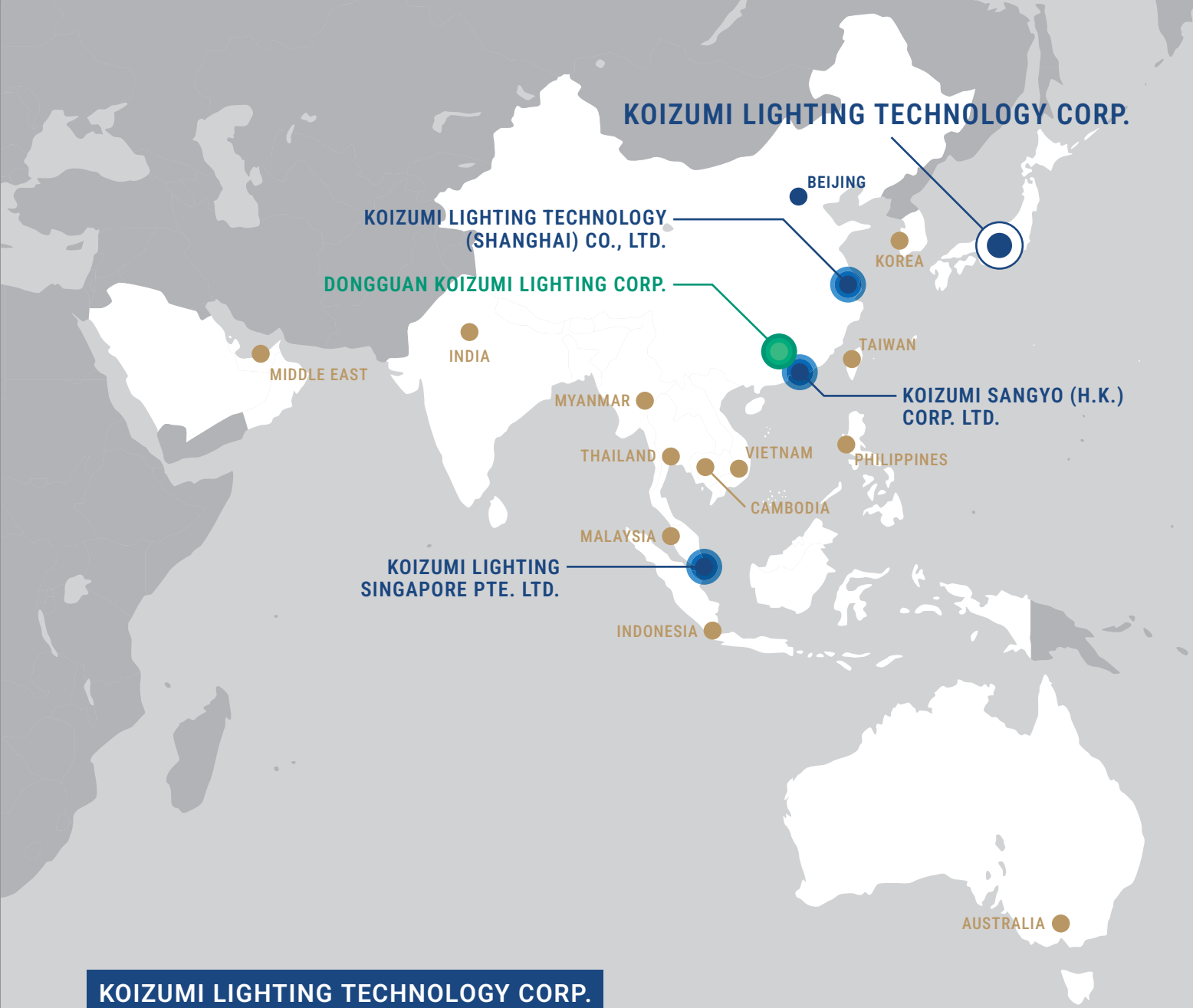
NAGOYA



OKINAWA

Global Support Networks

- KOIZUMI JAPAN
- SUBSIDIARY
- FACTORY
- AGENT



KOIZUMI LIGHTING TECHNOLOGY CORP.

KOIZUMI SANGYO (H.K.) CORP. LTD.

Established: March 11, 2002
Business License issued by Hong Kong Companies Registry

KOIZUMI LIGHTING TECHNOLOGY (SHANGHAI) CO., LTD.

Established: November 15, 2006
Business License issued by Shanghai Administration for Industry and Commerce

DONGGUAN KOIZUMI LIGHTING CORP.

Established: July 20, 2009
Business License issued by Dongguan Administration for Industry and Commerce

KOIZUMI LIGHTING SINGAPORE PTE. LTD.

Established: July 1, 2017
Business License issued by Accounting & Corporate Regulatory Authority



Project Name
SHIRO K11 MUSEA

Location / City
Hong Kong



Project Name
999.9 Takashimaya

Location / City
Singapore



Project Name
Pearl Dragon, Studio

Location / City
Macau

Interior Design
AND Associates

Lighting Design
LIGHTLINKS



Project Name
LaLaport at Bukit Bintang City Centre

Location / City
Kuala Lumpur, Malaysia



Project Name
Issey Miyake Takashimaya

Location / City
Singapore



Project Name
PUMA X MCFC City Store

Location / City
Manchester, UK



Project Name
Order International Logistics Center - Showroom

Location / City
New Taipei, Taiwan

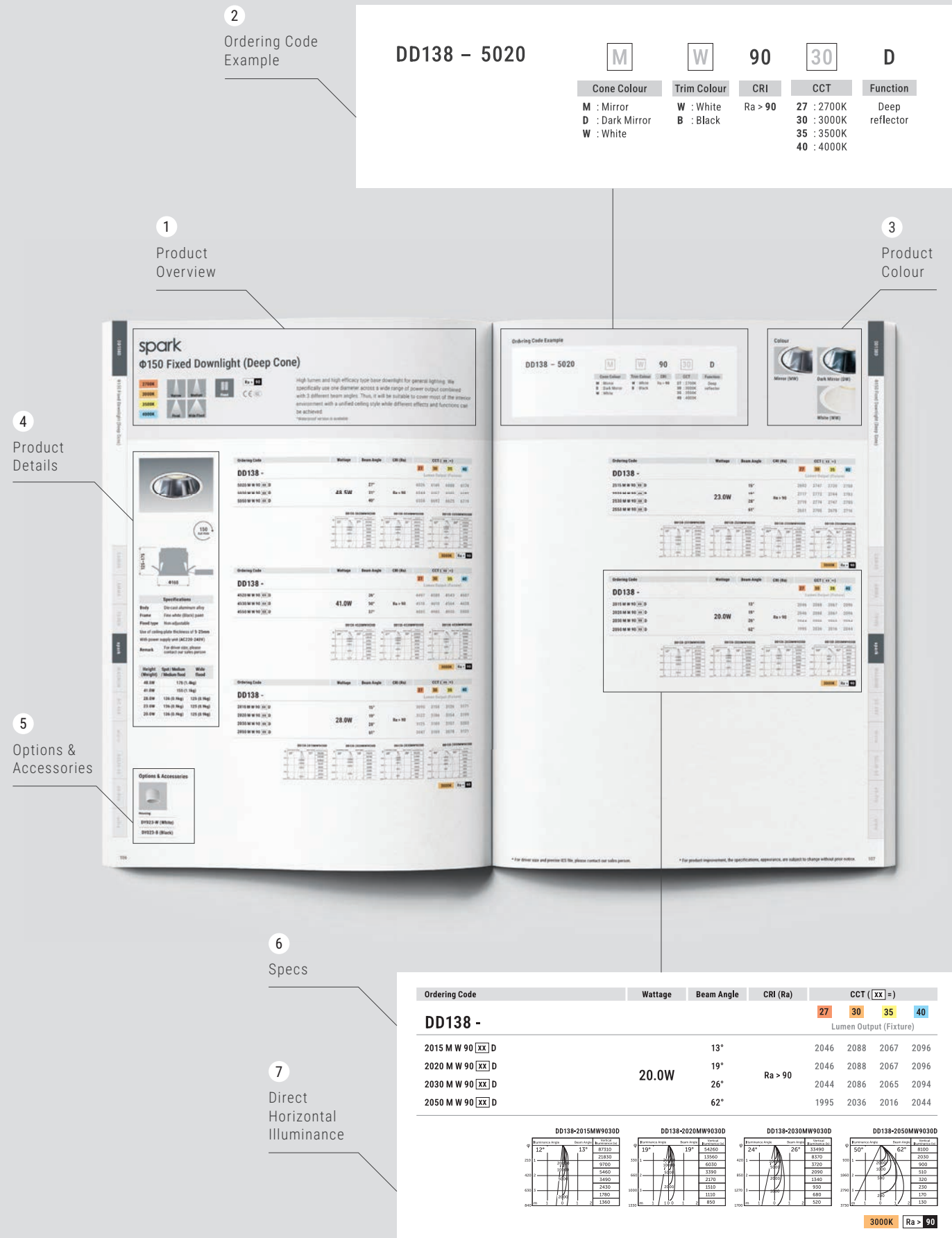


Project Name
BMW Showroom

Location / City
Taipei, Taiwan

Product Page Guide

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CAMOS

Architectural Downlight Series

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Trimless Φ75 Fixed Downlight		

Seamless Elegance with Minimal Trim and Comfort Light

CAMOS is a downlight series conceived to make the fixture itself disappear, leaving only the beauty of pure light.

Its refined compact form and slim trim preserve the beauty of architectural spaces, while precise light distribution control ensures illumination exactly where it is intended.

With a design that minimizes the Unified Glare Rating (UGR), it reduces glare and delivers light that is gentle on the eyes. Furthermore, its advanced optical efficiency achieves both energy savings and high output, contributing to a reduced environmental footprint.

As a result, CAMOS creates a pleasant and comfortable atmosphere even in relaxing spaces such as hotels and residences.



Compact Design+ Adaptable Lighting for Any Ambience

CAMOS has a compact design, with a housing diameter of just $\Phi 55$ (DD130) and a cone diameter of $\Phi 64$. With reduced trim and cone thickness, the design pursues absolute minimalism for seamless harmony with architectural spaces.

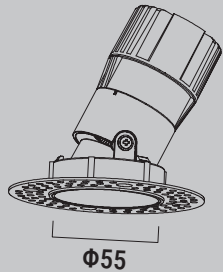
In addition, CAMOS offers a wide range of light distribution options, making it versatile enough to suit diverse settings despite its compact size. It is a product that achieves the perfect balance between refined design and outstanding functionality.



Trimless: Seamlessly Integrated with Architecture

With CAMOS trimless, the already compact size is taken a step further, minimizing the presence of the fixture and allowing it to blend seamlessly into architectural spaces.

A clean, uncluttered ceiling highlights the beauty of the design while creating a refined and sophisticated lighting environment.



→ Please see **P. 29 : $\Phi 60$** or **P. 38 : $\Phi 75$**
for more details on **Trimless**.

Glare-Free Comfortable Light

UGR (Unified Glare Rating) is an international standard that quantifies glare; the lower the value, the less glare and the more comfortable the lighting environment.

CAMOS series achieves $UGR < 10$ in most fixtures, delivering exceptional low-glare performance that provides illumination with virtually no sense of glare.



→ Please see **P. 16** for more details on **Glare-free**.

CAMOS

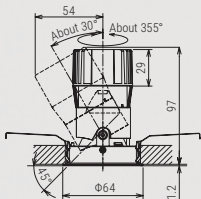
Adjustable Downlight Series

CAMOS is a downlight series that pursues the perfect balance between light quality and architectural beauty. Offering a wide variety of options including colour temperatures, beam angles, and output ranges, it enables diverse lighting expressions tailored to different applications and spaces. Its slim trim and compact design achieve seamless integration with the ceiling, while the addition of a trimless option further enhances refined architectural design.



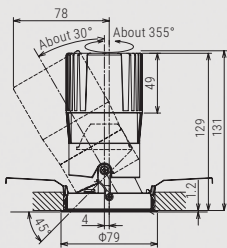
DD130

W (W)	3.5	7.2	8.8	10.5
Lm (Average)	140	440	560	670
Lm/W (Average)	40.0	61.1	63.6	63.8
Cut Hole (mm)	Φ60mm			
Beam Angle	7°	17° 22° 31° 47°		
Accessory (IP20)	2	2	1	0
Accessory (IP44)	2	2	0	0
CCT	2700K 3000K	2700K 3000K	3000K 3500K	3500K 4000K
CRI (Ra)	Ra > 90			
Colour (Cone)	Mirror	Black Chrome	Black	White
Colour (Trim)	White / Black			
Driver	1-10V (on-off / DALI)*1			
IP20 Type	Adjustable / Fixed / Wallwasher			
Trimless Type	Adjustable / Fixed			
IP44 Type	Adjustable / Fixed			



DD131

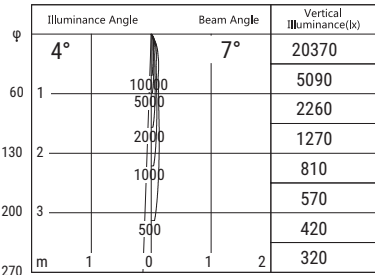
10.7	10.2	14	18.3 (16)*2
480	680	910	1120 (982.5)*2
44.9	66.7	65.0	61.2 (61.4)*2
Φ75mm			
7°	15° 28° 38° 50°		
2	2	2	0
1	2	1	0
2700K 3000K	2700K 3000K	3000K 3500K	3500K 4000K
Ra > 90			
Mirror	Black Chrome	Black	White
White / Black			
1-10V (on-off / DALI)*1			
Adjustable / Fixed / Wallwasher			
Adjustable / Fixed			
Adjustable / Fixed			



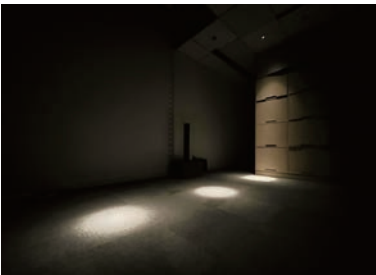
1: "on-off" and "DALI" are custom order. | 2: () = IP44

Pinpoint Light Distribution & A Wide Range of Beam Options

CAMOS 7° beam angle minimizes peripheral light spillage, creating sharp definition that brings out the texture of exhibits and materials. It maintains strong center illuminance even at extended mounting distances, making it ideal for high-ceiling spaces and precise accent lighting applications.

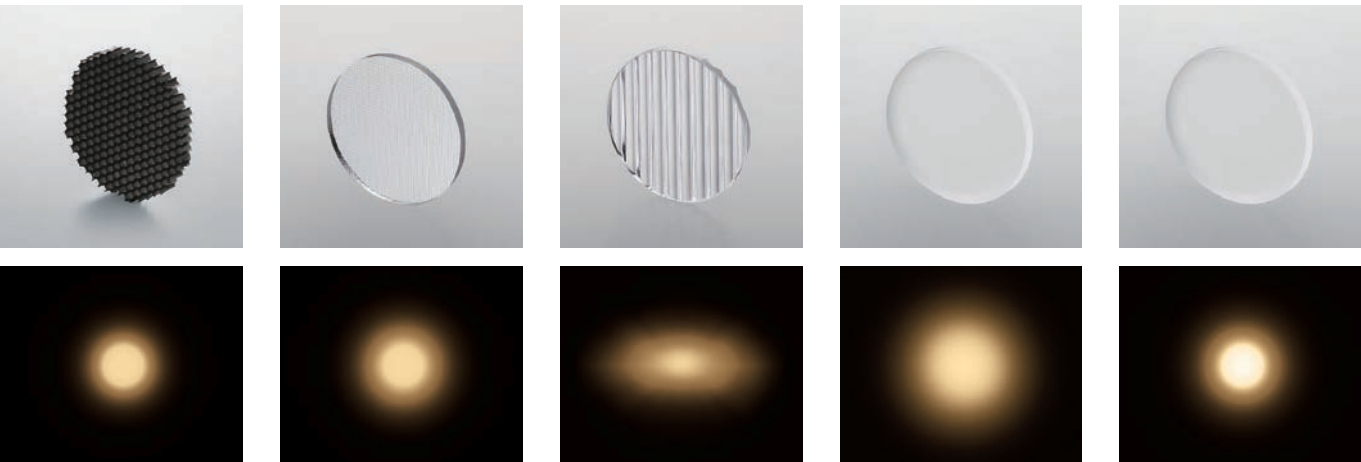


DD130-0504MW9030-DM1



Demonstration of DD130-7° (3.5W) at 2.5 meter ceiling height

Beam Angle Options



Honeycomb Louver DY067-HN (DD130 : Φ60mm) DY068-HN (DD131 : Φ75mm) When attached to the fixture, it delivers superior glare-cut performance while maintaining the intended light distribution.	Diffusion Lens DY067-DL (DD130 : Φ60mm) DY068-DL (DD131 : Φ75mm) Diffuses the light to create a flat, soft illumination with seamless edges.	Spread Lens DY067-SL (DD130 : Φ60mm) DY068-SL (DD131 : Φ75mm) Refracts the light to create a wide beam distribution. Recommended for use with narrow-beam products.	Frosted Lens DY067-XL (DD130 : Φ60mm) DY068-XL (DD131 : Φ75mm) Gently spreads the light, producing illumination that is brighter than with a diffusion lens.	Blur Lens DY067-BL (DD130 : Φ60mm) DY068-BL (DD131 : Φ75mm) Softens the light contour while maintaining higher brightness compared to other lenses.
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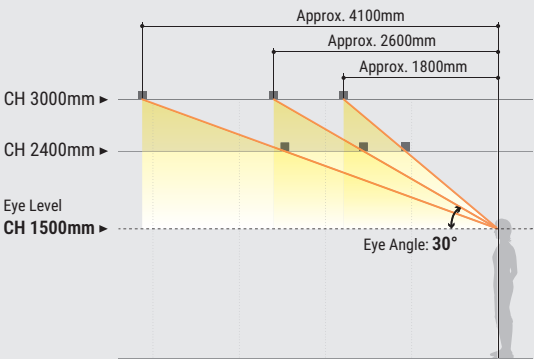
DD130 : Φ60mm									
	DY067-HN	DY067-DL	DY067-SL	DY067-XL	DY067-BL	DY067-HN+			
						DY067-DL	DY067-SL	DY067-XL	DY067-BL
DD130-05	○	○	○	○	○	○	○	○	○
DD130-10	×	×	×	×	×	×	×	×	×
DD130-12	×	×	×	×	×	×	×	×	×

DD131 : Φ75mm									
	DY068-HN	DY068-DL	DY068-SL	DY068-XL	DY068-BL	DY068-HN+			
						DY068-DL	DY068-SL	DY068-XL	DY068-BL
DD131-1005	×	○	○	○	○	×	×	×	×
DD131-1015									
DD131-1030	○	○	○	○	○	○	○	○	○
DD131-1040									
DD131-1050									
DD131-14	×	○	○	○	○	×	×	×	×
DD131-16	×	×	×	×	×	×	×	×	×

Comfortable Light without Glare

Glareless Design Based on 30° Viewing Angle

Glare that people perceive generally comes from two main factors: one is the direct light entering the eyes from the downlight source, and the other is the reflected light from the reflector. With CAMOS's glare-free design, the natural line of sight when standing (approximately 30°) is taken as the reference, ensuring that the light source itself is not directly visible. This achieves comfortable illumination without causing discomfort from glare.



What is UGR?

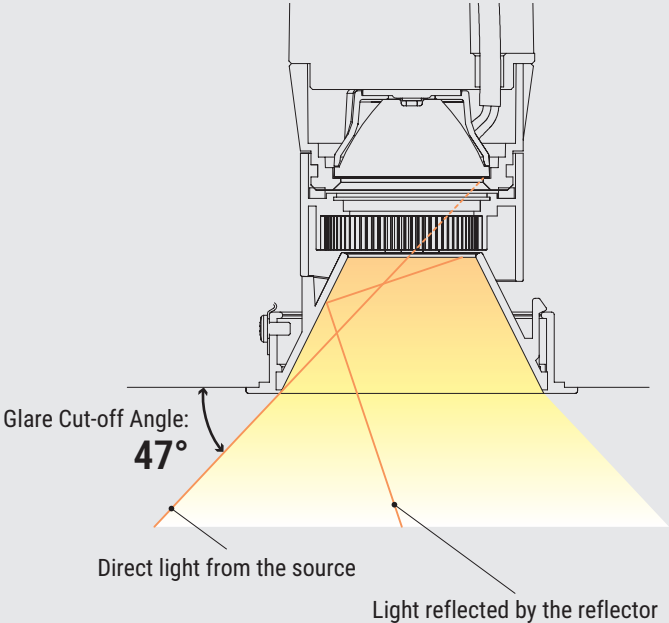
UGR (Unified Glare Rating) is an international standard that quantifies the degree to which lighting fixtures may cause glare discomfort. It factors in elements such as the observer's position, eye level, room reflectance, as well as the luminance and arrangement of fixtures, providing an objective glare evaluation on a scale of roughly 0 to 30. The lower the value, the less visual discomfort is perceived, indicating a more comfortable lighting environment.

CAMOS series achieves an exceptionally low glare rating of UGR<10* in most fixtures, delivering world-class glare suppression performance by international standards. Through design that minimizes light source visibility and precise light control, it provides eye-friendly, comfortable illumination with virtually no glare sensation for spaces where people spend extended periods of time.

*Excluding ultra-wide beam distribution.

CAMOS = UGR<10

CAMOS achieves comfortable illumination by combining a design that considers viewing angles with precise light control to minimize glare. Most fixtures reach UGR < 10, delivering low-glare lighting that blends naturally into architectural spaces.



UGR Value	Glare Level
31	Intolerable
28	Highly Uncomfortable
25	Uncomfortable
22	Borderline Uncomfortable
19	Noticeable But Comfortable
16	Comfortable
13	Just Perceptible
10	Barely Perceptible
7	Not Perceptible

Glare Control with Reflector Materials



Black Chrome Cone

In addition to viewing angles, glare can also be reduced through the choice of reflector materials and surface finishes. Among them, metallic reflectors allow for highly efficient light control, minimizing stray light at high angles while suppressing halos and flare. CAMOS takes full advantage of these properties, meticulously refining its reflectors to achieve "flare-free light" and a "uniformly illuminated surface" through reflector design alone.

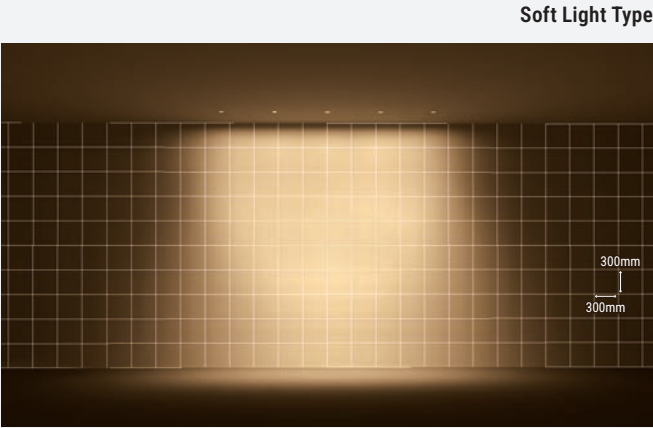
In particular, the black mirror cone achieves a glare-free mirror finish through proprietary optical and structural design combined with advanced coating technology, minimizing light reflection into the surrounding space to the utmost degree. With no sense of fixture brightness on ceilings or wasted light on walls, it creates sharp accent lighting exclusively on the target object.



Project Name: Pearl Dragon, Studio
Location / City: Macau
Interior Design: AND Associates
Lighting Design: LIGHTLINKS

Camos Wallwasher

CAMOS also features a Wallwasher series that beautifully illuminates wall surfaces. The Soft Light type creates a calm ambiance with gentle illumination, naturally enhancing wall textures and design details. Because the light is not overly intense, it helps keep the visual impression comfortable even on prominent wall surfaces. It is well suited for entrances, lounges, and corridors where a refined atmosphere and a sense of ease are important, presenting the wall as an elegant background element within the space.



Trimless: Ultimately Minimized

In addition to its compact size, the trimless design eliminates the presence of the fixture from the ceiling, creating an effect where only the light itself seems to float within the space. CAMOS Trimless is ideal for discerning environments such as luxury hotels, art galleries, and high-end residences, where architectural integration and the inherent beauty of light take precedence over fixture visibility.



Installation Instructions

- 01

Cut a 60mm hole in the ceiling, suitable for a ceiling thickness of 5–25mm.
- 02

For installing accessories, hold the luminaire body, press down the top, rotate counterclockwise, and pull out.
- 03

Install accessories.
- 04

Lock the embedded part in place with screws.
- 05

Brush the interface agent, putty powder and paint on the surface of the outer ring.
- 06

With the power turned off, connect the driver's input wires to the terminal block: live wire to "L" and neutral wire to "N".
- 07

Organize the wires and place the driver into the ceiling.
- 08

Push the luminaire into the frame and install it following the arrow direction on the housing.
- 09

Finished installation illustration.

CAMOS

Φ60 Adjustable Downlight

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

Adjustable

Ra > 90

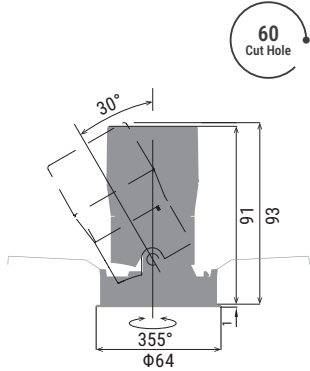
CE

CCC

With its unique optical design, CAMOS improves luminous efficiency while delivering refined and sophisticated lighting.

The fixture and cone are engineered to conceal the light source, reducing glare for a more comfortable visual experience.

Along with its compact size and dimming compatibility, CAMOS features an adjustable mechanism that allows the beam direction to be freely set, enabling flexible lighting tailored to the space and design intent.



Specifications	
Body	Die-cast aluminum alloy, anti-glare type
Frame	Fine white (Black) paint
Total Weight	0.4kg
Movable Type (up to 30°)	
Use of ceiling plate thickness of 5-25mm	
With power supply unit (AC 220-240V)	
DM1	Can use with 1-10V dimming

Height (Weight)	
3.5W	97 (0.4kg)
7.2W	93 (0.4kg)
8.8W	93 (0.4kg)
10.5W	93 (0.4kg)

Options & Accessories

Honeycomb Louver
DY067-HN

Diffusion Lens
DY067-DL

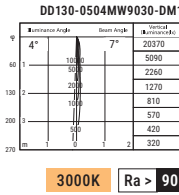
Spread Lens
DY067-SL

Frosted Lens
DY067-XL

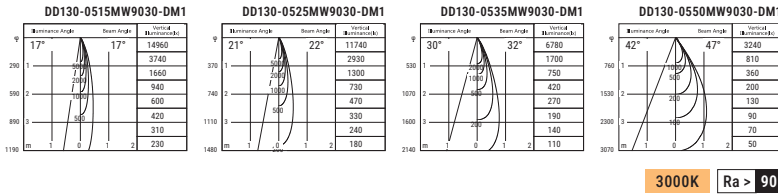
Blur Lens
DY067-BL

* 2 accessories are available for 3.5W, 7.2W (1 HN+1 Lens)
* 1 accessory is available for 8.8W (DD130-10XX)
* Accessory is not available for 10.5W

Ordering Code	Wattage	Beam Angle	CRI (Ra)	UGR	CCT (xx =)	
						27 30
						Lumen Output (Fixture)
0504 M W 90 xx - DM1	3.5W	7°	Ra > 90	UGR < 10	131	142



Ordering Code	Wattage	Beam Angle	CRI (Ra)	UGR	CCT (xx =)			
						27 30 35 40		
						Lumen Output (Fixture)		
0515 M W 90 xx - DM1	7.2W	17°	Ra > 90	UGR < 10	396	409	417	429
0525 M W 90 xx - DM1		22°		UGR < 10	439	453	462	475
0535 M W 90 xx - DM1		32°		UGR < 10	461	476	485	499
0550 M W 90 xx - DM1		47°		UGR < 19	439	452	461	475



Ordering Code Example

DD130 – 0504

M

W

90

27

30

–

DM1

3.5W (7°)

Cone Colour

Trim Colour

CRI

CCT

Dimmable

M : Mirror

C : Black Chrome

W : White

B : Black

W : White

B : Black

Ra > 90

27 : 2700K
30 : 3000K

1-10V
Dimming

DD130 – 0515

M

W

90

27

30

–

DM1

7.2W (17°)

Cone Colour

Trim Colour

CRI

CCT

Dimmable

M : Mirror

C : Black Chrome

W : White

B : Black

W : White

B : Black

Ra > 90

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K1-10V
Dimming

Colour

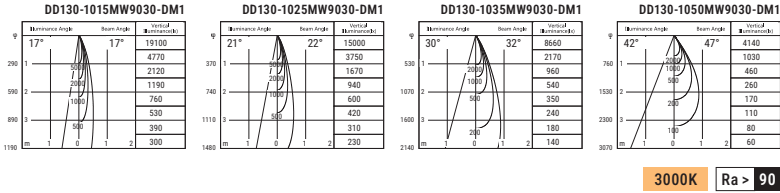
Mirror (MW)

Black Chrome (CW)

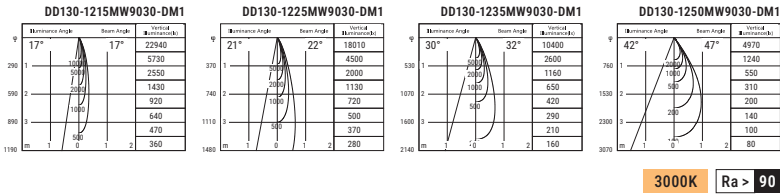
Black (BW)

White (WW)

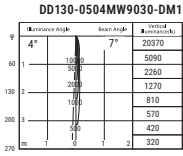
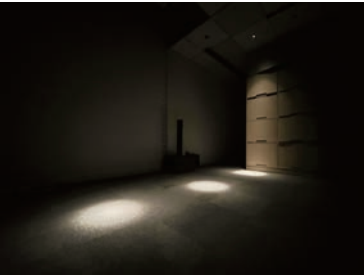
Ordering Code	Wattage	Beam Angle	CRI (Ra)	UGR	CCT (xx =)			
						27 30 35 40		
						Lumen Output (Fixture)		
1015 M W 90 xx - DM1	8.8W	17°	Ra > 90	UGR < 10	507	522	533	549
1025 M W 90 xx - DM1		22°		UGR < 10	562	579	591	608
1035 M W 90 xx - DM1		32°		UGR < 10	590	608	620	639
1050 M W 90 xx - DM1		47°		UGR < 19	561	578	590	607



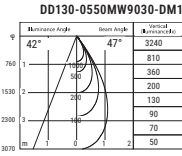
Ordering Code	Wattage	Beam Angle	CRI (Ra)	UGR	CCT (xx =)			
						27 30 35 40		
						Lumen Output (Fixture)		
1215 M W 90 xx - DM1	10.5W	17°	Ra > 90	UGR < 10	608	627	640	658
1225 M W 90 xx - DM1		22°		UGR < 10	674	695	709	730
1235 M W 90 xx - DM1		32°		UGR < 10	708	730	745	767
1250 M W 90 xx - DM1		47°		UGR < 19	673	694	708	729



Demonstration of DD130-7° (3.5W)
at 2.5 meter ceiling height



Demonstration of DD130-47° (7.2W)
at 3 meter ceiling height



* For driver size and precise IES file, please contact our sales person.

* For product improvement, the specifications, appearance, are subject to change without prior notice.

CAMOS

Φ60 Fixed Downlight

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

Fixed

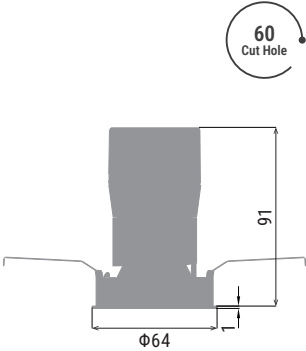
Ra > 90

CE

CCC

As a fixed downlight, it integrates beautifully into the ceiling, delivering stable and consistent illumination.

With its compact size and dimming compatibility, it provides ideal lighting for hospitality spaces such as hotels and restaurants, as well as for a variety of settings where a calm and refined atmosphere is desired.



Specifications	
Body	Die-cast aluminum alloy, anti-glare type
Frame	Fine white (Black) paint
Total Weight	0.4kg
Use of ceiling plate thickness of 5-25mm	
With power supply unit (AC 220-240V)	
DM1	Can use with 1-10V dimming

Height (Weight)	
3.5W	96.5 (0.4kg)
7.2W	91.5 (0.4kg)
8.8W	91.5 (0.4kg)
10.5W	91.5 (0.4kg)

Options & Accessories

Honeycomb Louver
DY067-HN

Diffusion Lens
DY067-DL

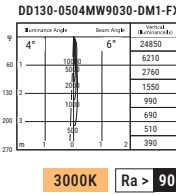
Spread Lens
DY067-SL

Frosted Lens
DY067-XL

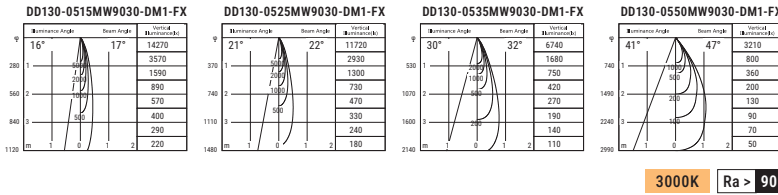
Blur Lens
DY067-BL

* 2 accessories are available for 3.5W, 7.2W (1 HN+1 Lens)
* 1 accessory is available for 8.8W (DD130-10XX)
* Accessory is not available for 10.5W

Ordering Code	Wattage	Beam Angle	CRI (Ra)	UGR	CCT ([xx] =)	
						27 30
						Lumen Output (Fixture)
0504 M W 90 [xx] - DM1 - FX	3.5W	6°	Ra > 90	UGR < 10	130	141



Ordering Code	Wattage	Beam Angle	CRI (Ra)	UGR	CCT ([xx] =)	
						27 30 35 40
						Lumen Output (Fixture)
0515 M W 90 [xx] - DM1 - FX	7.2W	17°	Ra > 90	UGR < 10	381	393 401 413
0525 M W 90 [xx] - DM1 - FX		22°		UGR < 10	435	449 458 471
0535 M W 90 [xx] - DM1 - FX		32°		UGR < 10	461	476 485 499
0550 M W 90 [xx] - DM1 - FX		47°		UGR < 19	447	461 471 484



Ordering Code Example

DD130 – 0504

M

W

90

27

–

DM1

–

FX

3.5W (6°)

Cone Colour

Trim Colour

CRI

CCT

Dimmable

M : Mirror
C : Black Chrome
W : White
B : Black

W : White
B : Black

Ra > 90

27 : 2700K
30 : 3000K

1-10V
Dimming

DD130 – 0515

M

W

90

27

–

DM1

–

FX

3.5W (6°)

Cone Colour

Trim Colour

CRI

CCT

Dimmable

M : Mirror
C : Black Chrome
W : White
B : BlackW : White
B : Black

Ra > 90

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K1-10V
Dimming

Colour

Mirror (MW) Black Chrome (CW)

Black (BW) White (WW)

Ordering Code	Wattage	Beam Angle	CRI (Ra)	UGR	CCT ([xx] =)			
					27	30	35	40
DD130 -					Lumen Output (Fixture)			
1015 M W 90 [xx] - DM1 - FX	8.8W	17°	Ra > 90	UGR < 10	487	502	512	528
1025 M W 90 [xx] - DM1 - FX		22°		UGR < 10	557	574	586	603
1035 M W 90 [xx] - DM1 - FX		32°		UGR < 10	590	608	620	639
1050 M W 90 [xx] - DM1 - FX		47°		UGR < 19	572	590	602	619

CAMOS IP44

Φ60 Adjustable Downlight

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

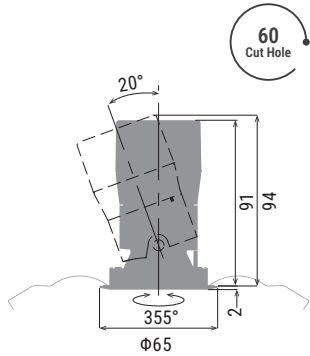
Wide Flood

Adjustable

Ra > 90

CE

Despite its compact design, it is compliant with IP44, ensuring safe use even in bathrooms, wet areas, or humid environments. As a lighting solution offering both safety and durability, it supports a wide range of installation scenarios. Combined with a variety of beam options, it can flexibly adapt to diverse design requirements.



Specifications	
Body	Die-cast aluminum alloy, anti-glare type
Frame	Fine white (Black) paint
Total Weight	0.4kg
Movable Type (up to 20°)	
Use of ceiling plate thickness of 5-25mm	
With power supply unit (AC 220-240V)	
DM1	Can use with 1-10V dimming
0	Equivalent with IP44 from the bottom

Height (Weight)	
3.5W	99 (0.4kg)
7.2W	94 (0.4kg)
8.8W	94 (0.4kg)
10.5W	94 (0.4kg)

Options & Accessories

Honeycomb Louver
DY067-HN

Diffusion Lens
DY067-DL

Spread Lens
DY067-SL

Frosted Lens
DY067-XL

Blur Lens
DY067-BL

* 2 accessories are available for 3.5W, 7.2W (1 HN+1 Lens)
* Accessory is not available for 8.8W, 10.5W

Ordering Code Example

DD130 – 0504

M

W

90

27

–

DM1

–

0

3.5W (6°)

Cone Colour
M : Mirror
C : Black Chrome
W : White
B : Black

Trim Colour
W : White
B : Black

CRI
Ra > 90

CCT
27 : 2700K
30 : 3000K

Dimmable
1-10V
Dimming

Option
Equivalent with IP44 from the bottom

DD130 – 0515

M

W

90

27

–

DM1

–

0

Cone Colour
M : Mirror
C : Black Chrome
W : White
B : Black

Trim Colour
W : White
B : Black

CRI
Ra > 90

CCT
27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

Dimmable
1-10V
Dimming

Option
Equivalent with IP44 from the bottom

Colour

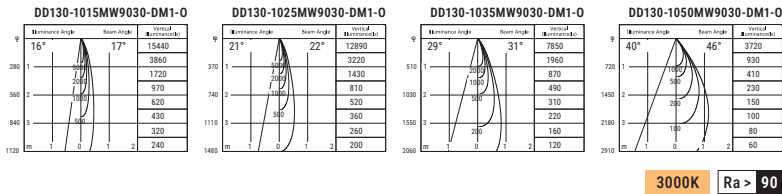
Mirror (MW)

Black Chrome (CW)

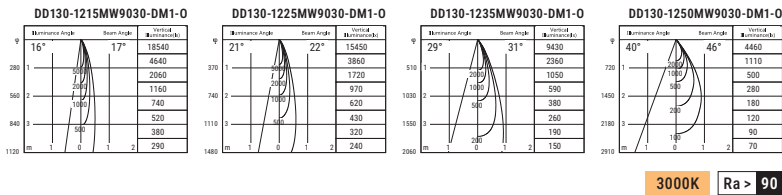
Black (BW)

White (WW)

Ordering Code	Wattage	Beam Angle	CRI (Ra)	UGR	CCT ([xx] =)			
					27	30	35	40
Lumen Output (Fixture)								
1015 M W 90 [xx] - DM1 - 0	8.8W	17°	Ra > 90	UGR < 10	416	429	438	451
1025 M W 90 [xx] - DM1 - 0		22°		UGR < 10	496	512	522	537
1035 M W 90 [xx] - DM1 - 0		31°		UGR < 10	537	553	564	581
1050 M W 90 [xx] - DM1 - 0		46°		UGR < 19	500	516	526	542



Ordering Code	Wattage	Beam Angle	CRI (Ra)	UGR	CCT ([xx] =)			
					27	30	35	40
Lumen Output (Fixture)								
1215 M W 90 [xx] - DM1 - 0	10.5W	17°	Ra > 90	UGR < 10	500	515	525	541
1225 M W 90 [xx] - DM1 - 0		22°		UGR < 10	596	614	626	645
1235 M W 90 [xx] - DM1 - 0		31°		UGR < 10	644	664	677	697
1250 M W 90 [xx] - DM1 - 0		46°		UGR < 19	600	619	631	650



CAMOS

IP44

Φ60 Fixed Downlight

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

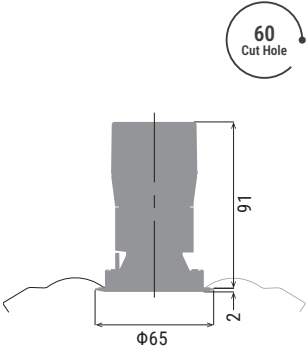
Fixed

Ra > 90

CE

CCC

The IP44-compliant fixed downlight is ideal for spatial designs that require simple, stable illumination, fitting beautifully even into limited spaces. With dust- and water-resistant performance and proven reliability, it ensures long-lasting use in a wide variety of environments, from residential wet areas to commercial facilities.



Specifications	
Body	Die-cast aluminum alloy, anti-glare type
Frame	Fine white (Black) paint
Total Weight	0.4kg
Use of ceiling plate thickness of 5-25mm	
With power supply unit (AC 220-240V)	
DM1	Can use with 1-10V dimming
0	Equivalent with IP44 from the bottom

Height (Weight)	
3.5W	96 (0.4kg)
7.2W	91 (0.4kg)
8.8W	91 (0.4kg)
10.5W	91 (0.4kg)

Options & Accessories

Honeycomb Louver
DY067-HN

Diffusion Lens
DY067-DL

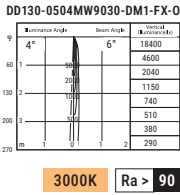
Spread Lens
DY067-SL

Frosted Lens
DY067-XL

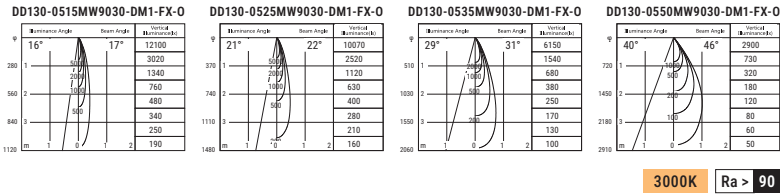
Blur Lens
DY067-BL

* 2 accessories are available for 3.5W, 7.2W (1 HN+1 Lens)
* Accessory is not available for 8.8W, 10.5W

Ordering Code	Wattage	Beam Angle	CRI (Ra)	UGR	CCT ([xx] =)	
						27 30
						Lumen Output (Fixture)
0504 M W 90 [xx] - DM1 - FX - 0	3.5W	6°	Ra > 90	UGR < 10	108	117



Ordering Code	Wattage	Beam Angle	CRI (Ra)	UGR	CCT ([xx] =)			
						27 30 35 40		
						Lumen Output (Fixture)		
0515 M W 90 [xx] - DM1 - FX - 0	7.2W	17°	Ra > 90	UGR < 10	325	336	342	352
0525 M W 90 [xx] - DM1 - FX - 0		22°		UGR < 10	388	400	408	420
0535 M W 90 [xx] - DM1 - FX - 0		31°		UGR < 10	420	433	441	454
0550 M W 90 [xx] - DM1 - FX - 0		46°		UGR < 19	391	403	411	423



Ordering Code Example

DD130 – 0504

M

W

90

27

–

DM1

–

FX

–

0

3.5W (6°)

Cone Colour

M : Mirror
C : Black Chrome
W : White
B : Black

Trim Colour

W : White
B : Black

CRI

Ra > 90

CCT

27 : 2700K
30 : 3000K

Dimmable

1-10V
Dimming

Option

Equivalent with IP44 from the bottom

DD130 – 0515

M

W

90

27

–

DM1

–

FX

–

0

Cone Colour

M : Mirror
C : Black Chrome
W : White
B : Black

Trim Colour

W : White
B : Black

CRI

Ra > 90

CCT

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

Dimmable

1-10V
Dimming

Option

Equivalent with IP44 from the bottom

Colour

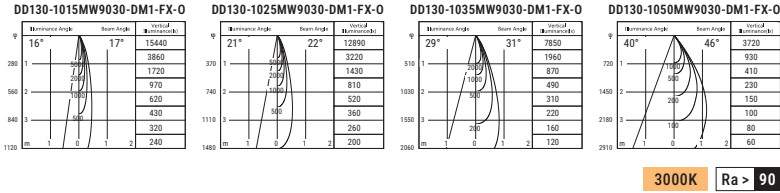
Mirror (MW)

Black Chrome (CW)

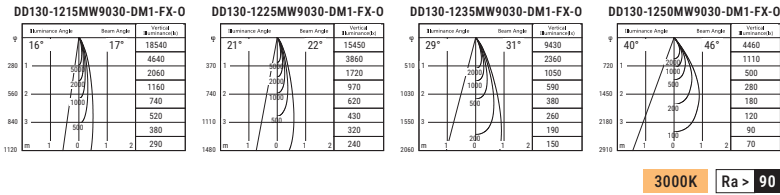
Black (BW)

White (WW)

Ordering Code	Wattage	Beam Angle	CRI (Ra)	UGR	CCT ([xx] =)			
						27 30 35 40		
						Lumen Output (Fixture)		
1015 M W 90 [xx] - DM1 - FX - 0	8.8W	17°	Ra > 90	UGR < 10	416	429	438	451
1025 M W 90 [xx] - DM1 - FX - 0		22°		UGR < 10	496	512	522	537
1035 M W 90 [xx] - DM1 - FX - 0		32°		UGR < 10	537	553	564	581
1050 M W 90 [xx] - DM1 - FX - 0		47°		UGR < 19	500	516	526	542



Ordering Code	Wattage	Beam Angle	CRI (Ra)	UGR	CCT ([xx] =)			
						27 30 35 40		
						Lumen Output (Fixture)		
1215 M W 90 [xx] - DM1 - FX - 0	10.5W	17°	Ra > 90	UGR < 10	500	515	525	541
1225 M W 90 [xx] - DM1 - FX - 0		22°		UGR < 10	596	614	626	645
1235 M W 90 [xx] - DM1 - FX - 0		31°		UGR < 10	644	664	677	697
1250 M W 90 [xx] - DM1 - FX - 0		46°		UGR < 19	600	619	631	650



* For driver size and precise IES file, please contact our sales person.

* For product improvement, the specifications, appearance, are subject to change without prior notice.

CAMOS

Φ60 Wallwasher Downlight

2700K

3000K

3500K

4000K

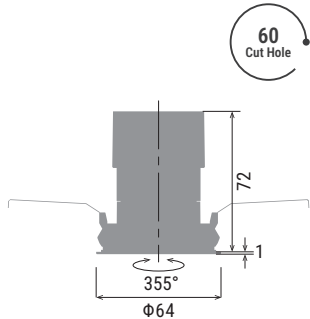


Wall Washer

Ra > 90

CE

DD130 – 05	B	W	90	27	–	DM1
Soft Light Type	Cone Colour	Trim Colour	CRI	CCT		Dimmable
	B : Black	W : White B : Black	Ra > 90	27 : 2700K 30 : 3000K 35 : 3500K 40 : 4000K		1-10V Dimming



Specifications	
Body	Die-cast aluminum alloy, anti-glare type
Frame	Fine white (Black) paint
Total Weight	0.4kg
Use of ceiling plate thickness of 5-25mm	
With power supply unit (AC 220-240V)	
DM1	Can use with 1-10V dimming

Height (Weight)	
7.2W	72 (0.4kg)
8.8W	72 (0.4kg)

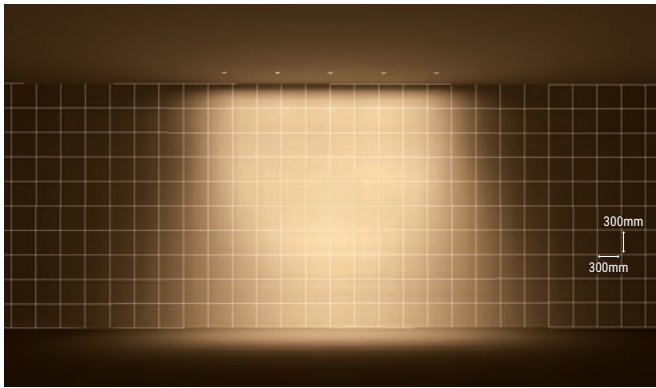
Colour



White (BW)



Black (BB)



Soft Light Type

CAMOS

Trimless Φ60 Adjustable / Fixed Downlight

2700K

3000K

3500K

4000K

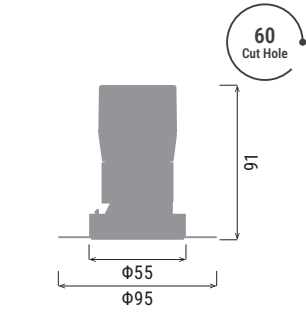
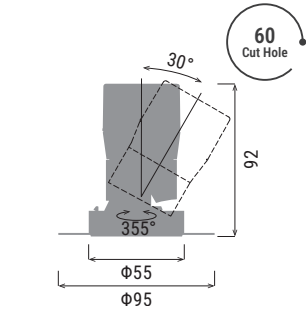
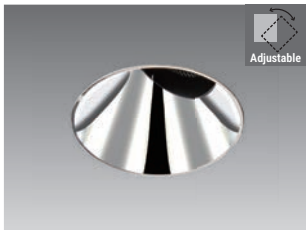


Adjustable

Ra > 90

CE

Adjustable	DD130 – 0515	M	W	90	27	–	DM1	–	TL
		Cone Colour	Trim Colour	CRI	CCT		Dimmable		
	*3.5W (7°) CCT: 27 & 30 only	M : Mirror C : Black Chrome	W : White B : Black	Ra > 90	27 : 2700K 30 : 3000K	35 : 3500K 40 : 4000K	1-10V Dimming		
Fixed	DD130 – 0515	M	W	90	27	–	DM1	–	FX – TL
		Cone Colour	Trim Colour	CRI	CCT		Dimmable		
	*3.5W (6°) CCT: 27 & 30 only	M : Mirror C : Black Chrome	W : White B : Black	Ra > 90	27 : 2700K 30 : 3000K	35 : 3500K 40 : 4000K	1-10V Dimming		



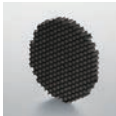
Ordering Code	Wattage	Beam Angle	CRI (Ra)	UGR	CCT (<u>xx</u>) =			
					27	30	35	40
Lumen Output (Fixture)								
0504 M W 90 <u>xx</u> - DM1 - TL	3.5W	7°	Ra > 90	UGR < 10	131	142		
0515 M W 90 <u>xx</u> - DM1 - TL	7.2W	17°	Ra > 90	UGR < 10	396	409	417	429
0525 M W 90 <u>xx</u> - DM1 - TL		22°		UGR < 10	439	453	462	475
0535 M W 90 <u>xx</u> - DM1 - TL		32°		UGR < 10	461	476	485	499
0550 M W 90 <u>xx</u> - DM1 - TL		47°		UGR < 19	439	452	461	475
1015 M W 90 <u>xx</u> - DM1 - TL	8.8W	17°	Ra > 90	UGR < 10	507	522	533	549
1025 M W 90 <u>xx</u> - DM1 - TL		22°		UGR < 10	562	579	591	608
1035 M W 90 <u>xx</u> - DM1 - TL		32°		UGR < 10	590	608	620	639
1050 M W 90 <u>xx</u> - DM1 - TL		47°		UGR < 19	561	578	590	607
1215 M W 90 <u>xx</u> - DM1 - TL	10.5W	17°	Ra > 90	UGR < 10	608	627	640	658
1225 M W 90 <u>xx</u> - DM1 - TL		22°		UGR < 10	674	695	709	730
1235 M W 90 <u>xx</u> - DM1 - TL		32°		UGR < 10	708	730	745	767
1250 M W 90 <u>xx</u> - DM1 - TL		47°		UGR < 19	673	694	708	729

→ Please see [P. 20 - 21](#) for light distribution chart.

Ordering Code	Wattage	Beam Angle	CRI (Ra)	UGR	CCT (<u>xx</u>) =			
					27	30	35	40
Lumen Output (Fixture)								
0504 M W 90 <u>xx</u> - DM1 - FX - TL	3.5W	6°	Ra > 90	UGR < 10	130	141		
0515 M W 90 <u>xx</u> - DM1 - FX - TL	7.2W	17°	Ra > 90	UGR < 10	381	393	401	413
0525 M W 90 <u>xx</u> - DM1 - FX - TL		22°		UGR < 10	435	449	458	471
0535 M W 90 <u>xx</u> - DM1 - FX - TL		32°		UGR < 10	461	476	485	499
0550 M W 90 <u>xx</u> - DM1 - FX - TL		47°		UGR < 19	447	461	471	484
1015 M W 90 <u>xx</u> - DM1 - FX - TL	8.8W	17°	Ra > 90	UGR < 10	487	502	512	528
1025 M W 90 <u>xx</u> - DM1 - FX - TL		22°		UGR < 10	557	574	586	603
1035 M W 90 <u>xx</u> - DM1 - FX - TL		32°		UGR < 10	590	608	620	639
1050 M W 90 <u>xx</u> - DM1 - FX - TL		47°		UGR < 19	572	590	602	619
1215 M W 90 <u>xx</u> - DM1 - FX - TL	10.5W	17°	Ra > 90	UGR < 10	585	603	615	633
1225 M W 90 <u>xx</u> - DM1 - FX - TL		22°		UGR < 10	668	689	703	723
1235 M W 90 <u>xx</u> - DM1 - FX - TL		32°		UGR < 10	708	730	745	767
1250 M W 90 <u>xx</u> - DM1 - FX - TL		47°		UGR < 19	687	708	722	743

→ Please see [P. 22 - 23](#) for light distribution chart.

Options & Accessories



Honeycomb Louver
DY067-HN



Diffusion Lens
DY067-DL



Spread Lens
DY067-SL



Frosted Lens
DY067-XL

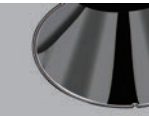


Blur Lens
DY067-BL

Colour



Mirror (MW)



Black Chrome (CW)



Black (BW)



White (WW)

* 2 accessories are available for 3.5W, 7.2W (1 HN+1 Lens) | * 1 accessory is available for 8.8W (DD130-10XX) | * Accessory is not available for 10.5W

CAMOS

Φ75 Adjustable Downlight

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

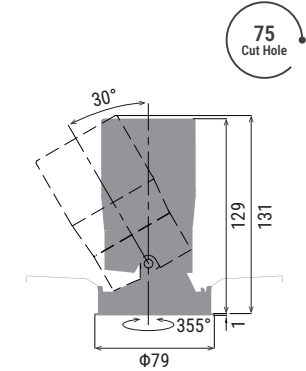
Wide Flood

Adjustable

Ra > 90

CE

Featuring Φ75 optical design, the DD131 series significantly increases light output and staging capability per fixture over the DD130 (Φ60). It maintains DD130's proven high-efficiency lens and low-glare technology while delivering impressive luminous presence suitable for expansive spaces and elevated ceiling applications. Multiple beam angle options make DD131 perfect for hotels, commercial facilities, and other projects demanding versatile lighting solutions.



Specifications	
Body	Die-cast aluminum alloy, anti-glare type
Frame	Fine white (Black) paint
Total Weight	0.6kg
Movable Type (up to 30°)	
Use of ceiling plate thickness of 5-25mm	
With power supply unit (AC 220-240V)	
DM1	Can use with 1-10V dimming

Height (Weight)	
10.7W (7°)	131 (0.6kg)
10.2W	126 (0.6kg)
14.0W	126 (0.6kg)
18.3W	126 (0.6kg)

Options & Accessories

DY068-HN

DY068-DL

DY068-SL

DY068-XL

DY068-BL

* 2 accessories are available for 10.2W, 14.0W (1 HN+1 Lens)
* Accessory is not available for 18.3W

Ordering Code Example

DD131 – 1005

M

W

90

27

–

DM1

10.7W (7°)

Cone Colour
M : Mirror
C : Black Chrome
W : White
B : Black

Trim Colour
W : White
B : Black

CRI
Ra > 90

CCT
27 : 2700K
30 : 3000K

Dimmable
1-10V
Dimming

DD131 – 1015

M

W

90

27

–

DM1

Cone Colour
M : Mirror
C : Black Chrome
W : White
B : Black

Trim Colour
W : White
B : Black

CRI
Ra > 90

CCT
27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

Dimmable
1-10V
Dimming

Colour

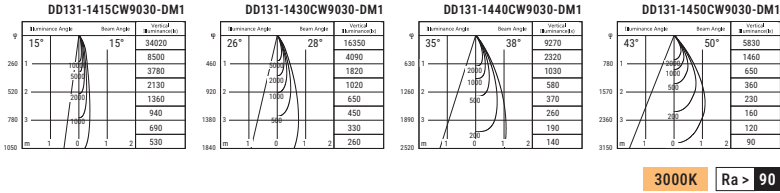
Mirror (MW)

Black Chrome (CW)

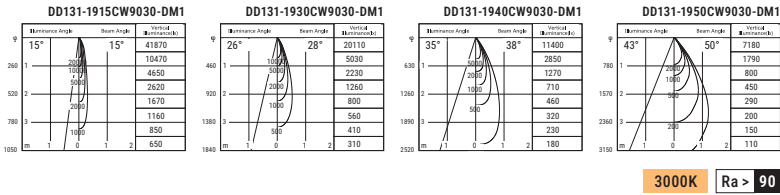
Black (BW)

White (WW)

Ordering Code	Wattage	Beam Angle	CRI (Ra)	UGR	CCT ([XX] =)			
DD131 -					27	30	35	40
Lumen Output (Fixture)								
1415 C W 90 [XX] - DM1	14.0W	15°	Ra > 90	UGR < 10	799	832	829	899
1430 C W 90 [XX] - DM1		28°		UGR < 10	918	956	952	1032
1440 C W 90 [XX] - DM1		38°		UGR < 10	913	951	947	1027
1450 C W 90 [XX] - DM1		50°		UGR < 19	882	919	915	993



Ordering Code	Wattage	Beam Angle	CRI (Ra)	UGR	CCT ([XX] =)			
DD131 -					27	30	35	40
Lumen Output (Fixture)								
1915 C W 90 [XX] - DM1	18.3W	15°	Ra > 90	UGR < 10	983	1024	1020	1106
1930 C W 90 [XX] - DM1		28°		UGR < 10	1129	1176	1171	1270
1940 C W 90 [XX] - DM1		38°		UGR < 10	1123	1170	1165	1264
1950 C W 90 [XX] - DM1		50°		UGR < 19	1086	1131	1126	1221



3000K Ra > 90

CAMOS

Φ75 Fixed Downlight

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

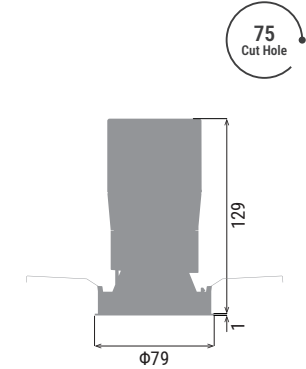
Fixed

Ra > 90

CE

CCC

This is a fixed downlight that offers abundant luminous output and expansive coverage unique to its Φ75 size. It integrates neatly into the ceiling, delivering uniform, calming illumination. With its larger fixture size, it ensures stable brightness even in high-ceiling or wide spaces, making it suitable for a broad range of applications from residences to public facilities and retail shops. Its simple, user-friendly design makes it a standard lighting solution that enhances the overall quality of any space.



Specifications	
Body	Die-cast aluminum alloy, anti-glare type
Frame	Fine white (Black) paint
Total Weight	0.6kg
Use of ceiling plate thickness of 5-25mm	
With power supply unit (AC 220-240V)	
DM1	Can use with 1-10V dimming

Height (Weight)	
10.7W (7°)	129 (0.6kg)
10.2W	122 (0.6kg)
14.0W	122 (0.6kg)
18.3W	122 (0.6kg)

Options & Accessories

Diffusion Lens

DY068-HN

DY068-DL

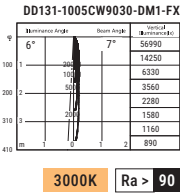
DY068-SL

DY068-XL

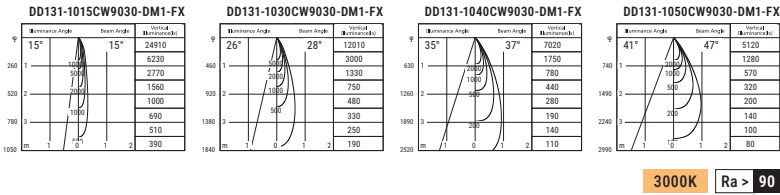
DY068-BL

* 2 accessories are available for 10.2W, 14.0W (1 HN+1 Lens)
* Accessory is not available for 18.3W

Ordering Code	Wattage	Beam Angle	CRI (Ra)	UGR	CCT ([XX] =)	
DD131 -					27	30
Lumen Output (Fixture)						
1005 C W 90 [XX] - DM1 - FX	10.7W	7°	Ra > 90	UGR < 10	447	486



Ordering Code	Wattage	Beam Angle	CRI (Ra)	UGR	CCT ([XX] =)			
DD131 -					27	30	35	40
Lumen Output (Fixture)								
1015 C W 90 [XX] - DM1 - FX	10.2W	15°	Ra > 90	UGR < 10	589	614	612	663
1030 C W 90 [XX] - DM1 - FX		28°		UGR < 10	671	699	696	755
1040 C W 90 [XX] - DM1 - FX		37°		UGR < 10	676	704	701	760
1050 C W 90 [XX] - DM1 - FX		47°		UGR < 19	688	717	714	774



Ordering Code Example

DD131 – 1005

M

W

90

27

–

DM1

–

FX

10.7W (7°)

Cone Colour

M : Mirror
C : Black Chrome
W : White
B : Black

Trim Colour

W : White
B : Black

CRI

Ra > 90

CCT

27 : 2700K
30 : 3000K

Dimmable

1-10V Dimming

DD131 – 1015

M

W

90

27

–

DM1

–

FX

Cone Colour

M : Mirror
C : Black Chrome
W : White
B : Black

Trim Colour

W : White
B : Black

CRI

Ra > 90

CCT

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

Dimmable

1-10V Dimming

Colour

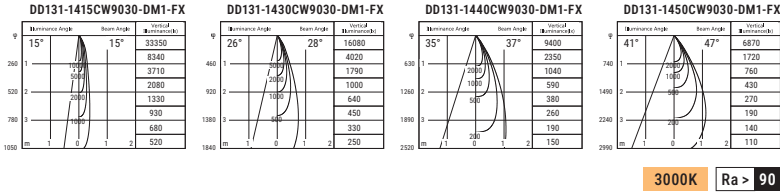
Mirror (MW)

Black Chrome (CW)

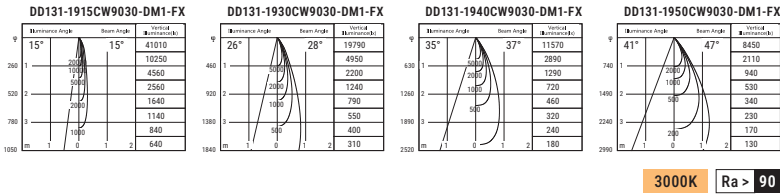
Black (BW)

White (WW)

Ordering Code	Wattage	Beam Angle	CRI (Ra)	UGR	CCT ([XX] =)			
DD131 -					27	30	35	40
Lumen Output (Fixture)								
1415 C W 90 [XX] - DM1 - FX	14.0W	15°	Ra > 90	UGR < 10	789	822	819	888
1430 C W 90 [XX] - DM1 - FX		28°		UGR < 10	899	936	932	1011
1440 C W 90 [XX] - DM1 - FX		38°		UGR < 10	905	943	939	1018
1450 C W 90 [XX] - DM1 - FX		47°		UGR < 19	923	961	957	1038



Ordering Code	Wattage	Beam Angle	CRI (Ra)	UGR	CCT (XX) =			
DD131 -					27	30	35	40
Lumen Output (Fixture)								
1915 C W 90 XX - DM1 - FX	18.3W	15°	Ra > 90	UGR < 10	971	1011	1007	1092
1930 C W 90 XX - DM1 - FX		28°		UGR < 10	1106	1152	1147	1244
1940 C W 90 XX - DM1 - FX		38°		UGR < 10	1114	1160	1155	1253
1950 C W 90 XX - DM1 - FX		47°		UGR < 19	1135	1182	1177	1277



* For driver size and precise IES file, please contact our sales person.

* For product improvement, the specifications, appearance, are subject to change without prior notice.

CAMOS IP44

Φ75 Adjustable Downlight

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

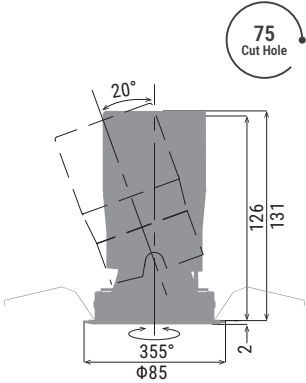
Wide Flood

Adjustable

Ra > 90

CE

Featuring Φ75 optical design, the DD131 series significantly increases light output and staging capability per fixture over the DD130 (Φ60). It maintains DD130's proven high-efficiency lens and low-glare technology while delivering impressive luminous presence suitable for expansive spaces and elevated ceiling applications. Multiple beam angle options make DD131 perfect for hotels, commercial facilities, and other projects demanding versatile lighting solutions.



Specifications	
Body	Die-cast aluminum alloy, anti-glare type
Frame	Fine white (Black) paint
Total Weight	0.6kg
Movable Type (up to 30°)	
Use of ceiling plate thickness of 5-25mm	
With power supply unit (AC 220-240V)	
DM1	Can use with 1-10V dimming
O	Equivalent with IP44 from the bottom

Height (Weight)	
10.7W (7°)	131 (0.6kg)
10.2W	126 (0.6kg)
14.0W	126 (0.6kg)
16.0W	126 (0.6kg)

Options & Accessories

Honeycomb Louver
DY068-HN

Diffusion Lens
DY068-DL

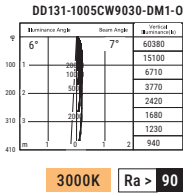
Spread Lens
DY068-SL

Frosted Lens
DY068-XL

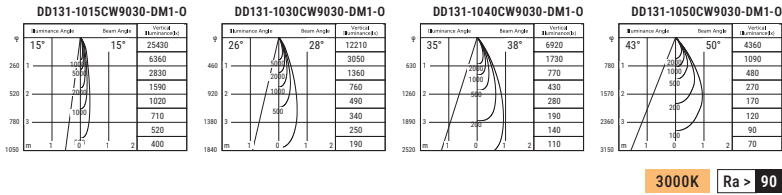
Blur Lens
DY068-BL

* 2 accessories are available for 10.2W (DD131-10XX)
* 1 accessory is available for 10.7W/14.0W (1 Lens)
* Accessory is not available for 16.0W

Ordering Code	Wattage	Beam Angle	CRI (Ra)	UGR	CCT ([XX] =)	
						27 30
						Lumen Output (Fixture)
1005 C W 90 [XX] - DM1 - O	10.7W	7°	Ra > 90	UGR < 10	449	488



Ordering Code	Wattage	Beam Angle	CRI (Ra)	UGR	CCT ([xx] =)			
DD131 -					27	30	35	40
Lumen Output (Fixture)								
1015 C W 90 [xx] - DM1 - O	10.2W	15°	Ra > 90	UGR < 10	597	622	620	762
1030 C W 90 [xx] - DM1 - O		28°		UGR < 10	685	714	711	771
1040 C W 90 [xx] - DM1 - O		38°		UGR < 10	682	710	707	767
1050 C W 90 [xx] - DM1 - O		50°		UGR < 19	660	687	684	742



Ordering Code Example

DD131 – 1005

M

W

90

27

–

DM1

–

O

10.7W (7°)

Cone Colour

M : Mirror
C : Black Chrome
W : White
B : Black

Trim Colour

W : White
B : Black

CRI

Ra > 90

CCT

27 : 2700K
30 : 3000K

Dimmable

1-10V
Dimming

Option

Equivalent with IP44 from the bottom

DD131 – 1015

M

W

90

27

–

DM1

–

O

Cone Colour

M : Mirror
C : Black Chrome
W : White
B : Black

Trim Colour

W : White
B : Black

CRI

Ra > 90

CCT

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

Dimmable

1-10V
Dimming

Option

Equivalent with IP44 from the bottom

Colour

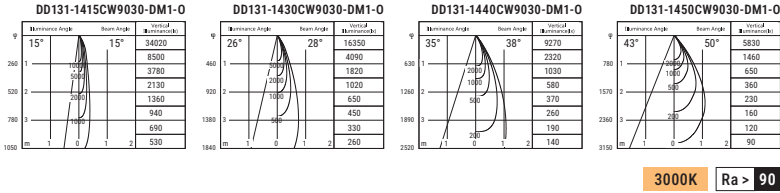
Mirror (MW)

Black Chrome (CW)

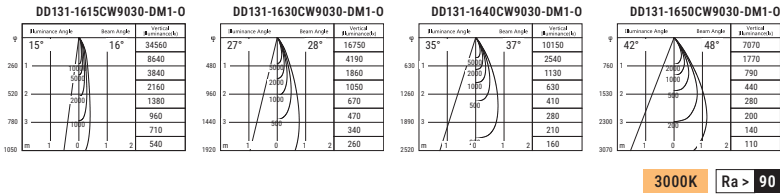
Black (BW)

White (WW)

Ordering Code	Wattage	Beam Angle	CRI (Ra)	UGR	CCT ([XX] =)			
DD131 -					27	30	35	40
					Lumen Output (Fixture)			
1415 C W 90 [XX] - DM1 - O	14.0W	15°	Ra > 90	UGR < 10	799	832	829	899
1430 C W 90 [XX] - DM1 - O		28°		UGR < 10	918	956	952	1032
1440 C W 90 [XX] - DM1 - O		38°		UGR < 10	913	951	947	1027
1450 C W 90 [XX] - DM1 - O		50°		UGR < 19	882	919	915	993



Ordering Code	Wattage	Beam Angle	CRI (Ra)	UGR	CCT ([XX] =)			
DD131 -					27	30	35	40
Lumen Output (Fixture)								
1615 C W 90 [XX] - DM1 - O	16.0W	16°	Ra > 90	UGR < 10	841	876	872	946
1630 C W 90 [XX] - DM1 - O		28°		UGR < 10	979	1020	1016	1102
1640 C W 90 [XX] - DM1 - O		37°		UGR < 10	983	1024	1020	1106
1650 C W 90 [XX] - DM1 - O		48°		UGR < 19	970	1010	1006	1091



CAMOS

IP44

Ø75 Fixed Downlight

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

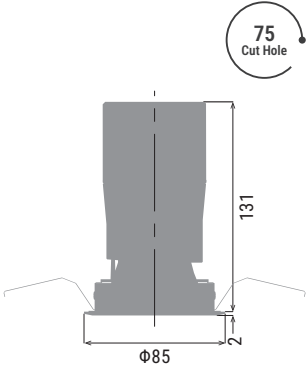
Fixed

Ra > 90

CE

CCC

This is a fixed downlight that offers abundant luminous output and expansive coverage unique to its Ø75 size. It integrates neatly into the ceiling, delivering uniform, calming illumination. With its larger fixture size, it ensures stable brightness even in high-ceiling or wide spaces, making it suitable for a broad range of applications from residences to public facilities and retail shops. Its simple, user-friendly design makes it a standard lighting solution that enhances the overall quality of any space.



Specifications	
Body	Die-cast aluminum alloy, anti-glare type
Frame	Fine white (Black) paint
Total Weight	0.6kg
Use of ceiling plate thickness of 5-25mm	
With power supply unit (AC 220-240V)	
DM1	Can use with 1-10V dimming
0	Equivalent with IP44 from the bottom

Height (Weight)	
10.7W (7°)	131 (0.6kg)
10.2W	126 (0.6kg)
14.0W	126 (0.6kg)
16.0W	126 (0.6kg)

Options & Accessories

Honeycomb Louver
DY068-HN

Diffusion Lens
DY068-DL

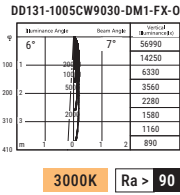
Spread Lens
DY068-SL

Frosted Lens
DY068-XL

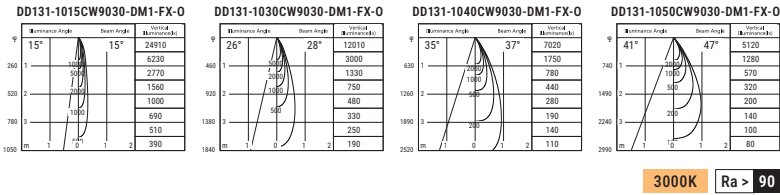
Blur Lens
DY068-BL

* 2 accessories are available for 10.2W (DD131-10XX)
* 1 accessory is available for 10.7W/14.0W (1 Lens)
* Accessory is not available for 16.0W

Ordering Code	Wattage	Beam Angle	CRI (Ra)	UGR	CCT ([XX] =)	
						2730
						Lumen Output (Fixture)
1005 C W 90 [XX] - DM1 - FX - 0	10.7W	7°	Ra > 90	UGR < 10	447	486



Ordering Code	Wattage	Beam Angle	CRI (Ra)	UGR	CCT ([XX] =)			
						27303540		
						Lumen Output (Fixture)		
1015 C W 90 [XX] - DM1 - FX - 0	10.2W	15°	Ra > 90	UGR < 10	589	614	612	663
1030 C W 90 [XX] - DM1 - FX - 0		28°		UGR < 10	671	699	696	755
1040 C W 90 [XX] - DM1 - FX - 0		37°		UGR < 10	676	704	701	760
1050 C W 90 [XX] - DM1 - FX - 0		47°		UGR < 19	688	717	714	774



Ordering Code Example

DD131 – 1005

M

W

90

27

–

DM1

–

FX

–

0

10.7W (7°)

Cone Colour

M : Mirror
C : Black Chrome
W : White
B : Black

Trim Colour

W : White
B : Black

CRI

Ra > 90

CCT

27 : 2700K
30 : 3000K

Dimmable

1-10V
Dimming

Option

Equivalent with IP44 from the bottom

DD131 – 1015

M

W

90

27

–

DM1

–

FX

–

0

Cone Colour

M : Mirror
C : Black Chrome
W : White
B : Black

Trim Colour

W : White
B : Black

CRI

Ra > 90

CCT

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

Dimmable

1-10V
Dimming

Option

Equivalent with IP44 from the bottom

Colour

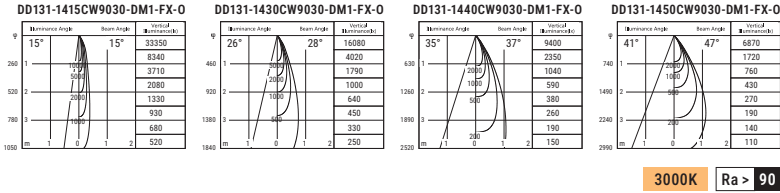
Mirror (MW)

Black Chrome (CW)

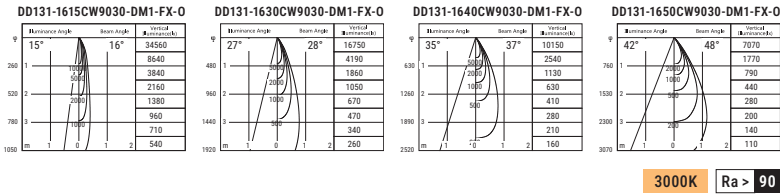
Black (BW)

White (WW)

Ordering Code	Wattage	Beam Angle	CRI (Ra)	UGR	CCT ([XX] =)			
						27303540		
						Lumen Output (Fixture)		
1415 C W 90 [XX] - DM1 - FX - 0	14.0W	15°	Ra > 90	UGR < 10	789	822	819	888
1430 C W 90 [XX] - DM1 - FX - 0		28°		UGR < 10	899	936	932	1011
1440 C W 90 [XX] - DM1 - FX - 0		37°		UGR < 10	905	943	939	1018
1450 C W 90 [XX] - DM1 - FX - 0		47°		UGR < 19	923	961	957	1038



Ordering Code	Wattage	Beam Angle	CRI (Ra)	UGR	CCT ([XX] =)			
						27303540		
						Lumen Output (Fixture)		
1615 C W 90 [XX] - DM1 - FX - 0	16.0W	16°	Ra > 90	UGR < 10	841	876	872	946
1630 C W 90 [XX] - DM1 - FX - 0		28°		UGR < 10	979	1020	1016	1102
1640 C W 90 [XX] - DM1 - FX - 0		37°		UGR < 10	983	1024	1020	1106
1650 C W 90 [XX] - DM1 - FX - 0		48°		UGR < 19	970	1010	1006	1091



* For driver size and precise IES file, please contact our sales person.

* For product improvement, the specifications, appearance, are subject to change without prior notice.

CAMOS

Trimless Ø75 Adjustable Downlight

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

Adjustable

Ra > 90

CE

CCC

DD131 – 1015

M

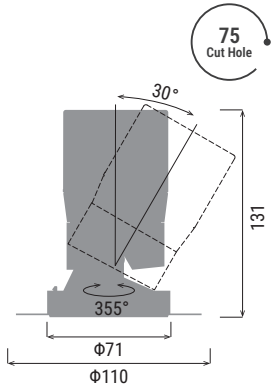
W

 90

27

 – DM1 – TL

*10.7W (7°) CCT: 27 & 30 only	Cone Colour	Trim Colour	CRI	CCT	Dimmable
M : Mirror C : Black Chrome W : White B : Black	W : White B : Black	Ra > 90	27 : 2700K 30 : 3000K 35 : 3500K 40 : 4000K	1-10V Dimming	



Specifications	
Body	Die-cast aluminum alloy, anti-glare type
Frame	Fine white (Black) paint
Total Weight	0.6kg
With power supply unit (AC 220-240V)	
DM1	Can use with 1-10V dimming
0	Equivalent with IP44 from the bottom

Height (Weight)	
10.7W (7°)	131 (0.6kg)
10.2W	126 (0.6kg)
14.0W	126 (0.6kg)
18.3W	126 (0.6kg)

Options & Accessories

Honeycomb Louver
DY068-HN

Diffusion Lens
DY068-DL

Spread Lens
DY068-SL

Frosted Lens
DY068-XL

Blur Lens
DY068-BL

* 2 accessories are available for 10.2W, 14.0W (1 HN+1 Lens)
* Accessory is not available for 18.3W

CAMOS

Trimless Ø75 Fixed Downlight

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

Fixed

Ra > 90

CE

CCC

DD131 – 1015

M

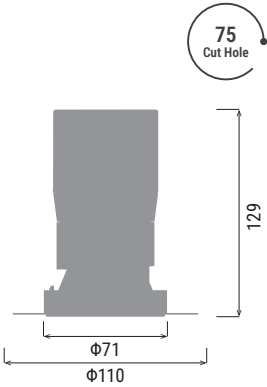
W

 90

27

 – DM1 – FX – TL

*10.7W (7°) CCT: 27 & 30 only	Cone Colour	Trim Colour	CRI	CCT	Dimmable
M : Mirror C : Black Chrome W : White B : Black	W : White B : Black	Ra > 90	27 : 2700K 30 : 3000K 35 : 3500K 40 : 4000K	1-10V Dimming	



Specifications	
Body	Die-cast aluminum alloy, anti-glare type
Frame	Fine white (Black) paint
Total Weight	0.6kg
With power supply unit (AC 220-240V)	
DM1	Can use with 1-10V dimming
0	Equivalent with IP44 from the bottom

Height (Weight)	
10.7W (7°)	129 (0.6kg)
10.2W	122 (0.6kg)
14.0W	122 (0.6kg)
18.3W	122 (0.6kg)

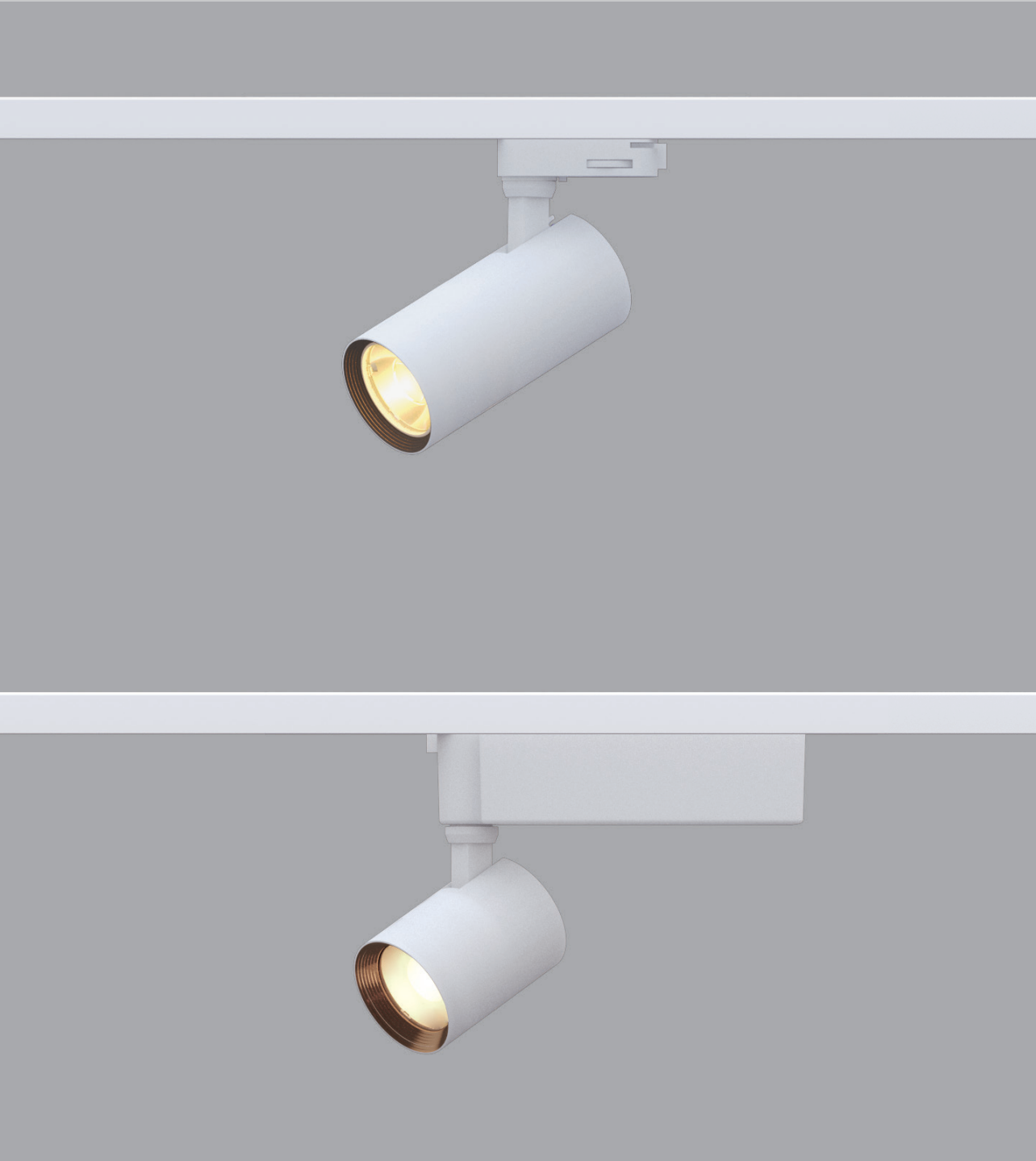
Colour

Mirror (MW)

Black Chrome (CW)

Black (BW)

White (WW)



AMMA

Minimal Design Series

AMMA

	SD379	P.044
Φ70 Lens Type Track Light		
	SD379-IK	P.046
Φ70 Lens Type Track Light : In Track		
	SD379-IN	P.048
Φ70 Lens Type Track Light : Build in Driver		
	SD379	P.050
Φ60 Lens Type Track Light		
	SD379S Short	P.051
Φ60 Lens Type Track Light		
	SD379-IK	P.052
Φ60 Lens Type Track Light : In Track		
	SD379S-IK Short	P.053
Φ60 Lens Type Track Light : In Track		
	SD379-IN	P.054
Φ60 Lens Type Track Light : Build in Driver		
	SD379	P.056
Φ45 Lens Type Track Light		
	SD379-IK	P.057
Φ45 Lens Type Track Light : In Track		

	DD155	P.058
Φ100 Lens Type Adjustable Downlight : Antiglare		
	DD155-FX	P.060
Φ100 Lens Type Fixed Downlight : Antiglare		
	DD155	P.062
Φ100 Lens Type Adjustable Downlight		
	DD161	P.064
Φ80 Lens Type Adjustable Downlight : Antiglare		
	DD161-FX	P.066
Φ80 Lens Type Fixed Downlight : Antiglare		
	DD161-TL	P.068
Trimless Φ80 Lens Type Adjustable Downlight : Antiglare		
	DD161-FX-TL	P.069
Trimless Φ80 Lens Type Fixed Downlight : Antiglare		
	DD161	P.070
Φ80 Lens Type Adjustable Downlight		

AMMA-R

	SD379-R	P.072
Φ80 Reflector Type Track Light		
	SD379-R	P.074
Φ70 Reflector Type Track Light		
	SD379-IK-R	P.076
Φ70 Reflector Type Track Light : In Track		
	SD379-IN-R	P.077
Φ70 Reflector Type Track Light : Build in Driver		

	SD379-R	P.078
Φ60 Reflector Type Track Light		
	SD379-IK-R	P.080
Φ60 Reflector Type Track Light : In Track		
	SD379-IN-R	P.081
Φ60 Reflector Type Track Light : Build in Driver		

High Efficiency × Extensive Variations

5 Beam Distributions to Maximize Space Appeal (Φ80mm : 4 distributions / Φ70mm : 5 distributions)

AMMA delivers brightness and energy savings through high-efficiency design and a broad lineup. With spotlights and downlights, it flexibly supports specification selection to suit site conditions and visual comfort requirements. Based on four core beam distributions, selecting the optimal fixture for each application supports high-quality spaces.

High Efficiency at 120 lm/W

With high efficacy at 120 lm/W, the series balances reliable brightness with excellent energy savings. This broadens flexibility in fixture quantity and placement, enabling flexible lighting plans tailored to the space's conditions.



Track Light



CCT

- 2700K
- 3000K
- 3500K
- 4000K

CRI (Ra)

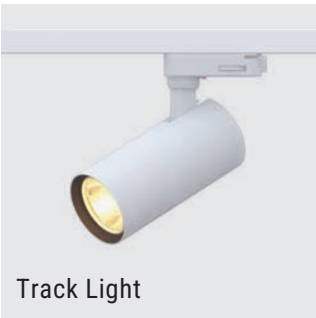
Ra > 90

Size (mm)	Φ80mm			Φ70mm				
W (W)	32	36	41	14	21	24	28	32
Lm (Average)	3531	3926	4513	1642	2432	2851	3063	3639
Lm/W (Average)	110.3	109.1	110.1	117.3	115.8	118.8	109.4	113.7
Type	Mirror			Mirror / Lens				
Driver	Cylinder			Cylinder	In-Track		Build-in	
Body	Long			Long				
Beam Angle	18°24°37°50°			16°23°30°38°55°				
Colour	WhiteBlack			WhiteBlack				

Size (mm)		Φ60mm			Φ45mm		
W (W)	10.5	14	21		6	7.5	10.5
Lm (Average)	1136	1561	2263		607	719	982
Lm/W (Average)	108.2	111.5	107.7		101.2	95.9	93.5
Type	Mirror / Lens				Lens		
Driver	Cylinder	In-Track	Build-in		Cylinder	In-Track	
Body	Long / Short				Short		
Beam Angle							
	16° 21° 25° 36° 52°				20° 26° 31° 40° 53°		
Colour							
	White Black				White Black		

A Wide Range of Outputs and Beam Angles for Site Conditions

Centered on spotlights and universal downlights, this lineup offers versatile configurations to flexibly respond to site conditions. It enables precise selection tailored to priorities such as visual impact, functionality, and installation. With extensive variations in each category, it is easy to find the optimal combination for every space.



Track Light



Downlight

Anti-Glare Types for Visual Comfort

Anti-glare options minimize glare to create a comfortable visual environment, making them ideal for long-stay spaces or installations where fixtures are easily visible. AMMA offers high-output (Φ100: 110 lm/W) and size-priority (Φ80: 90 lm/W) options, enabling precise lighting tailored to the space's purpose.



Φ100 : 110 lm/W



Φ80 : 90 lm/W

Downlight



CCT

- 2700K
- 3000K
- 3500K
- 4000K

CRI (Ra)

Ra > 90

Cut Hole (mm)	Φ100mm						Φ80mm					
W (W)	7.5	10.5	14	21	24	28	5	7.5	10.5	14	21	24
Lm (Average)	835	1145	1625	2397	2749	3471	536	795	1119	1537	2224	2617
Lm/W (Average)	111.4	109.0	116.1	114.1	114.5	124.0	107.1	106.1	106.6	109.8	105.9	109.1
Type	Adjustable						Adjustable					
Beam Angle	16°25°29°42°55°						16°21°25°37°52°					
Colour (Body)	WhiteBlack						WhiteBlack					

Anti-Glare												
Cut Hole (mm)	Φ100mm						Φ80mm					
	W (W)	7.5	10.5	14	21	24	28	5	7.5	10.5	14	21
Lm (Average)	796	1090	1552	2288	2596	3282	494	734	1033	1419	2042	2330
Lm/W (Average)	106.1	103.8	110.8	108.9	108.2	117.2	98.9	97.8	98.4	101.3	97.2	97.1
Type	Adjustable / Fixed						Adjustable / Fixed					
Beam Angle	16° 25° 29° 42° 52°						16° 21° 25° 36° 47°					
Colour (Cone)	MirrorDark MirrorBlackWhite						MirrorBlackWhite					
Trimless Type	—						Adjustable / Fixed					

AMMA

Φ70 Lens Type Track Light

2700K

3000K

3500K

4000K

Narrow

Medium

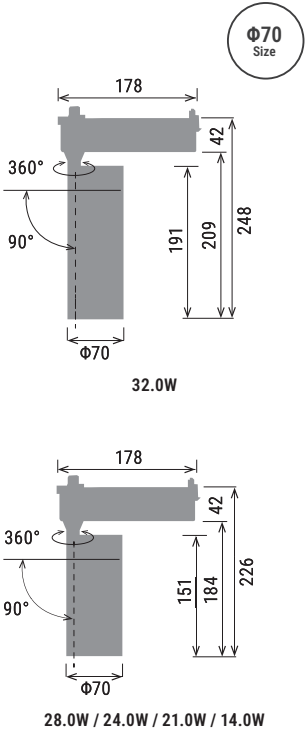
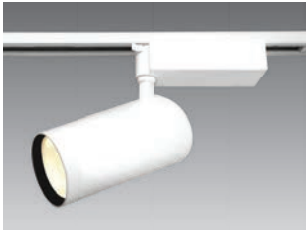
Flood

Wide Flood

Ra > 90

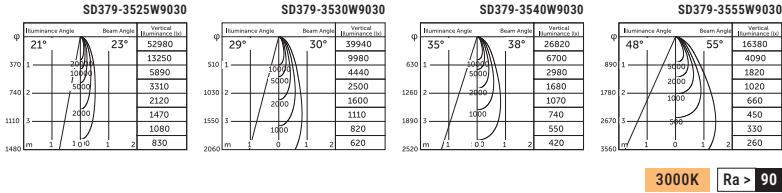
CECCC

Lens type, luminaire’s lumen efficacy has been improved from the previous version. Soft light distribution with different angles. Track Light unit uses a driver box with internal driver combined with UL/3 phase track for flexible installation. UL/3 phase type track is specially developed so that it can be installed to other brand’s track system.



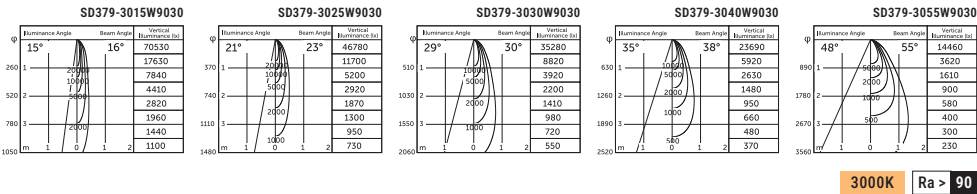
Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.9kg
Movable Type	(Vertical: up to 90°, Horizontal: 360°) Use with track
With power supply unit (AC 220-240V)	
Cannot use with dimmer	

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
3525 W 90 [xx]	32.0W	23°	Ra > 90	3527	3599	3563	3606
3530 W 90 [xx]		30°		3628	3702	3665	3709
3540 W 90 [xx]		38°		3553	3625	3589	3632
3555 W 90 [xx]		55°		3558	3631	3595	3638



3000K Ra > 90

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
3015 W 90 [xx]	28.0W	16°	Ra > 90	2407	2456	2505	2554
3025 W 90 [xx]		23°		3114	3178	3146	3184
3030 W 90 [xx]		30°		3205	3270	3237	3277
3040 W 90 [xx]		38°		3138	3202	3170	3208
3055 W 90 [xx]		55°		3143	3207	3175	3213



3000K Ra > 90

Ordering Code Example

SD379 – 3525
(UL Track)

W

90

30

Body Colour

W : White
B : Black

CRI

Ra > 90

CCT

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

SD079 – 3525
(Japanese Track)

Colour

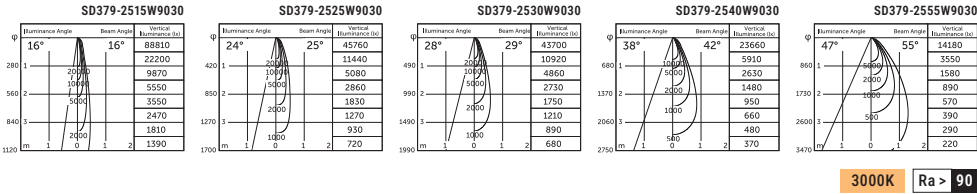


Black



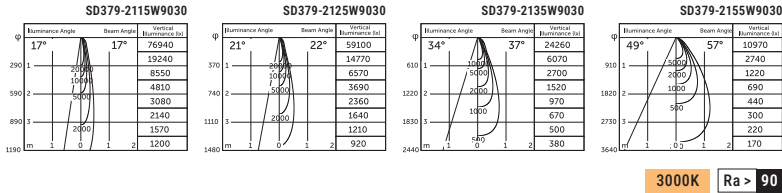
White

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
2515 W 90 [xx]	24.0W	16°	Ra > 90	2100	2143	2186	2229
2525 W 90 [xx]		25°		2872	2931	2902	2943
2530 W 90 [xx]		29°		2991	3052	3021	3064
2540 W 90 [xx]		42°		3009	3070	3039	3082
2555 W 90 [xx]		55°		3000	3061	3030	3073



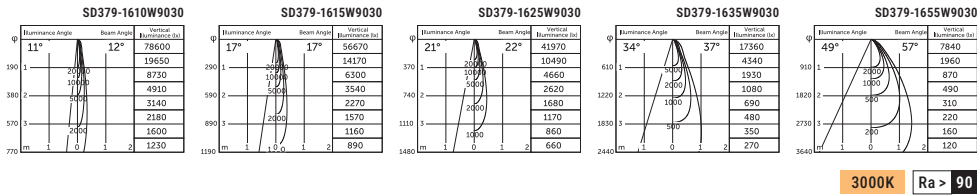
3000K Ra > 90

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
2115 W 90 [xx]	21.0W	17°	Ra > 90	2317	2364	2340	2373
2125 W 90 [xx]		22°		2411	2460	2435	2470
2135 W 90 [xx]		37°		2398	2447	2423	2457
2155 W 90 [xx]		57°		2408	2457	2432	2467



3000K Ra > 90

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
1610 W 90 [xx]	14.0W	12°	Ra > 90	1235	1260	1285	1310
1615 W 90 [xx]		17°		1656	1690	1673	1697
1625 W 90 [xx]		22°		1720	1755	1737	1762
1635 W 90 [xx]		37°		1711	1746	1729	1753
1655 W 90 [xx]		57°		1723	1758	1740	1765



3000K Ra > 90

AMMA

Φ70 Lens Type Track Light : In Track

2700K

3000K

3500K

4000K

Narrow

Medium

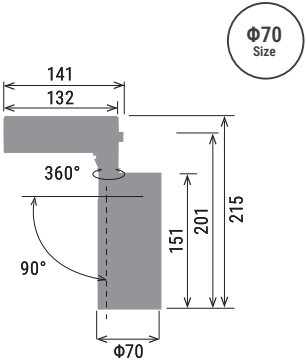
Flood

Wide Flood

Ra > 90

CECCC

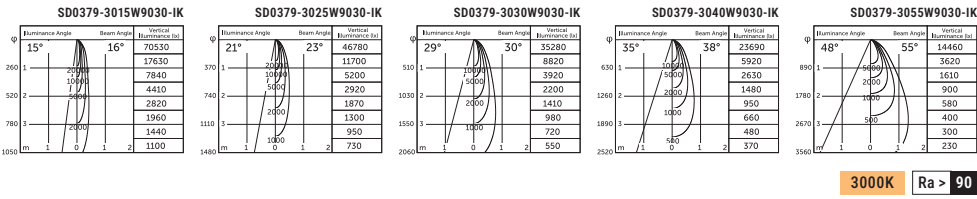
Lens type, luminaire's lumen efficacy has been improved from the previous version. Soft light distribution with different beam angles. Using a UL type track, with a compact size driver box.



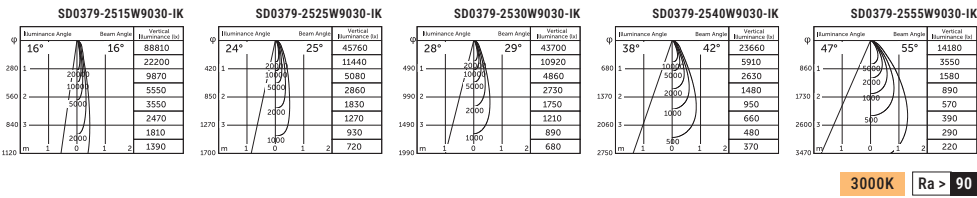
28.0W / 24.0W / 21.0W / 14.0W

Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.9kg
Movable Type (Vertical: up to 90°, Horizontal: 360°) Use with track	
With power supply unit (AC 220-240V)	
Cannot use with dimmer	

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
3015 W 90 [xx] - IK	28.0W	16°	Ra > 90	2407	2456	2505	2554
3025 W 90 [xx] - IK		23°		3114	3178	3146	3184
3030 W 90 [xx] - IK		30°		3205	3270	3237	3277
3040 W 90 [xx] - IK		38°		3138	3202	3170	3208
3055 W 90 [xx] - IK		55°		3143	3207	3175	3213



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
2515 W 90 [xx] - IK	24.0W	16°	Ra > 90	2100	2143	2186	2229
2525 W 90 [xx] - IK		25°		2872	2931	2902	2943
2530 W 90 [xx] - IK		29°		2991	3052	3021	3064
2540 W 90 [xx] - IK		42°		3009	3070	3039	3082
2555 W 90 [xx] - IK		55°		3000	3061	3030	3073



Ordering Code Example

SD379 – 3015
(UL Track)

W

Body Colour

W : White
B : Black

90

CRI

Ra > 90

30

CCT

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

–

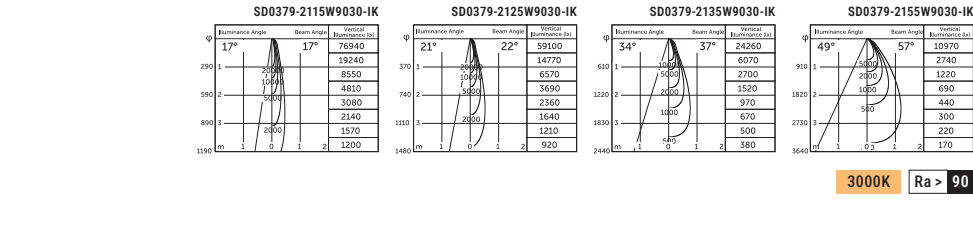
Type

In track driver

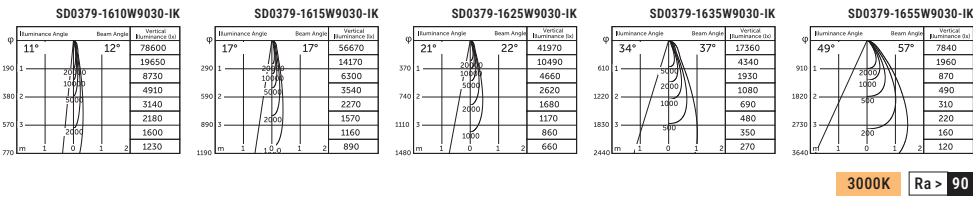
IK



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
2115 W 90 [xx] - IK	21.0W	17°	Ra > 90	2317	2364	2340	2373
2125 W 90 [xx] - IK		22°		2411	2460	2435	2470
2135 W 90 [xx] - IK		37°		2398	2447	2423	2457
2155 W 90 [xx] - IK		57°		2408	2457	2432	2467



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
1610 90 [xx] - IK	14.0W	12°	Ra > 90	1235	1260	1285	1310
1615 90 [xx] - IK		17°		1656	1690	1673	1697
1625 90 [xx] - IK		22°		1720	1755	1737	1762
1635 90 [xx] - IK		37°		1711	1746	1729	1753
1655 90 [xx] - IK		57°		1723	1758	1740	1765



* For driver size and precise IES file, please contact our sales person.

* For product improvement, the specifications, appearance, are subject to change without prior notice.

AMMA

Φ70 Lens Type Track Light : Build in Driver

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

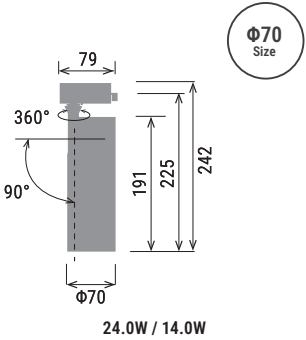
Wide Flood

Ra > 90

CECCC

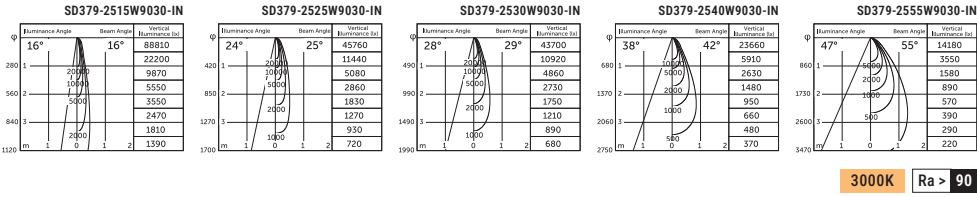
Lens type, luminaire's lumen efficacy has been improved from the previous version. Soft light distribution with different beam angles. Cylinder type Track Light unit uses internal driver inside luminaire body combined with UL/3 phase track for flexible installation. UL/3 phase type track is specially developed so that it can be installed to other brand's track system*.

*Compatibility Check is required before installing with other brand's track system.

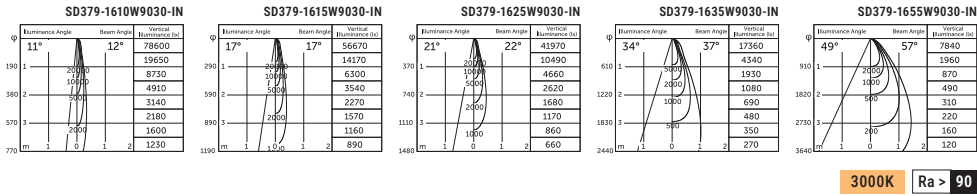


Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.8kg
Movable Type (Vertical: up to 90°, Horizontal: 360°) Use with track	
With power supply unit (AC 220-240V)	
Cannot use with dimmer	

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
2515 W 90 [xx] - IN	24.0W	16°	Ra > 90	2100	2143	2186	2229
2525 W 90 [xx] - IN		25°		2872	2931	2902	2943
2530 W 90 [xx] - IN		29°		2991	3052	3021	3064
2540 W 90 [xx] - IN		42°		3009	3070	3039	3082
2555 W 90 [xx] - IN		55°		3000	3061	3030	3073



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
1610 W 90 [xx] - IN	14.0W	12°	Ra > 90	1235	1260	1285	1310
1615 W 90 [xx] - IN		17°		1656	1690	1673	1697
1625 W 90 [xx] - IN		22°		1720	1755	1737	1762
1635 W 90 [xx] - IN		37°		1711	1746	1729	1753
1655 W 90 [xx] - IN		57°		1723	1758	1740	1765



Ordering Code Example

SD379 – 2515
(UL Track)

SD079 – 2515
(Japanese Track)

W

Body Colour

W : White

B : Black

90

CRI

Ra > 90

30

CCT

27 : 2700K

30 : 3000K

35 : 3500K

40 : 4000K

–

Type

Build in driver

Colour

Black

White



* For driver size and precise IES file, please contact our sales person.

* For product improvement, the specifications, appearance, are subject to change without prior notice.

AMMA

Φ60 Lens Type Track Light

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

Ra > 90

CE

CCC

SD379 – 2020
(UL Track)

SD079 – 2020
(Japanese Track)

W

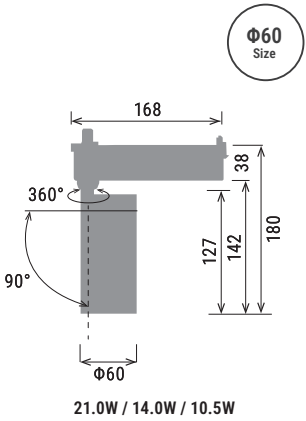
Body Colour
W : White
B : Black

90

CRI
Ra > 90

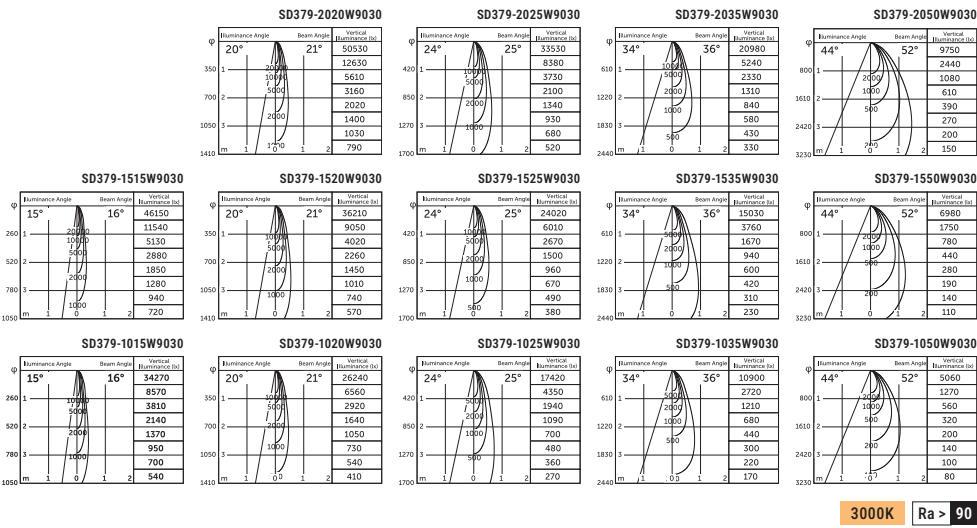
30

CCT
27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K



Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.4kg
Movable Type (Vertical: up to 90°, Horizontal: 360°) Use with track	
With power supply unit (AC 220-240V)	
Cannot use with dimmer	

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT (xx =) 27 30 35 40 Lumen Output (Fixture)			
2020 W 90 xx	21.0W	21°	Ra > 90	2330	2378	2354	2402
2025 W 90 xx		25°		2194	2239	2217	2261
2035 W 90 xx		36°		2268	2314	2291	2337
2050 W 90 xx		52°		2077	2119	2098	2140
1515 W 90 xx	14.0W	16°	Ra > 90	1295	1321	1347	1374
1520 W 90 xx		21°		1670	1704	1687	1721
1525 W 90 xx		25°		1572	1604	1588	1620
1535 W 90 xx		36°		1625	1658	1641	1675
1550 W 90 xx		52°		1488	1518	1503	1533
1015 W 90 xx	10.5W	16°	Ra > 90	961	981	1001	1020
1020 W 90 xx		21°		1210	1235	1223	1247
1025 W 90 xx		25°		1140	1163	1151	1175
1035 W 90 xx		36°		1178	1202	1190	1214
1050 W 90 xx		52°		1079	1101	1090	1112



Options & Accessories

	Honeycomb Louver SY020-XX	Diffusion Lens SY021-XX	Spread Lens SY022-XX	Frosted Lens SY023-XX	Optical Hood SY024-XX
SD*79-20 (21.0W)	×	×	×	×	×
SD*79-15 (14.0W)	○	○	○	○	○
SD*79-10 (10.5W)	○	○	○	○	○

AMMA Short

Φ60 Lens Type Track Light

2700K

3000K

3500K

4000K

Narrow

Medium

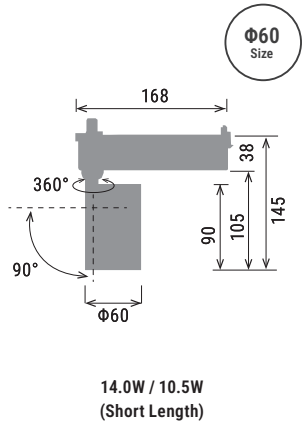
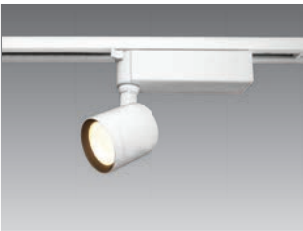
Flood

Wide Flood

Ra > 90

CE

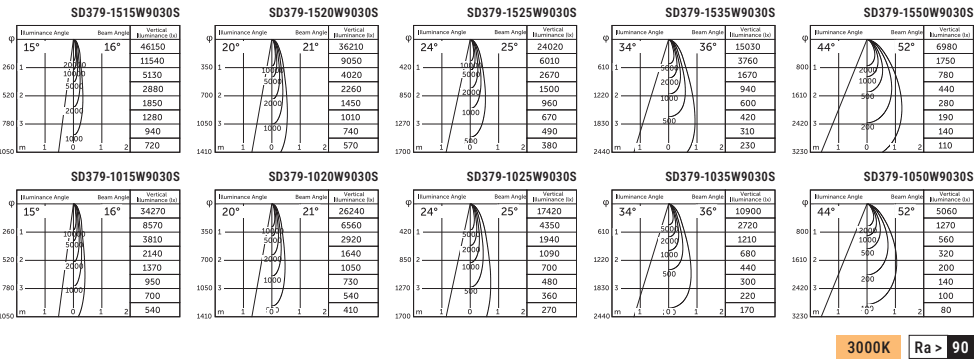
CCC



Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.4kg
Movable Type (Vertical: up to 90°, Horizontal: 360°) Use with track	
With power supply unit (AC 220-240V)	
Cannot use with dimmer	
S	Short Length

3000K Ra > 90

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT (xx =) 27 30 35 40 Lumen Output (Fixture)			
1515 W 90 xx S	14.0W	16°	Ra > 90	1295	1321	1347	1374
1520 W 90 xx S		21°		1670	1704	1687	1721
1525 W 90 xx S		25°		1572	1604	1588	1620
1535 W 90 xx S		36°		1625	1658	1641	1675
1550 W 90 xx S		52°		1488	1518	1503	1533
1015 W 90 xx S	10.5W	16°	Ra > 90	961	981	1001	1020
1020 W 90 xx S		21°		1210	1235	1223	1247
1025 W 90 xx S		25°		1140	1163	1151	1175
1035 W 90 xx S		36°		1178	1202	1190	1214
1050 W 90 xx S		52°		1079	1101	1090	1112



Options & Accessories		Honeycomb Louver SY020-XX	Diffusion Lens SY021-XX	Spread Lens SY022-XX	Frosted Lens SY023-XX	Optical Hood SY024-XX
SD*79-15*S (14.0W)		×	○	○	○	○
SD*79-10*S (10.5W)		○	○	○	○	○

AMMA

Φ60 Lens Type Track Light : In Track

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

Ra > 90

CE

CCC

SD379 – 2020
(UL Track)

W

Body Colour

W : White

B : Black

90

CRI

Ra > 90

30

CCT

27 : 2700K

30 : 3000K

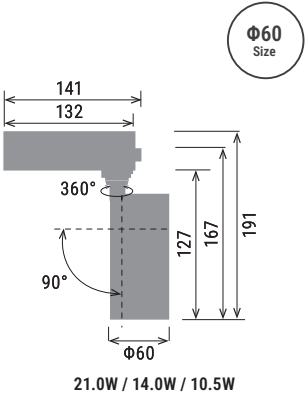
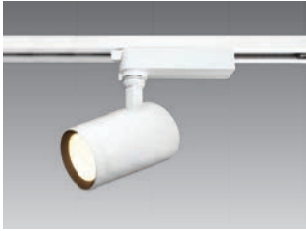
35 : 3500K

40 : 4000K

– IK

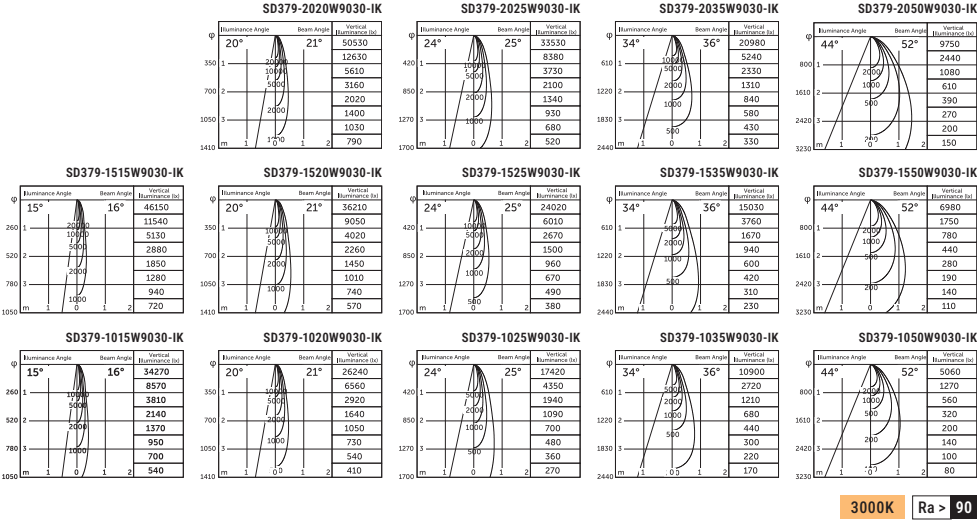
Function

In track driver

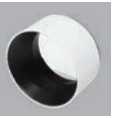


Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.4kg
Movable Type (Vertical: up to 90°, Horizontal: 360°) Use with track	
With power supply unit (AC 220-240V)	
Cannot use with dimmer	

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT (xx =)			
				27	30	35	40
Lumen Output (Fixture)							
2020 W 90 [xx] - IK	21.0W	21°	Ra > 90	2330	2378	2354	2402
2025 W 90 [xx] - IK		25°		2194	2239	2217	2261
2035 W 90 [xx] - IK		36°		2268	2314	2291	2337
2050 W 90 [xx] - IK		52°		2077	2119	2098	2140
1515 W 90 [xx] - IK	14.0W	16°	Ra > 90	1295	1321	1347	1374
1520 W 90 [xx] - IK		21°		1670	1704	1687	1721
1525 W 90 [xx] - IK		25°		1572	1604	1588	1620
1535 W 90 [xx] - IK		36°		1625	1658	1641	1675
1550 W 90 [xx] - IK		52°		1488	1518	1503	1533
1015 W 90 [xx] - IK	10.5W	16°	Ra > 90	961	981	1001	1020
1020 W 90 [xx] - IK		21°		1210	1235	1223	1247
1025 W 90 [xx] - IK		25°		1140	1163	1151	1175
1035 W 90 [xx] - IK		36°		1178	1202	1190	1214
1050 W 90 [xx] - IK		52°		1079	1101	1090	1112



Options & Accessories

					
	Honeycomb Louver SY020-XX	Diffusion Lens SY021-XX	Spread Lens SY022-XX	Frosted Lens SY023-XX	Optical Hood SY024-XX
SD*79-20 (21.0W)	×	×	×	×	×
SD*79-15-IN (14.0W)	○	○	○	○	○
SD*79-12-IN (12.0W)	○	○	○	○	○
SD*79-08-IN (7.5W)	○	○	○	○	○

AMMA

Short

Φ60 Lens Type Track Light : In Track

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

Ra > 90

CE

CCC

SD379 – 1515
(UL Track)

W

Body Colour

W : White

B : Black

90

CRI

Ra > 90

30

CCT

27 : 2700K

30 : 3000K

35 : 3500K

40 : 4000K

S – IK

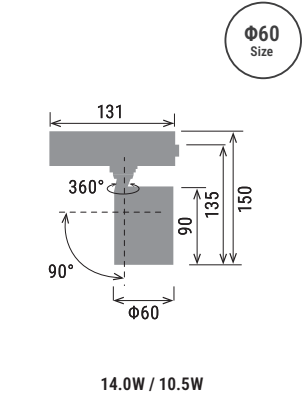
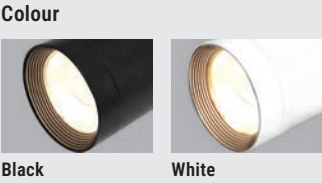
Length

S : Short

– IK

Function

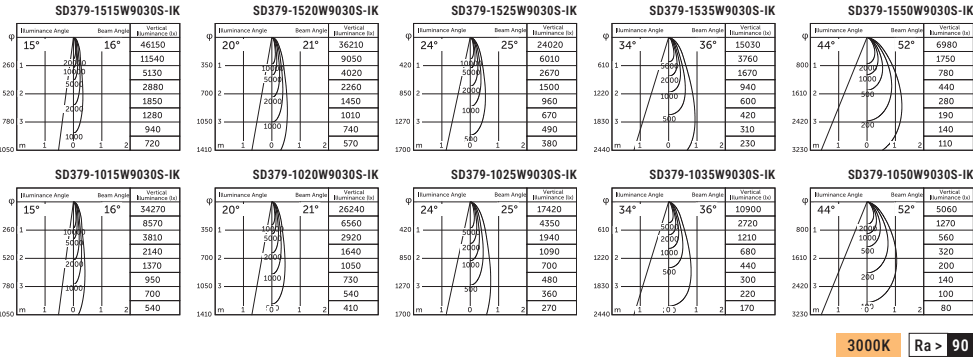
In track driver



14.0W / 10.5W
(Short Length)

Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.4kg
Movable Type (Vertical: up to 90°, Horizontal: 360°) Use with track	
With power supply unit (AC 220-240V)	
Cannot use with dimmer	
S	Short Length

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT (xx =)			
				27	30	35	40
Lumen Output (Fixture)							
1515 W 90 [xx] S - IK	14.0W	16°	Ra > 90	1295	1321	1347	1374
1520 W 90 [xx] S - IK		21°		1670	1704	1687	1721
1525 W 90 [xx] S - IK		25°		1572	1604	1588	1620
1535 W 90 [xx] S - IK		36°		1625	1658	1641	1675
1550 W 90 [xx] S - IK		52°		1488	1518	1503	1533
1015 W 90 [xx] S - IK	10.5W	16°	Ra > 90	961	981	1001	1020
1020 W 90 [xx] S - IK		21°		1210	1235	1223	1247
1025 W 90 [xx] S - IK		25°		1140	1163	1151	1175
1035 W 90 [xx] S - IK		36°		1178	1202	1190	1214
1050 W 90 [xx] S - IK		52°		1079	1101	1090	1112



Options & Accessories

					
	Honeycomb Louver SY020-XX	Diffusion Lens SY021-XX	Spread Lens SY022-XX	Frosted Lens SY023-XX	Optical Hood SY024-XX
SD*79-15*S (14.0W)	×	○	○	○	○
SD*79-10*S (10.5W)	○	○	○	○	○

* For driver size and precise IES file, please contact our sales person.

* For product improvement, the specifications, appearance, are subject to change without prior notice.

AMMA

Φ60 Lens Type Track Light : Build in Driver

2700K

3000K

3500K

4000K

Narrow

Medium

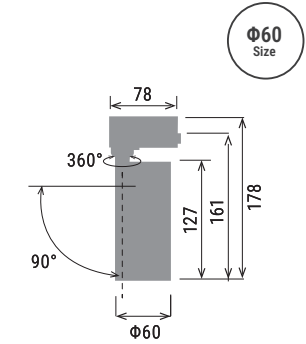
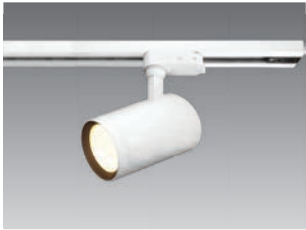
Flood

Wide Flood

Ra > 90

CECCC

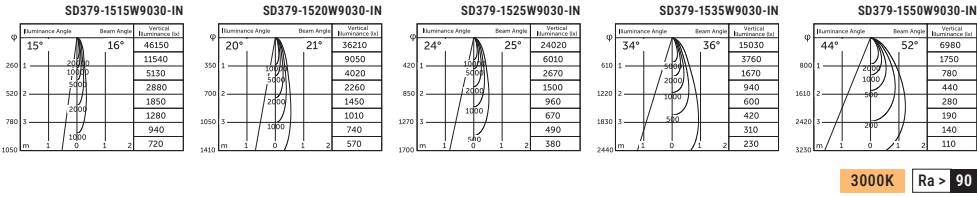
Lens type, luminaire's lumen efficacy has been improved from the previous version. Soft light distribution with different beam angles. Cylinder type Track Light unit uses internal driver inside luminaire body combined with UL/3 phase track for flexible installation. UL/3 phase type track is specially developed so that it can be installed to other brand's track system.



14.0W / 12.0W / 7.5W

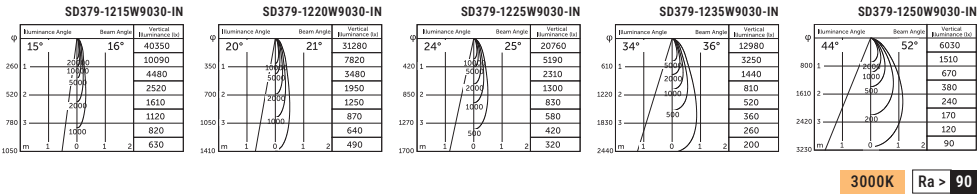
Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.5kg
Movable Type (Vertical: up to 90°, Horizontal: 360°) Use with track	
With power supply unit (AC 220-240V)	
Cannot use with dimmer	

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
1515 W 90 [xx] - IN	14.0W	16°	Ra > 90	1295	1321	1347	1374
1520 W 90 [xx] - IN		21°		1670	1704	1687	1721
1525 W 90 [xx] - IN		25°		1572	1604	1588	1620
1535 W 90 [xx] - IN		36°		1625	1658	1641	1675
1550 W 90 [xx] - IN		52°		1488	1518	1503	1533



3000K Ra > 90

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
1215 W 90 [xx] - IN	12.0W	16°	Ra > 90	1132	1155	1178	1201
1220 W 90 [xx] - IN		21°		1443	1472	1457	1487
1225 W 90 [xx] - IN		25°		1358	1386	1372	1400
1235 W 90 [xx] - IN		36°		1403	1432	1418	1446
1250 W 90 [xx] - IN		52°		1285	1311	1298	1324



3000K Ra > 90

Ordering Code Example

SD379 – 1515
(UL Track)

W

90

30

– IN

Body Colour

W : White
B : Black

CRI

Ra > 90

CCT

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

Function

Build in
driver

SD079 – 1515
(Japanese Track)

Colour

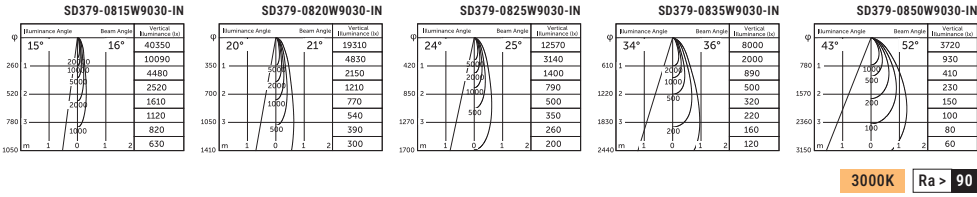


Black



White

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
0815 W 90 [xx] - IN	7.5W	16°	Ra > 90	711	726	740	755
0820 W 90 [xx] - IN		21°		881	899	890	908
0825 W 90 [xx] - IN		25°		827	844	836	852
0835 W 90 [xx] - IN		36°		858	875	866	884
0850 W 90 [xx] - IN		52°		786	802	794	810



3000K Ra > 90

Options & Accessories



Honeycomb Louver
SY020-XX



Diffusion Lens
SY021-XX



Spread Lens
SY022-XX



Frosted Lens
SY023-XX

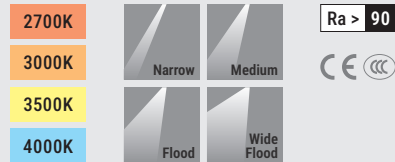


Optical Hood
SY024-XX

SD*79-20 (21.0W)	×	×	×	×	×
SD*79-15-IN (14.0W)	○	○	○	○	○
SD*79-12-IN (12.0W)	○	○	○	○	○
SD*79-08-IN (7.5W)	○	○	○	○	○

AMMA

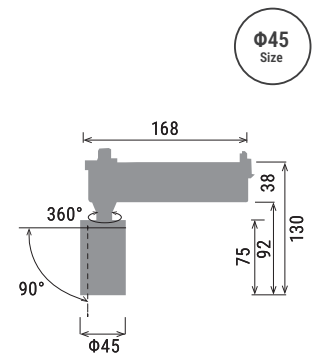
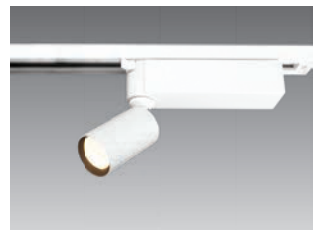
Φ45 Lens Type Track Light



SD379 – 0920
(UL Track)

SD079 – 0920
(Japanese Track)

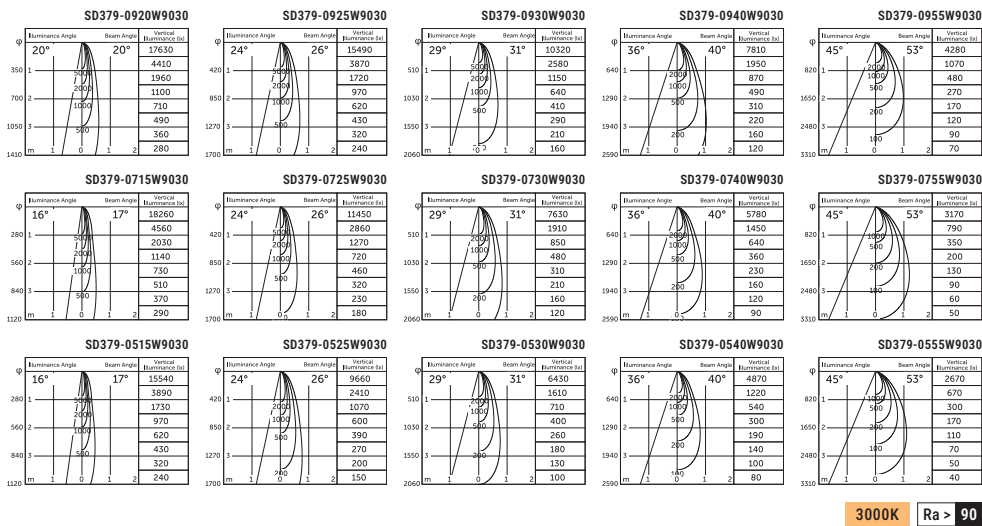
W	90	30
Body Colour	CRI	CCT
W : White B : Black	Ra > 90	27 : 2700K 30 : 3000K 35 : 3500K 40 : 4000K



10.5W / 7.5W / 6.0W

Specifications

Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.2kg
Movable Type (Vertical: up to 90°, Horizontal: 360°) Use with track	
With power supply unit (AC 220-240V)	
Cannot use with dimmer	



3000K Ra > 90

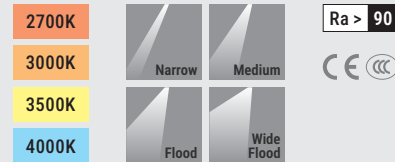
Options & Accessories



SD*79-09 (10.5W)	×	×	×	×	○
SD*79-07 (7.5W)	○	○	○	○	○
SD*79-05 (6.0W)	○	○	○	○	○

AMMA

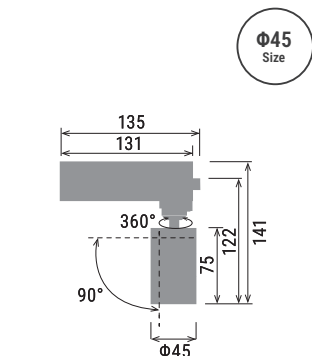
Φ45 Lens type Track Light : In Track



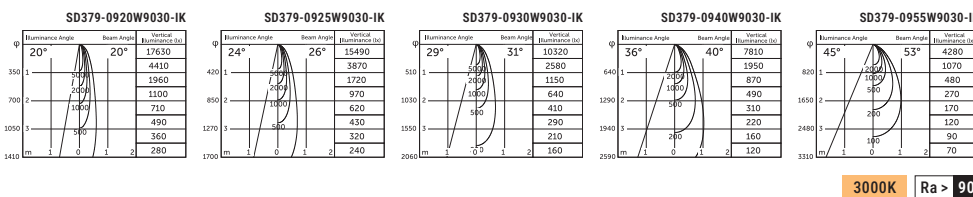
SD379 – 0920
(UL Track)

SD079 – 0920
(Japanese Track)

W	90	30	– IK
Body Colour	CRI	CCT	Type
W : White B : Black	Ra > 90	27 : 2700K 30 : 3000K 35 : 3500K 40 : 4000K	In track driver



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT (xx =)			
				27	30	35	40
Lumen Output (Fixture)							
0920 W 90 [xx] - IK	10.5W	20°	Ra > 90	841	858	875	892
0925 W 90 [xx] - IK		26°		1038	1059	1048	1063
0930 W 90 [xx] - IK		31°		982	1002	992	1006
0940 W 90 [xx] - IK		40°		1013	1034	1024	1038
0955 W 90 [xx] - IK		53°		939	958	948	962



3000K Ra > 90

Specifications

Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.4kg
Movable Type (Vertical: up to 90°, Horizontal: 360°) Use with track	
With power supply unit (AC 220-240V)	
Cannot use with dimmer	

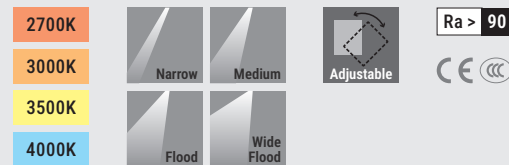
Options & Accessories



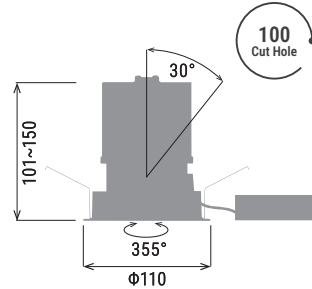
SD*79-09 (10.5W)	×	×	×	×	○
SD*79-07 (7.5W)	○	○	○	○	○
SD*79-05 (6.0W)	○	○	○	○	○

AMMA

Φ100 Lens Type Adjustable Downlight : Antiglare



Lens type, luminaire's lumen efficacy has been improved from the previous version. Soft light distribution with different beam angles. Light emitting surface is offset to be hidden to reduce glare. Different finishes of cone are available.

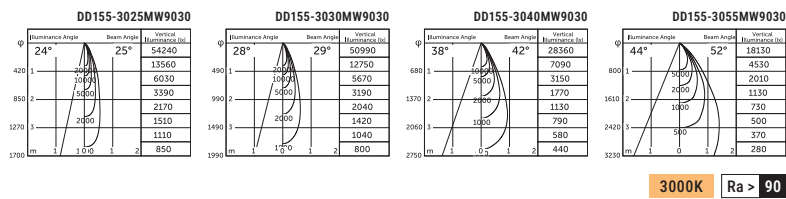


Specifications	
Body	Die-cast aluminum alloy, anti-glare type
Frame	Fine white (Black) paint
Total Weight	0.8kg
Movable Type	(Up to 30°)
Use of ceiling plate thickness of 5-25mm	

Remark	For driver size, please contact our sales person
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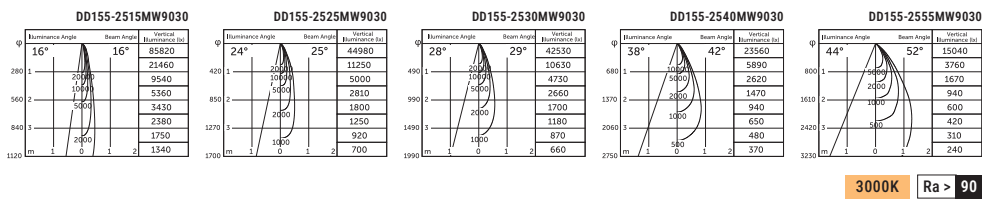
Height (Weight)	
28W	150 (0.7kg)
24W	150 (0.7kg)
21W	113 (0.5kg)
14W	113 (0.5kg)
10.5W	101 (0.5kg)
7.5W	101 (0.5kg)

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
3025 M W 90 [xx]	28.0W	25°	Ra > 90	3030	3092	3061	3104
3030 M W 90 [xx]		29°		3264	3331	3298	3344
3040 M W 90 [xx]		42°		3251	3317	3284	3330
3055 M W 90 [xx]		52°		3240	3306	3273	3320



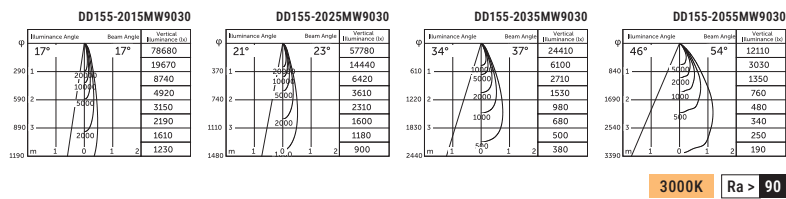
3000K Ra > 90

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
2515 M W 90 [xx]	24.0W	16°	Ra > 90	2011	2052	2093	2134
2525 M W 90 [xx]		25°		2518	2569	2543	2579
2530 M W 90 [xx]		29°		2717	2772	2744	2783
2540 M W 90 [xx]		42°		2702	2757	2729	2768
2555 M W 90 [xx]		52°		2692	2747	2720	2758



3000K Ra > 90

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
2015 M W 90 [xx]	21.0W	17°	Ra > 90	2141	2185	2163	2194
2025 M W 90 [xx]		23°		2293	2340	2317	2349
2035 M W 90 [xx]		37°		2261	2307	2284	2316
2055 M W 90 [xx]		54°		2228	2273	2250	2282



3000K Ra > 90

Ordering Code Example

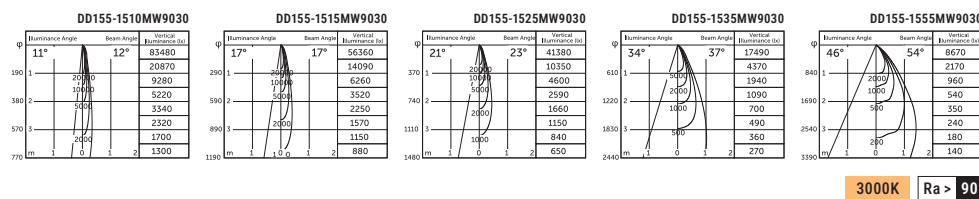
DD155 – 3025

M	W	90	30
Cone Colour	Trim Colour	CRI	CCT
M : Mirror D : Dark Mirror W : White	W : White B : Black	Ra > 90	27 : 2700K 30 : 3000K 35 : 3500K 40 : 4000K

Colour

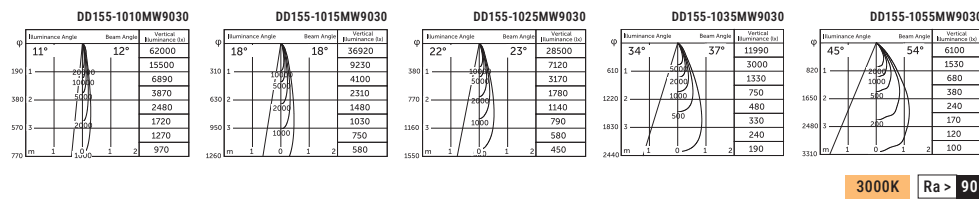


Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
1510 M W 90 [xx]	14.0W	12°	Ra > 90	1177	1201	1225	1249
1515 M W 90 [xx]		17°		1534	1565	1550	1572
1525 M W 90 [xx]		23°		1643	1676	1660	1683
1535 M W 90 [xx]		37°		1620	1653	1636	1659
1555 M W 90 [xx]		54°		1596	1628	1612	1635



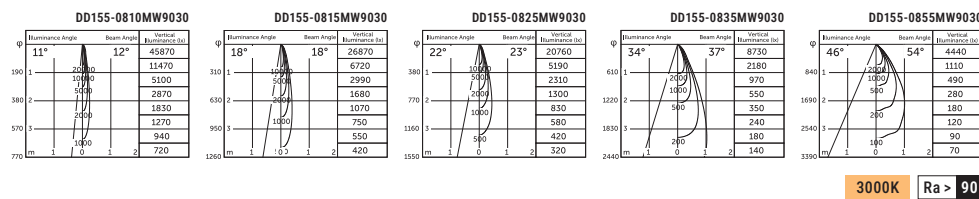
3000K Ra > 90

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
1010 M W 90 [xx]	10.5W	12°	Ra > 90	874	892	910	928
1015 M W 90 [xx]		18°		1065	1087	1076	1091
1025 M W 90 [xx]		23°		1140	1163	1151	1168
1035 M W 90 [xx]		37°		1120	1143	1132	1148
1055 M W 90 [xx]		54°		1118	1141	1130	1146



3000K Ra > 90

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
0810 M W 90 [xx]	7.5W	12°	Ra > 90	646	660	673	686
0815 M W 90 [xx]		18°		775	791	783	794
0825 M W 90 [xx]		23°		830	847	838	850
0835 M W 90 [xx]		37°		815	832	824	835
0855 M W 90 [xx]		54°		814	831	822	834



3000K Ra > 90

AMMA

Φ100 Lens Type Fixed Downlight : Antiglare

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

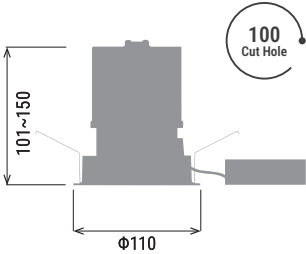
Wide Flood

Fixed

Ra > 90

CE

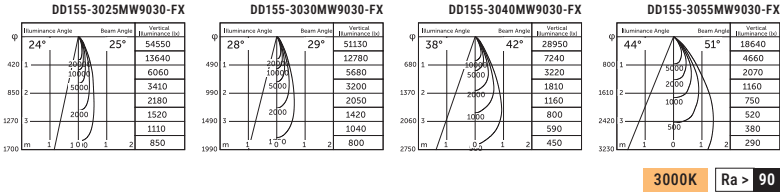
Lens type, luminaire's lumen efficacy has been improved from the previous version. Soft light distribution with different beam angles. Light emitting surface is offset to be hidden to reduce glare. Different finishes of cone are available.



Specifications	
Body	Die-cast aluminum alloy, anti-glare type
Frame	Fine white (Black) paint
Total Weight	0.8kg
Use of ceiling plate thickness of 5-25mm	
With power supply unit (AC 220-240V)	
Remark	For driver size, please contact our sales person

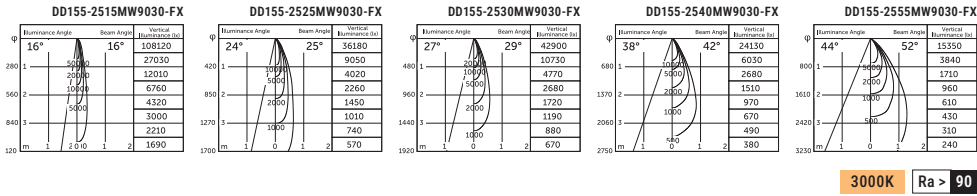
Height (Weight)	
28W	150 (0.7kg)
24W	150 (0.7kg)
21W	113 (0.5kg)
14W	113 (0.5kg)
10.5W	101 (0.5kg)
7.5W	101 (0.5kg)

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
3025 M W 90 [xx] - FX	28.0W	25°	Ra > 90	3074	3137	3105	3149
3030 M W 90 [xx] - FX		29°		3297	3364	3330	3377
3040 M W 90 [xx] - FX		42°		3287	3354	3321	3367
3055 M W 90 [xx] - FX		51°		3290	3357	3323	3370



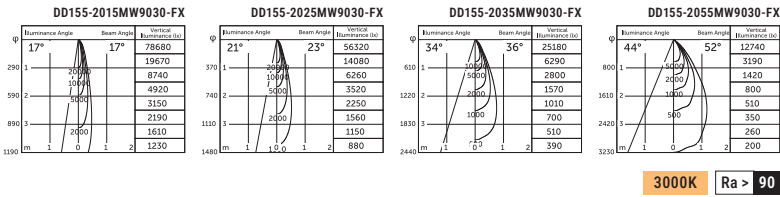
3000K Ra > 90

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
2515 M W 90 [xx] - FX	24.0W	16°	Ra > 90	2043	2085	2127	2168
2525 M W 90 [xx] - FX		25°		2552	2604	2578	2614
2530 M W 90 [xx] - FX		29°		2740	2796	2768	2807
2540 M W 90 [xx] - FX		42°		2730	2786	2758	2797
2555 M W 90 [xx] - FX		52°		2736	2792	2764	2803



3000K Ra > 90

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
2015 M W 90 [xx] - FX	21.0W	17°	Ra > 90	2166	2210	2188	2219
2025 M W 90 [xx] - FX		23°		2304	2351	2327	2360
2035 M W 90 [xx] - FX		36°		2279	2325	2302	2334
2055 M W 90 [xx] - FX		52°		2266	2312	2289	2321



3000K Ra > 90

Ordering Code Example

DD155 – 3025

M

W

90

30

-

FX

Cone Colour

Trim Colour

CRI

CCT

Type

M : Mirror
D : Dark Mirror
W : White

W : White
B : Black

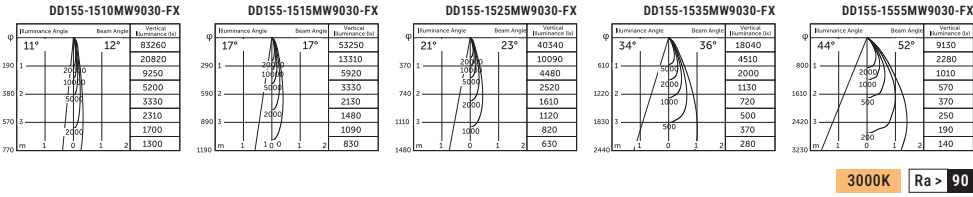
Ra > 90

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

Fixed
downlight

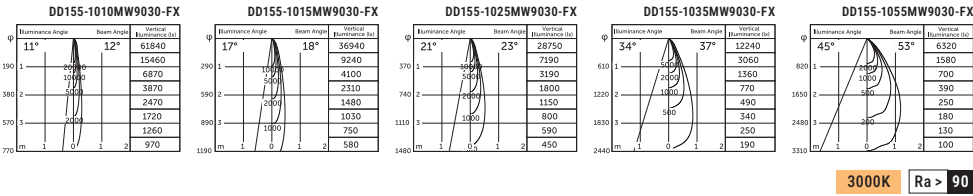


Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
1510 M W 90 [xx] - FX	14.0W	12°	Ra > 90	1181	1205	1229	1253
1515 M W 90 [xx] - FX		17°		1552	1583	1567	1590
1525 M W 90 [xx] - FX		23°		1651	1684	1667	1691
1535 M W 90 [xx] - FX		36°		1632	1666	1649	1672
1555 M W 90 [xx] - FX		52°		1623	1656	1640	1663



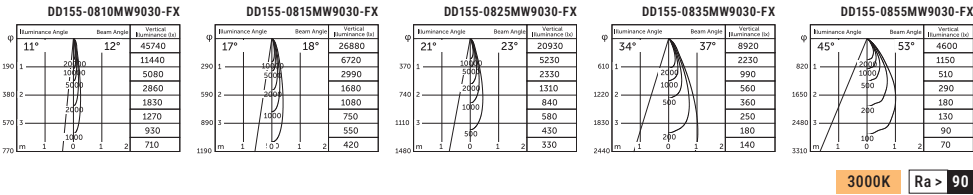
3000K Ra > 90

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
1010 M W 90 [xx] - FX	10.5W	12°	Ra > 90	877	895	913	931
1015 M W 90 [xx] - FX		18°		1076	1098	1087	1102
1025 M W 90 [xx] - FX		23°		1146	1169	1157	1174
1035 M W 90 [xx] - FX		37°		1129	1152	1140	1157
1055 M W 90 [xx] - FX		53°		1136	1159	1147	1164



3000K Ra > 90

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
0810 M W 90 [xx] - FX	7.5W	12°	Ra > 90	649	662	675	688
0815 M W 90 [xx] - FX		18°		783	799	791	803
0825 M W 90 [xx] - FX		23°		834	851	842	854
0835 M W 90 [xx] - FX		37°		822	839	830	842
0855 M W 90 [xx] - FX		53°		827	844	835	847



3000K Ra > 90

AMMA

Φ100 Lens Type Adjustable Downlight

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

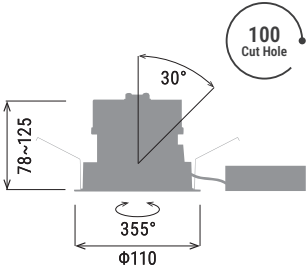
Wide Flood

Adjustable

Ra > 90

CE

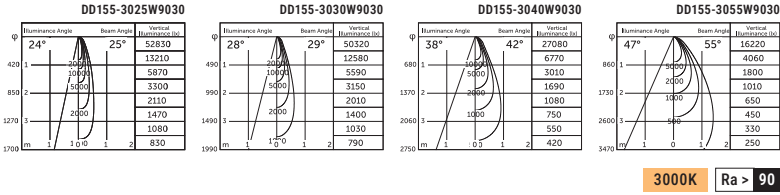
Lens type, luminaire's lumen efficacy has been improved from the previous version.
Soft light distribution with different beam angles.



Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.8kg
Use of ceiling plate thickness of 5-25mm	
With power supply unit (AC 220-240V)	
Remark	For driver size, please contact our sales person

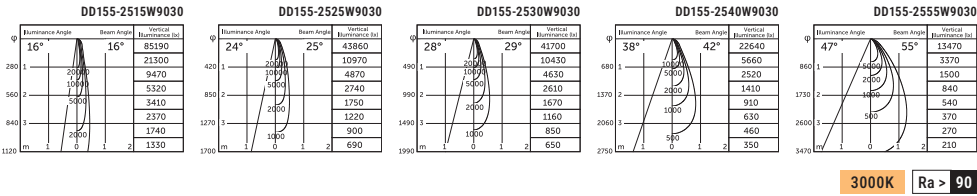
Height (Weight)	
28.0W	125 (0.6kg)
24.0W	125 (0.6kg)
21.0W	92 (0.5kg)
14.0W	92 (0.8kg)
10.5W	78 (0.4kg)
7.5W	78 (0.4kg)

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
3025 W 90 [xx]	28.0W	25°	Ra > 90	3264	3331	3298	3344
3030 W 90 [xx]		29°		3432	3502	3467	3516
3040 W 90 [xx]		42°		3445	3516	3481	3530
3055 W 90 [xx]		55°		3464	3535	3500	3549



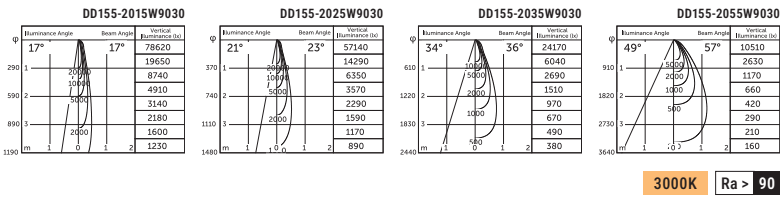
3000K Ra > 90

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
2515 W 90 [xx]	24.0W	16°	Ra > 90	2141	2185	2229	2272
2525 W 90 [xx]		25°		2724	2780	2752	2791
2530 W 90 [xx]		29°		2860	2918	2889	2930
2540 W 90 [xx]		42°		2869	2928	2899	2940
2555 W 90 [xx]		55°		2875	2934	2905	2946



3000K Ra > 90

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
2015 W 90 [xx]	21.0W	17°	Ra > 90	2270	2316	2293	2325
2025 W 90 [xx]		23°		2380	2429	2405	2439
2035 W 90 [xx]		36°		2368	2416	2392	2426
2055 W 90 [xx]		57°		2378	2427	2403	2437



3000K Ra > 90

Ordering Code Example

DD155 – 3025

W

90

30

Body Colour

CRI

CCT

W : White
B : Black

Ra > 90

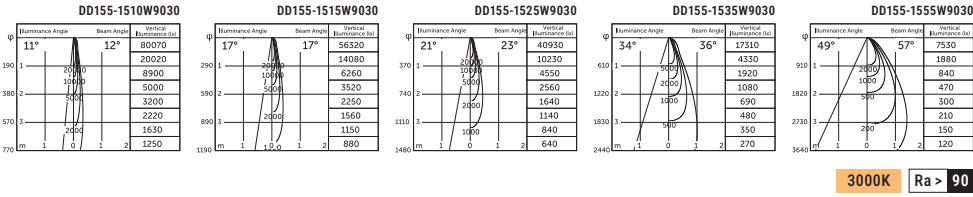
27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

Colour

Black

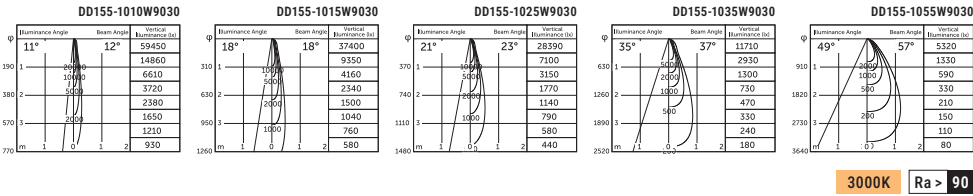
White

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
1510 W 90 [xx]	14.0W	12°	Ra > 90	1233	1258	1283	1308
1515 W 90 [xx]		17°		1626	1659	1643	1666
1525 W 90 [xx]		23°		1705	1740	1723	1747
1535 W 90 [xx]		36°		1696	1731	1714	1738
1555 W 90 [xx]		57°		1704	1739	1721	1746



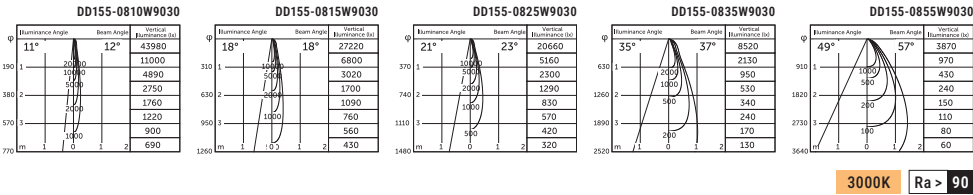
3000K Ra > 90

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
1010 W 90 [xx]	10.5W	12°	Ra > 90	916	934	953	972
1015 W 90 [xx]		18°		1134	1157	1145	1162
1025 W 90 [xx]		23°		1188	1212	1200	1217
1035 W 90 [xx]		37°		1181	1205	1193	1210
1055 W 90 [xx]		57°		1192	1216	1204	1221



3000K Ra > 90

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
0810 W 90 [xx]	7.5W	12°	Ra > 90	677	691	705	719
0815 W 90 [xx]		18°		825	842	834	846
0825 W 90 [xx]		23°		865	882	873	886
0835 W 90 [xx]		37°		860	877	868	881
0855 W 90 [xx]		57°		867	885	876	889



3000K Ra > 90

AMMA

Φ80 Lens Type Adjustable Downlight : Antiglare

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

Extra Wide

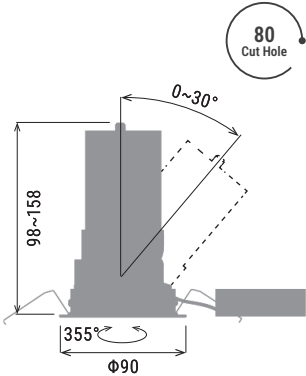
Adjustable

Ra > 90

CE

CCC

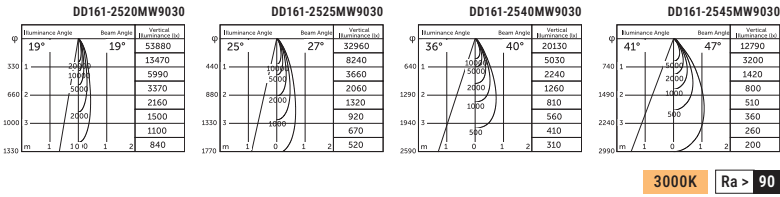
We specifically use one diameter across a wide range of power output combined with new optical lens to create various beam angles. With a small ceiling cutout size (Φ80mm). It can be widely used in various space/function such as commercial facility, hospitality and residence environment. Light emitting surface is offset to be hidden to reduce glare.



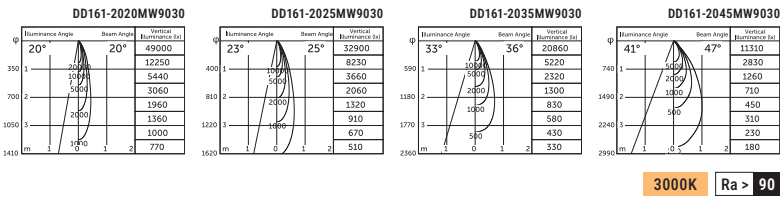
Specifications	
Body	Die-cast aluminum alloy, anti-glare type
Frame	Fine white (Black) paint
Movable Type (up to 30°)	
Use of ceiling plate thickness of 5-20mm	
With power supply unit (AC 220-240V)	
Remark	For driver size, please contact our sales person

Height (Weight)	
24.0W	158 (0.7kg)
21.0W	120 (0.6kg)
14.0W	98 (0.6kg)
10.5W	98 (0.6kg)
7.5W	98 (0.6kg)
5.0W	98 (0.4kg)

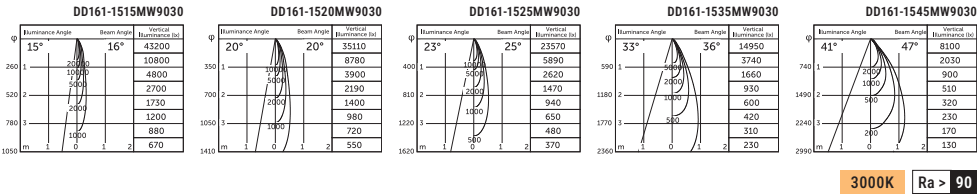
Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
2520 M W 90 [XX]	24.0W	19°	Ra > 90	1936	1975	2015	2074
2525 M W 90 [XX]		27°		2113	2156	2134	2165
2540 M W 90 [XX]		40°		2221	2266	2243	2275
2545 M W 90 [XX]		47°		1991	2032	2012	2040



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
2020 M W 90 [XX]	21.0W	20°	Ra > 90	1956	1996	1976	2004
2025 M W 90 [XX]		25°		1787	1823	1805	1830
2035 M W 90 [XX]		36°		1930	1969	1949	1977
2045 M W 90 [XX]		47°		1715	1750	1733	1757



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
1515 M W 90 [XX]	14.0W	16°	Ra > 90	1155	1179	1203	1238
1520 M W 90 [XX]		20°		1401	1430	1416	1436
1525 M W 90 [XX]		25°		1280	1306	1293	1311
1535 M W 90 [XX]		36°		1382	1411	1397	1416
1545 M W 90 [XX]		47°		1229	1254	1241	1259



Ordering Code Example

DD161 – 2520

M

W

90

30

Cone Colour

W : White

M : Mirror

Trim Colour

W : White

B : Black

CRI

Ra > 90

CCT

27 : 2700K

30 : 3000K

35 : 3500K

40 : 4000K

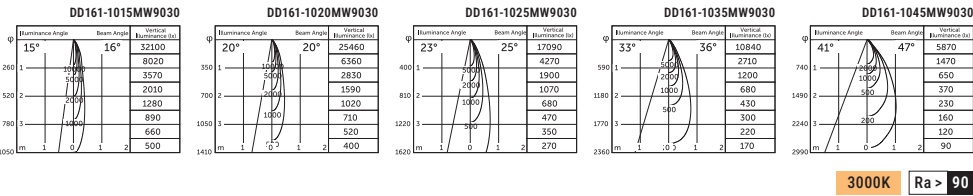
Colour

Mirror (MW)

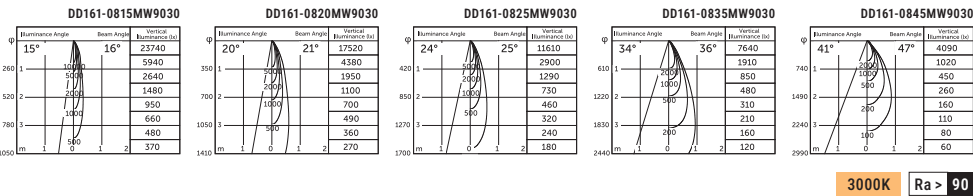
Black (MB)

White (WW)

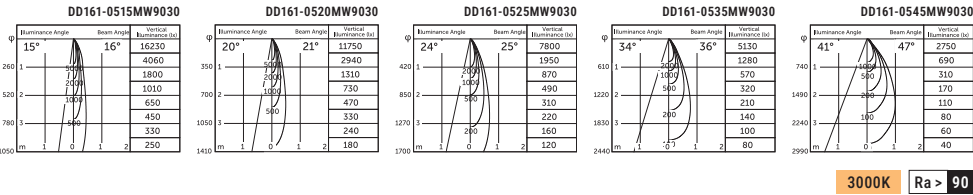
Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
1015 M W 90 [XX]	10.5W	16°	Ra > 90	858	876	894	920
1020 M W 90 [XX]		20°		1016	1037	1026	1041
1025 M W 90 [XX]		25°		928	947	937	951
1035 M W 90 [XX]		36°		1002	1023	1013	1027
1045 M W 90 [XX]		47°		891	909	900	913



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
0815 M W 90 [XX]	7.5W	16°	Ra > 90	635	648	661	680
0820 M W 90 [XX]		21°		714	729	722	732
0825 M W 90 [XX]		25°		648	661	654	664
0835 M W 90 [XX]		36°		713	728	721	731
0845 M W 90 [XX]		47°		621	634	628	637



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
0515 M W 90 [XX]	5.0W	16°	Ra > 90	434	443	452	465
0520 M W 90 [XX]		21°		480	489	484	491
0525 M W 90 [XX]		25°		435	444	439	445
0535 M W 90 [XX]		36°		479	489	484	491
0545 M W 90 [XX]		47°		417	426	421	427



* For driver size and precise IES file, please contact our sales person.

* For product improvement, the specifications, appearance, are subject to change without prior notice.

AMMA

Φ80 Lens Type Fixed Downlight : Antiglare

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

Extra Wide

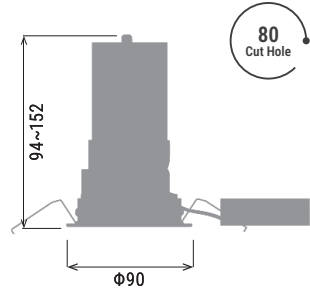
Fixed

Ra > 90

CE

CCC

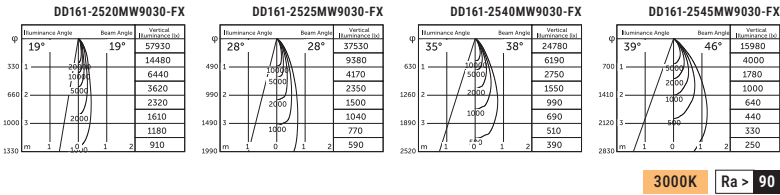
We specifically use one diameter across a wide range of power output combined with new optical lens to create various beam angles. With a small ceiling cutout size (Φ80mm). It can be widely used in various space/function such as commercial facility, hospitality and residence environment. Light emitting surface is offset to be hidden to reduce glare.



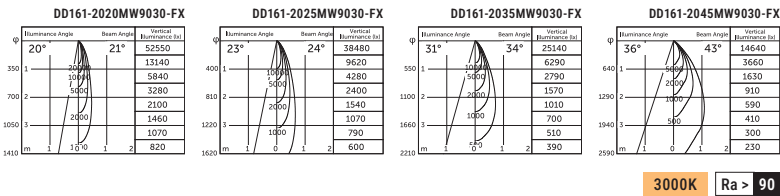
Specifications	
Body	Die-cast aluminum alloy, anti-glare type
Frame	Fine white (Black) paint
Movable Type (up to 30°)	
Use of ceiling plate thickness of 5-20mm	
With power supply unit (AC 220-240V)	
DM	Can use with dimmer
Remark	For driver size, please contact our sales person

Height (Weight)	
24.0W	152 (0.7kg)
21.0W	113 (0.6kg)
14.0W	94 (0.6kg)
10.5W	94 (0.6kg)
7.5W	94 (0.6kg)
5.0W	94 (0.5kg)

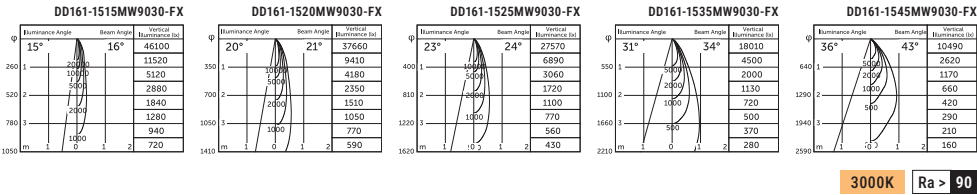
Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
2520 M W 90 [xx] - FX	24.0W	19°	Ra > 90	2176	2220	2264	2331
2525 M W 90 [xx] - FX		28°		2710	2765	2737	2776
2540 M W 90 [xx] - FX		38°		2667	2721	2694	2732
2545 M W 90 [xx] - FX		46°		2456	2506	2481	2516



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
2020 M W 90 [xx] - FX	21.0W	21°	Ra > 90	2262	2308	2285	2317
2025 M W 90 [xx] - FX		24°		2123	2166	2144	2175
2035 M W 90 [xx] - FX		34°		2207	2252	2229	2261
2045 M W 90 [xx] - FX		43°		2027	2068	2047	2076



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
1515 M W 90 [xx] - FX	14.0W	16°	Ra > 90	1281	1307	1333	1372
1520 M W 90 [xx] - FX		21°		1620	1654	1637	1660
1525 M W 90 [xx] - FX		24°		1521	1552	1536	1558
1535 M W 90 [xx] - FX		34°		1581	1613	1597	1620
1545 M W 90 [xx] - FX		43°		1452	1482	1467	1488



Ordering Code Example

DD161 – 2520

M

W

90

30

–

FX

Cone Colour

W : White
M : Mirror

Trim Colour

W : White
B : Black

CRI

Ra > 90

CCT

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

Option

Fixed
downlight

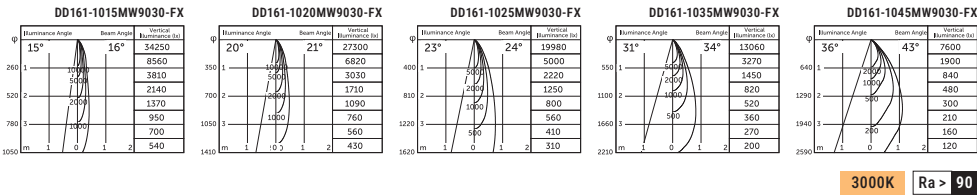
Colour

Mirror (MW)

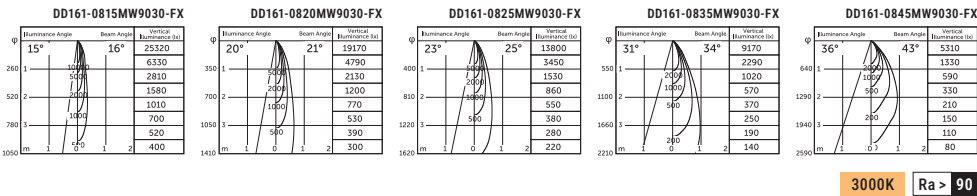
Black (MB)

White (WW)

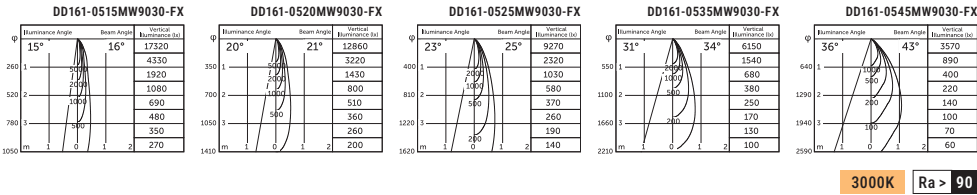
Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
1015 M W 90 [xx] - FX	10.5W	16°	Ra > 90	952	971	990	1020
1020 M W 90 [xx] - FX		21°		1175	1199	1199	1204
1025 M W 90 [xx] - FX		24°		1103	1125	1125	1130
1035 M W 90 [xx] - FX		34°		1146	1170	1170	1174
1045 M W 90 [xx] - FX		43°		1053	1074	1074	1078



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
0815 M W 90 [xx] - FX	7.5W	16°	Ra > 90	704	718	732	754
0820 M W 90 [xx] - FX		21°		834	851	842	854
0825 M W 90 [xx] - FX		25°		775	791	783	794
0835 M W 90 [xx] - FX		34°		807	823	815	826
0845 M W 90 [xx] - FX		43°		740	755	747	758



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
0515 M W 90 [xx] - FX	5.0W	16°	Ra > 90	481	491	501	516
0520 M W 90 [xx] - FX		21°		560	571	565	573
0525 M W 90 [xx] - FX		25°		520	531	526	533
0535 M W 90 [xx] - FX		34°		541	552	547	555
0545 M W 90 [xx] - FX		43°		497	507	502	509



AMMA

Trimless Ø80 Lens Type Adjustable Downlight : Antiglare

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

Extra Wide

Adjustable

Ra > 90

CE

CCC

DD161 – 2520

M

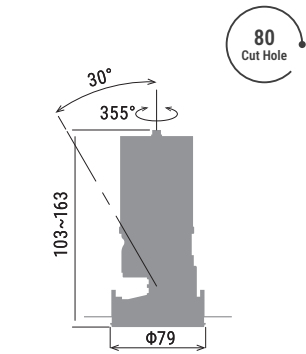
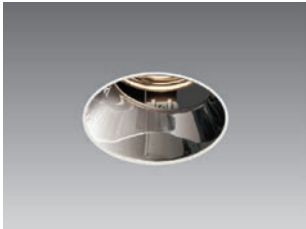
W

90

30

– TL

Cone Colour	Trim Colour	CRI	CCT
W : White M : Mirror	W : White B : Black	Ra > 90	27 : 2700K 30 : 3000K 35 : 3500K 40 : 4000K



Height (Weight)	
24.0W	163 (0.6kg)
21.0W	123 (0.6kg)
14.0W	103 (0.6kg)
10.5W	103 (0.6kg)
7.5W	103 (0.6kg)
5.0W	103 (0.6kg)

Colour

Mirror (MW)

White (WW)

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT (=)			
				27	30	35	40
Lumen Output (Fixture)							
2520 M W 90 - TL	24.0W	19°	Ra > 90	1936	1975	2015	2074
2525 M W 90 - TL		27°		2113	2156	2134	2165
2540 M W 90 - TL		40°		2221	2266	2243	2275
2545 M W 90 - TL		47°		1991	2032	2012	2040
2020 M W 90 - TL	21.0W	20°	Ra > 90	1956	1996	1976	2004
2025 M W 90 - TL		25°		1787	1823	1805	1830
2035 M W 90 - TL		36°		1930	1969	1949	1977
2045 M W 90 - TL		47°		1715	1750	1733	1757
1515 M W 90 - TL	14.0W	16°	Ra > 90	1155	1179	1203	1238
1520 M W 90 - TL		20°		1401	1430	1416	1436
1525 M W 90 - TL		25°		1280	1306	1293	1311
1535 M W 90 - TL		36°		1382	1411	1397	1416
1545 M W 90 - TL	10.5W	47°	Ra > 90	1229	1254	1241	1259
1015 M W 90 - TL		16°		858	876	894	920
1020 M W 90 - TL		20°		1016	1037	1026	1041
1025 M W 90 - TL		25°		928	947	937	951
1035 M W 90 - TL	7.5W	36°	Ra > 90	1002	1023	1013	1027
1045 M W 90 - TL		47°		891	909	900	913
0815 M W 90 - TL		16°		635	648	661	680
0820 M W 90 - TL		21°		714	729	722	732
0825 M W 90 - TL	5.0W	25°	Ra > 90	648	661	654	664
0835 M W 90 - TL		36°		713	728	721	731
0845 M W 90 - TL		47°		621	634	628	637
0515 M W 90 - TL		16°		434	443	452	465
0520 M W 90 - TL	5.0W	21°	Ra > 90	480	489	484	491
0525 M W 90 - TL		25°		435	444	439	445
0535 M W 90 - TL		36°		479	489	484	491
0545 M W 90 - TL		47°		417	426	421	427

→ Please see [P. 64 - 65](#) for light distribution chart.

AMMA

Trimless Ø80 Lens Type Fixed Downlight : Antiglare

2700K

3000K

3500K

4000K

Narrow

Medium

Extra Wide

Flood

Wide Flood

Fixed

Ra > 90

CE

CCC

DD161 – 2520

M

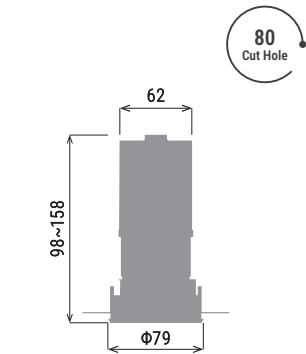
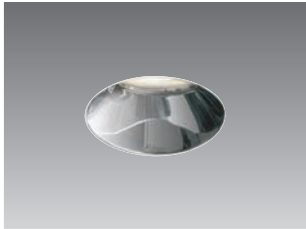
W

90

30

– FX – TL

Cone Colour	Trim Colour	CRI	CCT	Option
W : White M : Mirror	W : White B : Black	Ra > 90	27 : 2700K 30 : 3000K 35 : 3500K 40 : 4000K	Fixed downlight



Height (Weight)	
24.0W	158 (0.7kg)
21.0W	115 (0.6kg)
14.0W	98 (0.6kg)
10.5W	98 (0.6kg)
7.5W	98 (0.6kg)
5.0W	98 (0.6kg)

Colour

Mirror (MW)

White (WW)

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT (=)			
				27	30	35	40
Lumen Output (Fixture)							
2520 M W 90 - FX - TL	24.0W	19°	Ra > 90	2176	2220	2264	2331
2525 M W 90 - FX - TL		28°		2710	2765	2737	2776
2540 M W 90 - FX - TL		38°		2667	2721	2694	2732
2545 M W 90 - FX - TL		46°		2456	2506	2481	2516
2020 M W 90 - FX - TL	21.0W	21°	Ra > 90	2262	2308	2285	2317
2025 M W 90 - FX - TL		24°		2123	2166	2144	2175
2035 M W 90 - FX - TL		34°		2207	2252	2229	2261
2045 M W 90 - FX - TL		43°		2027	2068	2047	2076
1515 M W 90 - FX - TL	14.0W	16°	Ra > 90	1281	1307	1333	1372
1520 M W 90 - FX - TL		21°		1620	1654	1637	1660
1525 M W 90 - FX - TL		24°		1521	1552	1536	1558
1535 M W 90 - FX - TL		34°		1581	1613	1597	1620
1545 M W 90 - FX - TL	10.5W	43°	Ra > 90	1452	1482	1467	1488
1015 M W 90 - FX - TL		16°		952	971	990	1020
1020 M W 90 - FX - TL		21°		1175	1199	1199	1204
1025 M W 90 - FX - TL		24°		1103	1125	1125	1130
1035 M W 90 - FX - TL	7.5W	34°	Ra > 90	1146	1170	1170	1174
1045 M W 90 - FX - TL		43°		1053	1074	1074	1078
0815 M W 90 - FX - TL		16°		704	718	732	754
0820 M W 90 - FX - TL		21°		834	851	842	854
0825 M W 90 - FX - TL	5.0W	25°	Ra > 90	775	791	783	794
0835 M W 90 - FX - TL		34°		807	823	815	826
0845 M W 90 - FX - TL		43°		740	755	747	758
0515 M W 90 - FX - TL		16°		481	491	501	516
0520 M W 90 - FX - TL	5.0W	21°	Ra > 90	560	571	565	573
0525 M W 90 - FX - TL		25°		520	531	526	533
0535 M W 90 - FX - TL		34°		541	552	547	555
0545 M W 90 - FX - TL		43°		497	507	502	509

→ Please see [P. 66 - 67](#) for light distribution chart.

* For driver size and precise IES file, please contact our sales person.

* For product improvement, the specifications, appearance, are subject to change without prior notice.

AMMA

Φ80 Lens Type Adjustable Downlight

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

Extra Wide

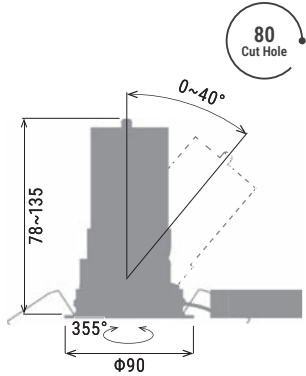
Adjustable

Ra > 90

CE

CCC

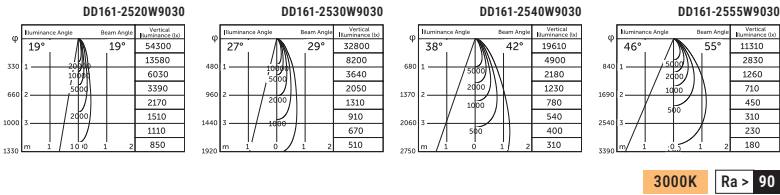
We specifically use one diameter across a wide range of power output combined with new optical lens to create various beam angles. With a small ceiling cutout size (Φ80mm). It can be widely used in various space/function such as commercial facility, hospitality and residence environment.



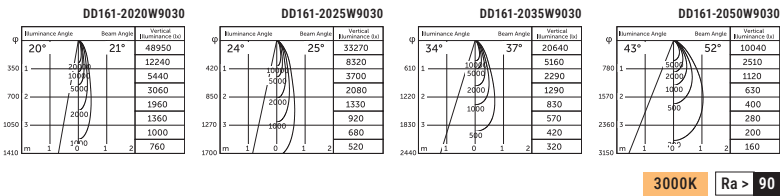
Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Movable Type (up to 40°)	
Use of ceiling plate thickness of 5-20mm	
With power supply unit (AC 220-240V)	
Remark	For driver size, please contact our sales person

Height (Weight)	
24.0W	135 (0.7kg)
21.0W	95 (0.6kg)
14.0W	78 (0.6kg)
10.5W	78 (0.6kg)
7.5W	78 (0.4kg)
5.0W	78 (0.4kg)

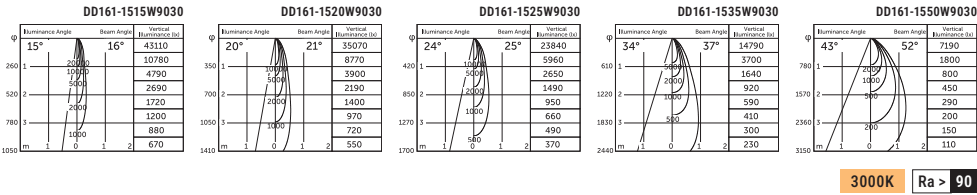
Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
2520 W 90 [xx]	24.0W	19°	Ra > 90	2205	2250	2295	2363
2530 W 90 [xx]		29°		2783	2840	2812	2851
2540 W 90 [xx]		42°		2735	2791	2763	2802
2555 W 90 [xx]		55°		2536	2588	2562	2598



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
2020 W 90 [xx]	21.0W	21°	Ra > 90	2280	2327	2304	2336
2025 W 90 [xx]		25°		2144	2188	2166	2197
2035 W 90 [xx]		37°		2235	2281	2258	2290
2050 W 90 [xx]		52°		2057	2099	2078	2107



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
1515 W 90 [xx]	14.0W	16°	Ra > 90	1286	1312	1338	1378
1520 W 90 [xx]		21°		1634	1667	1650	1674
1525 W 90 [xx]		25°		1536	1568	1552	1574
1535 W 90 [xx]		37°		1601	1634	1618	1641
1550 W 90 [xx]		52°		1474	1504	1489	1510



Ordering Code Example

DD161 – 2520

W

90

30

Trim Colour

CRI

CCT

W : White

Ra > 90

27 : 2700K

B : Black

30 : 3000K

35 : 3500K

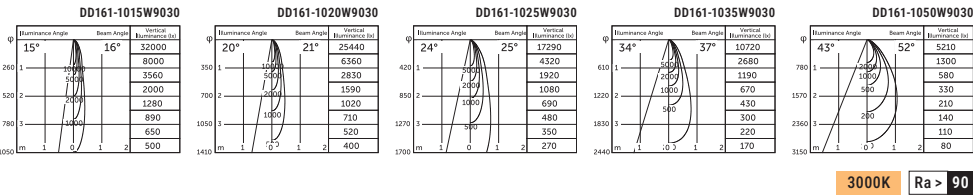
40 : 4000K

Colour

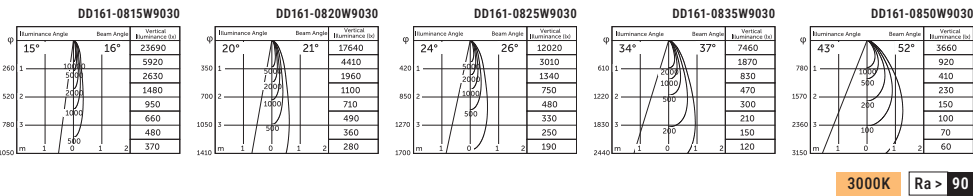
Black

White

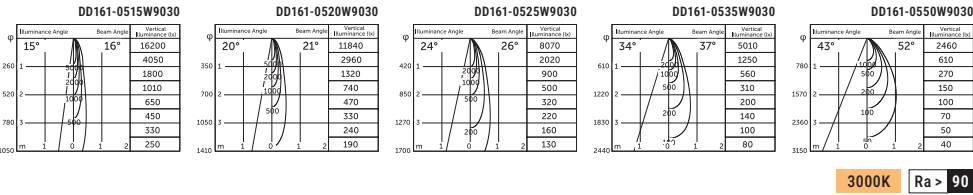
Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
1015 W 90 [xx]	10.5W	16°	Ra > 90	955	974	993	1023
1020 W 90 [xx]		21°		1185	1209	1197	1214
1025 W 90 [xx]		25°		1114	1137	1125	1141
1035 W 90 [xx]		37°		1161	1185	1173	1190
1050 W 90 [xx]		52°		1068	1090	1079	1095



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
0815 W 90 [xx]	7.5W	16°	Ra > 90	707	721	735	757
0820 W 90 [xx]		21°		835	852	843	855
0825 W 90 [xx]		26°		786	802	794	805
0835 W 90 [xx]		37°		816	833	825	836
0850 W 90 [xx]		52°		754	769	761	772



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
0515 W 90 [xx]	5.0W	16°	Ra > 90	483	493	503	518
0520 W 90 [xx]		21°		560	572	566	574
0525 W 90 [xx]		26°		528	538	533	540
0535 W 90 [xx]		37°		548	559	554	561
0550 W 90 [xx]		52°		506	516	511	518



* For driver size and precise IES file, please contact our sales person.

* For product improvement, the specifications, appearance, are subject to change without prior notice.

AMMA-R

Φ80 Reflector Type Track Light

2700K

3000K

3500K

4000K

Narrow

Medium

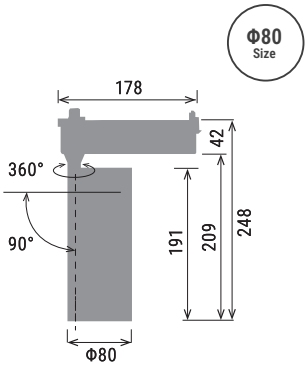
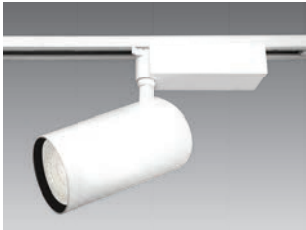
Flood

Wide Flood

Ra > 90

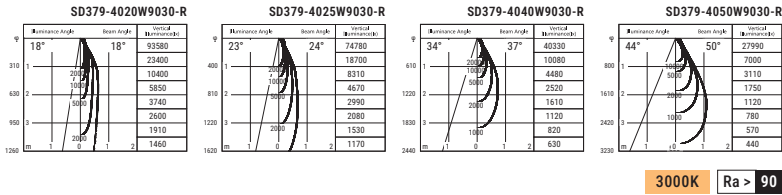
CECCC

The Φ80 adopts a reflector type design with improved luminaire efficacy compared with the previous version. Its inner surface features a reflector finish, helping guide light efficiently and deliver a cleaner light impression. The Track Light uses an internal-driver box with a UL 3 phase track for flexible installation. The UL 3 phase track also supports other brands' track system.



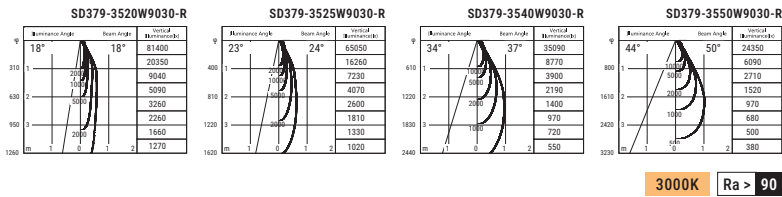
Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.9kg
Movable Type (Vertical: up to 90°, Horizontal: 360°) Use with track	
With power supply unit (AC 220-240V)	
Cannot use with dimmer	
R	Reflector

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
4020 W 90 [xx] - R	41.0W	18°	Ra > 90	4264	4488	4847	4825
4025 W 90 [xx] - R		24°		4330	4558	4923	4900
4040 W 90 [xx] - R		37°		4275	4500	4860	4838
4050 W 90 [xx] - R		50°		4282	4507	4868	4845



3000K Ra > 90

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
3520 W 90 [xx] - R	36.0W	18°	Ra > 90	3709	3904	4216	4197
3525 W 90 [xx] - R		24°		3767	3965	4282	4262
3540 W 90 [xx] - R		37°		3719	3915	4228	4209
3550 W 90 [xx] - R		50°		3724	3920	4234	4214



3000K Ra > 90

Ordering Code Example

SD379 – 4020
(UL Track)

W

90

30

– R

Body Colour

W : White
B : Black

CRI

Ra > 90

CCT

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

Function

Reflector

SD079 – 4020
(Japanese Track)

Colour

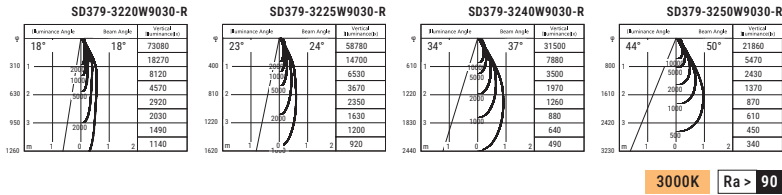


Black



White

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
3220 W 90 [xx] - R	32.0W	18°	Ra > 90	3330	3505	3785	3768
3225 W 90 [xx] - R		24°		3404	3583	3870	3852
3240 W 90 [xx] - R		37°		3339	3515	3796	3779
3250 W 90 [xx] - R		50°		3344	3520	3802	3784



3000K Ra > 90

AMMA-R

Φ70 Reflector Type Track Light

2700K

3000K

3500K

4000K

Narrow

Medium

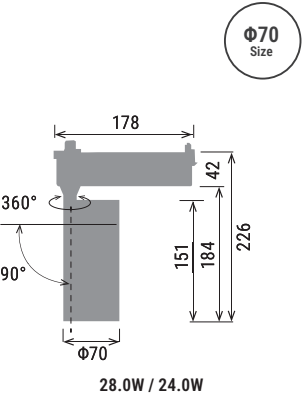
Flood

Wide Flood

Ra > 90

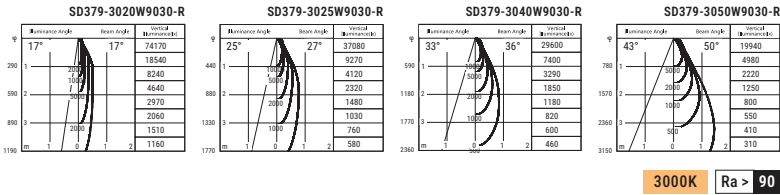
CECCC

The Φ70 adopts a reflector type design with improved luminaire efficacy compared with the previous version. Its inner surface features a reflector finish, helping guide light efficiently and deliver a cleaner light impression. The Track Light uses an internal-driver box with a UL 3 phase track for flexible installation. The UL 3 phase track also supports other brands' track system.

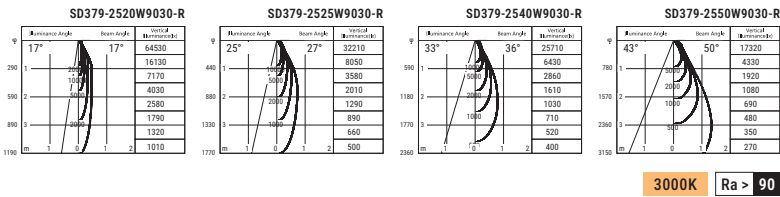


Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.9kg
Movable Type (Vertical: up to 90°, Horizontal: 360°) Use with track	
With power supply unit (AC 220-240V)	
Cannot use with dimmer	
R	Reflector

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
SD379 -	28.0W		Ra > 90	27	30	35	40
				Lumen Output (Fixture)			
				2812	3024	3205	3266
				2803	2951	3158	3128
				2886	3038	3251	3220
3020 W 90 [xx] - R		17°		2812	3024	3205	3266
3025 W 90 [xx] - R		27°		2803	2951	3158	3128
3040 W 90 [xx] - R		36°		2886	3038	3251	3220
3050 W 90 [xx] - R		50°		2944	3099	3316	3285



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
SD379 -	24.0W		Ra > 90	27	30	35	40
				Lumen Output (Fixture)			
				2447	2631	2789	2841
				2435	2563	2742	2717
				2507	2639	2824	2797
2520 W 90 [xx] - R		17°		2447	2631	2789	2841
2525 W 90 [xx] - R		27°		2435	2563	2742	2717
2540 W 90 [xx] - R		36°		2507	2639	2824	2797
2550 W 90 [xx] - R		50°		2557	2692	2880	2854



Ordering Code Example

SD379 – 3020
(UL Track)

W

90

30

– R

Body Colour

W : White
B : Black

CRI

Ra > 90

CCT

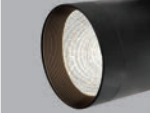
27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

Function

Reflector

SD079 – 3020
(Japanese Track)

Colour



Black



White

AMMA-R

Φ70 Reflector Type Track Light : In Track

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

Ra > 90

CE

CCC

SD379 – 3020
(UL Track)

W

90

30

- IK - R

Body Colour

CRI

CCT

Function

Function

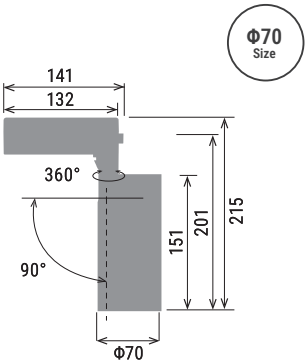
W : White
B : Black

Ra > 90

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

In track driver

Reflector



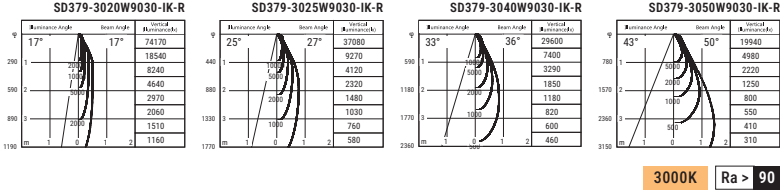
Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.9kg
Movable Type (Vertical: up to 90°, Horizontal: 360°) Use with track	
With power supply unit (AC 220-240V)	
Cannot use with dimmer	
R	Reflector

Colour

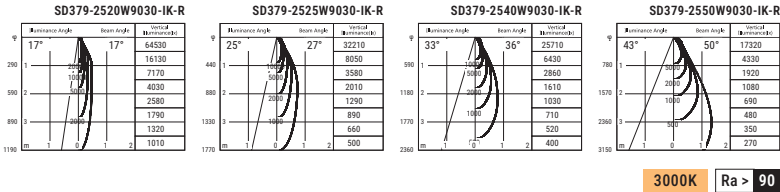
Black

White

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
3020 W 90 [xx] - IK - R	28.0W	17°	Ra > 90	2812	3024	3205	3266
3025 W 90 [xx] - IK - R		27°		2803	2951	3158	3128
3040 W 90 [xx] - IK - R		36°		2886	3038	3251	3220
3050 W 90 [xx] - IK - R		50°		2944	3099	3316	3285



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
2520 W 90 [xx] - IK - R	24.0W	17°	Ra > 90	2447	2631	2789	2841
2525 W 90 [xx] - IK - R		27°		2435	2563	2742	2717
2540 W 90 [xx] - IK - R		36°		2507	2639	2824	2797
2550 W 90 [xx] - IK - R		50°		2557	2692	2880	2854



AMMA-R

Φ70 Reflector Type Track Light : Build in Driver

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

Ra > 90

CE

CCC

SD379 – 3020
(UL Track)

W

90

30

- IN - R

Body Colour

CRI

CCT

Function

Function

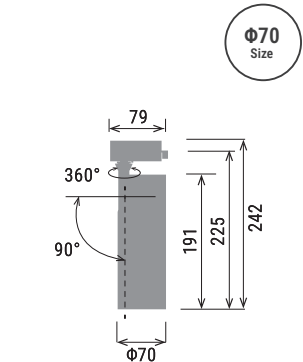
W : White
B : Black

Ra > 90

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

Build in driver

Reflector



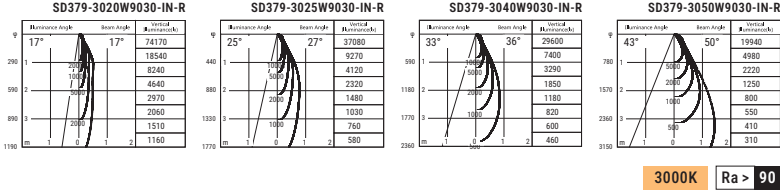
Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.8kg
Movable Type (Vertical: up to 90°, Horizontal: 360°) Use with track	
With power supply unit (AC 220-240V)	
Cannot use with dimmer	

Colour

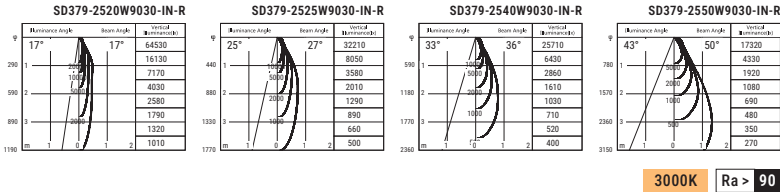
Black

White

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
3020 W 90 [xx] - IN - R	28.0W	17°	Ra > 90	2812	3024	3205	3266
3025 W 90 [xx] - IN - R		27°		2803	2951	3158	3128
3040 W 90 [xx] - IN - R		36°		2886	3038	3251	3220
3050 W 90 [xx] - IN - R		50°		2944	3099	3316	3285



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
2520 W 90 [xx] - IN - R	24.0W	17°	Ra > 90	2447	2631	2789	2841
2525 W 90 [xx] - IN - R		27°		2435	2563	2742	2717
2540 W 90 [xx] - IN - R		36°		2507	2639	2824	2797
2550 W 90 [xx] - IN - R		50°		2557	2692	2880	2854



* For driver size and precise IES file, please contact our sales person.

* For product improvement, the specifications, appearance, are subject to change without prior notice.

AMMA-R

Φ60 Reflector Type Track Light

2700K

3000K

3500K

4000K

Narrow

Medium

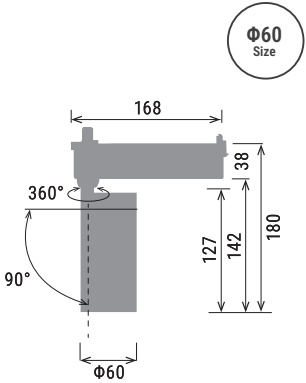
Flood

Wide Flood

Ra > 90

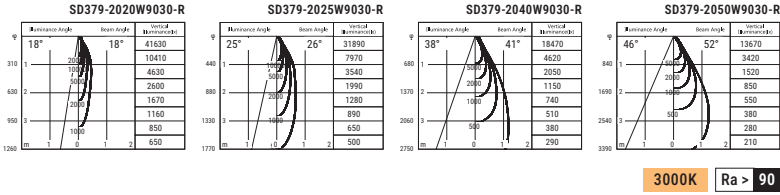
CECCC

The Φ60 adopts a reflector type design with improved luminaire efficacy compared with the previous version. Its inner surface features a reflector finish, helping guide light efficiently and deliver a cleaner light impression. The Track Light uses an internal-driver box with a UL 3 phase track for flexible installation. The UL 3 phase track also supports other brands' track system.

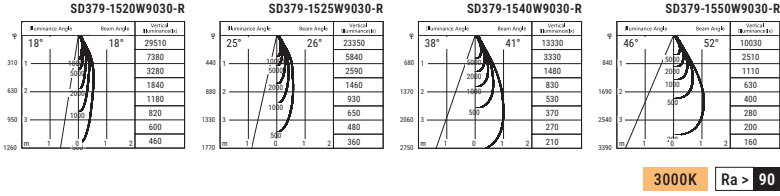


Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.4kg
Movable Type (Vertical: up to 90°, Horizontal: 360°) Use with track	
With power supply unit (AC 220-240V)	
Cannot use with dimmer	
R	Reflector

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
2020 W 90 [XX] - R	21.0W	18°	Ra > 90	2004	2109	2299	2278
2025 W 90 [XX] - R		26°		2132	2244	2446	2424
2040 W 90 [XX] - R		41°		2112	2223	2423	2401
2050 W 90 [XX] - R		52°		2110	2221	2421	2399



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
1520 W 90 [XX] - R	14.0W	18°	Ra > 90	1425	1500	1605	1604
1525 W 90 [XX] - R		26°		1561	1643	1758	1756
1540 W 90 [XX] - R		41°		1510	1589	1700	1699
1550 W 90 [XX] - R		52°		1548	1629	1743	1741



Ordering Code Example

SD379 – 2020
(UL Track)

W

90

30

- R

Body Colour

W : White
B : Black

CRI

Ra > 90

CCT

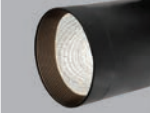
27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

Function

Reflector

SD079 – 2020
(Japanese Track)

Colour

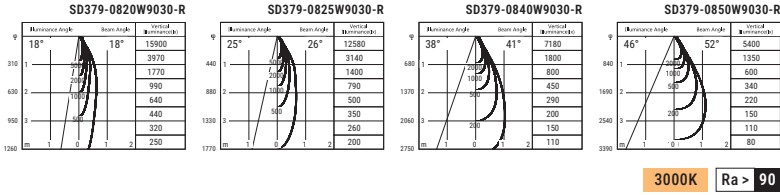


Black



White

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
0820 W 90 [XX] - R	7.5W	18°	Ra > 90	768	808	865	864
0825 W 90 [XX] - R		26°		841	885	947	946
0840 W 90 [XX] - R		41°		813	856	916	915
0850 W 90 [XX] - R		52°		833	877	938	938



Options & Accessories



Honeycomb Louver
SY020-XX



Diffusion Lens
SY021-XX



Spread Lens
SY022-XX



Frosted Lens
SY023-XX



Optical Hood
SY024-XX

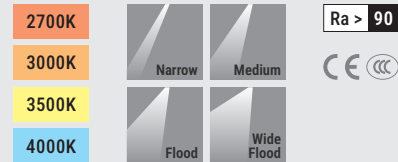
SD*79-20 (21.0W)	×	×	×	×	×
SD*79-15 (14.0W)	○	○	○	○	○
SD*79-10 (10.5W)	○	○	○	○	○

* For driver size and precise IES file, please contact our sales person.

* For product improvement, the specifications, appearance, are subject to change without prior notice.

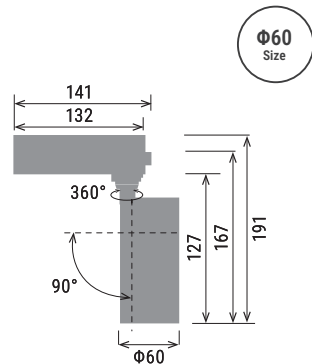
AMMA-R

Φ60 Reflector Type Track Light : In Track

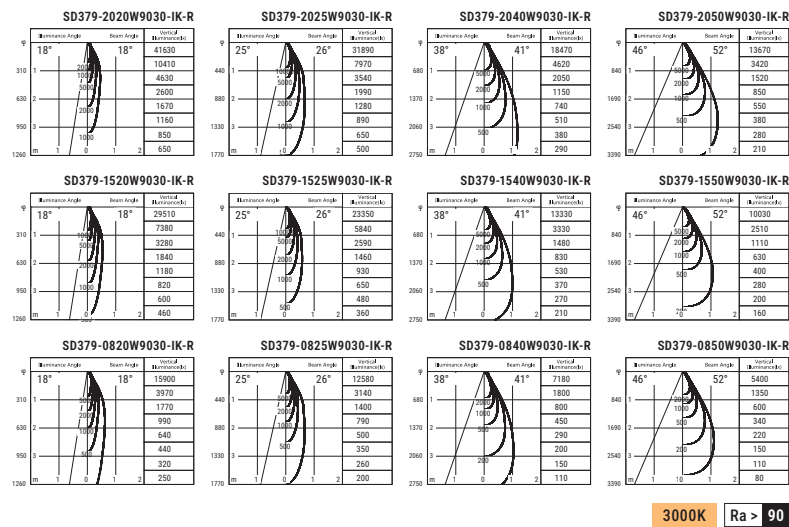


SD379 – 2020
(UL Track)

W	90	30	– IK – R
Body Colour	CRI	CCT	Function
W : White B : Black	Ra > 90	27 : 2700K 30 : 3000K 35 : 3500K 40 : 4000K	In track driver Reflector



Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.4kg
Movable Type (Vertical: up to 90°, Horizontal: 360°) Use with track	
With power supply unit (AC 220-240V)	
Cannot use with dimmer	
R	Reflector



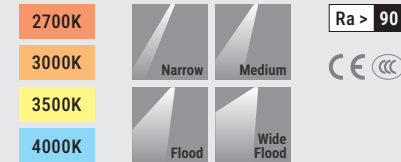
Options & Accessories



SD*79-20 (21.0W)	×	×	×	×	×
SD*79-15-IN (14.0W)	○	○	○	○	○
SD*79-12-IN (12.0W)	○	○	○	○	○
SD*79-08-IN (7.5W)	○	○	○	○	○

AMMA-R

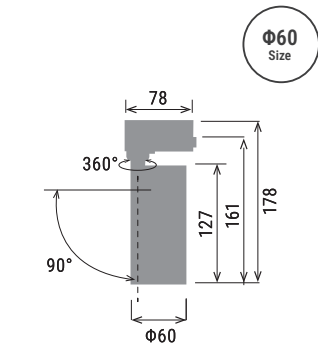
Φ60 Reflector Type Track Light : Build in Driver



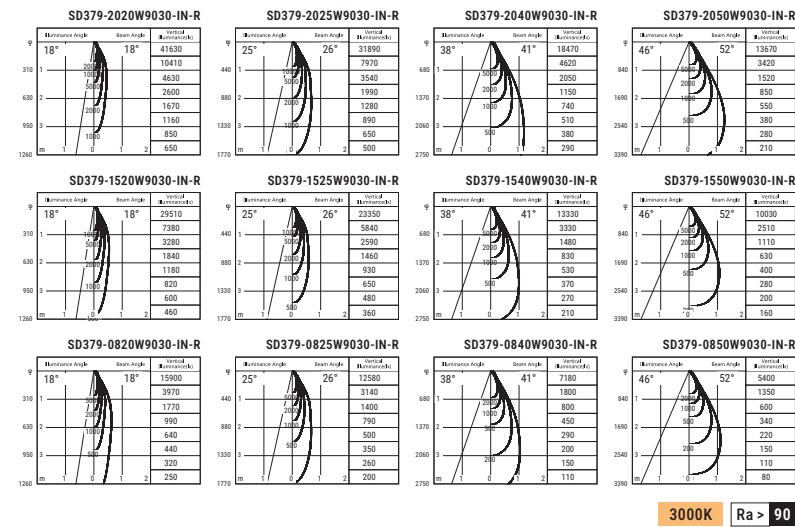
SD379 – 2020
(UL Track)

W	90	30	– IN – R
Body Colour	CRI	CCT	Function
W : White B : Black	Ra > 90	27 : 2700K 30 : 3000K 35 : 3500K 40 : 4000K	Build in driver Reflector

SD079 – 2020
(Japanese Track)



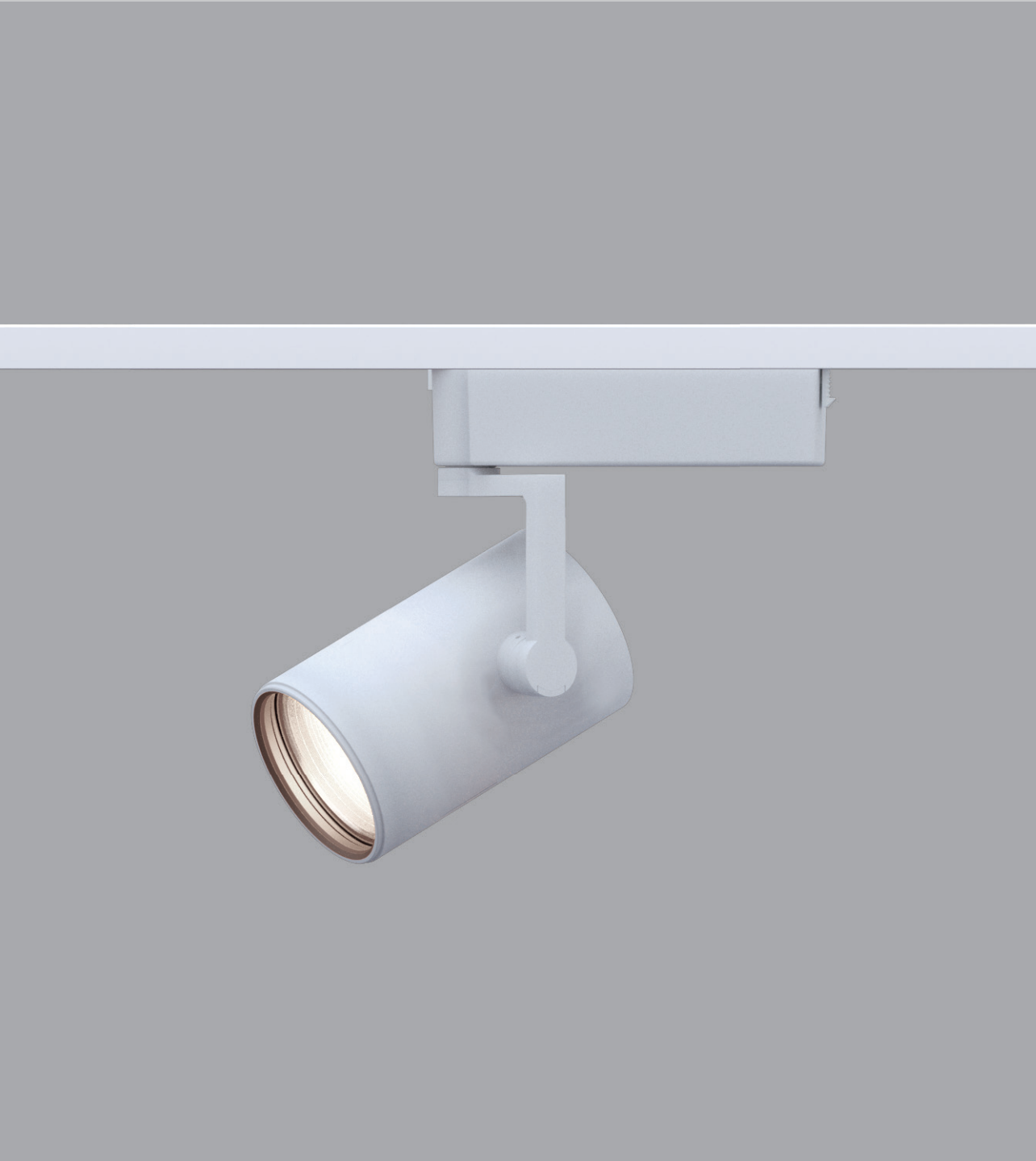
Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.5kg
Movable Type (Vertical: up to 90°, Horizontal: 360°) Use with track	
With power supply unit (AC 220-240V)	
Cannot use with dimmer	
R	Reflector



Options & Accessories



SD*79-20 (21.0W)	×	×	×	×	×
SD*79-15-IN (14.0W)	○	○	○	○	○
SD*79-12-IN (12.0W)	○	○	○	○	○
SD*79-08-IN (7.5W)	○	○	○	○	○



TOVER

Track & Downlight Series

	SD382-R M	P.086
Reflector Type Track Light : Cylinder Arm Type		
	SD382-R S	P.088
Reflector Type Track Light : Cylinder Arm Type		
	SD382-R-IK M	P.090
Reflector Type Track Light : Cylinder Arm Type (In Track)		
	SD382-R-IK S	P.092
Reflector Type Track Light : Cylinder Arm Type (In Track)		
	DD136-R	P.094
Φ150 Reflector Type Adjustable Downlight		
	DD136-R	P.095
Φ150 Reflector Type Adjustable Downlight : Antiglare Type		
	DD136-R	P.096
Φ125 Reflector Type Adjustable Downlight		
	DD136-R	P.097
Φ125 Reflector Type Adjustable Downlight : Antiglare Type		
	DD136-R	P.098
Φ100 Reflector Type Adjustable Downlight		
	DD136-R	P.099
Φ100 Reflector Type Adjustable Downlight : Antiglare Type		
	SD357 M S	P.100
Reflector Type Track Light : Cylinder Box Type		

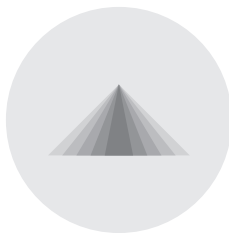
TOVER Cylinder Spotlights Delivering Greater Efficiency

These spotlights sharply illuminate targets, creating a rhythm of light and guiding visual sequences across the space. By precisely bringing out the textures of products and wall surfaces, they create captivating focal points. Shadow contrast elegantly defines the spatial expression, building highly appealing highlights.



High CRI: CRI>90

Ra90 CRI or higher for more natural colour reproduction.



5 Beam Angles

5 beam angle options for diverse expressions.

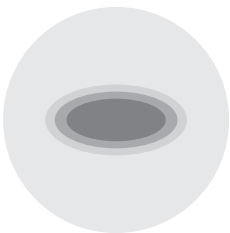
A High-Efficiency and Energy-Saving Series for Diverse Spaces

Combining high colour rendering and high efficacy, the series delivers consistent light quality, ranging from base lighting that envelops the entire space to accent lighting that sharply highlights targets.



High CRI: CRI>90

Ra90 CRI for a more natural colour space.



3 Selection Axes

Flexible lumen packages, beam angles, and CCTs for diverse spaces and expressions.



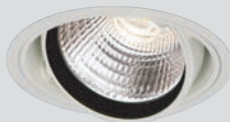
Medium (Φ89mm)

Size (mm)	Medium (Φ89mm)			
W (W)	21	24	28	36
Lm (Average)	2057	2443	2820	3579
Lm/W (Average)	97.9	101.8	100.7	99.4
Type	Cylinder Arm (In Track) / Cylinder Box			
Beam Angle	10° 15° 21° 32° 44° 79°			
CCT	2700K 3000K 3500K 4000K			
CRI (Ra)	Ra > 90			
Colour	WhiteBlack			



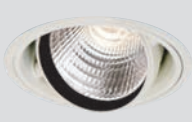
Small (Φ65mm)

Size (mm)	Small (Φ65mm)			
W (W)	7.5	10.5	18.6	24
Lm (Average)	701	963	1727	2196
Lm/W (Average)	93.4	91.7	92.8	91.5
Type	Cylinder Arm (In Track) / Cylinder Box			
Beam Angle	15° 23° 28° 40° 73°			
CCT	2700K 3000K 3500K 4000K			
CRI (Ra)	Ra > 90			
Colour	WhiteBlack			



Φ150mm

Cut Hole (mm)	Φ150mm		
W (W)	23	28	36
Lm (Average)	2657	3050	3780
Lm/W (Average)	115.5	108.9	105.0
Type	Adjustable		
Beam Angle	12° 21° 30° 43°		
CCT	2700K 3000K 3500K 4000K		
CRI (Ra)	Ra > 90		
Colour (Body)	WhiteBlack		
Anti-Glare Type	Adjustable		
Colour (Cone)	MirrorDark MirrorWhite		



Φ125mm

Cut Hole (mm)	Φ125mm	
W (W)	20	23
Lm (Average)	1890	2437
Lm/W (Average)	94.5	105.9
Type	Adjustable	
Beam Angle	15° 21° 33° 45°	
CCT	2700K 3000K 3500K 4000K	
CRI (Ra)	Ra > 90	
Colour (Body)	WhiteBlack	
Anti-Glare Type	Adjustable	
Colour (Cone)	MirrorDark MirrorWhite	



Φ100mm

Cut Hole (mm)	Φ100mm		
W (W)	7.5	10.5	18.6
Lm (Average)	714	984	1617
Lm/W (Average)	95.2	93.7	86.9
Type	Adjustable		
Beam Angle	16° 19° 28° 37°		
CCT	2700K 3000K 3500K 4000K		
CRI (Ra)	Ra > 90		
Colour (Body)	WhiteBlack		
Anti-Glare Type	Adjustable		
Colour (Cone)	MirrorDark MirrorWhite		

TOVER M

Reflector Type Track Light : Cylinder Arm Type

2700K

3000K

3500K

4000K

Narrow

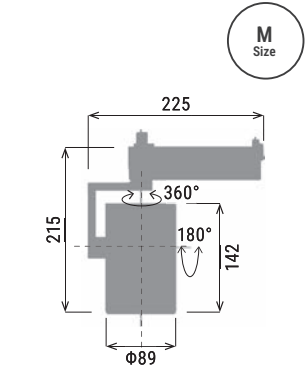
Medium

Flood

Ra > 90

CECCC

Cylinder arm spotlight with small fixture size and extensive lineup. With our carefully selected COB and driver combination. Our luminaire's lumen efficacy has been improved from our previous version. Using COB and reflector to reduce the emitting surface. As a result, it has a well controlled beam angle to create an elegant lighting atmosphere. Cylinder Arm Track Light unit uses driver box with internal driver combine with UL/3 phase track for flexible installation.



Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	1.2kg
Movable Type (Vertical: up to 180°, Horizontal: 360°) Use with track	
With power supply unit (AC 220-240V)	
Cannot use with dimmer	
R	Reflector

Options & Accessories



- Optical Hood
- SY015-MW (White)
- SY015-MB (Black)

Ordering Code Example

SD382 – 3515
(UL Track)

W

Body Colour

W : White

B : Black

90

CRI

Ra > 90

30

CCT

27 : 2700K

30 : 3000K

35 : 3500K

40 : 4000K

–

Function

Reflector

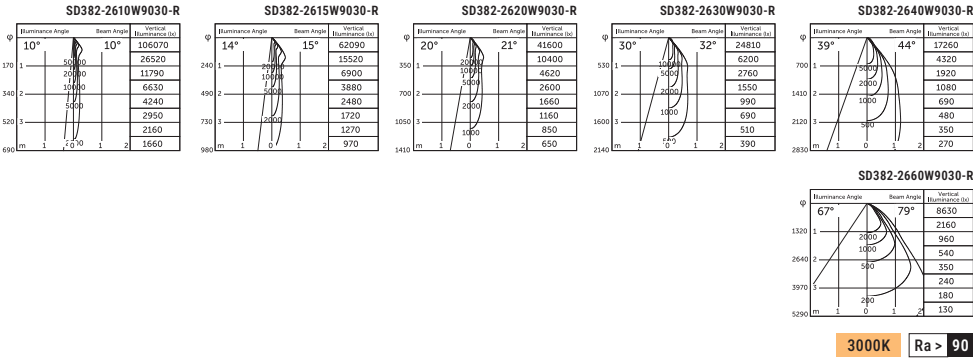
R

Colour

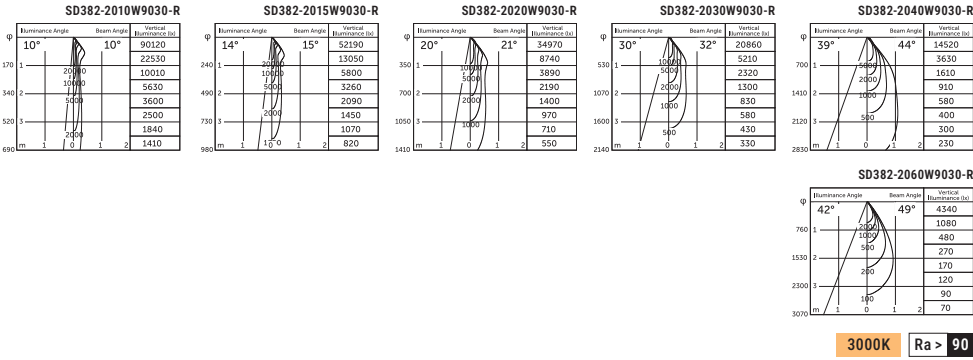
Black

White

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
SD382 -							
2610 W 90 [XX] - R		10°		1948	1988	2028	2087
2615 W 90 [XX] - R		15°		2398	2447	2423	2457
2620 W 90 [XX] - R		21°		2570	2622	2596	2632
2630 W 90 [XX] - R		32°		2604	2657	2630	2668
2640 W 90 [XX] - R		44°		2603	2656	2629	2667
2660 W 90 [XX] - R		79°		2241	2287	2264	2296



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
SD382 -							
2010 W 90 [XX] - R		10°		1655	1689	1723	1773
2015 W 90 [XX] - R		15°		2016	2057	2036	2065
2020 W 90 [XX] - R		21°		2160	2204	2182	2213
2030 W 90 [XX] - R		32°		2189	2234	2212	2243
2040 W 90 [XX] - R		44°		2188	2233	2211	2242
2060 W 90 [XX] - R		49°		1885	1923	1904	1931



* For driver size and precise IES file, please contact our sales person.

* For product improvement, the specifications, appearance, are subject to change without prior notice.

TOVER M

Reflector Type Track Light : Cylinder Arm Type (In Track)

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

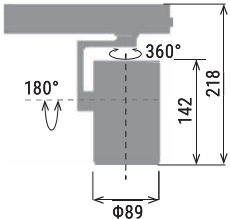
Ra > 90

CECCC

Cylinder spotlight with small fixture size and extensive lineup.
In-track driver version for a minimal clean design.



M
Size



Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	1.0kg
Movable Type (Vertical: up to 180°, Horizontal: 360°) Use with track	
With power supply unit (AC 220-240V)	
Cannot use with dimmer	
R	Reflector

Options & Accessories



- SY015-MW (White)
- SY015-MB (Black)

Ordering Code Example

SD382 – 3515
(UL Track)

W

90

30

– R – IK

Body Colour

CRI

CCT

Function

Function

W : White
B : Black

Ra > 90

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

Reflector

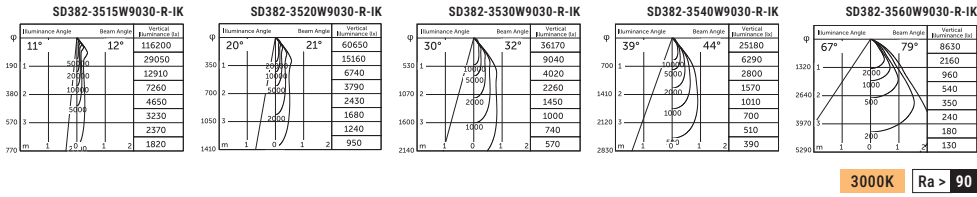
In track driver

Colour

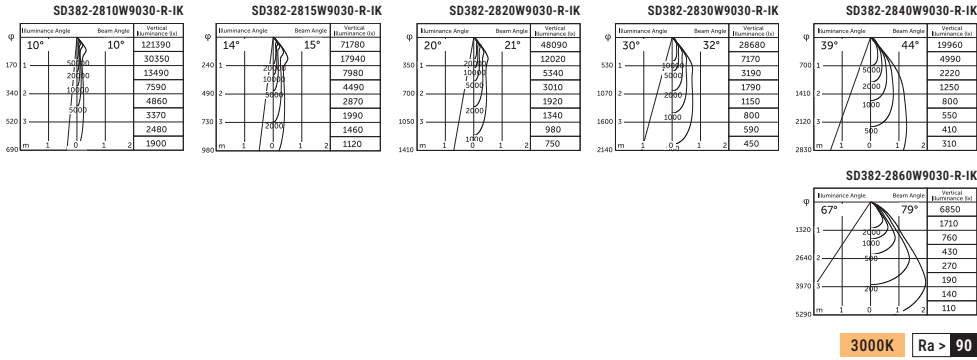
Black

White

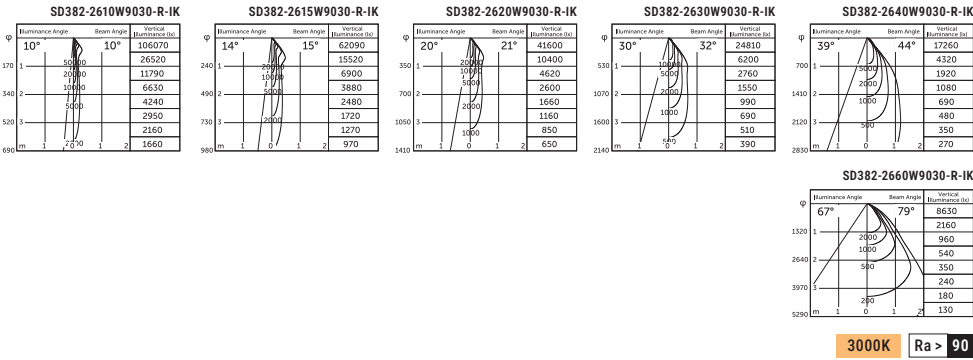
Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT (xx) =			
				27	30	35	40
Lumen Output (Fixture)							
3515 W 90 xx - R - IK	36.0W	12°	Ra > 90	2931	2991	3051	3141
3520 W 90 xx - R - IK		21°		3747	3823	3785	3838
3530 W 90 xx - R - IK		32°		3797	3874	3835	3889
3540 W 90 xx - R - IK		44°		3796	3873	3834	3888
3560 W 90 xx - R - IK		79°		3268	3335	3302	3348



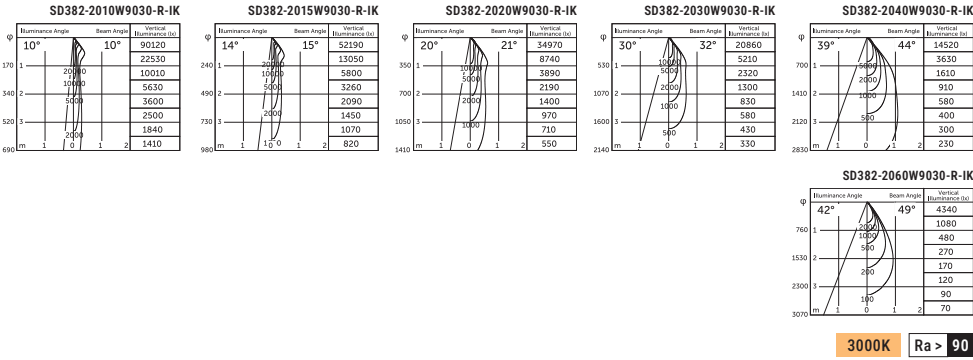
Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT (xx) =			
				27	30	35	40
Lumen Output (Fixture)							
2810 W 90 xx - R - IK	28.0W	10°	Ra > 90	2230	2275	2321	2389
2815 W 90 xx - R - IK		15°		2772	2829	2801	2840
2820 W 90 xx - R - IK		21°		2970	3031	3001	3043
2830 W 90 xx - R - IK		32°		3011	3072	3041	3084
2840 W 90 xx - R - IK		44°		3010	3071	3040	3083
2860 W 90 xx - R - IK		79°		2591	2644	2618	2655



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT (xx) =			
				27	30	35	40
Lumen Output (Fixture)							
2610 W 90 xx - R - IK	24.0W	10°	Ra > 90	1948	1988	2028	2087
2615 W 90 xx - R - IK		15°		2398	2447	2423	2457
2620 W 90 xx - R - IK		21°		2570	2622	2596	2632
2630 W 90 xx - R - IK		32°		2604	2657	2630	2668
2640 W 90 xx - R - IK		44°		2603	2656	2629	2667
2660 W 90 xx - R - IK		79°		2241	2287	2264	2296



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT (xx) =			
				27	30	35	40
Lumen Output (Fixture)							
2010 W 90 xx - R - IK	21.0W	10°	Ra > 90	1655	1689	1723	1773
2015 W 90 xx - R - IK		15°		2016	2057	2036	2065
2020 W 90 xx - R - IK		21°		2160	2204	2182	2213
2030 W 90 xx - R - IK		32°		2189	2234	2212	2243
2040 W 90 xx - R - IK		44°		2188	2233	2211	2242
2060 W 90 xx - R - IK		49°		1885	1923	1904	1931



TOVER S

Reflector Type Track Light : Cylinder Arm Type (In Track)

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

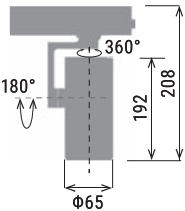
Ra > 90

CECCC

Cylinder spotlight with small fixture size and extensive lineup.
In-track driver version for a minimal clean design.



S
Size



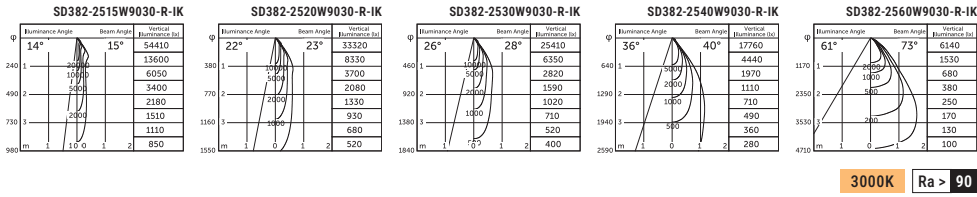
Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight 0.7kg	
Movable Type (Vertical: up to 180°, Horizontal: 360°) Use with track	
With power supply unit (AC 220-240V)	
Cannot use with dimmer	
R	Reflector

Options & Accessories

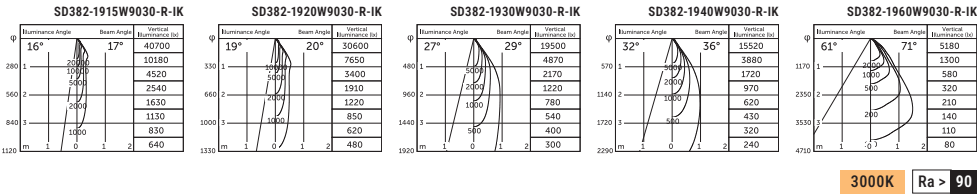


- Optical Hood
- SY015-SW (White)
- SY015-SB (Black)

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
SD382 -							
2515 W 90 [xx] - R - IK	24.0W	15°	Ra > 90	1820	1857	1894	1950
2520 W 90 [xx] - R - IK		23°		2294	2341	2318	2350
2530 W 90 [xx] - R - IK		28°		2308	2355	2331	2364
2540 W 90 [xx] - R - IK		40°		2365	2413	2389	2423
2560 W 90 [xx] - R - IK		73°		1973	2013	1993	2021



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
SD382 -							
1915 W 90 [xx] - R - IK	18.6W	17°	Ra > 90	1686	1720	1703	1727
1920 W 90 [xx] - R - IK		20°		1692	1727	1710	1734
1930 W 90 [xx] - R - IK		29°		1777	1813	1795	1820
1940 W 90 [xx] - R - IK		36°		1785	1821	1803	1828
1960 W 90 [xx] - R - IK		71°		1522	1553	1537	1559



Ordering Code Example

SD382 – 2515
(UL Track)

W

90

30

-

R

-

IK

Body Colour

CRI

CCT

Function

Function

W : White
B : Black

Ra > 90

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

Reflector

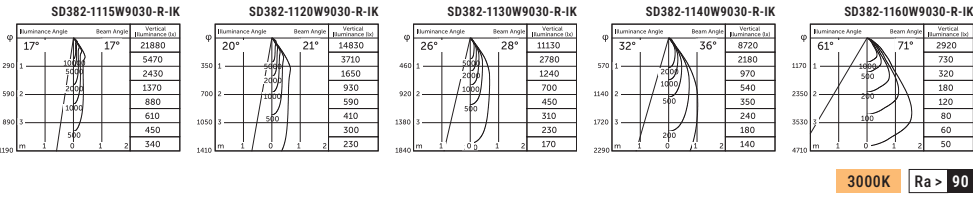
In track driver

Colour

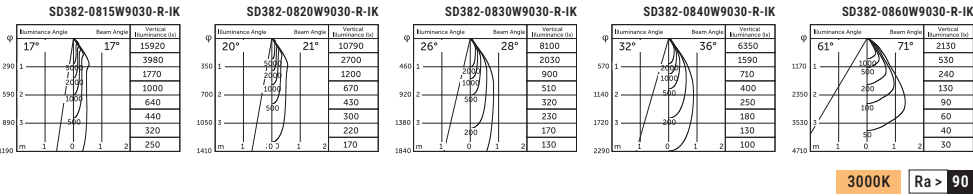
Black

White

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
SD382 -							
1115 W 90 [xx] - R - IK	10.5W	17°	Ra > 90	950	969	959	973
1120 W 90 [xx] - R - IK		21°		935	954	944	958
1130 W 90 [xx] - R - IK		28°		986	1006	996	1010
1140 W 90 [xx] - R - IK		36°		985	1005	995	1009
1160 W 90 [xx] - R - IK		71°		861	879	870	883



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
SD382 -							
0815 W 90 [xx] - R - IK	7.5W	17°	Ra > 90	691	705	698	708
0820 W 90 [xx] - R - IK		21°		680	694	687	697
0830 W 90 [xx] - R - IK		28°		717	732	725	735
0840 W 90 [xx] - R - IK		36°		717	732	725	735
0860 W 90 [xx] - R - IK		71°		627	640	634	643



* For driver size and precise IES file, please contact our sales person.

* For product improvement, the specifications, appearance, are subject to change without prior notice.

TOVER

Φ150 Reflector Type Adjustable Downlight

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

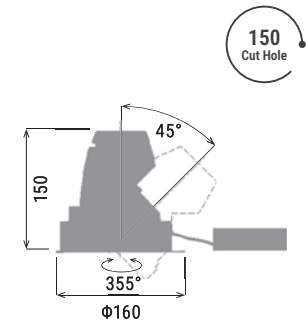
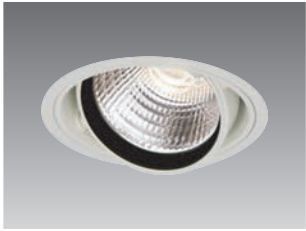
Adjustable

Ra > 90

CE

CCC

DD136 – 3515	W	90	30	–	R
Body Colour	CRI	CCT	Function		
W : White B : Black	Ra > 90	27 : 2700K 30 : 3000K 35 : 3500K 40 : 4000K	Reflector		



Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	1.4kg
Movable Type	(up to 45°)
Use of ceiling plate thickness of 5-25mm	
With power supply unit (AC 220-240V)	
R	Reflector
Remark	For driver size, please contact our sales person

Options & Accessories

DY057-XX

DY046-XXX

DY044-XXX

DY045-XXX

TOVER

Φ150 Reflector Type Adjustable Downlight : Antiglare Type

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

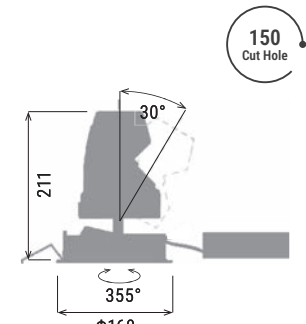
Adjustable

Ra > 90

CE

CCC

DD136 – 3515	M	W	90	30	–	R
Cone Colour	Trim Colour	CRI	CCT	Function		
M : Mirror D : Dark Mirror W : White	W : White B : Black	Ra > 90	27 : 2700K 30 : 3000K 35 : 3500K 40 : 4000K	Reflector		



Specifications	
Body	Die-cast aluminum alloy, anti-glare type
Frame	Fine white (Black) paint
Total Weight	1.4kg
Movable Type	(up to 30°)
Use of ceiling plate thickness of 5-25mm	
With power supply unit (AC 220-240V)	
R	Reflector
Remark	For driver size, please contact our sales person

Options & Accessories

DY046-XXX

DY044-XXX

DY045-XXX

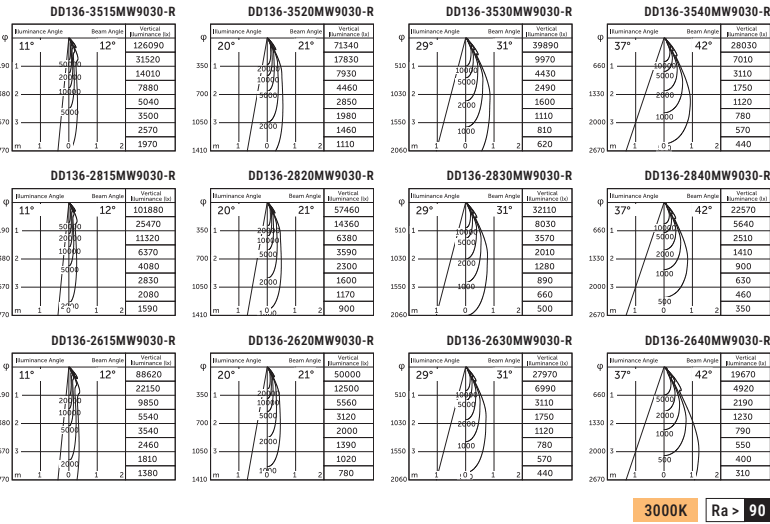
Colour

Mirror (MW)

Dark Mirror (DW)

White (WW)

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT (xx =)			
				27	30	35	40
Lumen Output (Fixture)							
3515 M W 90 [xx] - R	36.0W	12°	Ra > 90	2914	2973	2943	2985
3520 M W 90 [xx] - R		21°		3466	3537	3502	3551
3530 M W 90 [xx] - R		31°		3438	3508	3473	3522
3540 M W 90 [xx] - R		42°		3408	3478	3443	3492
2815 M W 90 [xx] - R	28.0W	12°	Ra > 90	2346	2394	2370	2404
2820 M W 90 [xx] - R		21°		2792	2849	2821	2860
2830 M W 90 [xx] - R		31°		2768	2824	2796	2835
2840 M W 90 [xx] - R		42°		2745	2801	2773	2812
2615 M W 90 [xx] - R	23.0W	12°	Ra > 90	2039	2081	2060	2089
2620 M W 90 [xx] - R		21°		2429	2479	2454	2489
2630 M W 90 [xx] - R		31°		2411	2460	2435	2470
2640 M W 90 [xx] - R		42°		2392	2441	2417	2451



TOVER

Φ125 Reflector Type Adjustable Downlight

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

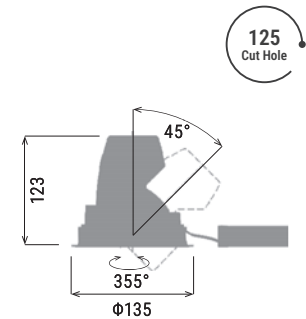
Adjustable

Ra > 90

CE

CCC

DD136 – 2515	W	90	30	–	R
Body Colour	CRI	CCT	Function		
W : White B : Black	Ra > 90	27 : 2700K 30 : 3000K 35 : 3500K 40 : 4000K	Reflector		



Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	1.0kg
Movable Type (up to 45°)	
Use of ceiling plate thickness of 5-25mm	
With power supply unit (AC 220-240V)	
R	Reflector
Remark	For driver size, please contact our sales person

Options & Accessories

Optical Short Hood

Honeycomb Louver

Diffusion Lens

Spread Lens

DY057-XX

DY046-XXX

DY044-XXX

DY045-XXX

TOVER

Φ125 Reflector Type Adjustable Downlight : Antiglare Type

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

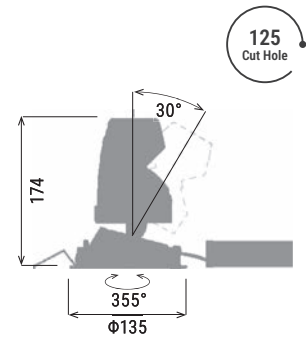
Adjustable

Ra > 90

CE

CCC

DD136 – 2515	M	W	90	30	–	R
Cone Colour	Trim Colour	CRI	CCT	Function		
M : Mirror D : Dark Mirror W : White	W : White B : Black	Ra > 90	27 : 2700K 30 : 3000K 35 : 3500K 40 : 4000K	Reflector		



Specifications	
Body	Die-cast aluminum alloy, anti-glare type
Frame	Fine white (Black) paint
Total Weight	1.1kg
Movable Type (up to 30°)	
Use of ceiling plate thickness of 5-25mm	
With power supply unit (AC 220-240V)	
R	Reflector
Remark	For driver size, please contact our sales person

Options & Accessories

Honeycomb Louver

Diffusion Lens

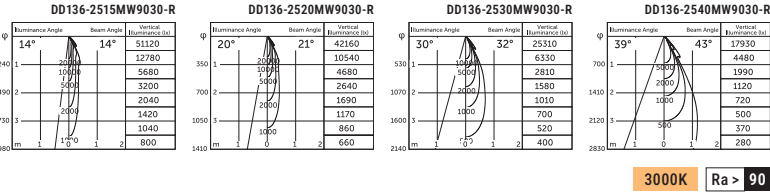
Spread Lens

DY046-XXX

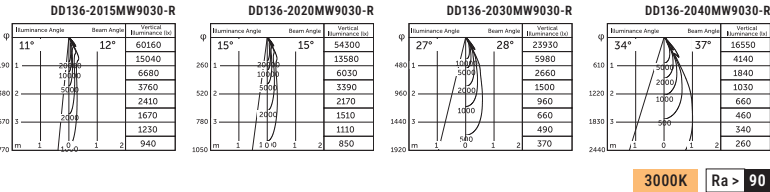
DY044-XXX

DY045-XXX

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT (xx =)			
				27	30	35	40
Lumen Output (Fixture)							
2515 M W 90 [xx] - R	23.0W	14°	Ra > 90	1804	1841	1823	1848
2520 M W 90 [xx] - R		21°		2121	2164	2142	2173
2530 M W 90 [xx] - R		32°		2173	2217	2195	2226
2540 M W 90 [xx] - R		43°		2210	2255	2232	2264



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT (xx =)			
				27	30	35	40
Lumen Output (Fixture)							
2015 M W 90 [xx] - R	20.0W	12°	Ra > 90	1427	1456	1441	1462
2020 M W 90 [xx] - R		15°		1653	1687	1670	1694
2030 M W 90 [xx] - R		28°		1699	1734	1717	1741
2040 M W 90 [xx] - R		37°		1724	1759	1741	1766



Colour

Mirror (MW)

Dark Mirror (DW)

White (WW)

TOVER

Φ100 Reflector Type Adjustable Downlight

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

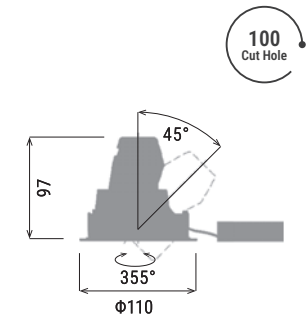
Adjustable

Ra > 90

CE

CCC

DD136 – 1915	W	90	30	–	R
	Body Colour	CRI	CCT		Function
	W : White B : Black	Ra > 90	27 : 2700K 30 : 3000K 35 : 3500K 40 : 4000K		Reflector



Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.7kg
Movable Type	(up to 45°)
Use of ceiling plate thickness of 5-25mm	
With power supply unit (AC 220-240V)	
R	Reflector
Remark	For driver size, please contact our sales person

Options & Accessories

Optical Short Hood

Honeycomb Louver

Diffusion Lens

Spread Lens

DY057-XX

DY046-XXX

DY044-XXX

DY045-XXX

TOVER

Φ100 Reflector Type Adjustable Downlight : Antiglare Type

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

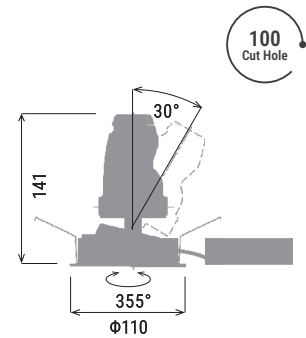
Adjustable

Ra > 90

CE

CCC

DD136 – 1915	M	W	90	30	–	R
	Cone Colour	Trim Colour	CRI	CCT		Function
	M : Mirror D : Dark Mirror W : White	W : White B : Black	Ra > 90	27 : 2700K 30 : 3000K 35 : 3500K 40 : 4000K		Reflector



Specifications	
Body	Die-cast aluminum alloy, anti-glare type
Frame	Fine white (Black) paint
Total Weight	0.7kg
Movable Type	(up to 30°)
Use of ceiling plate thickness of 5-25mm	
With power supply unit (AC 220-240V)	
R	Reflector
Remark	For driver size, please contact our sales person

Options & Accessories

Honeycomb Louver

Diffusion Lens

Spread Lens

DY046-XXX

DY044-XXX

DY045-XXX

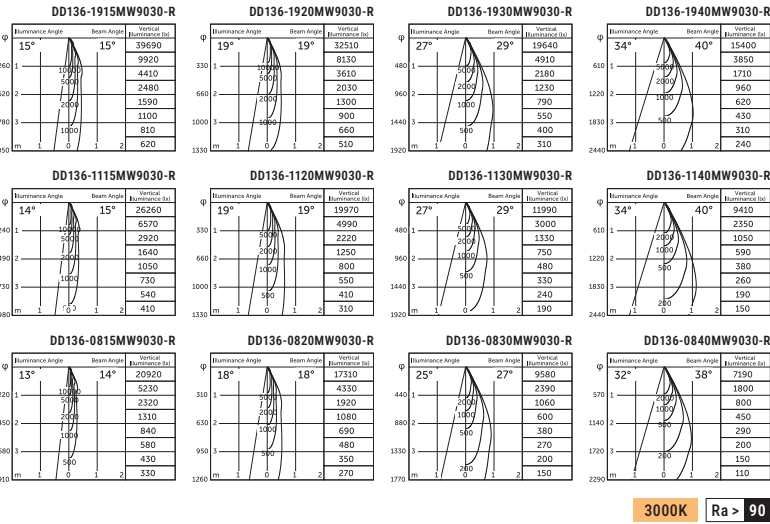
Colour

Mirror (MW)

Dark Mirror (DW)

White (WW)

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT (xx =)			
				27	30	35	40
Lumen Output (Fixture)							
1915 M W 90 [xx] - R	18.6W	15°	Ra > 90	1307	1334	1321	1339
1920 M W 90 [xx] - R		19°		1372	1400	1386	1406
1930 M W 90 [xx] - R		29°		1502	1533	1518	1539
1940 M W 90 [xx] - R		40°		1530	1561	1545	1567
1115 M W 90 [xx] - R	10.5W	15°	Ra > 90	801	817	809	820
1120 M W 90 [xx] - R		19°		843	860	851	863
1130 M W 90 [xx] - R		29°		917	936	927	940
1140 M W 90 [xx] - R		40°		935	954	944	958
0815 M W 90 [xx] - R	7.5W	14°	Ra > 90	565	577	571	579
0820 M W 90 [xx] - R		18°		621	634	627	637
0830 M W 90 [xx] - R		27°		670	684	677	687
0840 M W 90 [xx] - R		38°		680	694	687	697



3000K Ra > 90

3000K Ra > 90

TOVER M S

Reflector Type Track Light : Cylinder Box Type

2700K

3000K

3500K

4000K

Narrow

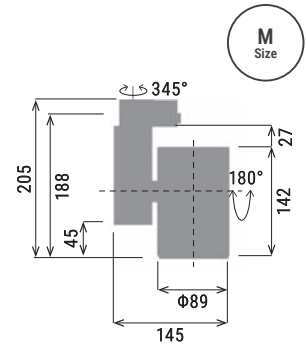
Medium

Flood

Ra > 90

CECCC

Cylinder spotlight with small fixture size and extensive lineup.



Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	1.3kg
Movable Type (Vertical: up to 180°, Horizontal: 345°) Use with track	
With power supply unit (AC 220-240V)	
Cannot use with dimmer	

Options & Accessories



- Optical Hood
- SY015-MW (White)
- SY015-MB (Black)

Ordering Code Example

SD357 – 3315

(UL Track)

W

Body Colour

W : White

B : Black

90

CRI

Ra > 90

30

CCT

27 : 2700K

30 : 3000K

35 : 3500K

40 : 4000K

Colour

M

Size

Black

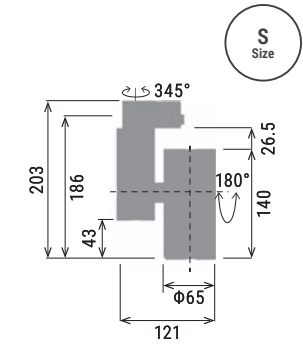
White

S

Size

Black

White



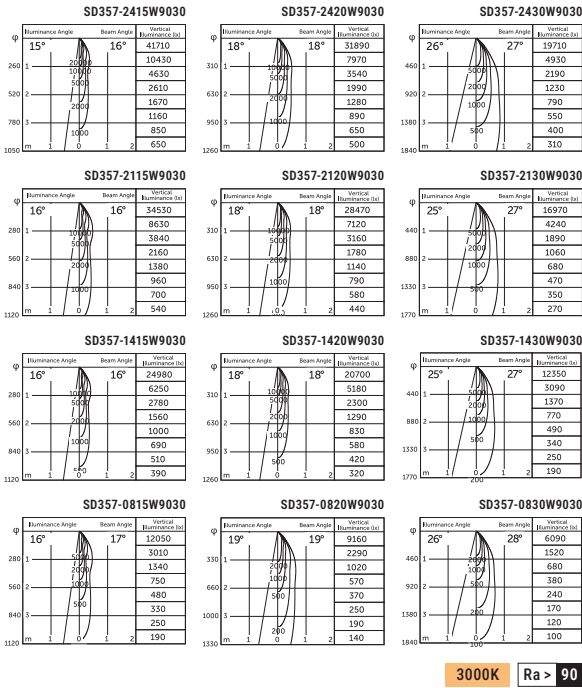
Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.9kg
Movable Type (Vertical: up to 180°, Horizontal: 345°) Use with track	
With power supply unit (AC 220-240V)	
Cannot use with dimmer	

Options & Accessories



- Optical Hood
- SY015-SW (White)
- SY015-SB (Black)

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT (xx =) Lumen Output (Fixture)			
				27	30	35	40
SD357 -							
2415 W 90 [xx]	23.2W	16°	Ra > 90	1568	1633	1666	1682
2420 W 90 [xx]		18°		1528	1592	1624	1640
2430 W 90 [xx]		27°		1502	1565	1596	1612
2115 W 90 [xx]	19.9W	16°	Ra > 90	1398	1456	1485	1500
2120 W 90 [xx]		18°		1363	1420	1448	1463
2130 W 90 [xx]		27°		1340	1396	1424	1438
1415 W 90 [xx]	13.4W	16°	Ra > 90	1011	1053	1074	1085
1420 W 90 [xx]		18°		985	1026	1047	1057
1430 W 90 [xx]		27°		969	1009	1029	1039
0815 W 90 [xx]	7.1W	17°	Ra > 90	519	541	552	557
0820 W 90 [xx]		19°		506	527	538	543
0830 W 90 [xx]		28°		498	519	529	535



3000K Ra > 90



spark

High-Efficiency Downlight Series

	DD138D Φ150 Fixed Downlight (Deep Cone)	P.106
	DD138 Φ150 Fixed Downlight (Normal Cone)	P.108
	DD158L Φ150 Fixed Downlight (Shallow Cone)	P.110
	DD139D Φ125 Fixed Downlight (Deep Cone)	P.112
	DD139 Φ125 Fixed Downlight (Normal Cone)	P.114
	DD140D Φ100 Fixed Downlight (Deep Cone)	P.116

High-Efficiency Downlights with a Diverse Lineup

SPARK is a downlight series built around three basic sizes: $\phi 150$, $\phi 125$, and $\phi 100$. With a high-efficiency design, the lineup ranges from shallow to deep types, enabling flexible selection based on spatial conditions and visual comfort needs. The $\phi 150$ shallow type boasts a high efficacy of 130 lm/W, balancing sufficient brightness with high economic efficiency to support rational lighting plans.

*Waterproof version is available.

3 Cone Depths for Controlled Appearance

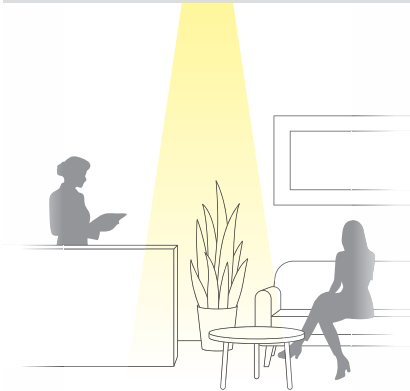
SPARK offers three cone depths—Deep, Normal, and Shallow. This allows selection based on top priorities such as glare control, brightness balance, and efficient ambient lighting, helping to smartly create an ideal visual environment.

Deep Cone : Glare Control



The deep cone design makes the light source less visible, effectively reducing glare in the viewing direction. Even when fixtures easily enter the field of view, it minimizes the light's presence, creating a calm and gentle appearance. It is ideal for spaces where comfort is the top priority.

Example Locations



Areas with frequent sightlines to luminaires

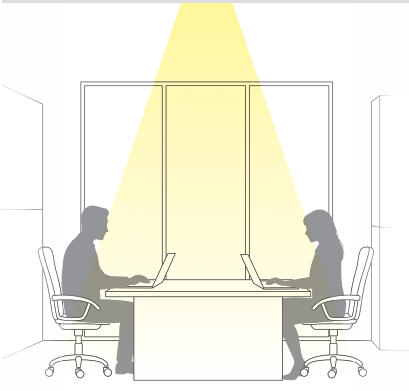
- Reception and waiting areas
- Circulation lines and corridors
- Lounges and seating zones

Normal Cone : Balanced Type



The normal cone is a standard specification that balances a sense of spatial brightness with glare control. It adapts well to a wide range of applications, functioning as a standard for general lighting. With its high versatility, it flexibly accommodates diverse scenes.

Example Locations



Areas needing a stable baseline impression

- Open offices and work areas
- Multipurpose rooms
- Common areas and shared spaces

Shallow Cone : High Efficiency



The shallow cone secures ample brightness for the entire space through a high-efficiency, high-lumen design. By spreading light widely, it creates a uniform sense of brightness across the space. Capturing brightness as a surface, it is ideal for spaces prioritizing a clean and flat appearance.

Example Locations



Areas prioritizing a bright overall impression

- Retail floors and merchandise areas
- Showrooms and display areas



Deep Cone



Normal Cone



Shallow Cone

Cut Hole (mm)	Φ150mm																					
W (W)	20	23	28	41	48.5	20	23	28	41	48.5	20	23	28	36	41	55						
Lm (Average)	2075	2750	3161	4728	6336	2105	2808	3227	4899	6552	2182	2755	3190	4033	4970	6594						
Lm/W (Average)	103.7	119.5	112.9	115.3	130.6	105.2	122.1	115.3	119.5	135.1	109.1	119.8	113.9	112.0	121.2	119.9						
Type	Fixed					Fixed					Fixed											
Beam Angle	 15° 19° 28° 61°					 26° 29° 40°					 19° 47° 75°											
Colour (Cone)	 Mirror					 Dark Mirror					 White					 Mirror					 White	

Cut Hole (mm)	$\phi 125\text{mm}$							
W (W)	14	21	24	28	14	21	24	28
Lm (Average)	1451	2025	2457	2840	1473	2057	2525	2919
Lm/W (Average)	103.6	96.4	102.4	101.4	105.2	98.0	105.2	104.3
Type	Fixed				Fixed			
Beam Angle	 15° 19° 33° 51°				 15° 22° 33° 59°			
Colour (Cone)	 Mirror Dark Mirror White				 Mirror Dark Mirror White			

Cut Hole (mm)	$\phi 100\text{mm}$			
W (W)	7.5	10.5	14	21
Lm (Average)	740	1025	1415	1974
Lm/W (Average)	98.7	97.6	101.1	94.0
Type	Fixed			
Beam Angle	 17° 21° 34° 54°			
Colour (Cone)	 Mirror Dark Mirror White			

spark

Φ150 Fixed Downlight (Deep Cone)

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

Fixed

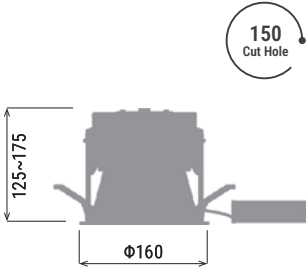
Ra > 90

CE

CCC

High lumen and high efficacy type base downlight for general lighting. We specifically use one diameter across a wide range of power output combined with 3 different beam angles. Thus, it will be suitable to cover most of the interior environment with a unified ceiling style while different effects and functions can be achieved.

*Waterproof version is available.



Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Fixed Type	Non-adjustable
Use of ceiling plate thickness of 5-25mm	
With power supply unit (AC 220-240V)	
Remark	For driver size, please contact our sales person

Height (Weight)	Spot / Medium / Medium flood	Wide flood
48.5W	175 (1.4kg)	
41.0W	155 (1.1kg)	
28.0W	136 (0.9kg)	125 (0.9kg)
23.0W	136 (0.9kg)	125 (0.9kg)
20.0W	136 (0.9kg)	125 (0.9kg)

Options & Accessories



- Housing
- DY023-W (White)
- DY023-B (Black)

Ordering Code Example

DD138 – 5020

M

W

90

30

D

Cone Colour

Trim Colour

CRI

CCT

Function

M : Mirror

D : Dark Mirror

W : White

W : White

B : Black

Ra > 90

27 : 2700K

30 : 3000K

35 : 3500K

40 : 4000K

Deep reflector

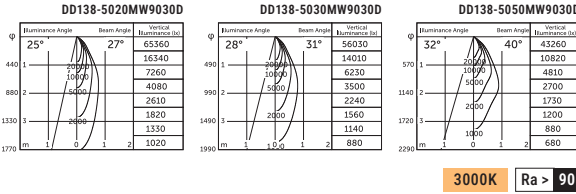
Colour

Mirror (MW)

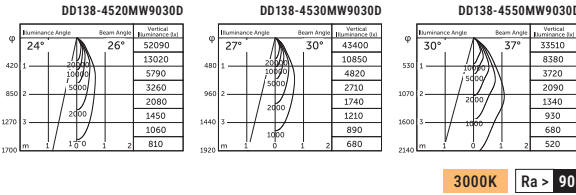
Dark Mirror (DW)

White (WW)

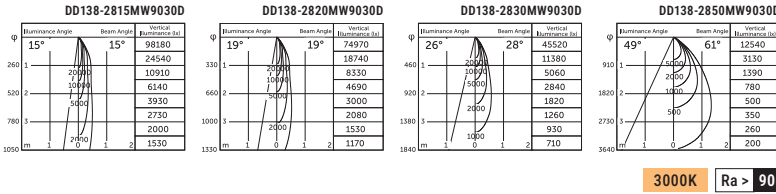
Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
5020 M W 90 [xx] D	48.5W	27°	Ra > 90	6026	6149	6088	6174
5030 M W 90 [xx] D		31°		6044	6167	6105	6192
5050 M W 90 [xx] D		40°		6558	6692	6625	6719



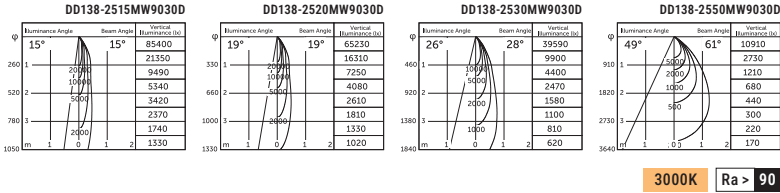
Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
4520 M W 90 [xx] D	41.0W	26°	Ra > 90	4497	4589	4543	4607
4530 M W 90 [xx] D		30°		4518	4610	4564	4628
4550 M W 90 [xx] D		37°		4885	4985	4935	5005



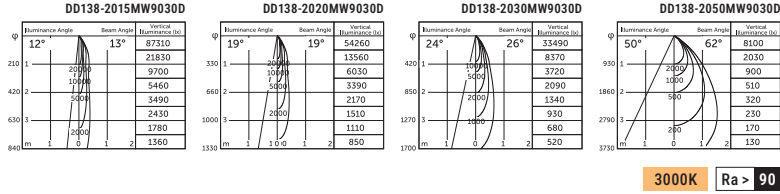
Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
2815 M W 90 [xx] D	28.0W	15°	Ra > 90	3095	3158	3126	3171
2820 M W 90 [xx] D		19°		3122	3186	3154	3199
2830 M W 90 [xx] D		28°		3125	3189	3157	3202
2850 M W 90 [xx] D		61°		3047	3109	3078	3121



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
2515 M W 90 [xx] D	23.0W	15°	Ra > 90	2692	2747	2720	2758
2520 M W 90 [xx] D		19°		2717	2772	2744	2783
2530 M W 90 [xx] D		28°		2719	2774	2747	2785
2550 M W 90 [xx] D		61°		2651	2705	2678	2716



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
2015 M W 90 [xx] D	20.0W	13°	Ra > 90	2046	2088	2067	2096
2020 M W 90 [xx] D		19°		2046	2088	2067	2096
2030 M W 90 [xx] D		26°		2044	2086	2065	2094
2050 M W 90 [xx] D		62°		1995	2036	2016	2044



spark

Φ150 Fixed Downlight (Normal Cone)

2700K

3000K

3500K

4000K

Medium

Flood

Wide Flood

Fixed

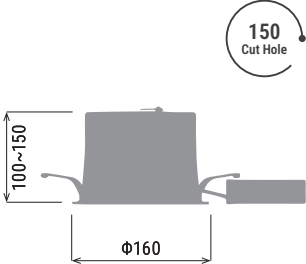
Ra > 90

CE

CCC

High lumen and high efficacy type base downlight for general lighting. We specifically use one diameter across a wide range of power output combined with 3 different beam angles. Thus, it will be suitable to cover most of the interior environment with a unified ceiling style while different effects and functions can be achieved.

*Waterproof version is available.



Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Fixed Type	Non-adjustable
Use of ceiling plate thickness of 5-25mm	
With power supply unit (AC 220-240V)	
Remark	For driver size, please contact our sales person

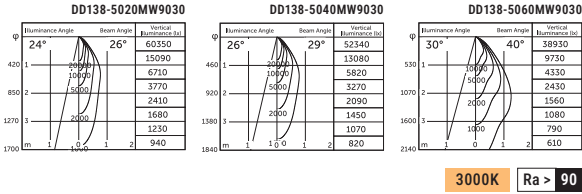
Height (Weight)	
48.5W	150 (1.4kg)
41.0W	130 (1.2kg)
28.0W	100 (1.0kg)
23.0W	100 (1.0kg)
20.0W	100 (1.0kg)

Options & Accessories

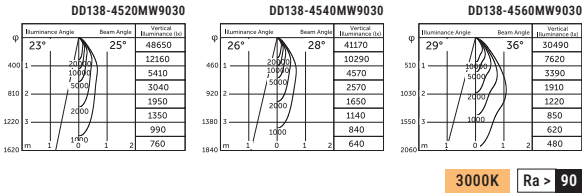


- Housing
- DY023-W (White)
 - DY023-B (Black)

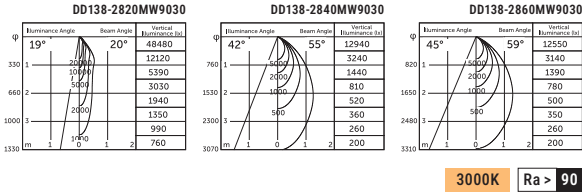
Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
5020 M W 90 [xx]	48.5W	26°	Ra > 90	6268	6396	6332	6422
5040 M W 90 [xx]		29°		6249	6377	6313	6403
5060 M W 90 [xx]		40°		6745	6883	6814	6911



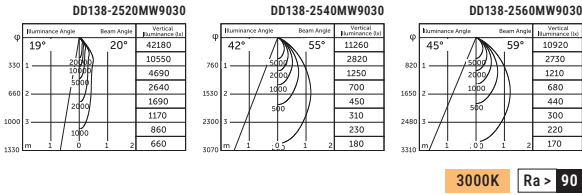
Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
4520 M W 90 [xx]	41.0W	25°	Ra > 90	4692	4788	4740	4807
4540 M W 90 [xx]		28°		4682	4778	4730	4797
4560 M W 90 [xx]		36°		5029	5132	5081	5153



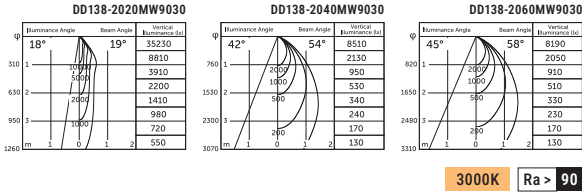
Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
2820 M W 90 [xx]	28.0W	20°	Ra > 90	3242	3308	3275	3321
2840 M W 90 [xx]		55°		3038	3100	3069	3112
2860 M W 90 [xx]		59°		3209	3274	3241	3287



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
2520 M W 90 [xx]	23.0W	20°	Ra > 90	2820	2878	2849	2890
2540 M W 90 [xx]		55°		2643	2697	2670	2708
2560 M W 90 [xx]		59°		2791	2848	2820	2859



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
2020 M W 90 [xx]	20.0W	19°	Ra > 90	2114	2157	2135	2166
2040 M W 90 [xx]		54°		1985	2026	2006	2034
2060 M W 90 [xx]		58°		2088	2131	2110	2140



Ordering Code Example

DD138 – 5020

M

Cone Colour

M : Mirror

D : Dark Mirror

W : White

W

Trim Colour

W : White

B : Black

90

CRI

Ra > 90

30

CCT

27 : 2700K

30 : 3000K

35 : 3500K

40 : 4000K

Colour

Mirror (MW)

Dark Mirror (DW)

White (WW)

spark

Φ150 Fixed Downlight (Shallow Cone)

2700K

3000K

3500K

4000K

Medium

Flood

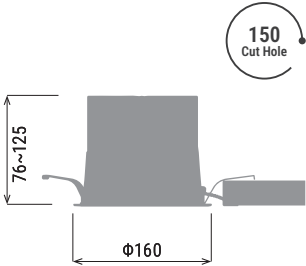
Wide Flood

Fixed

Ra > 90

CE

High lumen and high efficacy type base downlight for general lighting. We specifically use one diameter across a wide range of power output combined with 3 different beam angles. Thus, it will be suitable to cover most of the interior environment with a unified ceiling style while different effects and functions can be achieved.



Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Fixed Type	Non-adjustable
Use of ceiling plate thickness of 5-25mm	
With power supply unit (AC 220-240V)	
Remark	For driver size, please contact our sales person

Height (Weight)	
48.5W	125 (1.33kg)
41.0W	106 (1.1kg)
28.0W	106 (1.1kg)
23.0W	76 (0.9kg)
20.0W	76 (0.9kg)

Options & Accessories



- Housing
- DY023-W (White)
- DY023-B (Black)

Ordering Code Example

DD158 – 5520

M

W

90

30

L

Cone Colour

Trim Colour

CRI

CCT

Function

W : White
M : Mirror

W : White
B : Black

Ra > 90

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

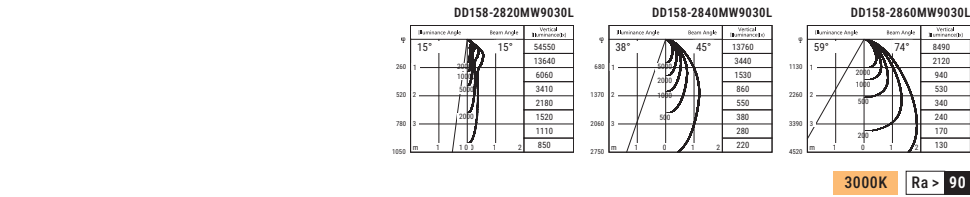
Shallow reflector

Colour

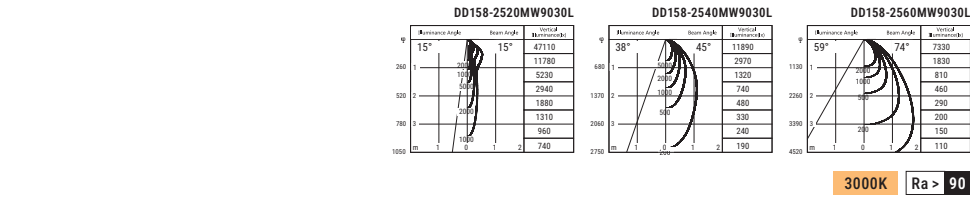
Mirror (MW)

White (WW)

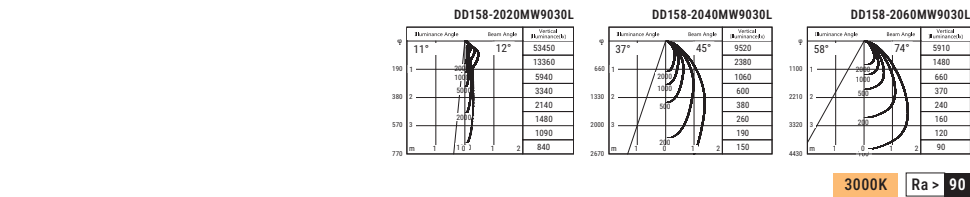
Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
2820 M W 90 [xx] L		15°		3243	3309	3276	3322
2840 M W 90 [xx] L	28.0W	45°	Ra > 90	2980	3041	3011	3053
2860 M W 90 [xx] L		74°		3155	3219	3187	3232



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
2520 M W 90 [xx] L		15°		2801	2858	2829	2869
2540 M W 90 [xx] L	23.0W	45°	Ra > 90	2573	2626	2600	2637
2560 M W 90 [xx] L		74°		2724	2780	2752	2791



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
2020 M W 90 [xx] L		12°		2217	2262	2239	2271
2040 M W 90 [xx] L	20.0W	45°	Ra > 90	2042	2084	2063	2092
2060 M W 90 [xx] L		74°		2157	2201	2179	2210



spark

Φ125 Fixed Downlight (Deep Cone)

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

Fixed

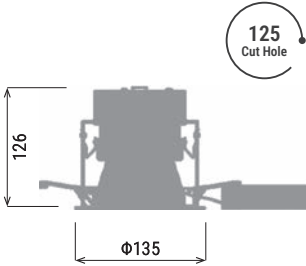
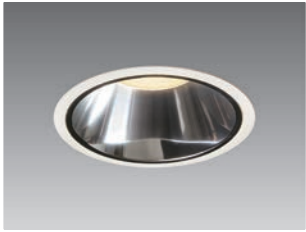
Ra > 90

CE

CCC

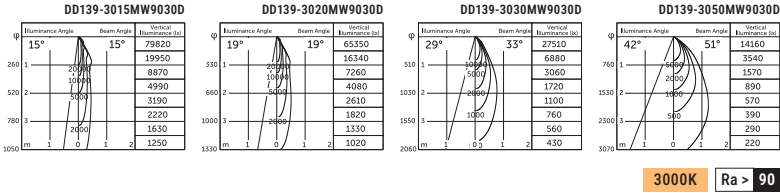
We specifically use one diameter across a wide range of power output combined with different beam angles. Thus, it can cover most of the interior environment with a unified ceiling style while different effects and functions can be achieved.

*Waterproof version is available.



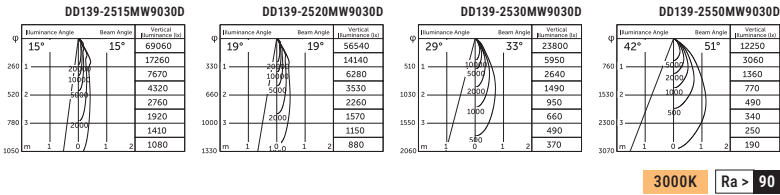
Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.8kg
Fixed Type	Non-adjustable
Use of ceiling plate thickness of 5-25mm	
With power supply unit (AC 220-240V)	
Remark	For driver size, please contact our sales person

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
3015 M W 90 [xx] D	28.0W	15°	Ra > 90	2704	2759	2731	2770
3020 M W 90 [xx] D		19°		2944	3004	2974	3016
3030 M W 90 [xx] D		33°		2753	2809	2781	2820
3050 M W 90 [xx] D		51°		2733	2789	2761	2800



3000K Ra > 90

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
2515 M W 90 [xx] D	24.0W	15°	Ra > 90	2339	2387	2363	2397
2520 M W 90 [xx] D		19°		2547	2599	2573	2609
2530 M W 90 [xx] D		33°		2381	2430	2406	2440
2550 M W 90 [xx] D		51°		2365	2413	2389	2423



3000K Ra > 90

Ordering Code Example

DD139 – 3015

M

W

90

30

D

Cone Colour

Trim Colour

CRI

CCT

Function

M : Mirror

D : Dark Mirror

W : White

W : White

B : Black

Ra > 90

27 : 2700K

30 : 3000K

35 : 3500K

40 : 4000K

Deep reflector

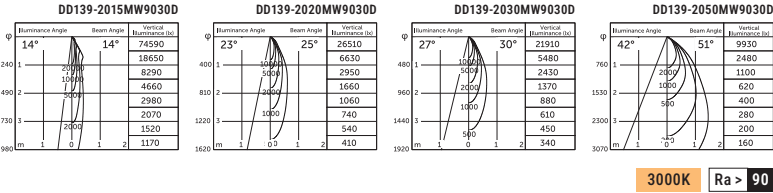
Colour

Mirror (MW)

Dark Mirror (DW)

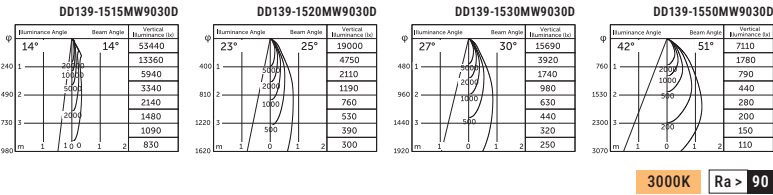
White (WW)

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
2015 M W 90 [xx] D	21.0W	14°	Ra > 90	2094	2137	2116	2146
2020 M W 90 [xx] D		25°		1963	2003	1983	2011
2030 M W 90 [xx] D		30°		1979	2019	1999	2027
2050 M W 90 [xx] D		51°		1901	1940	1921	1948



3000K Ra > 90

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
1515 M W 90 [xx] D	14.0W	14°	Ra > 90	1500	1531	1516	1537
1520 M W 90 [xx] D		25°		1406	1435	1421	1441
1530 M W 90 [xx] D		30°		1417	1446	1432	1452
1550 M W 90 [xx] D		51°		1362	1390	1376	1396



3000K Ra > 90

spark

Φ125 Fixed Downlight (Normal Cone)

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

Fixed

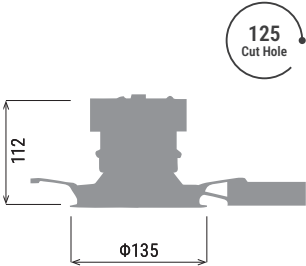
Ra > 90

CE

CCC

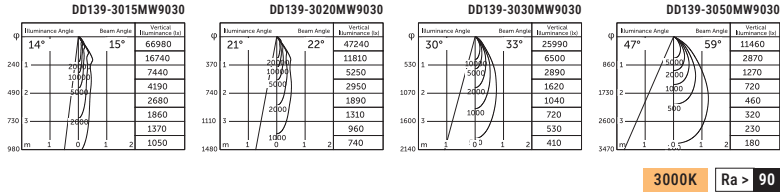
We specifically use one diameter across a wide range of power output combined with different beam angles. Thus, it can cover most of the interior environment with a unified ceiling style while different effects and functions can be achieved.

*Waterproof version is available.

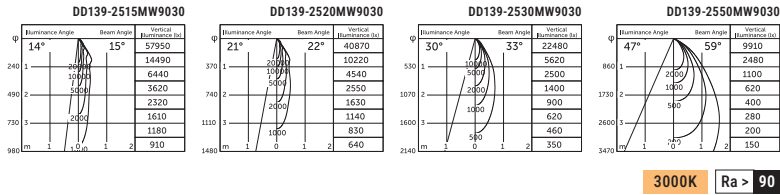


Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.8kg
Fixed Type	Non-adjustable
Use of ceiling plate thickness of 5-25mm	
With power supply unit (AC 220-240V)	
Remark	For driver size, please contact our sales person

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
DD139 -				27	30	35	40
Lumen Output (Fixture)							
3015 M W 90 [xx]	28.0W	15°	Ra > 90	2821	2879	2850	2891
3020 M W 90 [xx]		22°		3009	3070	3039	3082
3030 M W 90 [xx]		33°		2829	2887	2858	2899
3050 M W 90 [xx]		59°		2781	2838	2810	2849



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
DD139 -				27	30	35	40
Lumen Output (Fixture)							
2515 M W 90 [xx]	24.0W	15°	Ra > 90	2441	2491	2466	2501
2520 M W 90 [xx]		22°		2603	2656	2629	2667
2530 M W 90 [xx]		33°		2447	2497	2472	2507
2550 M W 90 [xx]		59°		2406	2455	2430	2465



Ordering Code Example

DD139 – 3015

M

W

90

30

Cone Colour

Trim Colour

CRI

CCT

M : Mirror
D : Dark Mirror
W : White

W : White
B : Black

Ra > 90

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

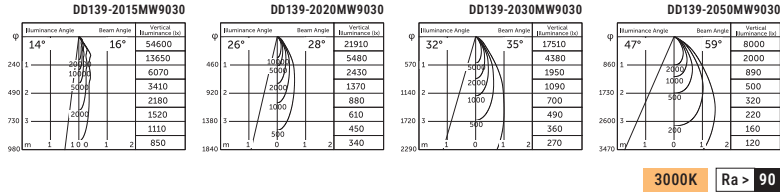
Colour

Mirror (MW)

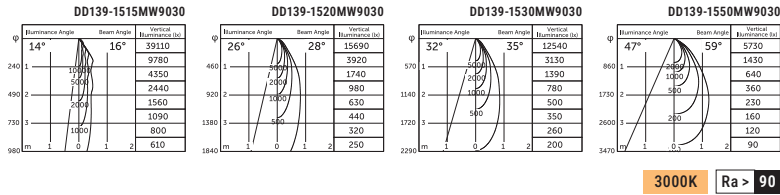
Dark Mirror (DW)

White (WW)

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
DD139 -				27	30	35	40
Lumen Output (Fixture)							
2015 M W 90 [xx]	21.0W	16°	Ra > 90	2129	2172	2150	2181
2020 M W 90 [xx]		28°		1996	2037	2017	2045
2030 M W 90 [xx]		35°		2003	2044	2024	2052
2050 M W 90 [xx]		59°		1934	1973	1953	1981



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
DD139 -				27	30	35	40
Lumen Output (Fixture)							
1515 M W 90 [xx]	14.0W	16°	Ra > 90	1525	1556	1540	1562
1520 M W 90 [xx]		28°		1430	1459	1444	1465
1530 M W 90 [xx]		35°		1435	1464	1449	1470
1550 M W 90 [xx]		59°		1385	1413	1399	1419



spark

Φ100 Fixed Downlight (Deep Cone)

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

Fixed

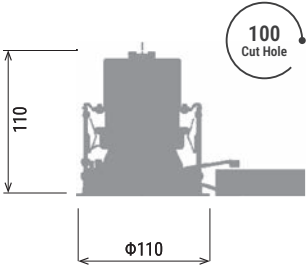
Ra > 90

CE

CCC

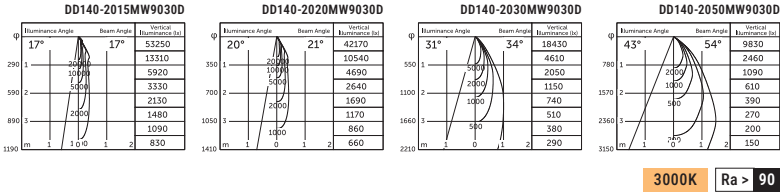
We specifically use one diameter across a wide range of power output combined with different beam angles. Thus, it can cover most of the interior environment with a unified ceiling style while different effects and functions can be achieved.

*Waterproof version is available.



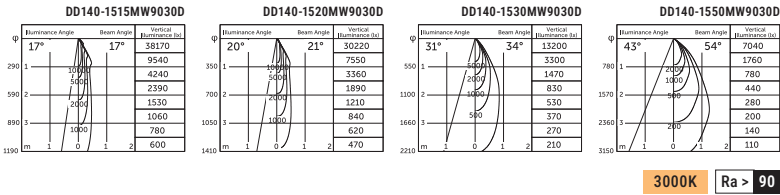
Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.6kg
Fixed Type	Non-adjustable
Use of ceiling plate thickness of 5-25mm	
With power supply unit (AC 220-240V)	
Remark	For driver size, please contact our sales person

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
2015 M W 90 [xx] D	21.0W	17°	Ra > 90	1947	1987	1967	1995
2020 M W 90 [xx] D		21°		2033	2074	2053	2082
2030 M W 90 [xx] D		34°		1900	1939	1920	1947
2050 M W 90 [xx] D		54°		1859	1897	1878	1905



3000K Ra > 90

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
1515 M W 90 [xx] D	14.0W	17°	Ra > 90	1396	1424	1410	1430
1520 M W 90 [xx] D		21°		1456	1486	1471	1492
1530 M W 90 [xx] D		34°		1361	1389	1375	1395
1550 M W 90 [xx] D		54°		1332	1359	1345	1364



3000K Ra > 90

Ordering Code Example

DD140 – 2015

M

W

90

30

D

Cone Colour

Trim Colour

CRI

CCT

Function

M : Mirror

D : Dark Mirror

W : White

W : White

B : Black

Ra > 90

27 : 2700K

30 : 3000K

35 : 3500K

40 : 4000K

Deep reflector

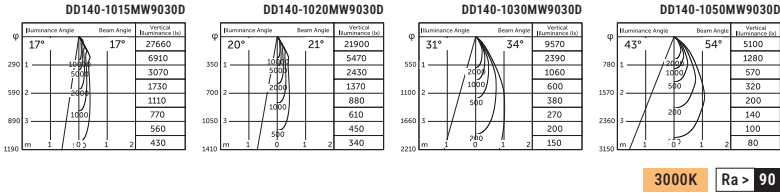
Colour

Mirror (MW)

Dark Mirror (DW)

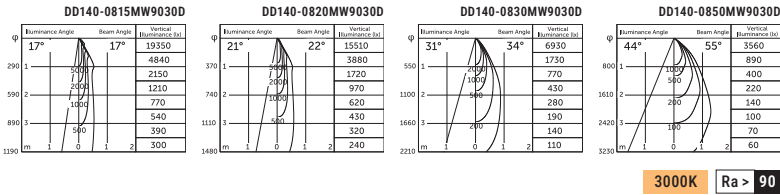
White (WW)

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
1015 M W 90 [xx] D	10.5W	17°	Ra > 90	1011	1032	1022	1036
1020 M W 90 [xx] D		21°		1055	1077	1066	1081
1030 M W 90 [xx] D		34°		987	1007	997	1011
1050 M W 90 [xx] D		54°		965	985	975	989



3000K Ra > 90

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
0815 M W 90 [xx] D	7.5W	17°	Ra > 90	725	740	733	743
0820 M W 90 [xx] D		22°		762	778	770	781
0830 M W 90 [xx] D		34°		719	734	727	737
0850 M W 90 [xx] D		55°		695	709	702	712



3000K Ra > 90



MAGNUM

High-Power Lighting Series



SD380

High-Efficiency Track Light

P.122



DD150

Φ125 Adjustable Downlight

P.124



DD149

Φ125 Fixed Downlight

P.126



CD021

Ceiling Downlight

P.127



SD346

SD347

Flood Square Type Track Light

P.128

High-Power Lineup

Optimized for Tall Ceilings and High-Illuminance Spaces

The MAGNUM series is developed for spaces demanding high-power light, such as tall ceilings and high-illuminance environments. From precise focus illumination to broad wall coverage, the overwhelming light output supports diverse space creation, shaping your ideal presentation.

Track-Mounted Spotlight

From focused accents that dramatically highlight targets and wall surfaces to base lighting that gently envelops the space, this single fixture offers versatile performance.



Base Downlight / Universal Downlight

MAGNUM downlights deliver high-power light while keeping a clean ceiling appearance. Beyond serving as base lighting to brightly fill the space, universal types enable targeted aiming exactly where needed. They offer high adaptability to flexibly respond to layout changes.



Adjustable



Fixed



Ceiling

Flood Square Track Light

In scenes emphasizing wide surfaces, the square flood distribution achieves a uniform spread of brightness. It effectively illuminates wide-ranging product displays.



Track Light

	CCT				CRI (Ra)	
	2700K	3000K	3500K	4000K	Ra >	90
W (W)	20	23	28	36	41	46.3
Lm (Average)	2308	2957	3322	4053	4419	5620
Lm/W (Average)	115.4	128.6	118.6	112.6	107.8	121.4
Beam Angle						
Colour						
	WhiteBlack					



Flood Square Track Light

	CCT		CRI (Ra)	
	2700K	3000K	Ra >	90
W (W)	36	40		
Lm (Average)	2788	3234		
Lm/W (Average)	77.4	80.8		
Beam Angle				
Colour				
	WhiteBlack			



Adjustable Downlight

	CCT				CRI (Ra)	
	2700K	3000K	3500K	4000K	Ra >	90
Cut Hole (mm)	Φ125mm					
W (W)	20	23	28	36	41	
Lm (Average)	2308	2957	3322	4053	4419	
Lm/W (Average)	115.4	128.6	118.6	112.6	107.8	
Beam Angle						
Colour (Trim)						
	WhiteBlack					



Fixed Downlight

	CCT				CRI (Ra)	
	2700K	3000K	3500K	4000K	Ra >	90
Cut Hole (mm)	Φ125mm					
W (W)	23	28	32	41	48.5	
Lm (Average)	2645	3026	3422	4292	5503	
Lm/W (Average)	115.0	108.1	106.9	104.7	113.5	
Beam Angle						
Colour (Trim)						
	WhiteBlack					



Ceiling Downlight

	CCT				CRI (Ra)	
	2700K	3000K	3500K	4000K	Ra >	90
Size (mm)	Φ141mm					
W (W)	24	28	36	41		
Lm (Average)	2780	3219	4070	4806		
Lm/W (Average)	115.8	114.9	113.0	117.2		
Beam Angle						
Colour						
	WhiteBlack					

Complete Lighting Solutions with Powerful Performance

The MAGNUM series delivers high-performance illumination through a combination of powerful light output and refined optical control. Supporting beam angles from 15° to 95°, lumen outputs up to 5,620 lm, and Ra90 colour rendering, it offers the flexibility to create both sharply defined accents and uniform ambient lighting with exceptional visual quality.

MAGNUM

High-Efficiency Track Light

2700K

3000K

3500K

4000K

Narrow

Medium

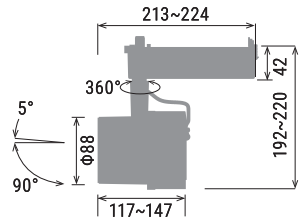
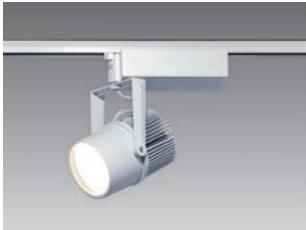
Flood

Wide Flood

Ra > 90

CECCC

High lumen efficacy type. Our high power compact.
It can be used not only as general light, but also purposed light.



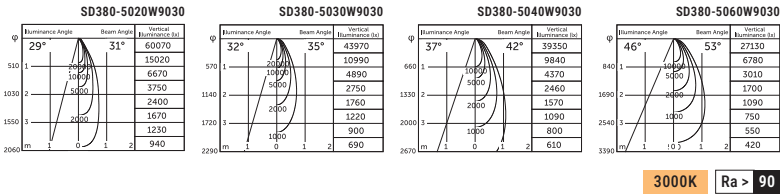
Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.9kg

Movable Type (Vertical: up to 180°, Horizontal: 360°) Use with track

With power supply unit (AC 220-240V)

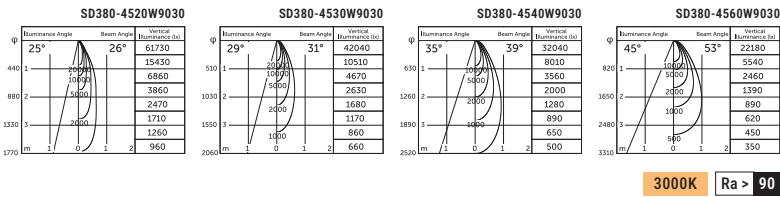
Head Size (Weight)	
46.3W	147 (1.2kg)
41.0W	147 (1.2kg)
36.0W	117 (1.0kg)
28.0W	117 (1.0kg)
23.0W	117 (1.0kg)
20.0W	117 (1.0kg)

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
SD380 -	46.3W	31°	Ra > 90	27	30	35	40
				Lumen Output (Fixture)			
				5209	5315	5262	5336
				5167	5272	5219	5293
				5815	5934	5875	5958
5020 W 90 [xx]		31°		5209	5315	5262	5336
5030 W 90 [xx]		35°		5167	5272	5219	5293
5040 W 90 [xx]		42°		5815	5934	5875	5958
5060 W 90 [xx]		53°		5983	6105	6044	6129



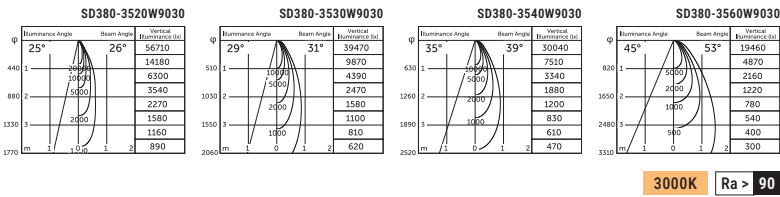
3000K Ra > 90

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
SD380 -	41.0W	26°	Ra > 90	27	30	35	40
				Lumen Output (Fixture)			
				4266	4353	4309	4370
				4247	4334	4291	4351
				4239	4326	4283	4343
4520 W 90 [xx]		26°		4266	4353	4309	4370
4530 W 90 [xx]		31°		4247	4334	4291	4351
4540 W 90 [xx]		39°		4239	4326	4283	4343
4560 W 90 [xx]		53°		4683	4779	4731	4798



3000K Ra > 90

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
SD380 -	36.0W	26°	Ra > 90	27	30	35	40
				Lumen Output (Fixture)			
				3919	3999	3959	4015
				3988	4069	4028	4085
				3975	4056	4015	4072
3520 W 90 [xx]		26°		3919	3999	3959	4015
3530 W 90 [xx]		31°		3988	4069	4028	4085
3540 W 90 [xx]		39°		3975	4056	4015	4072
3560 W 90 [xx]		53°		4110	4194	4152	4211



3000K Ra > 90

Ordering Code Example

SD380 – 5020
(UL Track)

W

Body Colour
W : White
B : Black

90

CRI
Ra > 90

30

CCT
27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

SD080 – 5020
(Japanese Track)

Colour

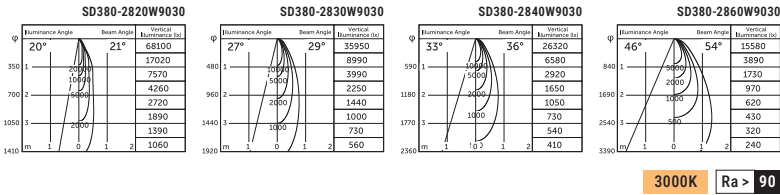


Black



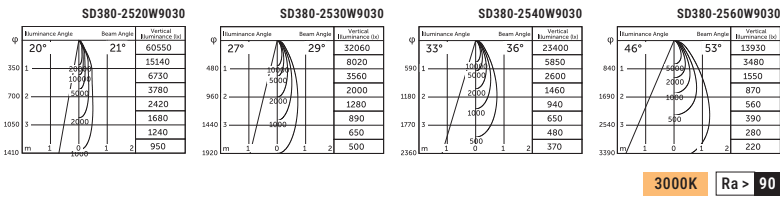
White

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
SD380 -	28.0W	21°	Ra > 90	27	30	35	40
				Lumen Output (Fixture)			
				3212	3278	3245	3291
				3267	3334	3301	3347
				3258	3324	3291	3337
2820 W 90 [xx]		21°		3212	3278	3245	3291
2830 W 90 [xx]		29°		3267	3334	3301	3347
2840 W 90 [xx]		36°		3258	3324	3291	3337
2860 W 90 [xx]		54°		3368	3437	3403	3451



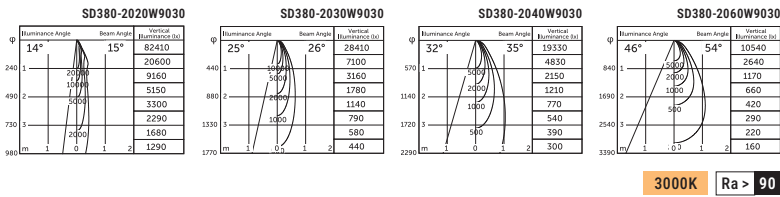
3000K Ra > 90

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
SD380 -	23.0W	21°	Ra > 90	27	30	35	40
				Lumen Output (Fixture)			
				2859	2917	2888	2929
				2909	2968	2938	2980
				2900	2959	2929	2971
2520 W 90 [xx]		21°		2859	2917	2888	2929
2530 W 90 [xx]		29°		2909	2968	2938	2980
2540 W 90 [xx]		36°		2900	2959	2929	2971
2560 W 90 [xx]		53°		3000	3061	3030	3073



3000K Ra > 90

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
SD380 -	20.0W	15°	Ra > 90	27	30	35	40
				Lumen Output (Fixture)			
				2246	2292	2269	2301
				2298	2345	2322	2354
				2272	2318	2295	2327
2020 W 90 [xx]		15°		2246	2292	2269	2301
2030 W 90 [xx]		26°		2298	2345	2322	2354
2040 W 90 [xx]		35°		2272	2318	2295	2327
2060 W 90 [xx]		54°		2292	2339	2316	2348



3000K Ra > 90

MAGNUM

Φ125 Adjustable Downlight

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

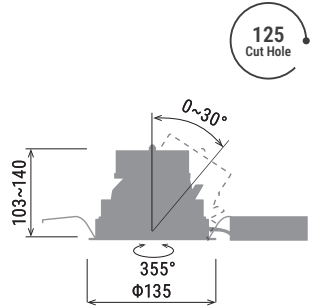
Adjustable

Ra > 90

CE

CCC

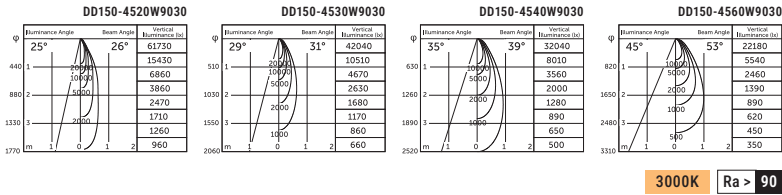
High lumen efficacy type. Adjustable base downlight which fits for different lighting usage. Various power and type of reflector are ready for corresponding space. Other than the wide angle type, optical reflector is used to provide medium and narrow angle.



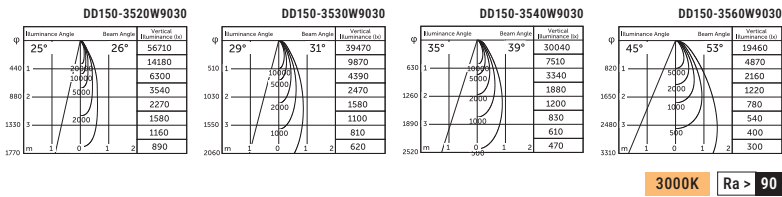
Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Movable Type (Vertical: up to 90°, Horizontal: 355°)	
Use of ceiling plate thickness of 5-25mm	
With power supply unit (AC 220-240V)	
Remark	For driver size, please contact our sales person

Height (Weight)	
41.0W	140 (1.1kg)
36.0W	121 (1.0kg)
28.0W	103 (0.9kg)
23.0W	103 (0.9kg)
20.0W	103 (0.9kg)

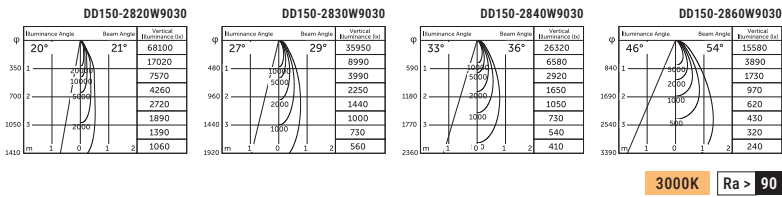
Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
				Lumen Output (Fixture)			
4520 W 90 [xx]	41.0W	26°	Ra > 90	4266	4353	4309	4370
4530 W 90 [xx]		31°		4247	4334	4291	4351
4540 W 90 [xx]		39°		4239	4326	4283	4343
4560 W 90 [xx]		53°		4683	4779	4731	4798



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
				Lumen Output (Fixture)			
3520 W 90 [xx]	36.0W	26°	Ra > 90	3919	3999	3959	4015
3530 W 90 [xx]		31°		3988	4069	4028	4085
3540 W 90 [xx]		39°		3975	4056	4015	4072
3560 W 90 [xx]		53°		4110	4194	4152	4211



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
				Lumen Output (Fixture)			
2820 W 90 [xx]	28.0W	21°	Ra > 90	3212	3278	3245	3291
2830 W 90 [xx]		29°		3267	3334	3301	3347
2840 W 90 [xx]		36°		3258	3324	3291	3337
2860 W 90 [xx]		54°		3368	3437	3403	3451



Ordering Code Example

DD150 – 4520

W

Trim Colour

W : White

B : Black

90

CRI

Ra > 90

30

CCT

27 : 2700K

30 : 3000K

35 : 3500K

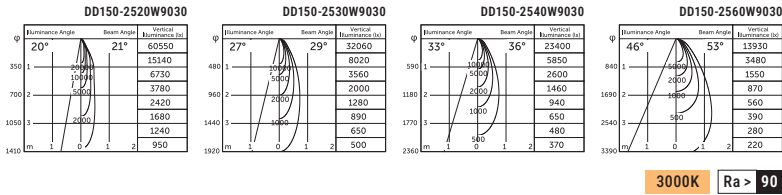
40 : 4000K

Colour

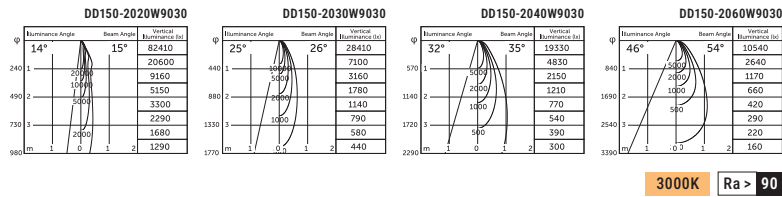
Black

White

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
				Lumen Output (Fixture)			
2520 W 90 [xx]	23.0W	21°	Ra > 90	2859	2917	2888	2929
2530 W 90 [xx]		29°		2909	2968	2938	2980
2540 W 90 [xx]		36°		2900	2959	2929	2971
2560 W 90 [xx]		53°		3000	3061	3030	3073

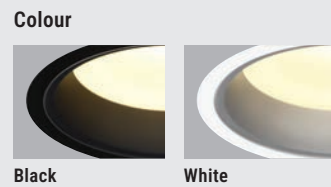
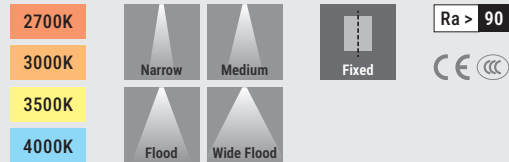


Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
				Lumen Output (Fixture)			
2020 W 90 [xx]	20.0W	15°	Ra > 90	2246	2292	2269	2301
2030 W 90 [xx]		26°		2298	2345	2322	2354
2040 W 90 [xx]		35°		2272	2318	2295	2327
2060 W 90 [xx]		54°		2292	2339	2316	2348



MAGNUM

Φ125 Fixed Downlight



DD149 – 5040

W

90

30

Trim Colour

W : White

B : Black

CRI

Ra > 90

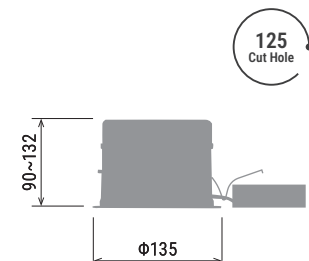
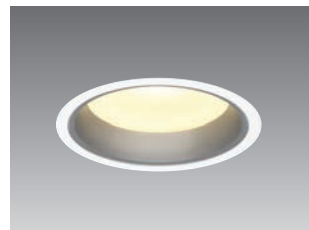
CCT

27 : 2700K

30 : 3000K

35 : 3500K

40 : 4000K



Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Fixed Type	Non-adjustable
Use of ceiling plate thickness of 5-25mm	
With power supply unit (AC 220-240V)	
Remark	For driver size, please contact our sales person

Height (Weight)	
48.5W	132 (1.3kg)
41.0W	108 (1.1kg)
32.0W	90 (1.0kg)
28.0W	90 (1.0kg)
23.0W	90 (1.0kg)

Options & Accessories



Housing

DY062-XXX

MAGNUM

Ceiling Downlight



CD021 – 4025

M

W

90

30

Cone Colour

M : Mirror

Trim Colour

W : White

B : Black

CRI

Ra > 90

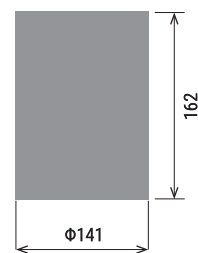
CCT

27 : 2700K

30 : 3000K

35 : 3500K

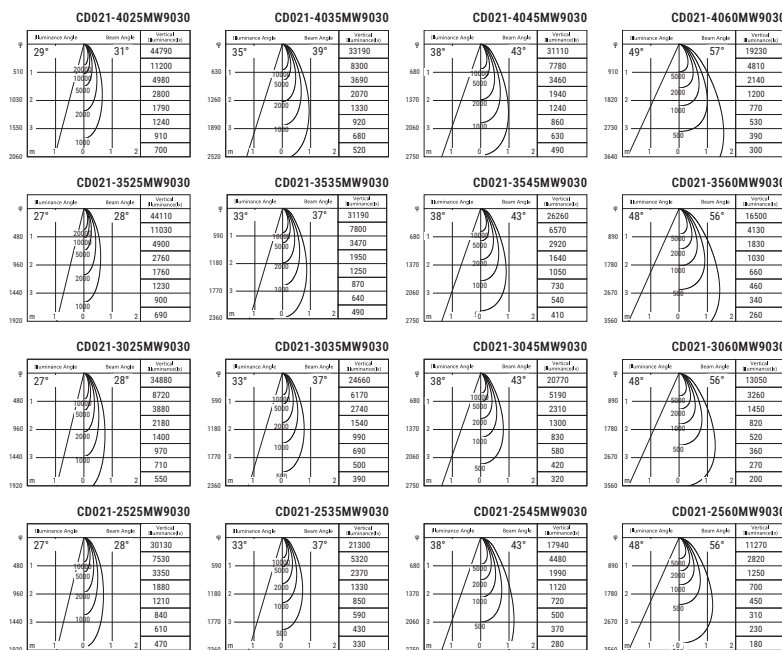
40 : 4000K



Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Fixed Type	Non-adjustable
With power supply unit (AC 220-240V)	

Height (Weight)	
41.0W	162 (1.5kg)
36.0W	162 (1.5kg)
28.0W	162 (1.4kg)
24.0W	162 (1.4kg)

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT (xx =)			
				27	30	35	40
Lumen Output (Fixture)							
4025 M W 90 xx	41.0W	31°	Ra > 90	4702	4798	4750	4817
4035 M W 90 xx		39°		4644	4739	4692	4758
4045 M W 90 xx		43°		4763	4860	4811	4879
4060 M W 90 xx		57°		4729	4826	4778	4845
3525 M W 90 xx	36.0W	28°	Ra > 90	4043	4126	4085	4143
3535 M W 90 xx		37°		3988	4069	4028	4085
3545 M W 90 xx		43°		3997	4079	4038	4095
3560 M W 90 xx		56°		3925	4005	3965	4021
3025 M W 90 xx	28.0W	28°	Ra > 90	3198	3263	3230	3276
3035 M W 90 xx		37°		3154	3218	3186	3231
3045 M W 90 xx		43°		3161	3226	3194	3239
3060 M W 90 xx		56°		3104	3167	3135	3180
2525 M W 90 xx	24.0W	28°	Ra > 90	2762	2818	2790	2829
2535 M W 90 xx		37°		2723	2779	2751	2790
2545 M W 90 xx		43°		2730	2786	2758	2797
2560 M W 90 xx		56°		2680	2735	2708	2746



3000K Ra > 90

MAGNUM

Flood Square Type Track Light

2700K

3000K

3500K

4000K



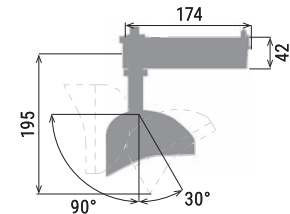
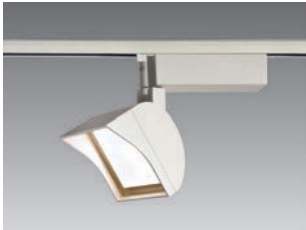
Wide Flood

Ra > 90

CE

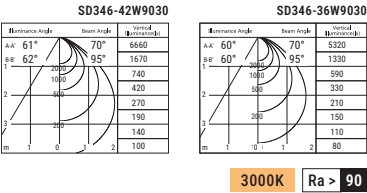
CCC

Magnum series is high power flood lighting.
It can be used as not only general light, but also purposed light.



Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	1.2kg
Movable Type (Vertical: up to 120°) Use with track	
With power supply unit (AC 220-240V)	
Cannot use with dimmer	

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
SD346 -	40.0W	70° / 95°	Ra > 90	27	30	35	40
				Lumen Output (Fixture)			
42 W 90 [XX]	40.0W	70° / 95°	Ra > 90	3270	3406	3474	3508
36 W 90 [XX]	36.0W	70° / 95°	Ra > 90	2647	2758	2813	2840



Colour



Black

White

Ordering Code Example

SD346 – 42
(UL Track)

W

90

30

Body Colour
W : White
B : Black

CRI
Ra > 90

CCT
27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

SD046 – 42
(Japanese Track)

SD347 – 42
(UL Track)

W

90

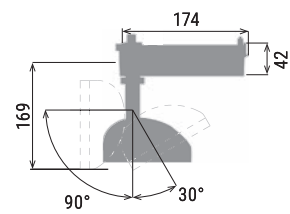
30

Body Colour
W : White
B : Black

CRI
Ra > 90

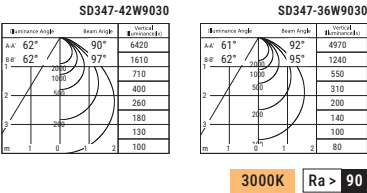
CCT
27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

SD047 – 42
(Japanese Track)



Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	1.1kg
Movable Type (Vertical: up to 120°) Use with track	
With power supply unit (AC 220-240V)	
Cannot use with dimmer	

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
SD347 -	40.0W	90° / 97°	Ra > 90	27	30	35	40
				Lumen Output (Fixture)			
42 W 90 [XX]	40.0W	90° / 97°	Ra > 90	2923	3045	3106	3137
36 W 90 [XX]	36.0W	92° / 95°	Ra > 90	2692	2804	2860	2888



Colour



Black

White



DC 48V

Minimal Low-Voltage Series

	SD279	P.134
Φ70 Lens Type Track Light		
	SD279	P.136
Φ60 Lens Type Track Light		
	SD279S Short	P.137
Φ60 Lens Type Track Light		
	SD279	P.138
Φ45 Lens Type Track Light		
	SD278	P.139
Φ35 Miniature Size Track Light		
	SD287	P.140
Compact Size Track Light (DC 48V)		

DC48V Series for Minimal Fixtures

DC48V is a low-voltage DC track system that uses separately located power supplies to keep the fixture area ultimately minimal. It unifies the aesthetics of the entire space and creates a refined impression. Excelling in layout changes and the addition or repositioning of fixtures, it maintains the core of the lighting plan even as displays or usage needs change. Balancing design beauty and operational ease at a high level, it can be continuously updated as the space grows. Multiple size and output range options flexibly accommodate everything from compact applications to high-power presentations.



AMMA

The AMMA 48V Series boasts a precise size lineup from $\phi 70$ to $\phi 45$. Clearly organized by aperture and wattage range, it enables smart selection during design. Covering from max 35W class down to 10W, it allows flexible selection of the optimal light to match space conditions and applications.



$\phi 35$ Miniature

A 48V, 6W ultra-compact spotlight that brings small light accents to a space. Seamlessly blending into architecture and joinery, it fades into the background to create a noiseless space where the fixture's presence is virtually forgotten.

micro

The compact micro series blends seamlessly into minimalist architecture and interiors. Offering four beam distributions and four CCT options, it enriches spaces where attention to detail is essential, such as restaurants and galleries.

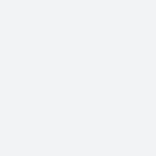


AMMA

Size (mm)	$\phi 70$ mm			
W (W)	14	21	28	32
Lm (Average)	1635	2416	3049	3614
Lm/W (Average)	116.8	115.1	108.9	112.9
Beam Angle	16° 23° 30° 38° 55°			
Colour	WhiteBlack			

Size (mm)	$\phi 60$ mm Short	
W (W)	10	14
Lm (Average)	1134	1557
Lm/W (Average)	113.4	111.2
Beam Angle	16° 21° 25° 36° 52°	
Colour	WhiteBlack	

	CCT		CRI (Ra)
	2700K	3000K	Ra > 90
	3500K	4000K	
	Φ35 Miniature		
W (W)	6		
Lm (Average)	330		
Lm/W (Average)	55.1		
Beam Angle	  16° 41°		
Colour	  WhiteBlack		

	CCT		CRI (Ra)
	2700K	3000K	Ra > 90
	3500K	4000K	
Size (mm)	$\phi 60$ mm		
W (W)	10	14	21
Lm (Average)	1134	1557	2251
Lm/W (Average)	113.4	111.2	107.2
Beam Angle	16° 21° 25° 36° 52°		
Colour	WhiteBlack		

Size (mm)	$\phi 45$ mm	
W (W)	10	
Lm (Average)	979	
Lm/W (Average)	97.9	
Beam Angle	20° 26° 31° 40° 53°	
Colour	WhiteBlack	

	CCT		CRI (Ra)
	2700K	3000K	Ra > 90
	3500K	4000K	
	micro		
W (W)	6		
Lm (Average)	443		
Lm/W (Average)	73.8		
Beam Angle	    13°20°29°42°		
Colour	  WhiteBlack		

DC 48V

Φ70 Lens Type Track Light

2700K

3000K

3500K

4000K

Narrow

Medium

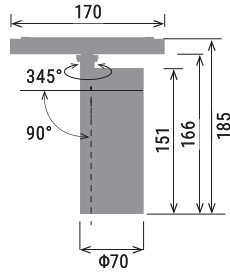
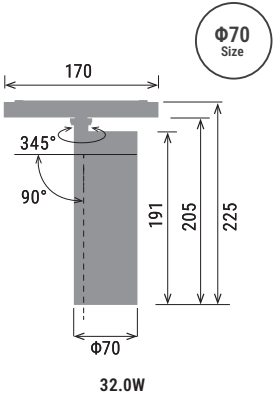
Flood

Wide Flood

Ra > 90

CECCC

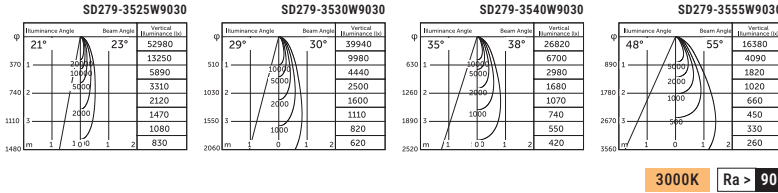
Cylinder lens type, luminaire's with high lumen efficacy. Soft light distribution with different beam angles / size / power for various of space and effects. Track Light unit uses 48V power unit combined with extra slim track for flexible installation. 48V type track is specially developed so that it can be installed to other brand's track system.



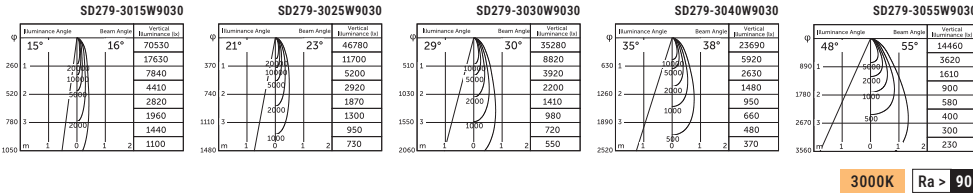
14.0W / 21.0W / 28.0W

Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.9kg
Movable Type (Vertical: up to 90°, Horizontal: 345°) Use with track	
With power supply unit (AC 220-240V)	
Cannot use with dimmer	

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
3525 W 90 [xx]	32.0W	23°	Ra > 90	3527	3599	3563	3606
3530 W 90 [xx]		30°		3628	3702	3665	3709
3540 W 90 [xx]		38°		3553	3625	3589	3632
3555 W 90 [xx]		55°		3558	3631	3595	3638



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
3015 W 90 [xx]	28.0W	16°	Ra > 90	2407	2456	2505	2554
3025 W 90 [xx]		23°		3114	3178	3146	3184
3030 W 90 [xx]		30°		3205	3270	3237	3277
3040 W 90 [xx]		38°		3138	3202	3170	3208
3055 W 90 [xx]		55°		3143	3207	3175	3213



Ordering Code Example

SD279 – 3525
(48V Track)

W

Body Colour

W : White
B : Black

90

CRI

Ra > 90

30

CCT

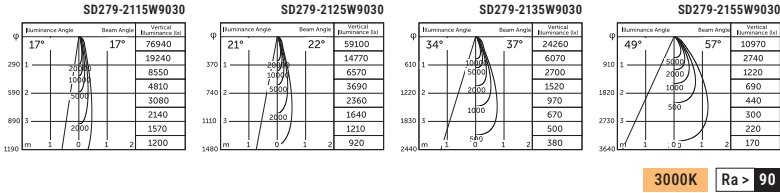
27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

Colour

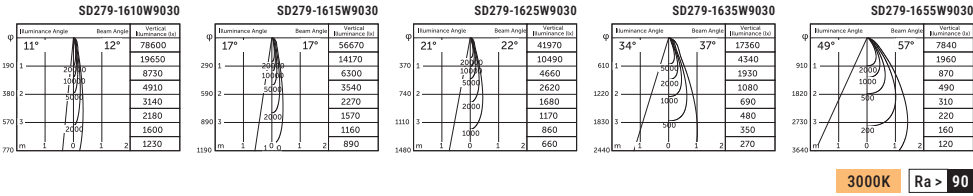
Black

White

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
2115 W 90 [xx]	21.0W	17°	Ra > 90	2317	2364	2340	2373
2125 W 90 [xx]		22°		2411	2460	2435	2470
2135 W 90 [xx]		37°		2398	2447	2423	2457
2155 W 90 [xx]		57°		2408	2457	2432	2467

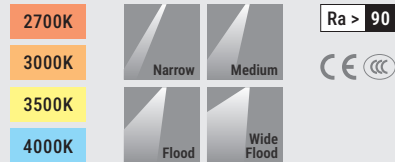


Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
1610 W 90 [xx]	14.0W	12°	Ra > 90	1235	1260	1285	1310
1615 W 90 [xx]		17°		1656	1690	1673	1697
1625 W 90 [xx]		22°		1720	1755	1737	1762
1635 W 90 [xx]		37°		1711	1746	1729	1753
1655 W 90 [xx]		57°		1723	1758	1740	1765



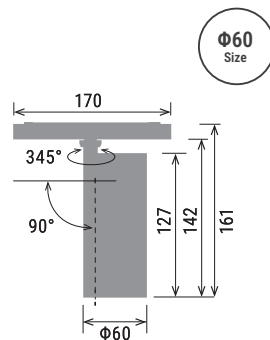
DC 48V

Φ60 Lens Type Track Light



SD279 – 2020 (48V Track)

W	90	30
Body Colour	CRI	CCT
W : White B : Black	Ra > 90	27 : 2700K 30 : 3000K 35 : 3500K 40 : 4000K



10.0W / 14.0W / 21.0W

Specifications

Body Die-cast aluminum alloy

Frame Fine white (Black) paint

Total Weight 0.4kg

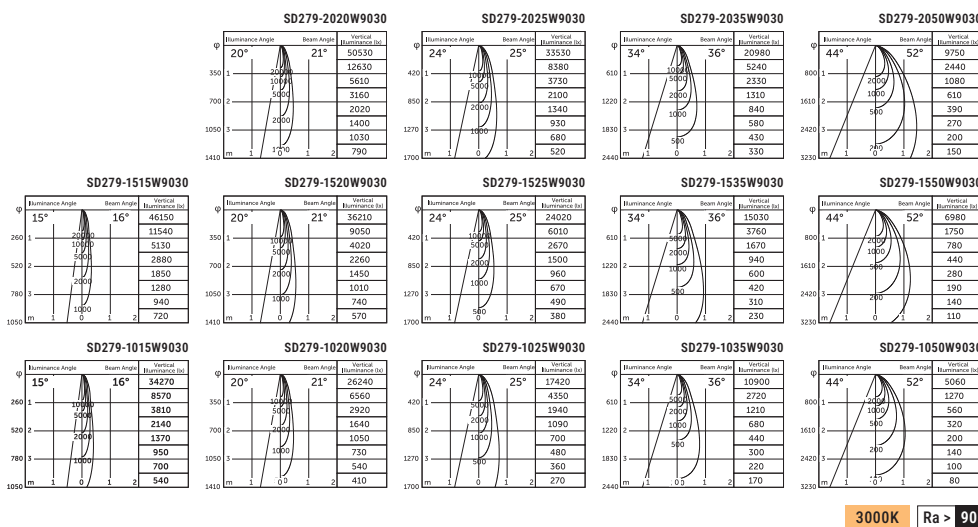
Movable Type (Vertical: up to 90°, Horizontal: 345°) Use with track

With power supply unit (DC 48V)

Cannot use with dimmer

→ DC 48V track parts, refer to [P. 205](#)

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT (xx =)
				27 30 35 40
				Lumen Output (Fixture)
2020 W 90 xx	21.0W	21°	Ra > 90	2330 2378 2354 2402
2025 W 90 xx		25°		2194 2239 2217 2261
2035 W 90 xx		36°		2268 2314 2291 2337
2050 W 90 xx		52°		2077 2119 2098 2140
1515 W 90 xx	14.0W	16°	Ra > 90	1295 1321 1347 1374
1520 W 90 xx		21°		1670 1704 1687 1721
1525 W 90 xx		25°		1572 1604 1588 1620
1535 W 90 xx		36°		1625 1658 1641 1675
1550 W 90 xx		52°		1488 1518 1503 1533
1015 W 90 xx	10.0W	16°	Ra > 90	961 981 1001 1020
1020 W 90 xx		21°		1210 1235 1223 1247
1025 W 90 xx		25°		1140 1163 1151 1175
1035 W 90 xx		36°		1178 1202 1190 1214
1050 W 90 xx		52°		1079 1101 1090 1112



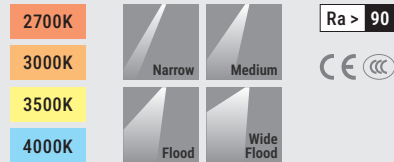
Options & Accessories



SD*79-20 (21.0W)	×	×	×	×	×
SD*79-15 (14.0W)	○	○	○	○	○
SD*79-10 (10.0W)	○	○	○	○	○

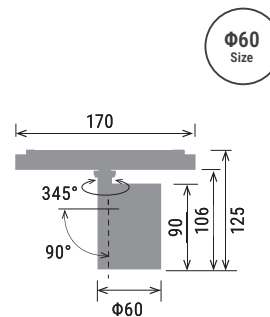
DC 48V

Φ60 Lens Type Track Light



SD279 – 1515 (48V Track)

W	90	30	S
Body Colour	CRI	CCT	Length
W : White B : Black	Ra > 90	27 : 2700K 30 : 3000K 35 : 3500K 40 : 4000K	S : Short



10.0W / 14.0W / 21.0W
(Short Length)

Specifications

Body Die-cast aluminum alloy

Frame Fine white (Black) paint

Total Weight 0.3kg

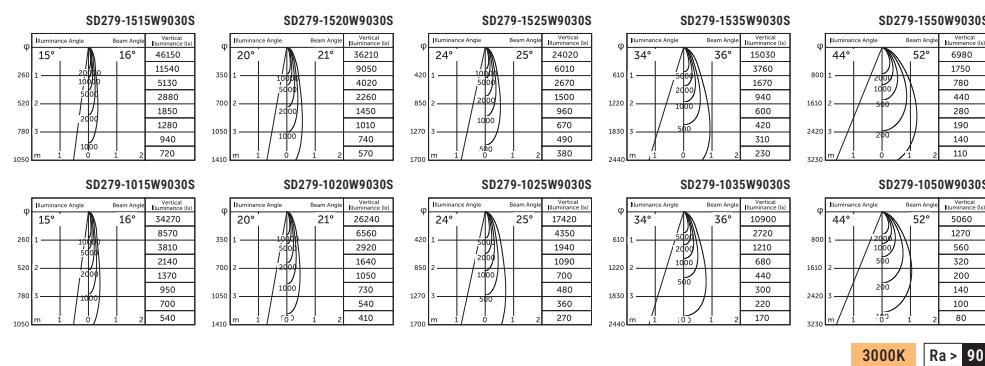
Movable Type (Vertical: up to 90°, Horizontal: 345°) Use with track

With power supply unit (DC 48V)

Cannot use with dimmer

→ DC 48V track parts, refer to [P. 205](#)

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT (xx =)
				27 30 35 40
				Lumen Output (Fixture)
1515 W 90 xx S	14.0W	16°	Ra > 90	1295 1321 1347 1374
1520 W 90 xx S		21°		1670 1704 1687 1721
1525 W 90 xx S		25°		1572 1604 1588 1620
1535 W 90 xx S		36°		1625 1658 1641 1675
1550 W 90 xx S		52°		1488 1518 1503 1533
1015 W 90 xx S	10.0W	16°	Ra > 90	961 981 1001 1020
1020 W 90 xx S		21°		1210 1235 1223 1247
1025 W 90 xx S		25°		1140 1163 1151 1175
1035 W 90 xx S		36°		1178 1202 1190 1214
1050 W 90 xx S		52°		1079 1101 1090 1112



Options & Accessories



SD*79-15*S (14.0W)	×	○	○	○	○
SD*79-10*S (10.0W)	○	○	○	○	○

DC 48V

Φ45 Lens Type Track Light

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

Ra > 90

CE

CCC



SD279 – 0920
(48V Track)

W

Body Colour

W : White
B : Black

90

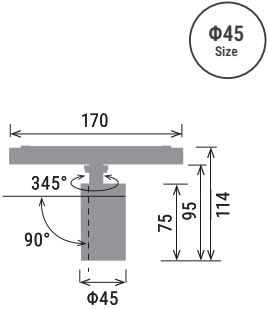
CRI

Ra > 90

30

CCT

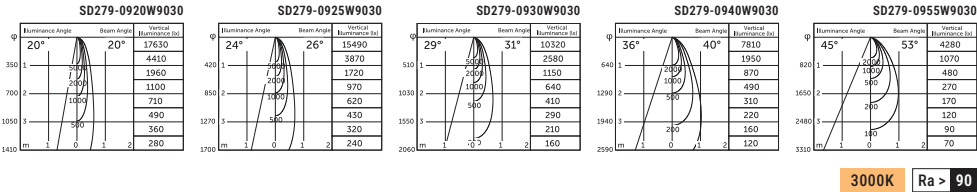
27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K



10.0W

Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.2kg
Movable Type (Vertical: up to 90°, Horizontal: 345°) Use with track	
With power supply unit (DC 48V)	
Cannot use with dimmer	
→ DC 48V track parts, refer to P. 205	

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
0920 W 90 [xx]	10.0W	20°	Ra > 90	841	858	875	892
0925 W 90 [xx]		26°		1038	1059	1048	1063
0930 W 90 [xx]		31°		982	1002	992	1006
0940 W 90 [xx]		40°		1013	1034	1024	1038
0955 W 90 [xx]		53°		939	958	948	962



Options & Accessories



SD*79-09 (10.0W)	×	×	×	×	○
------------------	---	---	---	---	---

DC 48V

Φ35 Miniature Size Track Light

2700K

3000K

3500K

4000K

Narrow

Medium

Flood

Wide Flood

Ra > 90

CE

CCC



SD278 – 0620
(48V Track)

W

Body Colour

W : White
B : Black

90

CRI

Ra > 90

30

CCT

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

Type

on-off

SD278 – 0620
(48V Track)

W

Body Colour

W : White
B : Black

90

CRI

Ra > 90

30

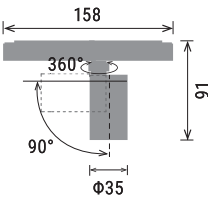
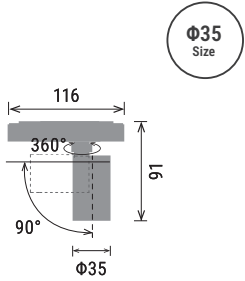
CCT

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

– DMDA

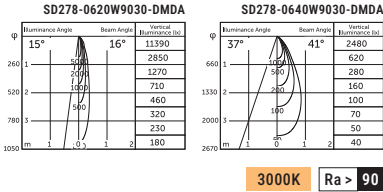
Dimmable

DALI Dimming



Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.2kg
Movable Type (Vertical: up to 90°, Horizontal: 360°) Use with track	
Type	on-off
DMDA	DALI
With power supply unit (DC 48V)	
Cannot use with dimmer	
→ DC 48V track parts, refer to P. 205	

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
0620 W 90 [xx] - DMDA	6.0W	16°	Ra > 90	325	339	353	359
0640 W 90 [xx] - DMDA		41°		300	312	324	331



DC 48V

Compact Size Track Light (DC 48V)

2700K

3000K

3500K

4000K

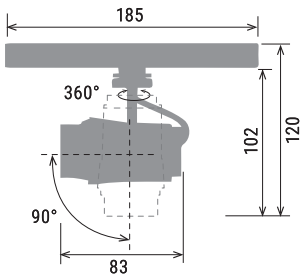
Spot

Medium

Ra > 90

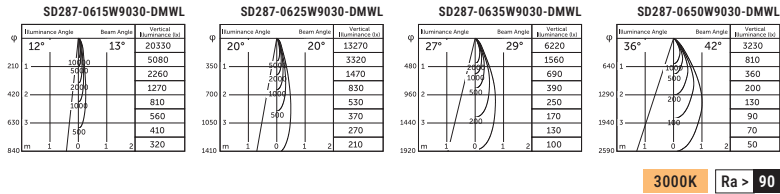
CECCC

Due to its miniaturization design, it is suitable for interior spaces where the presence of luminaires is undesirable. We have used a small-size COB pack in a compact body, making it unique in the market. For this style, we have used a 48V driver with our luminaire body. As a result of this combination, only the luminaire body is visible, achieving a totally minimalist design.



Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.2kg
Movable Type (Vertical: up to 90°, Horizontal: 360°)	
Use of ceiling plate thickness of 5-20mm	
With power supply unit (DC 48V)	
DM	Can use with dimmer
Remark	For driver size, please contact our sales person
→ DC 48V track parts, refer to P. 205	

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
SD287 -				27	30	35	40
Lumen Output (Fixture)							
0615 W 90 [xx] - DMWL	6.0W	13°	Ra > 90	381	397	413	421
0625 W 90 [xx] - DMWL		20°		440	458	476	485
0635 W 90 [xx] - DMWL		29°		445	464	483	492
0650 W 90 [xx] - DMWL		42°		408	425	442	451



Ordering Code Example

SD287 – 0615
(48V Track)

W

Body Colour

W : White
B : Black

90

CRI

Ra > 90

30

CCT

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

- DMWL

Dimmable

Wireless Dimming

Colour



Black



White



micro
Compact Lighting Series



SD287 P.144
Compact Size Track Light (DC 48V)



SD387-IK P.145
Compact Size Track Light : In Track



DD187 P.146
Φ60 Pull Out Downlight

micro

Compact Size Track Light (DC 48V)

2700K

3000K

3500K

4000K

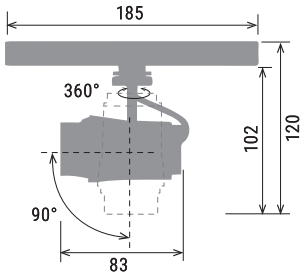
Spot

Medium

Ra > 90

CECCC

SD287 – 0615 (48V Track)	W	90	30	–	DMWL
Body Colour	CRI	CCT	Dimmable		
W : White B : Black	Ra > 90	27 : 2700K 30 : 3000K 35 : 3500K 40 : 4000K	Wireless Dimming		



Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.2kg
Movable Type	(Vertical: up to 90°, Horizontal: 360°)
Use of ceiling plate thickness of 5-20mm	
With power supply unit (DC 48V)	
DM	Can use with dimmer
Remark	For driver size, please contact our sales person
→ DC 48V track parts, refer to P. 205	

Colour



Black



White

micro

Compact Size Track Light : In Track

2700K

3000K

3500K

4000K

Spot

Medium

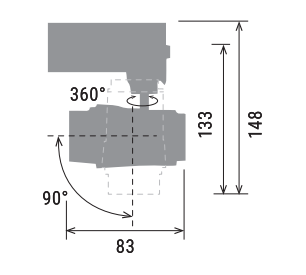
Flood

Wide Flood

Ra > 90

CECCC

SD387 – 0615	W	90	30	–	IK
Body Colour	CRI	CCT	Function		
W : White B : Black	Ra > 90	27 : 2700K 30 : 3000K 35 : 3500K 40 : 4000K	In track driver		



Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.31kg
Movable Type	(Vertical: up to 90°, Horizontal: 360°)
Use of ceiling plate thickness of 5-20mm	
With power supply unit (AC 220-240V)	
Remark	For driver size, please contact our sales person

Colour



Black



White

micro

Φ60 Pull Out Downlight

2700K

3000K

3500K

4000K

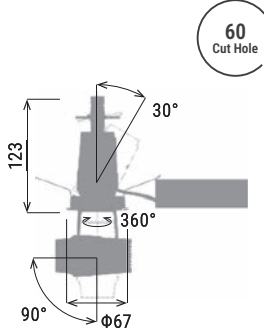
Spot

Medium

Ra > 90

CECCC

Micro pull out downlight can pull-out for maximum light beam direction control. Due to its miniaturization design, it is suitable for interior space where the presence of luminaire is not desirable. Small size COB pack in a compact body which makes it unique in the market.



Specifications	
Body	Die-cast aluminum alloy
Frame	Fine white (Black) paint
Total Weight	0.31kg
Movable Type (Vertical: up to 90°, Horizontal: 360°)	
Use of ceiling plate thickness of 5-20mm	
With power supply unit (AC 220-240V)	
DM1	Can use with 1-10V dimming
Remark	For driver size, please contact our sales person

Ordering Code Example

DD187 – 0615

W

90

30

Body Colour

CRI

CCT

W : White
B : Black

Ra > 90

27 : 2700K 35 : 3500K
30 : 3000K 40 : 4000K

DD187 – 0615

W

90

30

– DM1

Body Colour

CRI

CCT

Dimmable

W : White
B : Black

Ra > 90

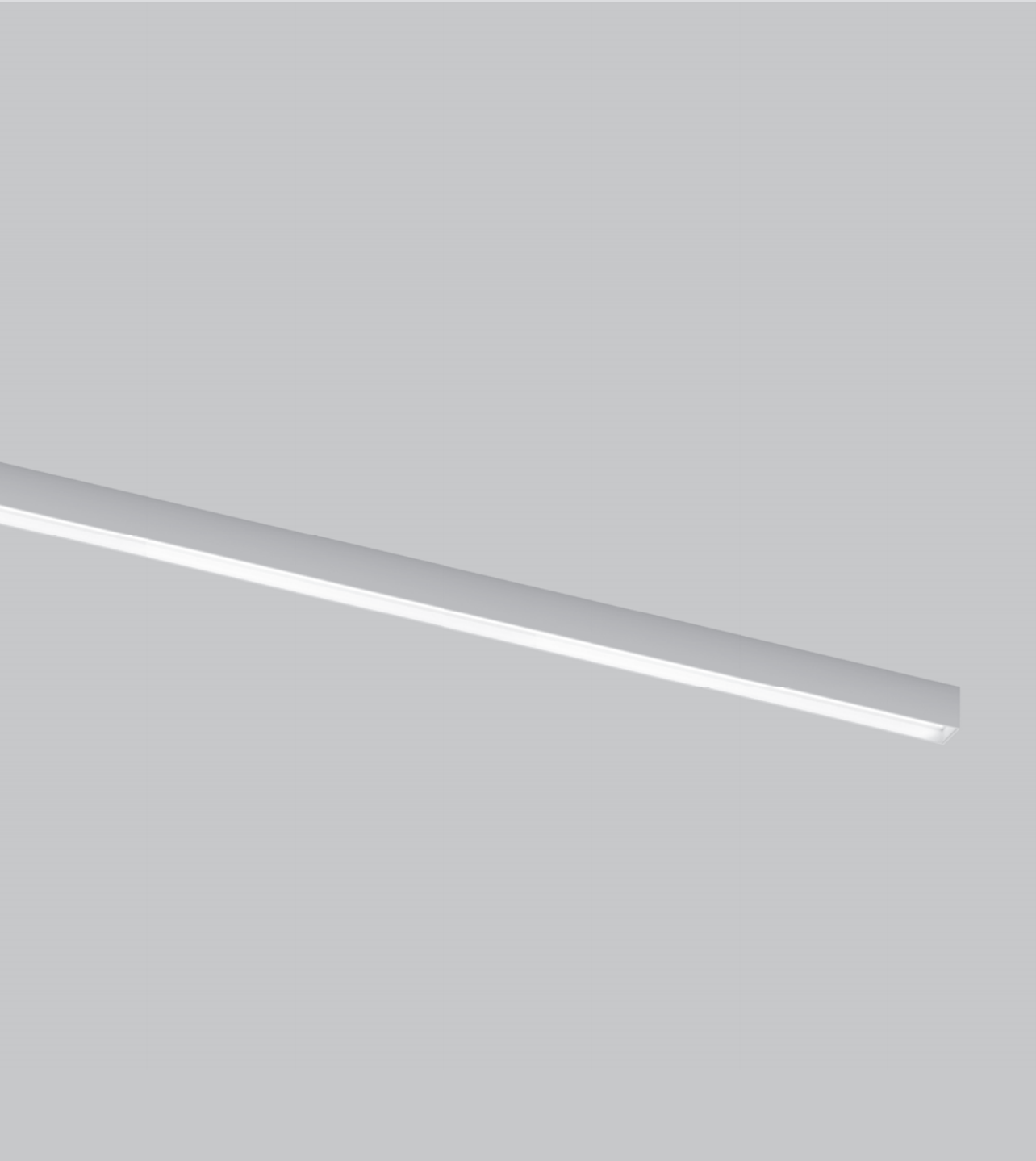
27 : 2700K 35 : 3500K
30 : 3000K 40 : 4000K

0-10V Dimming

Colour

Black

White



SOLID 60

Linear Light Series

SOLID 60

	CD031	IP20		P.152
Solid Line CD031				
	CD032	IP20	Recessed with Trim	P.153
Solid Line CD032				
	CD033	IP65		P.154
Solid Line CD033				
	CD034	IP65	Recessed with Trim	P.155
Solid Line CD034				
	CD035	IP20		P.156
Solid Line CD035				

OTHERS

	LS003		P.158
Linear Slim Light (DC 24V)			
	CD008		P.160
LED Tube Light (AC 220V)			

Solid Line Series for Every Ceiling Condition

Solid Line is a linear lighting series designed to bring refined lines of light to any space. Available in three formats—Recessed, Suspended, and Surface-Mounted—it enables flexible selection tailored to ceiling conditions and design intent. It combines uniform, high-quality light with a noise-free, beautiful appearance. A wide dimming range from 1% to 100% allows versatile lighting effects to suit the purpose and atmosphere of each space.

Minimal
Design



For Any Space

3 Mounting
Types



Visual
Comfort



UGR < 19

Flexible
Control



Dimming Available

Solid Line Surface Mounted

Its minimalist form reduces visual noise while filling the entire room with bright, uniform light. High-precision dimming allows flexible creation of the ideal lighting environment to suit various activities and scenes.



Solid Line Suspended

A pendant type that draws refined lines of light in the space to highlight the design. Beautifully suited to open environments such as high ceilings, the combination of flexible height adjustment and advanced dimming control creates a refined atmosphere that responds to every scene.



Solid Line Recessed

A recessed type that seamlessly integrates with the architecture to achieve ultimate minimalism. A design that thoroughly eliminates visual noise, together with even, high-quality light, quietly and vividly accentuates the inherent beauty of the space.



SOLID 60

IP20

Solid Line CD031

- 2700K
- 3000K
- 3500K
- 4000K
- Ra > 80
- CE

CD031 – 1760

W

80

30

S

Body Colour

W : White
B : Black
S : Silver

CRI

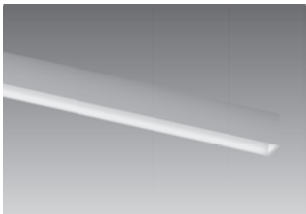
Ra > 80

CCT

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

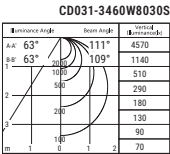
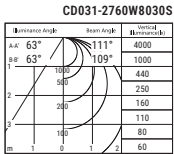
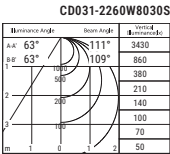
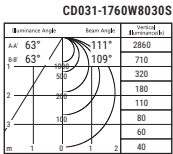
Mounting

S : Surface Mounted
P : Suspended



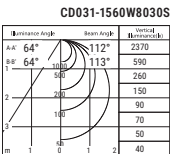
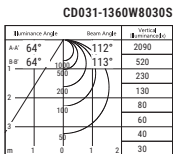
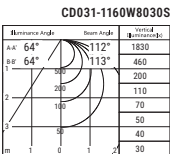
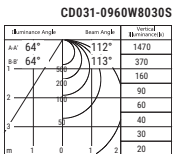
Specifications	
Shade	PMMA, Creamy White
Body	AL1060
End Cap	AL1060
Total Weight	2.7kg (1200)
Rated Voltage	AC 220V 50/60Hz
Starting Mode	LED Control Device (Internal)

Ordering Code	Length	Wattage	Beam Angle	CRI (Ra)	CCT (xx =)			
					27	30	35	40
Lumen Output (Fixture)								
1760 W 80 [xx] S	1200	18.0W	119° / 109°	Ra > 80	1888	1993	1993	2098
2260 W 80 [xx] S		22.0W			2266	2392	2392	2518
2760 W 80 [xx] S		26.0W			2643	2790	2790	2937
3460 W 80 [xx] S		30.0W			3021	3189	3189	3357



3000K Ra > 80

Ordering Code	Length	Wattage	Beam Angle	CRI (Ra)	CCT (xx =)			
					27	30	35	40
Lumen Output (Fixture)								
0960 W 80 [xx] S	600	9.0W	112° / 113°	Ra > 80	1000	1053	1053	1106
1160 W 80 [xx] S		11.0W			1245	1310	1310	1375
1360 W 80 [xx] S		13.0W			1421	1500	1500	1580
1560 W 80 [xx] S		15.0W			1615	1700	1700	1785



3000K Ra > 80



Singapore MRT Station
- Thomson-East Coast Line

SOLID 60

Recessed with Trim

IP20

Solid Line CD032

- 2700K
- 3000K
- 3500K
- 4000K
- Ra > 80
- CE

CD032 – 1760

W

80

30

R

Body Colour

W : White
B : Black
S : Silver

CRI

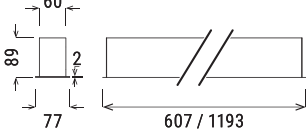
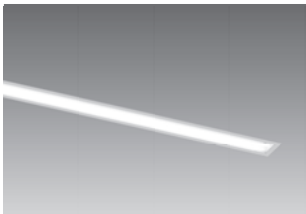
Ra > 80

CCT

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

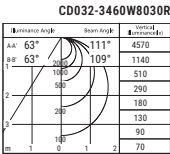
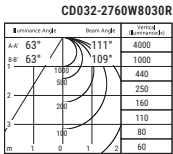
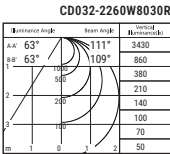
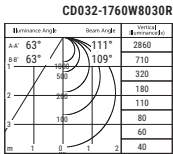
Mounting

R : Recessed



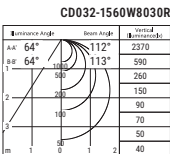
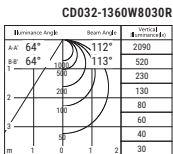
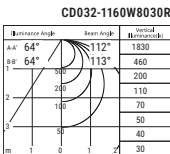
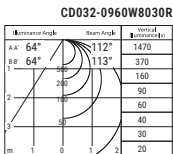
Specifications	
Shade	PMMA, Creamy White
Body	AL1060
End Cap	AL1060
Total Weight	2.7kg (1200)
Rated Voltage	AC 220V 50/60Hz
Starting Mode	LED Control Device (Internal)

Ordering Code	Length	Wattage	Beam Angle	CRI (Ra)	CCT (xx =)			
					27	30	35	40
Lumen Output (Fixture)								
1760 W 80 [xx] R	1200	18.0W	119° / 109°	Ra > 80	1888	1993	1993	2098
2260 W 80 [xx] R		22.0W			2266	2392	2392	2518
2760 W 80 [xx] R		26.0W			2643	2790	2790	2937
3460 W 80 [xx] R		30.0W			3021	3189	3189	3357



3000K Ra > 80

Ordering Code	Length	Wattage	Beam Angle	CRI (Ra)	CCT (xx =)			
					27	30	35	40
Lumen Output (Fixture)								
0960 W 80 [xx] R	600	9.0W	112° / 113°	Ra > 80	1000	1053	1053	1106
1160 W 80 [xx] R		11.0W			1245	1310	1310	1375
1360 W 80 [xx] R		13.0W			1421	1500	1500	1580
1560 W 80 [xx] R		15.0W			1615	1700	1700	1785



3000K Ra > 80



National Library Board
at Seng Kang

SOLID 60 IP65

Solid Line CD033

- 2700K
- 3000K
- 3500K
- 4000K
- Ra > 80
- CE

CD033 – 1760

W

80

30

S

Body Colour

W : White
B : Black
S : Silver

CRI

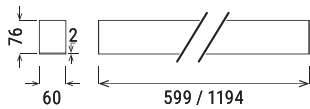
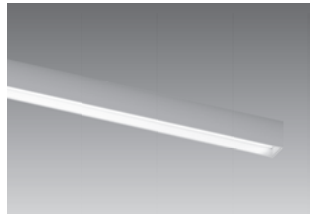
Ra > 80

CCT

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

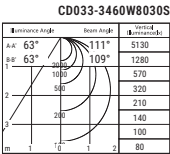
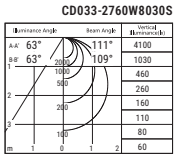
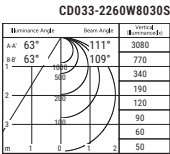
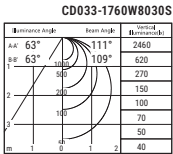
Mounting

S : Surface Mounted
P : Suspended



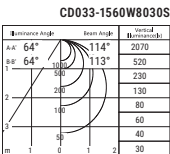
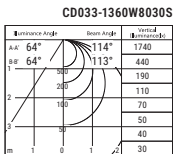
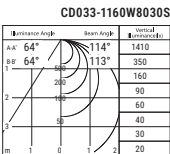
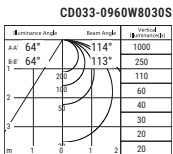
Specifications	
Shade	PC, Creamy White
Body	AL1060
End Cap	AL1060
Total Weight	2.7kg (1200)
Rated Voltage	AC 220V 50/60Hz
Starting Mode	LED Control Device (Internal)

Ordering Code	Length	Wattage	Beam Angle	CRI (Ra)	CCT (xx) =			
					27	30	35	40
Lumen Output (Fixture)								
1760 W 80 xx S	1200	16.0W	119° / 109°	Ra > 80	1631	1717	1717	1803
2260 W 80 xx S		20.0W			2039	2146	2146	2254
2760 W 80 xx S		27.0W			2719	2862	2862	3005
3460 W 80 xx S		32.0W			3398	3577	3577	3756



3000K Ra > 80

Ordering Code	Length	Wattage	Beam Angle	CRI (Ra)	CCT (xx) =			
					27	30	35	40
Lumen Output (Fixture)								
0960 W 80 xx S	600	8.0W	114° / 113°	Ra > 80	684	720	720	756
1160 W 80 xx S		11.0W			969	1020	1020	1071
1360 W 80 xx S		13.5W			1197	1260	1260	1323
1560 W 80 xx S		16.0W			1425	1500	1500	1575



3000K Ra > 80

SOLID 60 Recessed with Trim

IP65

Solid Line CD034

- 2700K
- 3000K
- 3500K
- 4000K
- Ra > 80
- CE

CD034 – 1760

W

80

30

R

Body Colour

W : White
B : Black
S : Silver

CRI

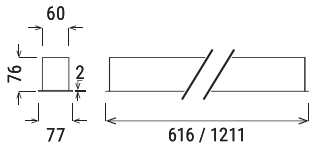
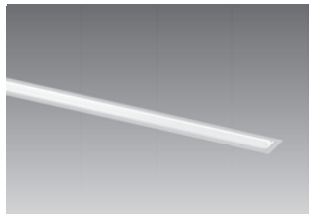
Ra > 80

CCT

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

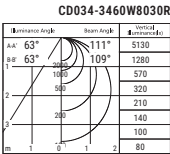
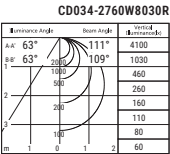
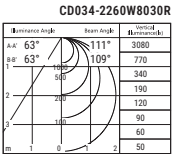
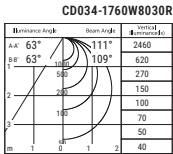
Mounting

R : Recessed



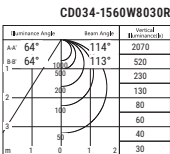
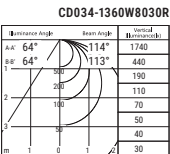
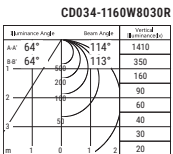
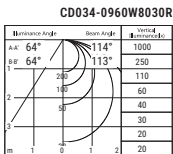
Specifications	
Shade	PC, Creamy White
Body	AL1060
End Cap	AL1060
Total Weight	2.7kg (1200)
Rated Voltage	AC 220V 50/60Hz
Starting Mode	LED Control Device (Internal)

Ordering Code	Length	Wattage	Beam Angle	CRI (Ra)	CCT (xx) =			
					27	30	35	40
Lumen Output (Fixture)								
1760 W 80 xx R	1200	16.0W	119° / 109°	Ra > 80	1631	1717	1717	1803
2260 W 80 xx R		20.0W			2039	2146	2146	2254
2760 W 80 xx R		27.0W			2719	2862	2862	3005
3460 W 80 xx R		32.0W			3398	3577	3577	3756



3000K Ra > 80

Ordering Code	Length	Wattage	Beam Angle	CRI (Ra)	CCT (xx) =			
					27	30	35	40
Lumen Output (Fixture)								
0960 W 80 xx R	600	8.0W	114° / 113°	Ra > 80	684	720	720	756
1160 W 80 xx R		11.0W			969	1020	1020	1071
1360 W 80 xx R		13.5W			1197	1260	1260	1323
1560 W 80 xx R		16.0W			1425	1500	1500	1575



3000K Ra > 80

SOLID 60

IP20

Solid Line CD035

6500K

Ra > 80

CE

CD035 – 2260

W

80

65

Body Colour

CRI

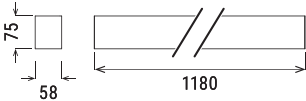
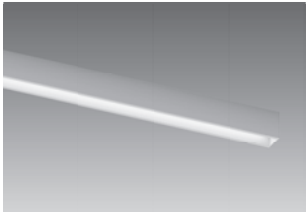
CCT

W : White

Ra > 80

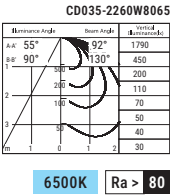
65 : 6500K

B : Black



Specifications	
Wire	White 3G 0.75mm² 105°C 300/500V
Shade	PC, Creamy White
Body	AL
End Cap	AL
Total Weight	1.7kg
Rated Voltage	AC 220V 50/60Hz
Starting Mode	LED Control Device (Internal)

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT (xx =)
CD035 - 65 Lumen Output (Fixture)				
2260 W 80 65	22.0W	92° / 130°	Ra > 80	1784



Linear Slim Light (DC 24V)

2400K

2700K

3000K

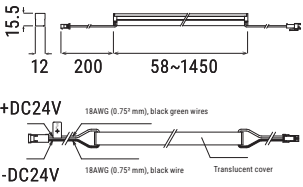
3500K

4000K

Ra > 90

CE

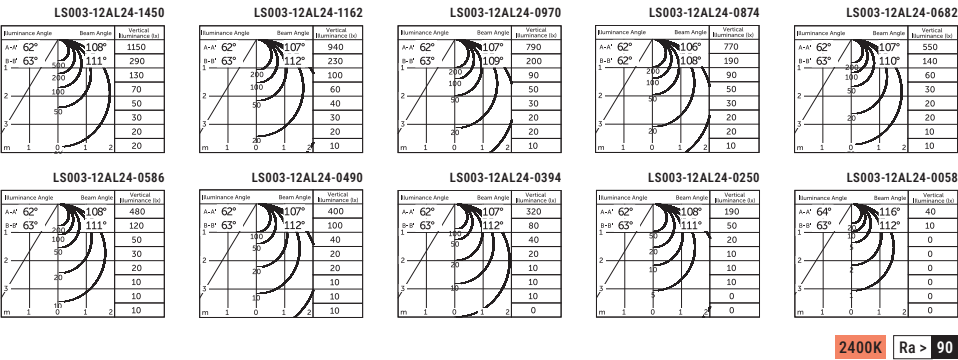
Our ultra slim LED linear tube with various length and colour temperature. Ideal for complex structure contour with minimum dark spot. It's 12.4W / meter with various colour range 2400K to 4000K. It is ready for different lighting mood whichever you want to create.



Specifications	
Body	Extruded aluminium + PC
Connectable	Max 10 pcs
Remark	For enquiries about a suitable power source, please contact our sales person.

Length (Weight)	
18.0W	1450mm (0.23kg)
14.4W	1162mm (0.19kg)
12.0W	970mm (0.16kg)
10.8W	874mm (0.14kg)
8.4W	682mm (0.11kg)
7.2W	586mm (0.1kg)
6.0W	490mm (0.08kg)
4.8W	394mm (0.07kg)
3.0W	250mm (0.04kg)
0.6W	58mm (0.01kg)

Ordering Code	Quantity of LED	Wattage	Beam Angle	CRI (Ra)	CCT (xx =)				
					24	27	30	35	40
Lumen Output (Fixture)									
12AL xx - 1450	180	18.0W	108° / 111°	Ra > 90	1312	1443	1443	1575	1575
12AL xx - 1162	144	14.4W	107° / 112°	Ra > 90	1050	1155	1155	1260	1260
12AL xx - 0970	120	12.0W	107° / 109°	Ra > 90	875	962	962	1050	1050
12AL xx - 0874	108	10.8W	106° / 108°	Ra > 90	787	866	866	945	945
12AL xx - 0682	84	8.4W	107° / 110°	Ra > 90	612	674	674	735	735
12AL xx - 0586	72	7.2W	108° / 111°	Ra > 90	525	577	577	630	630
12AL xx - 0490	60	6.0W	107° / 112°	Ra > 90	437	481	481	525	525
12AL xx - 0394	48	4.8W	107° / 112°	Ra > 90	350	385	385	420	420
12AL xx - 0250	30	3.0W	108° / 111°	Ra > 90	219	241	241	262	262
12AL xx - 0058	6	0.6W	116° / 112°	Ra > 90	44	48	48	52	52

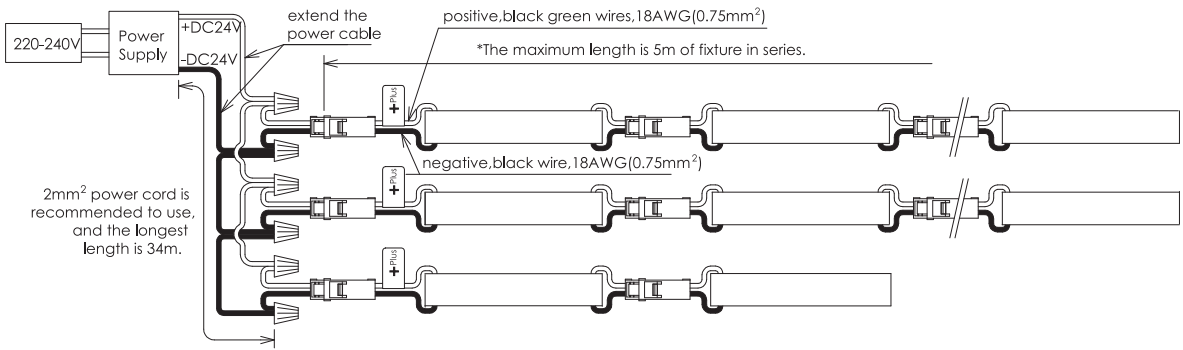


2400K Ra > 90

Ordering Code Example

LS003 – 12		AL	24	-	1450
		Colour	CCT	Size	
		Aluminium	24 : 2400K	1450	(1450mm)
			27 : 2700K	1162	(1162mm)
			30 : 3000K	0970	(970mm)
			35 : 3500K	0874	(874mm)
			40 : 4000K	0682	(682mm)
				0586	(586mm)
				0490	(490mm)
				0394	(394mm)
				0250	(250mm)
				0058	(58mm)

Power Supply Connection



Clip Installation Instruction

Fittings			
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- 1.Positioned the installation place of fastener from the below picture.
- 2.Install in the flat place,secure the fastener with screws.
- 3.Groove installation,secure the fastener with screws.

LED Tube Light (AC 220V)

3000K

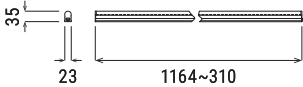
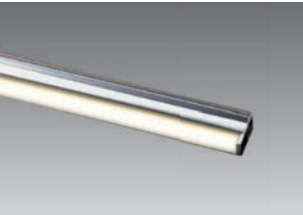
3500K

4000K

Ra > 80

CE

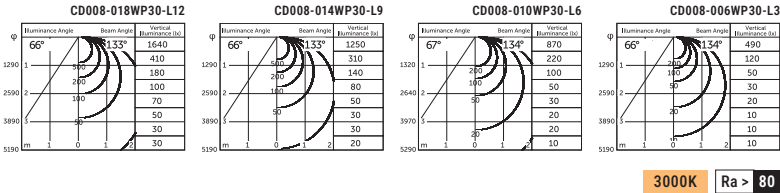
LED Tube Light with 4 length choices (300, 600, 900, 1200mm). It is 15W/meter with 3000K, 3500K, 4000K options.



Specifications	
Body	Extruded aluminium + PC
With power supply unit (AC 220-240V)	
Connectable	Max 10 pcs

Length (Weight)	
18.0W / 1200mm	1164 (0.28kg)
14.0W / 900mm	871 (0.23kg)
10.0W / 600mm	571 (0.18kg)
6.0W / 300mm	310 (0.12kg)

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)		
				30	35	40
Lumen Output (Fixture)						
018 WP [XX] - L12	18.0W	133°	Ra > 80	1737	1818	1818
014 WP [XX] - L9	14.0W	133°	Ra > 80	1308	1372	1372
010 WP [XX] - L6	10.0W	134°	Ra > 80	894	926	926
006 WP [XX] - L3	6.0W	134°	Ra > 80	481	504	504



3000K

Ra > 80

Ordering Code Example

CD008 – 018

WP

Colour

White
PC

30

CCT

30 : 3000K
35 : 3500K
40 : 4000K

-

L12

Size

L12 (L=1164)
L9 (L=871)
L6 (L=571)
L3 (L=310)

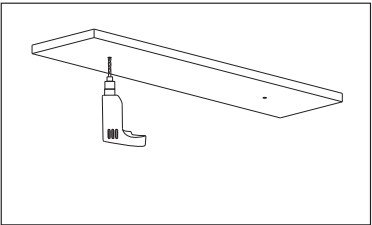


Fig 1

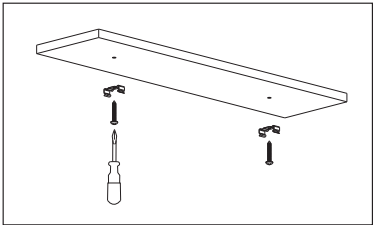


Fig 2

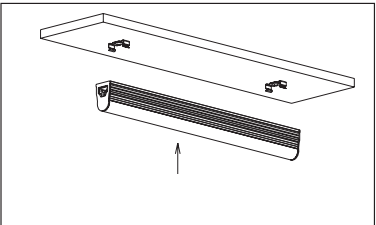


Fig 3

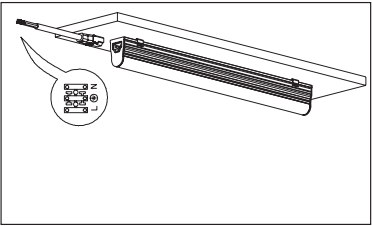


Fig 4

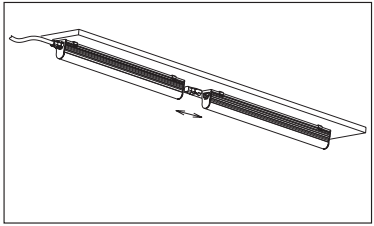


Fig 5

Accessory include:



Fixing Screws × 2



Joiner Connector × 1

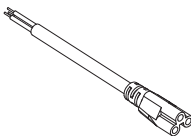


Fixing clips × 2

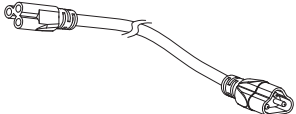


End cap × 1

Accessory Not include (Purchase separately):



Feed-in connector



Male-Female connector

* For driver size and precise IES file, please contact our sales person.

* For product improvement, the specifications, appearance, are subject to change without prior notice.



eX-Pro
Outdoor Spotlight Series
GLOBAL COMPATIBILITY

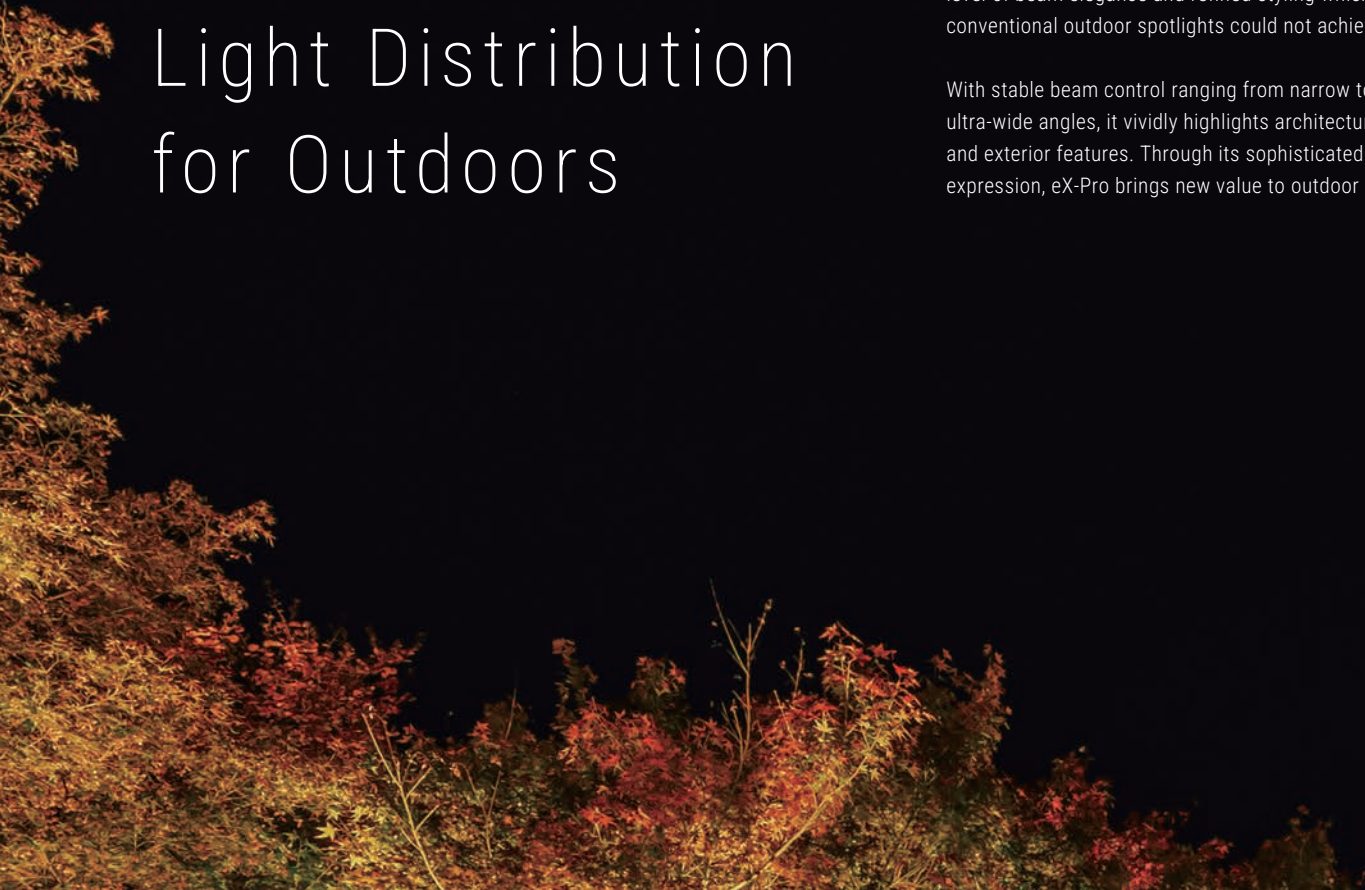


	US014-SM	IP65	L	P.170
Φ110 Outdoor Spotlight : Surface Mount				
	US014-SP	IP65	L	P.172
Φ110 Outdoor Spotlight : Spike				
	US014-AS	IP65	L	P.174
Φ110 Outdoor Spotlight : Arm Spot				
	US013-SM	IP65	M	P.176
Φ82 Outdoor Spotlight : Surface Mount				
	US013-SP	IP65	M	P.178
Φ82 Outdoor Spotlight : Spike				
	US013-AS	IP65	M	P.180
Φ82 Outdoor Spotlight : Arm Spot				
	US012-SM	IP65	S	P.182
Φ55 Outdoor Spotlight : Surface Mount				
	US012-SP	IP65	S	P.184
Φ55 Outdoor Spotlight : Spike				
	US012-AS	IP65	S	P.186
Φ55 Outdoor Spotlight : Arm Spot				

Beautiful Light Distribution for Outdoors

eX-Pro is a professional outdoor spotlight that enhances day and night landscapes with an unprecedented level of beam elegance and refined styling which conventional outdoor spotlights could not achieve.

With stable beam control ranging from narrow to ultra-wide angles, it vividly highlights architecture and exterior features. Through its sophisticated light expression, eX-Pro brings new value to outdoor spaces.

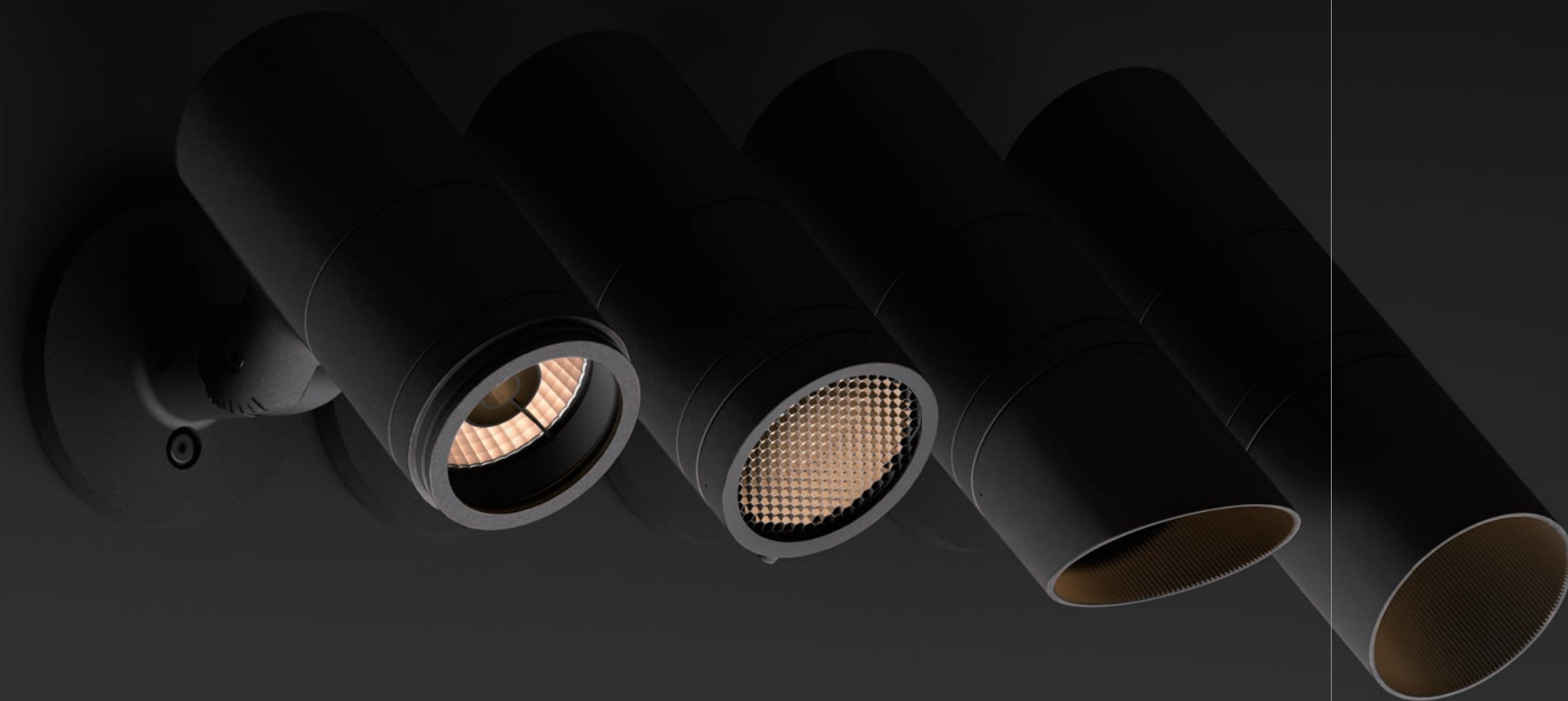


Refined Styling + Global Compatibility = For Every Landscape

eX-Pro harmonizes with its surroundings while bringing refined elegance and a sense of premium ambience.

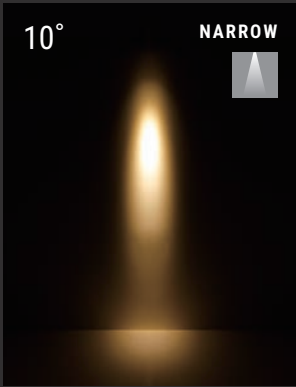
Its meticulously detailed, minimalist form blends seamlessly into the landscape during the day, keeping the fixture itself unobtrusive. At night, it emerges together with the light, adding a distinct accent to the space.

With a globally compatible design, it can be confidently introduced into diverse projects around the world, enhancing the beauty of any landscape while integrating naturally with its environment.



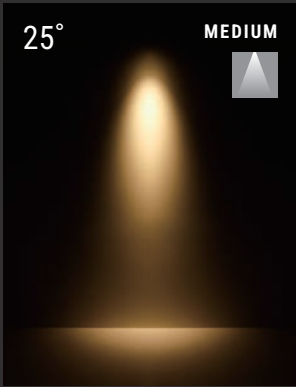
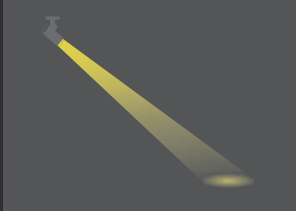
Light Distribution

Beautiful beam distribution is achieved from narrow to ultra-wide angles, enabling precise lighting execution for every application.



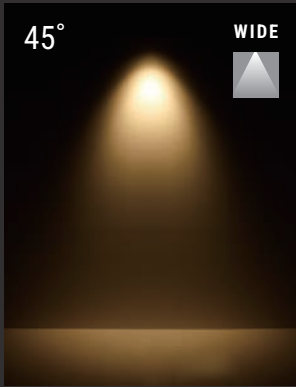
Long-Range Area Illumination

Advanced precision optical design achieves sharp narrow beam distribution without flare (unwanted light spillage). This enables pinpoint illumination of specific areas from extended distances.



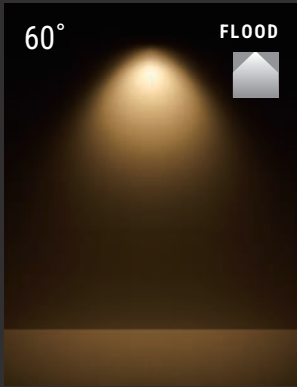
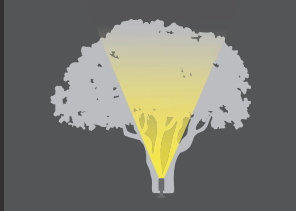
Side Lighting for Trees, Illumination for Conifers

A spot beam that combines high central intensity with a 25-degree spread. Even tall conifer trees can be highlighted with striking illumination.



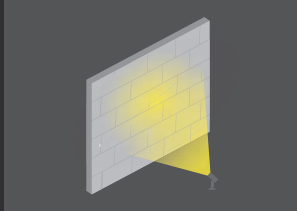
Bottom-up Tree Illumination, Broadleaf Tree Lighting

With a wide-angle beam, it can illuminate the entirety of broadleaf trees from a short distance. When combined with a short arm, it is also recommended for sign lighting.



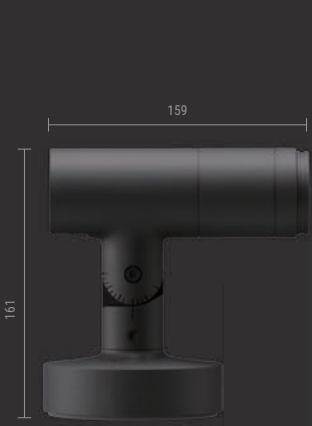
Uniform Wall Illumination from Close Range

With its high-precision optical design, it delivers a flat, ultra-wide beam with no unevenness, enabling walls to be illuminated with high uniformity even from close range.



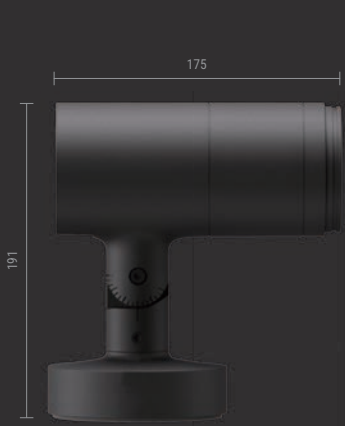
Product Variations

Available in 3 sizes with different power ranges. The series features a timeless, simple cylindrical design that works in any environment. Lens and hood options integrate seamlessly within the same cylinder housing.



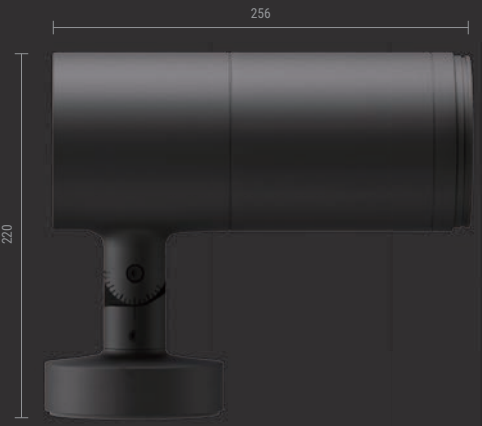
S

Φ55 TYPE
· 350lm class



M

Φ82 TYPE
· 1000lm class
· 600lm class



L

Φ110 TYPE
· 4000lm class
· 3000lm class
· 2000lm class

*M : The fixture length varies depending on the control method
(Non-dimming / Phase: 175 mm, DALI: 214 mm)

DALI Control for Outdoors

Certified to DALI-2 :

Outdoor spotlights with DALI control are included in the lineup, enabling easy operation of individual control, group control, and dimming/colour tuning. They can adapt to a wide variety of scenes. In addition, their environmental durability has been thoroughly refined to withstand harsh outdoor conditions, ensuring excellent performance in any environment.

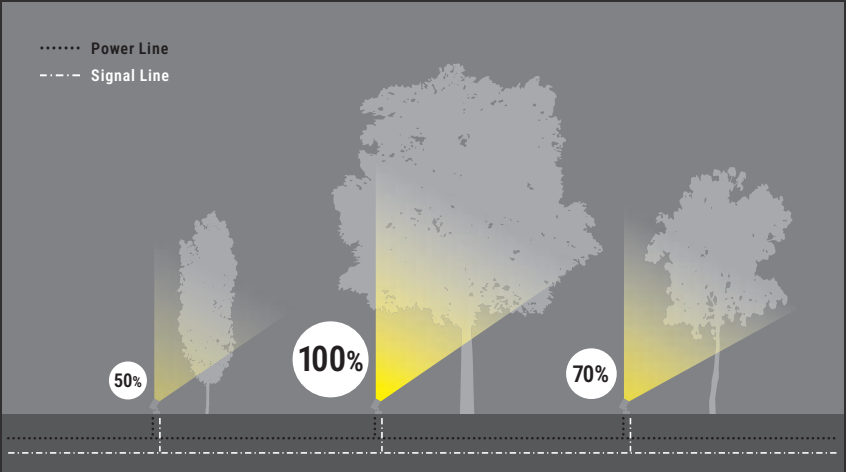
Tunable Control (L size / M size)

DALI specification fixtures enable individual brightness and colour temperature adjustment for each unit. You can change colour temperature seasonally to match plant foliage, harmonize with illumination colour schemes, and create high-quality lighting environments.



Individual Control

DALI specification fixtures combine the reliability of hardwired connections with individual addressing capabilities within a single signal circuit. This enables finely tuned lighting control, such as harmonizing with natural light at different times of day or adjusting to the growth of planting.



Power Variations

Available in four types of power supplies for optimal selection.

	on-off	0-10V	DALI	DALI Tunable White
L Size	○	○	○	○
M Size	○	○	○	○
S Size	○	—	—	—



Environmental Resistance Performance

The fixtures are engineered for reliable use even under harsh outdoor conditions. They have passed rigorous standard tests designed for both domestic and international applications, ensuring safe and dependable performance.

SALT RESISTANCE

*Heavy-duty salt resistance level (within 0.2 km from the coastline) available as a custom option.



With thoroughly refined coating and material specifications, the fixtures are designed with salt-resistant performance suitable for use in coastal areas and port facilities. A salt-resistance level (0.2–20 km from the coastline) is provided as the standard specification.

IP65 Dust and Water Resistance



Designed with an IP65 protection rating to prevent failures caused by water ingress. In addition to superior waterproof performance, the breather valve design prevents condensation that commonly occurs during low-level installations.

IK08 Impact Resistance



Enhanced durability against sudden high-impact forces achieves IK08 impact protection rating. Safe for use even in exposed outdoor locations.



Line Up



Surface Mount

A highly versatile mounting method. Suitable for installation not only on ceilings and walls but also on low poles.



Flat Plate

A mounting method that creates seamless integration with wall surfaces. Architectural design form that harmonizes with building structures.



Arm Spot

When paired with medium or wide beam angles, it can illuminate signboards of various sizes.



Spike

Creates dimensional effects by illuminating plants from bottom to top.



Ground Plate

Even on surfaces where spikes cannot be inserted, spotlights can be installed and used with a direct-mount plate.



Pole Mount

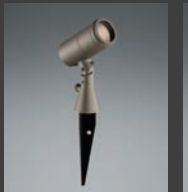
Pole Mount allows multiple fixtures to be installed on a single pole, enabling combinations of different beam angles and providing versatile lighting options tailored to various applications.



Tree Band

Tree Band can be mounted on trees, providing illumination without disrupting the landscape.

Colour Variations

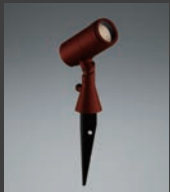


Sand

We offer colour designs that harmonize with the surrounding natural environment.



Green



Rusted Iron

*Custom specifications available.

ex-Pro L IP65

Φ110 Outdoor Spotlight : Surface Mount

2700K

3000K

3500K

4000K

Narrow

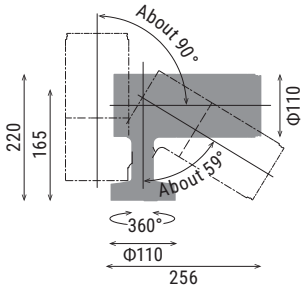
Medium

Flood

Wide Flood

Ra > 90

CECCC

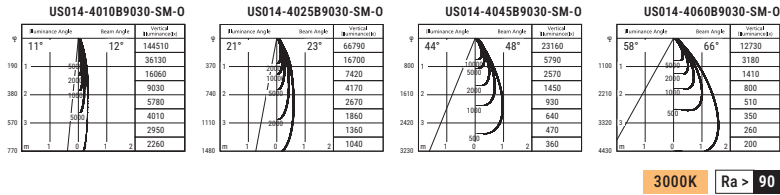


Specifications	
Body	Aluminum
Total Weight	2.4kg
With power supply unit (AC 220-240V)	
O	on-off
DM10	0-10V
DMDA	DALI
TWDA	DALI Tunable White

Type

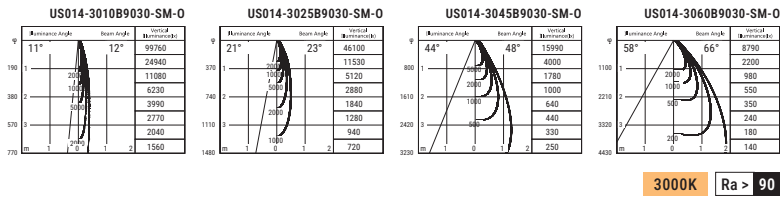
Coming Soon

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
4010 B 90 [XX] - SM - O	41.0W	12°	Ra > 90	2264	2383	2574	2562
4025 B 90 [XX] - SM - O		23°		3412	3592	3879	3861
4045 B 90 [XX] - SM - O		48°		3420	3600	3888	3870
4060 B 90 [XX] - SM - O		66°		3570	3758	4059	4040



3000K Ra > 90

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
3010 B 90 [XX] - SM - O	28.0W	12°	Ra > 90	1563	1645	1777	1768
3025 B 90 [XX] - SM - O		23°		2355	2479	2677	2665
3045 B 90 [XX] - SM - O		48°		2361	2485	2684	2671
3060 B 90 [XX] - SM - O		66°		2464	2594	2802	2789



3000K Ra > 90

Ordering Code Example

US014 – 4010 [B] 90 [30] – [SM] – 0

Colour

CRI

CCT

Type

B : Black
S : Silver

Ra > 90

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

SM : Surface Mount
FP : Flat Plate
SP : Spike
GP : Ground Plate

AS : Arm Spot
PM : Pole Mount
TB : Tree Band

Option

on-off

DM10

DMDA

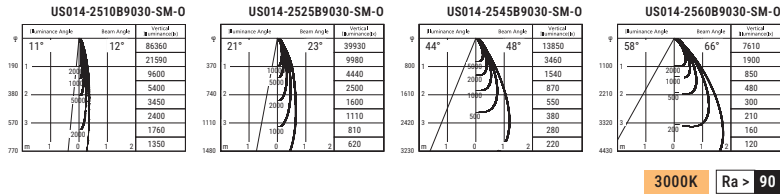
TWDA

0-10V

DALI

DALI Tunable White

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
2510 B 90 [XX] - SM - O	24.0W	12°	Ra > 90	1353	1424	1538	1531
2525 B 90 [XX] - SM - O		23°		2040	2147	2319	2308
2545 B 90 [XX] - SM - O		48°		2044	2152	2324	2313
2560 B 90 [XX] - SM - O		66°		2134	2246	2426	2414



3000K Ra > 90

Options & Accessories for L size

Series	Size	Colour	Option
	L	B (Black)	(none)
SY036 –			– HC (Honeycomb Louver)
		S (Silver)	– DL (Diffusion Lens)
SY037 –			– SL (Spread Lens)
SY038 –			

* For driver size and precise IES file, please contact our sales person.

* For product improvement, the specifications, appearance, are subject to change without prior notice.

eX-Pro L IP65

Φ110 Outdoor Spotlight : Spike

2700K

3000K

3500K

4000K

Narrow

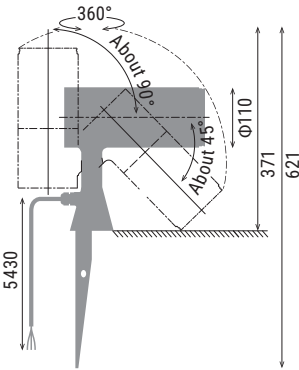
Medium

Flood

Wide Flood

Ra > 90

CECCC



Specifications	
Body	Aluminum
Total Weight	2.5kg
With power supply unit (AC 220-240V)	
O	on-off
DM10	0-10V
DMDA	DALI
TWDA	DALI Tunable White

Type

Surface Mount

Flat Plate

Spike

Ground Plate

Arm Spot

Pole Mount

Coming Soon

SM

FP

SP

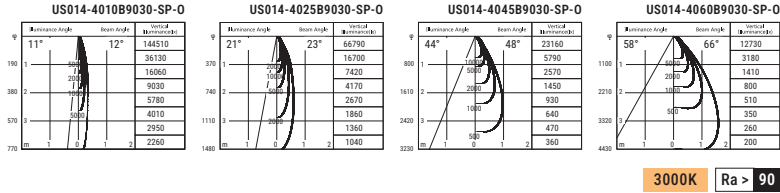
GP

AS

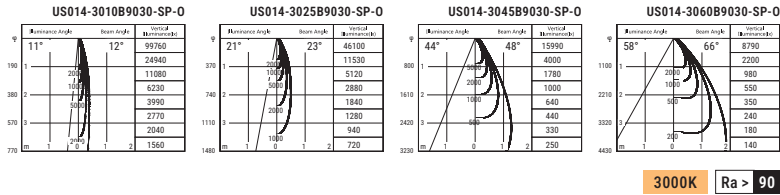
PM

TB

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
4010 B 90 [XX] - SP - O	41.0W	12°	Ra > 90	2264	2383	2574	2562
4025 B 90 [XX] - SP - O		23°		3412	3592	3879	3861
4045 B 90 [XX] - SP - O		48°		3420	3600	3888	3870
4060 B 90 [XX] - SP - O		66°		3570	3758	4059	4040



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
3010 B 90 [XX] - SP - O	28.0W	12°	Ra > 90	1563	1645	1777	1768
3025 B 90 [XX] - SP - O		23°		2355	2479	2677	2665
3045 B 90 [XX] - SP - O		48°		2361	2485	2684	2671
3060 B 90 [XX] - SP - O		66°		2464	2594	2802	2789



Ordering Code Example

US014 – 4010

B

90

30

–

SP

–

O

on-off

DM10

0-10V

DMDA

DALI

TWDA

DALI Tunable White

Option

on-off

0-10V

DALI

DALI Tunable White

Colour

CRI

CCT

Type

B : Black

Ra > 90

27 : 2700K

SM : Surface Mount

FP : Flat Plate

SP : Spike

S : Silver

30 : 3000K

35 : 3500K

40 : 4000K

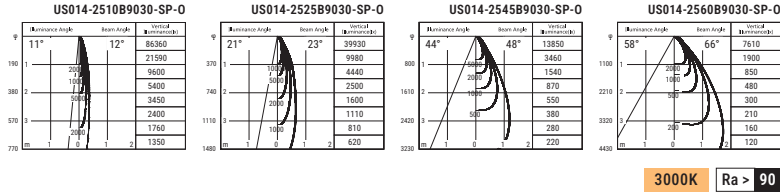
AS : Arm Spot

PM : Pole Mount

TB : Tree Band

GP : Ground Plate

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =)			
				27	30	35	40
Lumen Output (Fixture)							
2510 B 90 [XX] - SP - O	24.0W	12°	Ra > 90	1353	1424	1538	1531
2525 B 90 [XX] - SP - O		23°		2040	2147	2319	2308
2545 B 90 [XX] - SP - O		48°		2044	2152	2324	2313
2560 B 90 [XX] - SP - O		66°		2134	2246	2426	2414



Options & Accessories for L size

Series

Size

Colour

Option

SY036 –

L

B

(Black)

(none)

Honeycomb Louver

SY037 –

S

(Silver)

– DL (Diffusion Lens)

Diffusion Lens

SY038 –

– SL (Spread Lens)

Spread Lens

eX-Pro IP65

Φ110 Outdoor Spotlight : Arm Spot

2700K

3000K

3500K

4000K

Narrow

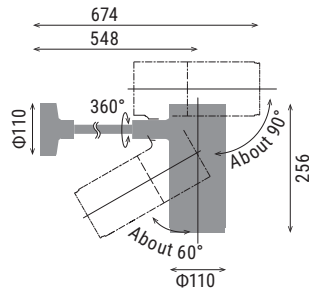
Medium

Flood

Wide Flood

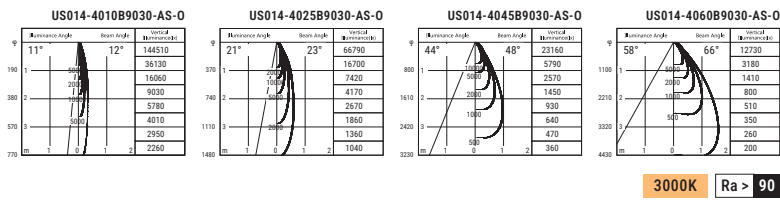
Ra > 90

CE

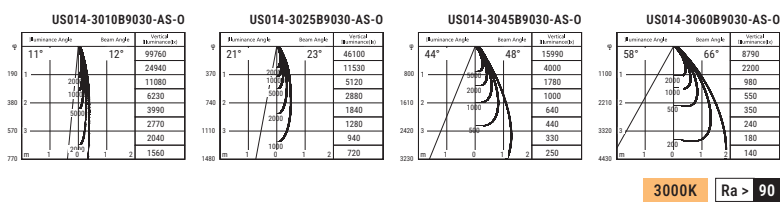


Specifications	
Body	Aluminum
Total Weight	3.1kg
With power supply unit (AC 220-240V)	
O	on-off
DM10	0-10V
DMDA	DALI
TWDA	DALI Tunable White

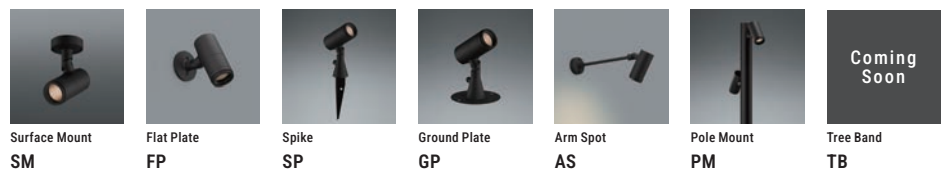
Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT (xx) =				
US014 -	41.0W	12°	Ra > 90	27	30	35	40	
				Lumen Output (Fixture)				
				4010 B 90 xx - AS - O	2264	2383	2574	2562
				4025 B 90 xx - AS - O	3412	3592	3879	3861
				4045 B 90 xx - AS - O	3420	3600	3888	3870
4060 B 90 xx - AS - O		66°		3570	3758	4059	4040	



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT () =				
US014 -	28.0W	12°	Ra > 90	27	30	35	40	
				Lumen Output (Fixture)				
				3010 B 90 - AS - O	1563	1645	1777	1768
				3025 B 90 - AS - O	2355	2479	2677	2665
				3045 B 90 - AS - O	2361	2485	2684	2671
3060 B 90 - AS - O		66°		2464	2594	2802	2789	



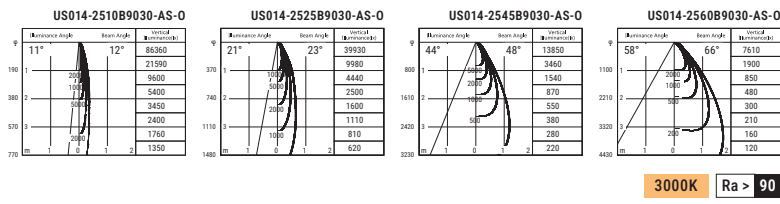
Type



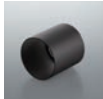
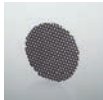
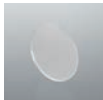
Ordering Code Example

US014 – 4010		B	90	30	–	AS	–	0	on-off
Colour		CRI	CCT	Type					
B : Black		Ra > 90	27 : 2700K	SM : Surface Mount		AS : Arm Spot			
S : Silver			30 : 3000K	FP : Flat Plate		PM : Pole Mount			
			35 : 3500K	SP : Spike		TB : Tree Band			
			40 : 4000K	GP : Ground Plate					
						DM10			0-10V
						DMDA			DALI
						TWDA			DALI Tunable White

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx]) =				
US014 -	24.0W	12°	Ra > 90	27	30	35	40	
				Lumen Output (Fixture)				
				2510 B 90 [xx] - AS - O	1353	1424	1538	1531
				2525 B 90 [xx] - AS - O	2040	2147	2319	2308
				2545 B 90 [xx] - AS - O	2044	2152	2324	2313
2560 B 90 [xx] - AS - O		66°		2134	2246	2426	2414	



Options & Accessories for L size

Series	Size	Colour	Option
 Optical Hood	L	B (Black)	(none)
 Slash Hood			– HC (Honeycomb Louver)  Honeycomb Louver
 Optical Short Hood			– DL (Diffusion Lens)  Diffusion Lens
		S (Silver)	– SL (Spread Lens)  Spread Lens

eX-Pro M IP65

Φ82 Outdoor Spotlight : Spike

2700K

3000K

3500K

4000K

Narrow

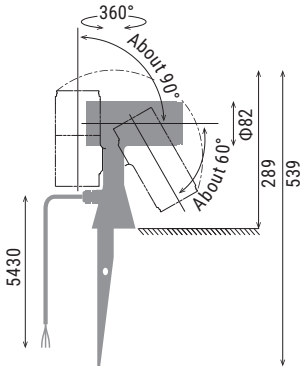
Medium

Flood

Wide Flood

Ra > 90

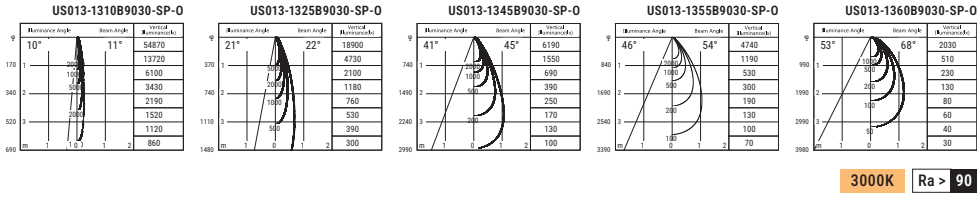
CECCC



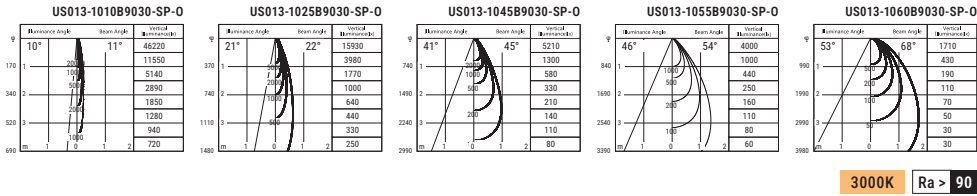
Specifications	
Body	Aluminum
Total Weight	1.5kg
With power supply unit (AC 220-240V)	
O	on-off
DM10	0-10V
DMDA	DALI
TWDA	DALI Tunable White

Type

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =) Lumen Output (Fixture)			
				27	30	35	40
1310 B 90 [XX] - SP - O	13.0W	11°	Ra > 90	572	615	633	664
1325 B 90 [XX] - SP - O		22°		775	833	858	900
1345 B 90 [XX] - SP - O		45°		797	857	883	926
1355 B 90 [XX] - SP - O		54°		870	936	964	1011
1360 B 90 [XX] - SP - O		68°		630	677	697	731



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =) Lumen Output (Fixture)			
				27	30	35	40
1010 B 90 [XX] - SP - O	10.5W	11°	Ra > 90	482	518	534	559
1025 B 90 [XX] - SP - O		22°		653	702	723	758
1045 B 90 [XX] - SP - O		45°		671	722	744	780
1055 B 90 [XX] - SP - O		54°		734	789	813	852
1060 B 90 [XX] - SP - O		68°		531	571	588	617



Ordering Code Example

US013 – 1310 [B] 90 [30] – [SP] – 0

Colour

CRI

CCT

Type

B : Black
S : Silver

Ra > 90

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

SM : Surface Mount
FP : Flat Plate
SP : Spike
GP : Ground Plate

AS : Arm Spot
PM : Pole Mount
TB : Tree Band

Option

DM10

DMDA

TWDA

on-off

0-10V

DALI

DALI Tunable White

Options & Accessories for M size

Series	Size	Colour	Option
	M	B (Black)	(none)
SY036 –			– HC (Honeycomb Louver)
		S (Silver)	– DL (Diffusion Lens)
SY037 –			– SL (Spread Lens)
SY038 –			

* For driver size and precise IES file, please contact our sales person.

* For product improvement, the specifications, appearance, are subject to change without prior notice.

eX-Pro M IP65

Φ82 Outdoor Spotlight : Arm Spot

2700K

3000K

3500K

4000K

Narrow

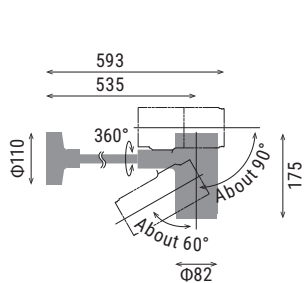
Medium

Flood

Wide Flood

Ra > 90

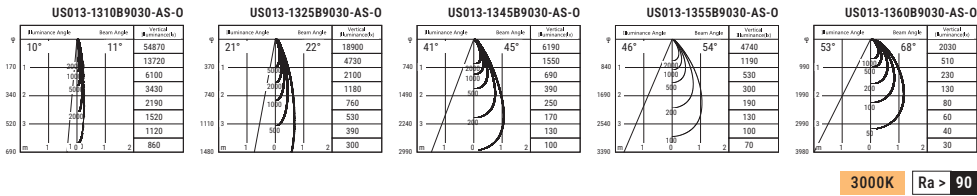
CECCC



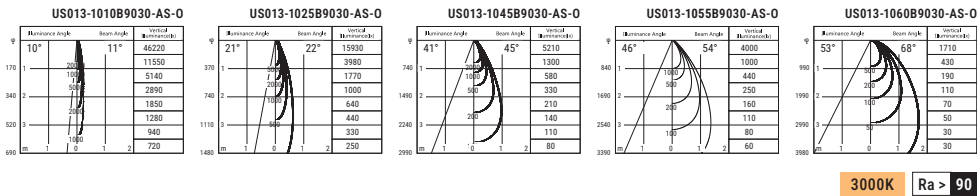
Specifications	
Body	Aluminum
Total Weight	1.9kg
With power supply unit (AC 220-240V)	
O	on-off
DM10	0-10V
DMDA	DALI
TWDA	DALI Tunable White

Type

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =) Lumen Output (Fixture)			
				27	30	35	40
1310 B 90 [XX] - AS - O	13.0W	11°	Ra > 90	572	615	633	664
1325 B 90 [XX] - AS - O		22°		775	833	858	900
1345 B 90 [XX] - AS - O		45°		797	857	883	926
1355 B 90 [XX] - AS - O		54°		870	936	964	1011
1360 B 90 [XX] - AS - O		68°		630	677	697	731



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =) Lumen Output (Fixture)			
				27	30	35	40
1010 B 90 [XX] - AS - O	10.5W	11°	Ra > 90	482	518	534	559
1025 B 90 [XX] - AS - O		22°		653	702	723	758
1045 B 90 [XX] - AS - O		45°		671	722	744	780
1055 B 90 [XX] - AS - O		54°		734	789	813	852
1060 B 90 [XX] - AS - O		68°		531	571	588	617



Ordering Code Example

US013 – 1310 [B] 90 [30] – [AS] – 0

Colour

CRI

CCT

Type

B : Black
S : Silver

Ra > 90

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

SM : Surface Mount
FP : Flat Plate
SP : Spike
GP : Ground Plate

AS : Arm Spot
PM : Pole Mount
TB : Tree Band

Option

DM10

DMDA

TWDA

on-off

0-10V

DALI

DALI Tunable White

Options & Accessories for M size

Series	Size	Colour	Option
	M	B (Black)	(none)
			– HC (Honeycomb Louver)
		S (Silver)	– DL (Diffusion Lens)
			– SL (Spread Lens)

* For driver size and precise IES file, please contact our sales person.

* For product improvement, the specifications, appearance, are subject to change without prior notice.

eX-Pro S IP65

Φ55 Outdoor Spotlight : Surface Mount

2700K

3000K

3500K

4000K

Narrow

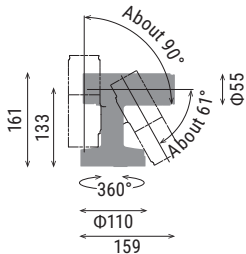
Medium

Flood

Wide Flood

Ra > 90

CECCC



Specifications	
Body	Aluminum
Total Weight	0.92kg
With power supply unit (AC 220-240V)	
0	on-off

Type

Surface Mount
SM

Flat Plate
FP

Spike
SP

Ground Plate
GP

Arm Spot
AS

Pole Mount
PM

Coming
Soon
TB

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =) Lumen Output (Fixture)			
US012 -				27	30	35	40
0510 B 90 [XX] - SM - 0	7.2W	10°	Ra > 90	240	250	263	268
0525 B 90 [XX] - SM - 0		23°		338	352	370	377
0545 B 90 [XX] - SM - 0		45°		363	378	397	404
0555 B 90 [XX] - SM - 0		63°		348	362	380	387
0560 B 90 [XX] - SM - 0		65°		231	241	253	258

US012-0510B9030-SM-0

US012-0525B9030-SM-0

US012-0545B9030-SM-0

US012-0555B9030-SM-0

US012-0560B9030-SM-0

3000K Ra > 90

Ordering Code Example

US012 – 0510 [B] 90 [30] – [SM] – 0

Colour

CRI

CCT

Type

Type

B : Black
S : Silver

Ra > 90

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

SM : Surface Mount
FP : Flat Plate
SP : Spike
GP : Ground Plate

AS : Arm Spot
PM : Pole Mount
TB : Tree Band

on-off

Options & Accessories for S size

Series	Size	Colour	Ordering Code Example: SY036 - SB - HC	
			Option	
Optical Hood	S	B (Black)	(none)	
			– HC (Honeycomb Louver)	Honeycomb Louver
Slash Hood		S (Silver)	– DL (Diffusion Lens)	Diffusion Lens
Optical Short Hood			– SL (Spread Lens)	Spread Lens

eX-Pro S IP65

Φ55 Outdoor Spotlight : Spike

2700K

3000K

3500K

4000K

Narrow

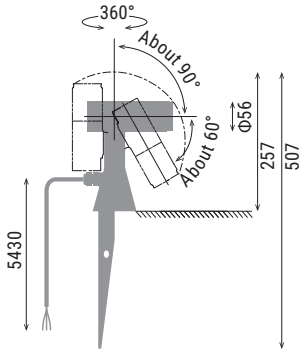
Medium

Flood

Wide Flood

Ra > 90

CECCC



Specifications	
Body	Aluminum
Total Weight	0.95kg
With power supply unit (AC 220-240V)	
0	on-off

Type

Surface Mount
SM

Flat Plate
FP

Spike
SP

Ground Plate
GP

Arm Spot
AS

Pole Mount
PM

Coming Soon

Tree Band
TB

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)			
				27	30	35	40
Lumen Output (Fixture)							
US012 -							
0510 B 90 [xx] - SP - 0	7.2W	10°	Ra > 90	240	250	263	268
0525 B 90 [xx] - SP - 0		23°		338	352	370	377
0545 B 90 [xx] - SP - 0		45°		363	378	397	404
0555 B 90 [xx] - SP - 0		63°		348	362	380	387
0560 B 90 [xx] - SP - 0		65°		231	241	253	258
US012-0510B9030-SP-0 US012-0525B9030-SP-0 US012-0545B9030-SP-0 US012-0555B9030-SP-0 US012-0560B9030-SP-0 3000K Ra > 90							

Ordering Code Example

US012 – 0510 [B] 90 [30] – [SP] – 0

Colour

CRI

CCT

Type

Type

B : Black
S : Silver

Ra > 90

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

SM : Surface Mount
FP : Flat Plate
SP : Spike
GP : Ground Plate

AS : Arm Spot
PM : Pole Mount
TB : Tree Band

on-off

Options & Accessories for S size

Series	Size	Colour	Option
Optical Hood	S	B (Black)	(none)
SY036 –			– HC (Honeycomb Louver)
SY037 –		S (Silver)	– DL (Diffusion Lens)
SY038 –			– SL (Spread Lens)

* For driver size and precise IES file, please contact our sales person.

* For product improvement, the specifications, appearance, are subject to change without prior notice.

eX-Pro S IP65

Φ55 Outdoor Spotlight : Arm Spot

2700K

3000K

3500K

4000K

Narrow

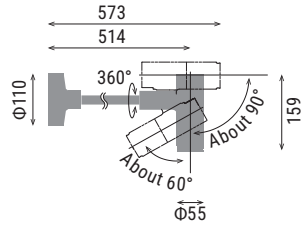
Medium

Flood

Wide Flood

Ra > 90

CECCC



Specifications	
Body	Aluminum
Total Weight	1.5kg
With power supply unit (AC 220-240V)	
0	on-off

Type

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([XX] =) Lumen Output (Fixture)			
				27	30	35	40
0510 B 90 [XX] - AS - 0	7.2W	10°	Ra > 90	240	250	263	268
0525 B 90 [XX] - AS - 0		23°		338	352	370	377
0545 B 90 [XX] - AS - 0		45°		363	378	397	404
0555 B 90 [XX] - AS - 0		63°		348	362	380	387
0560 B 90 [XX] - AS - 0		65°		231	241	253	258

US012-0510B9030-AS-0

US012-0525B9030-AS-0

US012-0545B9030-AS-0

US012-0555B9030-AS-0

US012-0560B9030-AS-0

3000K Ra > 90

Ordering Code Example

US012 – 0510 [B] 90 [30] – [AS] – 0

Colour

CRI

CCT

Type

Type

B : Black
S : Silver

Ra > 90

27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K

SM : Surface Mount
FP : Flat Plate
SP : Spike
GP : Ground Plate

AS : Arm Spot
PM : Pole Mount
TB : Tree Band

on-off

Options & Accessories for S size

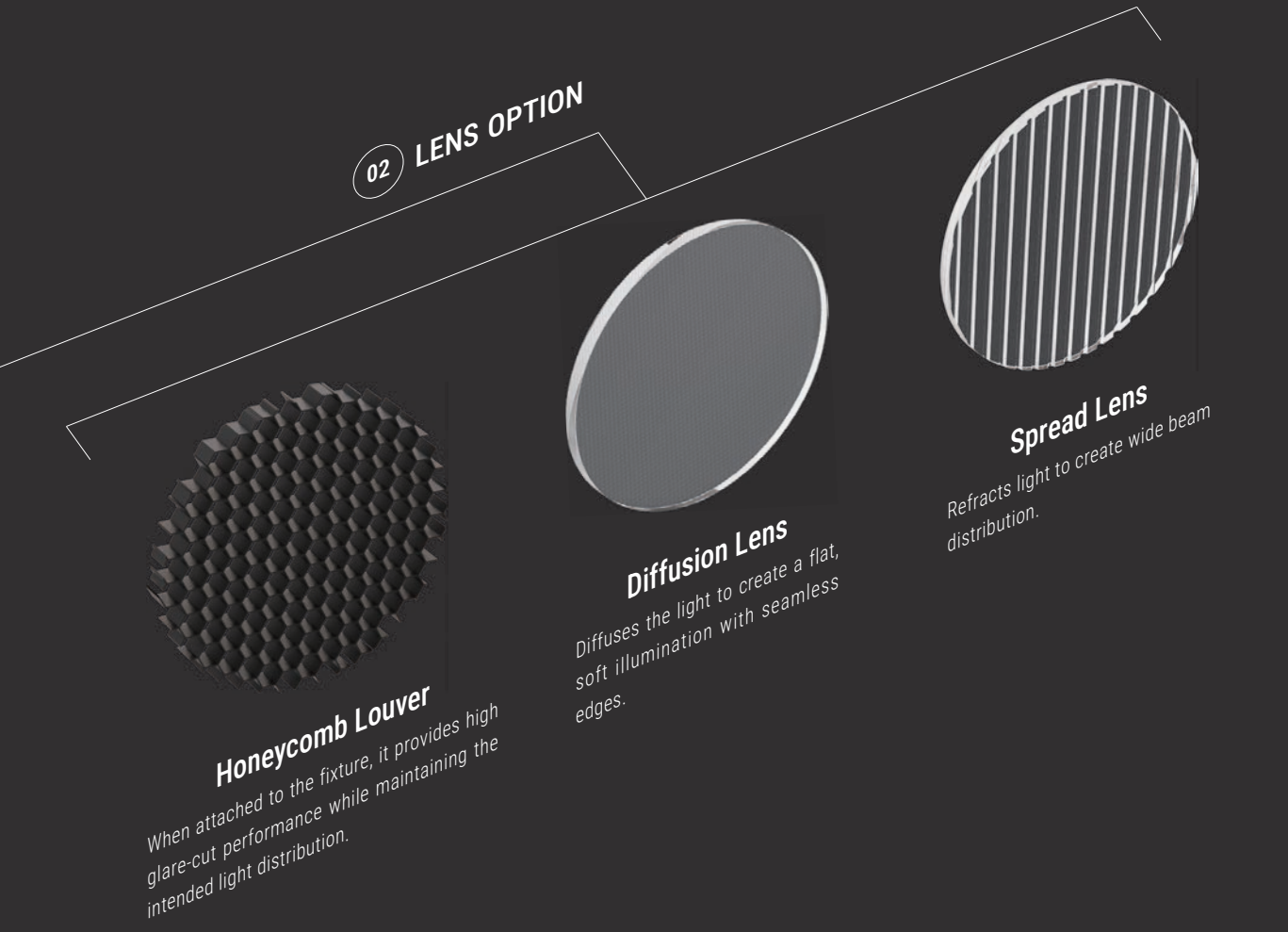
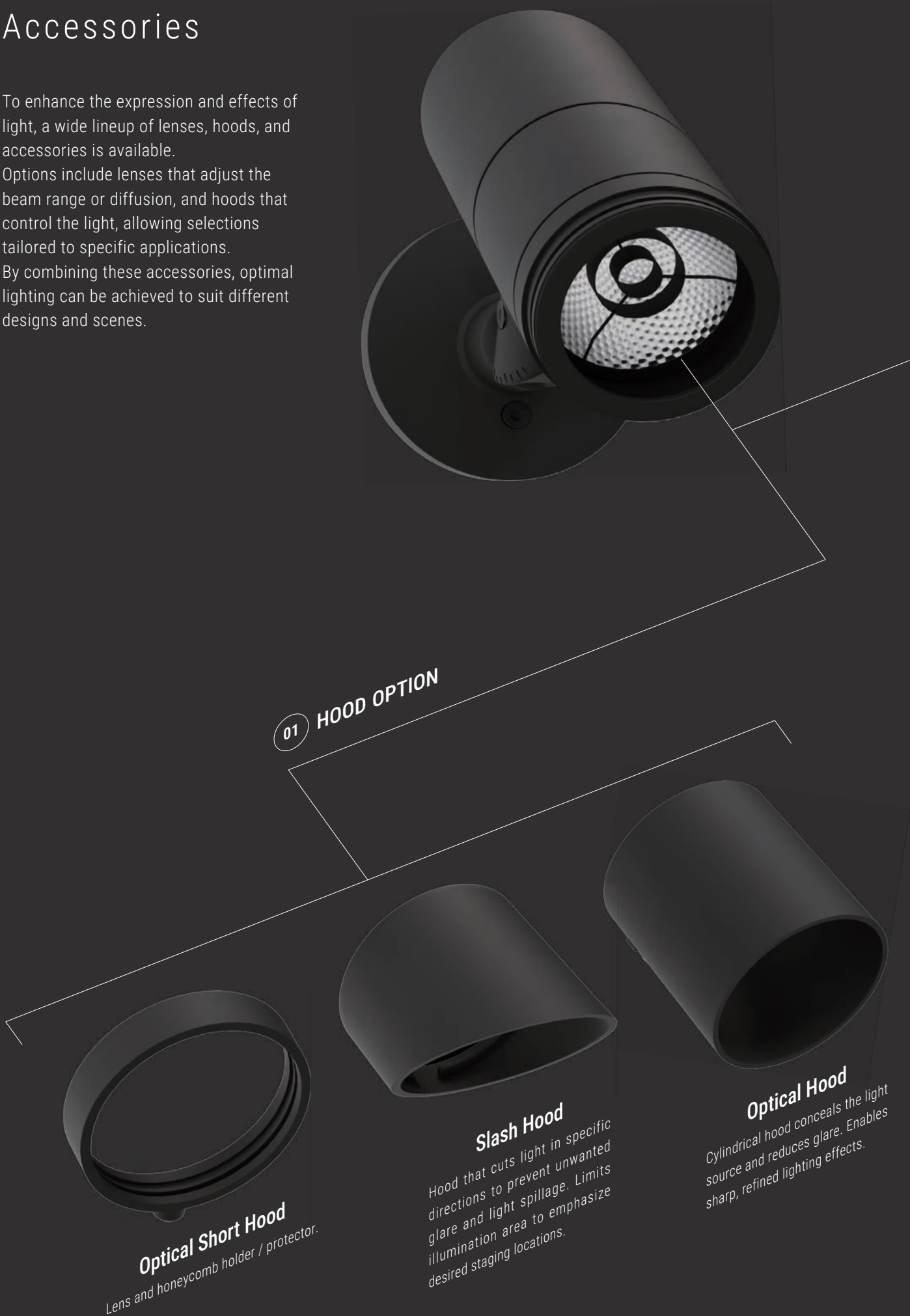
Series	Size	Colour	Option
SY036 –	S	B (Black)	(none)
SY037 –			– HC (Honeycomb Louver)
SY038 –		S (Silver)	– DL (Diffusion Lens)
			– SL (Spread Lens)

* For driver size and precise IES file, please contact our sales person.

* For product improvement, the specifications, appearance, are subject to change without prior notice.

Accessories

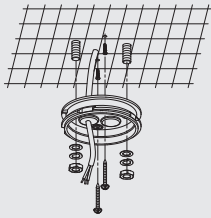
To enhance the expression and effects of light, a wide lineup of lenses, hoods, and accessories is available. Options include lenses that adjust the beam range or diffusion, and hoods that control the light, allowing selections tailored to specific applications. By combining these accessories, optimal lighting can be achieved to suit different designs and scenes.



Series	Size	Colour	Option
 Optical Hood			(none)
	L	B (Black)	– HC (Honeycomb Louver)  Honeycomb Louver
 Slash Hood	M		– DL (Diffusion Lens)  Diffusion Lens
	S	S (Silver)	– SL (Spread Lens)  Spread Lens
 Optical Short Hood			

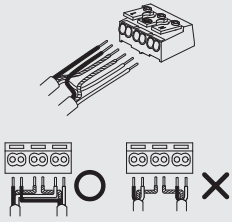
Installation Instructions

Surface Mount



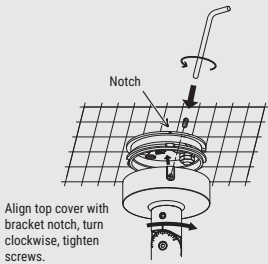
01.

Attach the mounting bracket.



02.

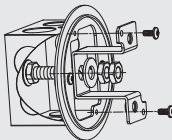
Connect the power wire.



03.

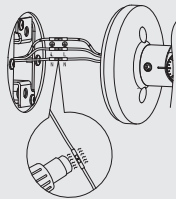
Install the fixture body.

Flat Plate



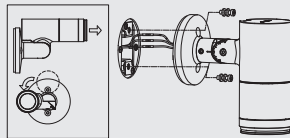
01.

Attach the mounting bracket.



02.

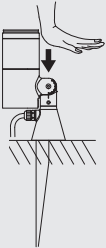
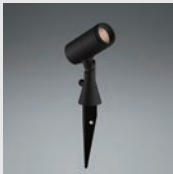
Connect the power wire.



03.

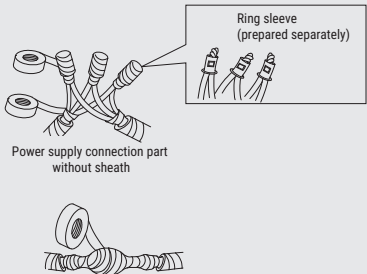
Install the fixture body.

Spike



01.

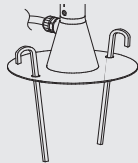
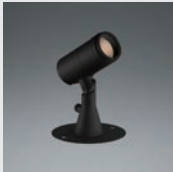
Drive the spike into the ground.



02.

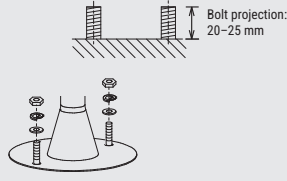
Connect the power wire.

Ground Plate



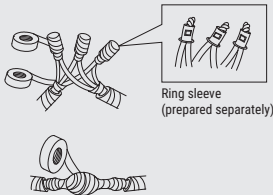
01.

Attach the mounting plate
(for ground installation).



01.

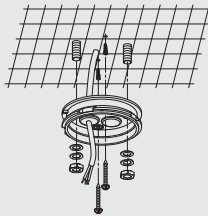
Attach the mounting plate
(for concrete or wood deck installation).



02.

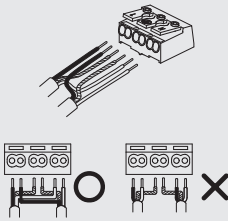
Connect the power wire.

Arm Spot



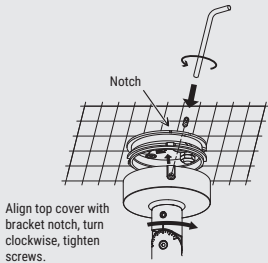
01.

Attach the mounting bracket.



02.

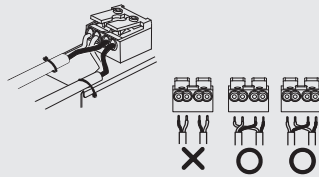
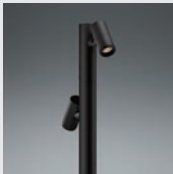
Connect the power wire.



03.

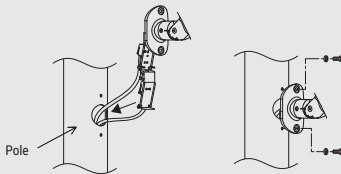
Install the fixture body.

Pole Mount



01.

Connect the signal wires and power wires.



02.

Install on the pole.

IP65 × IK08

= Durable Outdoor Lighting

eX-Pro features a robust design with IP65 dust and water resistance with IK08 impact protection. It safeguards the fixture against dust, rain, and external impacts in outdoor environments, ensuring stable, long-term illumination.



The IP (Ingress Protection) rating is an international standard defined by IEC 60529 and JIS C 0920, indicating the level of dust and water resistance. It is represented by two digits: the first for dust protection and the second for water protection, evaluating how well electrical equipment withstands the intrusion of dust and water.

eX-Pro is rated IP65, providing complete dust protection and high waterproof performance against water jets from any direction. In addition, its breather structure prevents condensation that often occurs when installed at low positions, ensuring stable performance over the long term.

1st Number	Protection Against Dust		
IP0	Not protected		
IP1	Solid objects 50mm diameter or larger (such as hands) cannot penetrate inside		Protection against hand contact
IP2	Solid objects 12mm diameter or larger (such as fingers) cannot penetrate inside		Protection against finger contact
IP3	Tools or solid objects 2.5mm diameter or larger cannot penetrate inside		Protection against tool tips
IP4	Wires or solid objects 1.0mm diameter or larger cannot penetrate inside		Protection against wires and similar objects
IP5	Dust that could impair normal operation or compromise safety cannot penetrate inside		Protection against dust
IP6	Complete protection against dust ingress		Complete dust-proof structure

IP65

No harmful effects from water jets from any direction

Complete dust-proof structure



The IK (Impact Protection) rating, defined by IEC 62262, is an index of impact resistance that indicates how well a fixture can withstand mechanical shocks from external sources. The higher the value, the greater the impact resistance, serving as a standard for evaluating safety and reliability in public facilities and outdoor environments.

eX-Pro complies with IK08, providing durability to withstand 5 joules of impact (equivalent to a 1.7kg object dropped from 30cm height). This ensures reliable long-term use even in environments prone to external impacts.

IK Rating	Energy (J: Joules)	Protection against impact
IK00	No protection	Not protected
IK01	0.14J	
IK02	0.20J	Resistant to impact of 200g dropped from 10cm
IK03	0.35J	Resistant to impact of 200g dropped from 17.5cm
IK04	0.50J	Resistant to impact of 200g dropped from 25cm
IK05	0.70J	Resistant to impact of 200g dropped from 35cm
IK06	1.00J	Resistant to impact of 500g dropped from 20cm
IK07	2.00J	Resistant to impact of 500g dropped from 40cm
IK08	5.00J	Resistant to impact of 1.7kg dropped from 30cm
IK09	10.00J	Resistant to impact of 5kg dropped from 20cm
IK10	20.00J	Resistant to impact of 5kg dropped from 40cm



arkia

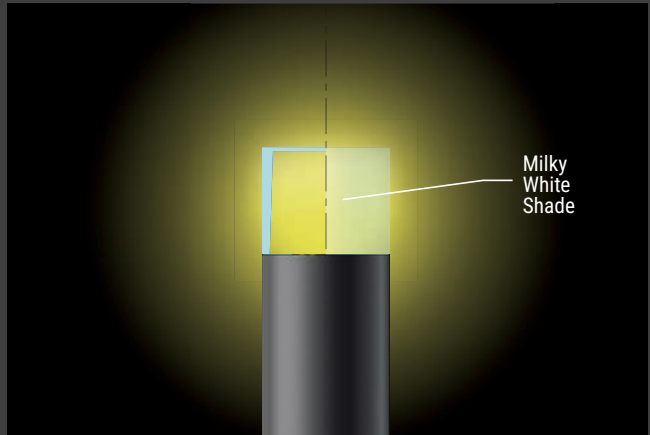
Outdoor Series

	UG004	IP54	Long	P.198
Exterior Garden Light : Diffuse Distribution				
	UG004	IP54	Short	P.199
Exterior Garden Light : Diffuse Distribution				
	UG005	IP54	Long	P.200
Exterior Garden Light : Indirect Distribution				
	UG005	IP54	Short	P.201
Exterior Garden Light : Indirect Distribution				
	UB001	IP44		P.202
35 Exterior Spot Light : Wall Mounted				
	US001	IP65		P.203
35 Exterior Spot Light : Spike Type				

Architectural Pole Light with a Slim $\phi 60$

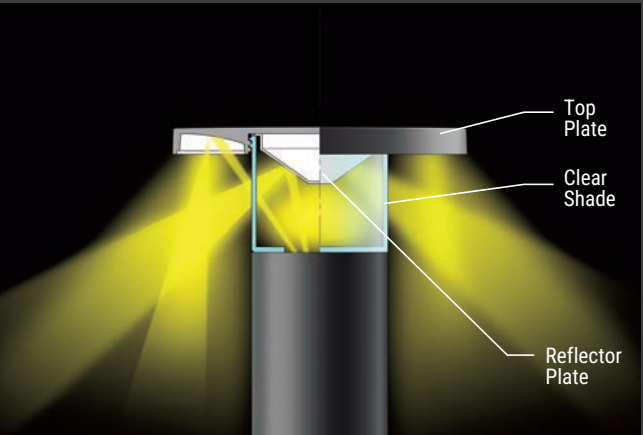
Arkia is a minimalist exterior lighting series with high architectural compatibility. Featuring a slim $\phi 60$ profile that preserves aesthetic harmony, the slender pole light seamlessly blends into architectural lines, suppressing the fixture's presence while highlighting the effect of light.

In addition to two distribution types (Diffuse and Indirect) to choose the expression of light, two length options (Long and Short) allow selection based on mounting height and surrounding scale. Designed to achieve optimal proportions for the space while considering pedestrian sightlines, it suppresses glare on the emitting surface. Soft light spreading over a wide area firmly illuminates pathways and plantings.



Diffuse Distribution Type: Spread Soft Light

While ensuring a sense of visual brightness with diffused light, it softly spreads light to the surrounding area.



Indirect Distribution Type: Illuminating Wide Areas

Considering pedestrian sightlines, it suppresses glare on the emitting surface while firmly illuminating pathways and plantings with soft light that spreads over a wide area.

Compact $\phi 35$ Spotlight for Landscape Lighting

This compact $\phi 35$ spotlight is designed to blend naturally into outdoor environments, delivering high-precision lighting required for landscape and architectural features. Versatile mounting options and an excellent angle adjustment mechanism allow accurate illumination of targeted elements, such as trees and architectural details. It enables impressive lighting presentations without compromising the overall design of the space.



Wall Brackets Beautifully Integrated into Architecture

Featuring a compact $\phi 35$ size that blends beautifully into the landscape, it minimizes the fixture's presence while providing ideal accent lighting to delicately enhance gardens, planters, and architectural details.



Exceptional Adjustability for Flexible Lighting Design

Offering 120° vertical adjustment and 350° horizontal rotation, the luminaire provides exceptional aiming flexibility. The fixture can tilt below the horizontal plane, enabling precise illumination of floor-level areas.



A 37 mm Flange Width Enables Installation in Confined Spaces

By adopting an ultra-compact 37 mm flange, it can be neatly recessed even in space-constrained applications. Even when used for uplighting, it minimizes the fixture's presence to achieve a beautiful finish.

arkia

Long

IP54

Exterior Garden Light : Diffuse Distribution



2700K

Ra > 80

CECCC

UG004 – 03

DB

80

27

L

Body Colour

DB : Black
DS : Silver

CRI

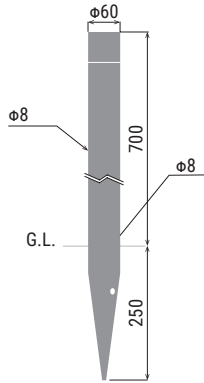
Ra > 80

CCT

27 : 2700K

Length

L : Long



Specifications	
Lamp	LED mini-bulb, 40W equivalent
Body	Die-cast aluminum, painted finish
Shade	Acrylic, milky white
Total Weight	1.1kg
Voltage	DC 24V
IP54	
Heavy-duty salt-resistant specification	
Not compatible with dimmers	
A separate cabtyre cable is required	



Our Recommendation

DC 24V Power Supply	IP67
meanwell XLG Series XLG-75-24 (75W)	
Operate at 70% or less of the power supply's maximum rated power.	
Waterproof IP67	



arkia

Short

IP54

Exterior Garden Light : Diffuse Distribution



2700K

Ra > 80

CECCC

UG004 – 03

DB

80

27

S

Body Colour

DB : Black
DS : Silver

CRI

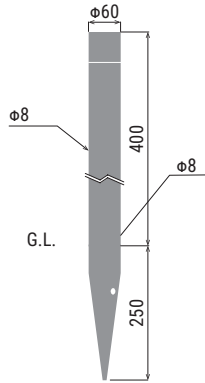
Ra > 80

CCT

27 : 2700K

Length

S : Short



Specifications	
Lamp	LED mini-bulb, 40W equivalent
Body	Die-cast aluminum, painted finish
Shade	Acrylic, milky white
Total Weight	0.9kg
Voltage	DC 24V
IP54	
Heavy-duty salt-resistant specification	
Not compatible with dimmers	
A separate cabtyre cable is required	



Our Recommendation

DC 24V Power Supply	IP67
meanwell XLG Series XLG-75-24 (75W)	
Operate at 70% or less of the power supply's maximum rated power.	
Waterproof IP67	

arkia

IP44

Φ35 Exterior Spot Light : Wall Mounted

2700K

Ra > 80

CECCC

UB001 – 0625

B

80

27

Colour

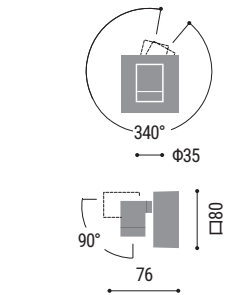
CRI

CCT

B : Black
S : Silver

Ra > 80

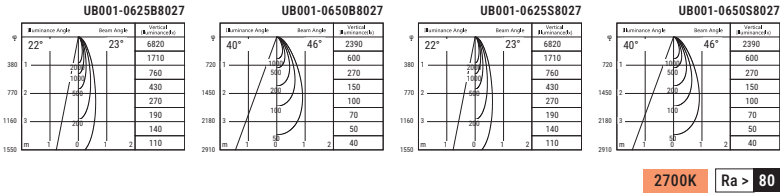
27 : 2700K



Specifications	
Body	Aluminum die-cast, satin black painted finish
Front Panel	Acrylic, transparent
Total Weight	0.4kg
Voltage	AC 220-240V
IP44	
Salt-resistant specification	



Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)
UB001 -				27
Lumen Output (Fixture)				
0625 B 80 27	6.0W	23°	Ra > 80	422
0650 B 80 27		46°		410
0625 S 80 27		23°		422
0650 S 80 27		46°		410



2700K

Ra > 80

arkia

IP65

Φ35 Exterior Spot Light : Spike Type

2700K

Ra > 80

CECCC

US001 – 0425

B

80

27

Colour

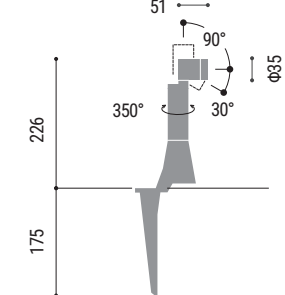
CRI

CCT

B : Black
S : Silver

Ra > 80

27 : 2700K



Specifications	
Body	Aluminum die-cast, satin black painted finish
Panel	Acrylic, transparent
Total Weight	1.1kg
Voltage	DC 24V
IP65	
Salt-resistant specification	



Our Recommendation

DC 24V Power Supply

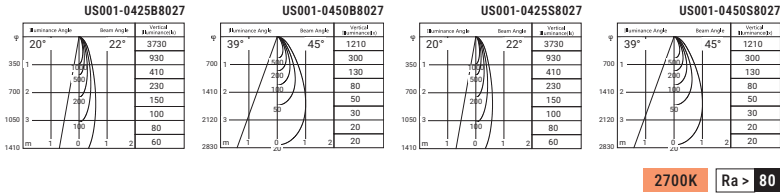
IP67

meanwell XLG Series
XLG-75-24 (75W)

Operate at 70% or less of the power supply's maximum rated power.

Waterproof IP67

Ordering Code	Wattage	Beam Angle	CRI (Ra)	CCT ([xx] =)
US001 -				27
Lumen Output (Fixture)				
0425 B 80 27	3.0W	22°	Ra > 80	202
0450 B 80 27		45°		197
0425 S 80 27		22°		202
0450 S 80 27		45°		197



2700K

Ra > 80



Accessories

Track Light

DD136

Optical Hood

L



White DY043-LW
Black DY043-LB

36.0W | 28.0W | 23.0W

M



White DY043-MW
Black DY043-MB

23.0W | 20.0W

S



White DY043-SW
Black DY043-SB

18.6W | 10.5W | 7.5W

L



White DY057-LW
Black DY057-LB

36.0W | 28.0W | 23.0W

M



White DY057-MW
Black DY057-MB

23.0W | 20.0W

S



White DY057-SW
Black DY057-SB

18.6W | 10.5W | 7.5W

L



White DY046-LWB
Black DY046-LBB

36.0W | 28.0W | 23.0W

M



White DY046-MWB
Black DY046-MBB

23.0W | 20.0W

S



White DY046-SWB
Black DY046-SBB

18.6W | 10.5W | 7.5W

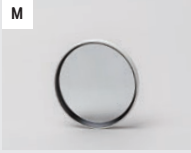
L



White DY044-LWB
Black DY044-LBB

36.0W | 28.0W | 23.0W

M



White DY044-MWB
Black DY044-MBB

23.0W | 20.0W

S



White DY044-SWB
Black DY044-SBB

18.6W | 10.5W | 7.5W

L



White DY045-LWB
Black DY045-LBB

36.0W | 28.0W | 23.0W

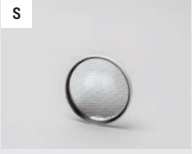
M



White DY045-MWB
Black DY045-MBB

23.0W | 20.0W

S



White DY045-SWB
Black DY045-SBB

18.6W | 10.5W | 7.5W

Cylinder Box / Arm

SD357
SD382

M



White SY015-MW
Black SY015-MB

35.8W | 33.8W | 30.3W | 23.2W

S



White SY015-SW
Black SY015-SB

23.2W | 19.9W | 13.4W | 7.2W

SD379
SD279

Honeycomb Louver



Φ60mm SY020-XX
Φ45mm SY026-XX

Diffusion Lens



Φ60mm SY021-XX
Φ45mm SY027-XX

Spread Lens



Φ60mm SY022-XX
Φ45mm SY028-XX

Frosted Lens



Φ60mm SY023-XX
Φ45mm SY029-XX

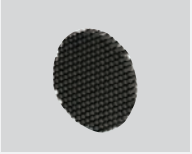
Hood



Φ60mm SY024-XX
Φ45mm SY030-XX

DD130
DD131

Honeycomb Louver



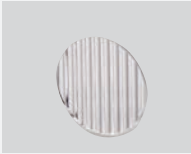
DD130 DY067-HN
DD131 DY068-HN

Diffusion Lens



DD130 DY067-DL
DD131 DY068-DL

Spread Lens



DD130 DY067-SL
DD131 DY068-SL

Frosted Lens



DD130 DY067-XL
DD131 DY068-XL

Blur Lens



DD130 DY067-BL
DD131 DY068-BL

Track Parts

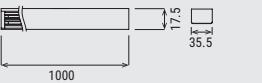
UL Track Light

Track Rail / 1m

White PR0-0310A-9010
Black PR0-0310A

Body	Aluminum alloy/copper Fine white (Black) paint
Weight	0.5kg

With power supply unit (AC 220-240V)

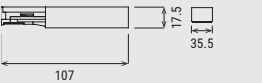


Feed-In Cap

White PR0-0331-9010
Black PR0-0331

Body	Aluminum alloy/plastic Fine white (Black) paint
Weight	0.05kg

With power supply unit (AC 220-240V)

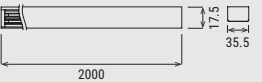


Track Rail / 2m

White PR0-0320A-9010
Black PR0-0320A

Body	Aluminum alloy/copper Fine white (Black) paint
Weight	1.0kg

With power supply unit (AC 220-240V)

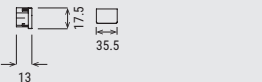


End Cap

White PR0-0332-9010
Black PR0-0332

Body	Aluminum alloy/plastic Fine white (Black) paint
Weight	0.02kg

With power supply unit (AC 220-240V)

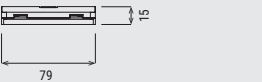


Joiner

White PR0-0333-9010
Black PR0-0333

Body	Aluminum alloy/plastic Fine white (Black) paint
Weight	0.05kg

With power supply unit (AC 220-240V)



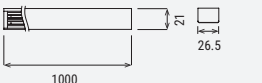
48V Track Light

Track Rail / 1m

White RP002-LV4S1000W
Black RP002-LV4S1000B

Body	Aluminum alloy/copper Fine white (Black) paint
Weight	0.5kg

With power supply unit (AC 220-240V)

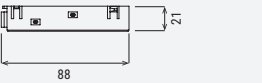


Feed-In Cap

White RP002-LV4SFDW
Black RP002-LV4SFD B

Body	Aluminum alloy/plastic Fine white (Black) paint
Weight	0.05kg

With power supply unit (AC 220-240V)

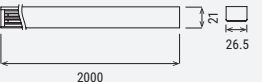


Track Rail / 2m

White RP002-LV4S2000W
Black RP002-LV4S2000B

Body	Aluminum alloy/copper Fine white (Black) paint
Weight	1.0kg

With power supply unit (AC 220-240V)

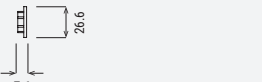


End Cap

White RP002-LV4SECW
Black RP002-LV4SECB

Body	Aluminum alloy/plastic Fine white (Black) paint
Weight	0.02kg

With power supply unit (AC 220-240V)



Joiner

White RP002-LV4SCNTFW
Black RP002-LV4SCNTFB

Body	Aluminum alloy/plastic Fine white (Black) paint
Weight	0.05kg

With power supply unit (AC 220-240V)



Showroom & Lab

Our global showrooms and laboratories help customers explore and verify lighting solutions.
We bridge concept and application through our expertise.

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Lighting Lab in Japan



OSAKA

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3-1 Ofukacho, Kita-ku, Osaka, Japan



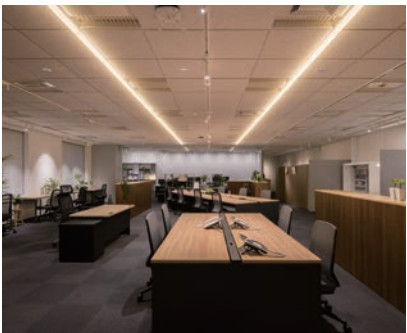
TOKYO

Address 3-12 Sakumacho, Kanda, Chiyoda-ku, Tokyo, Japan



NAGOYA

Address Glass City Sakae 13F, Room 1301,
3-11-31 Sakae, Naka-ku, Nagoya, Aichi, Japan



FUKUOKA

Address Higashi-Hie Business Center 7F,
3-1-2 Higashi-Hie, Hakata-ku, Fukuoka, Japan



OKINAWA

Address 102, 5-2-5 Nishihara, Urasoe-shi,
Okinawa, Japan

R&D CENTER

Address 2-3-5 Higashinakamoto, Higashinari-ku, Osaka, Japan

Koizumi R&D Center "Innovation Lab," completed in 2017, was designed as architecture in harmony with the environment. By controlling lighting, air conditioning, and blinds through DALI systems and observing the relationship between illumination and workplace behavior, we research and creates innovative lighting solutions while reducing environmental impact. From this facility, we develop next-generation lighting and deliver it to countries worldwide.



Warranty & After-Sales Service

After-Sales Services

1. Free Warranty Period: 36 months.

Excluding exterior products (24 months). (Lamp is not included. Warranty period of lamp will be according to the lamp manufacturer. Warranty period will be half, if the product is used more than 20 hours per day). For the electrical parts (ballast etc.), only if it is being used in the rated voltage, the warranty period will be 36 months after the purchase date. The date on receipt will be the purchase date. If there is no document that specifies the date of purchase, the production date will become the purchase date (If products have failures under warranty though utilized according to the instruction manual and precautions on the body label, they will be repaired or replaced for free with an equivalent type of product at that time.

2. Repairs after Warranty Period:

For product which is out of warranty period or being out of order due to improper use, charged repair is available, the actual amount will be charged case by case.

Questions and Consultation

For any questions or consultation regarding repairs, contact the dealer you purchased products.

Note for Purchase

For product improvement, the specifications and appearance are subject to change without prior notice.

General Safety Instructions

Operating Environment and Conditions

1. Follow the installation and instruction manuals when mounting and using fixtures. Improper mounting or use may cause fires, electric shocks, dropping, etc.
2. Do not use fixtures with any power voltages other than that indicated (rated voltage $\pm 5\%$). Otherwise, it may cause fires and electric shocks.
3. Do not use fixtures in any environments other than that with ambient temperature of 10~30°C and humidity of 45%~85%. If a temperature or a humidity exceeds those ranges, that may cause fires, dropping, discolouration, deformation, and unusual lighting quality.
4. Do not use fixtures in places affected by vibration, impact, dust, corrosive gas, and flammable gas. Otherwise, it may cause fires, electing shocks, dropping, etc.
5. Do not use fixtures for special purposes such as for transport, medical care, photo shooting, and signal lamps. Otherwise, it may cause accidents and dropping due to fires electric shocks and noise. Please select the suitable products for your purpose.
6. We offer fixtures for general indoor use, outdoor use, and humid surroundings. Please select fixtures which should be suitable for that place to use. Otherwise, it may cause fires, electric shock, dropping, etc.
7. Some fixtures need to be mounted in a specific place or direction. Usage in unspecified place or direction may cause fires, electric shocks, dropping, etc.

Guideline for Use

1. Some fixtures have a limitation on distance between fixtures and illuminated surfaces. Please keep a safe distance according to indications on fixtures and the instruction manual. If lighting distance is closer than the limitation that may cause fires, deformation and discolouration due to burning of the illuminated object.
2. Do not use any lamp other than that specified in indications on body of fixture, the instruction manual, etc. Improper selection of lamps may cause fires and unusual lighting quality.
3. Do not cover fixtures and lamps with a cloth, paper, etc. Otherwise, it may cause fires, deformation and discolouration.
4. Do not insert metal into clearance or heat sink. Such acts may cause electric shocks or failure.

Mounting / Installation

1. The installation of fixtures requires special electric construction by qualified constructor or electrical worker. Electrical construction by people other than experts is prohibited by law. Such an act may cause fires, electric shock, etc.
2. Make sure that a place to mount a fixture can support the weight of the fixture. Insufficient strength may cause fires electric shocks, and dropping.
3. Do not mount fixtures close to fire or high heat source. If fixtures are mounted too close to them, it may cause fire, dropping or unusual lighting quality.
4. Do not mount fixtures near air outlets of air-conditioning units. Vibration and sudden changes in temperature and in humidity may cause dropping or unusual lighting quality.
5. If the mounting surface is uneven, please take proper care for waterproof. Insufficient waterproof property may cause eclectic shocks and unusual lighting quality due to entering of water or humidity.
6. Do not convert fixtures or add / replace parts.

Maintenance / Inspection

1. Please make sure to have maintenance and inspection while you are using. The service life of fixture depends on the using conditions, please replace the fixtures after a reasonable time period. It is recommended to have maintenance and inspection every 6 months.
2. Before performing fixtures maintenance or lamp replacement, please make sure that the power is turned off.
3. Do not touch lamps or fixtures while lighting or immediately after turned off, since they are extremely hot.
4. Install covers and globes according to indications on fixtures and the instruction manual.