

ELLA
LED Downlight System

2021.04
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Factory in Shenzhen China

Size: 370X260mm

Coza Hotel and Residential
Downlight collection

Ella Downlight Series



Who We Are

We are based in Shenzhen China; we mainly support lighting design house all over the world. Our light is not cheap but price reasonable, and nice European level quality. Our Spain, US and Bulgaria customer loves our products. They feedback that "Coza Lighting is nicer than we expected". Our factory has many different products but only the best quality level product Marked Coza Victora brand, QC standard has the Genes European customer wants.

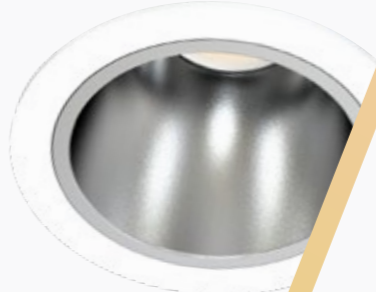
ELLA is more advanced than VILLA downlight system. It is aesthetic designed, precise light controlled, UGR<19, compact format super modular design. LED light engine works with numerous mounting rings, application particular strength in hotels, residential, or any indoor commercial environments. Round as well as square designs with fixed and adjustable beam angle options. Various wattages enable adaptations to different needs.



**Super
Modular
Design
Brings
Infinite
Possibilities!**

ELLA

LED Downlight System



HOTEL
P15-46

RESIDENTIAL
P49-72

COMMERCIAL
P73-82

DEEP ANTI-GLARE
P83-92

WALL WASHER
P93-96

Anti-glare
Accessory

Beam lens

LED Module

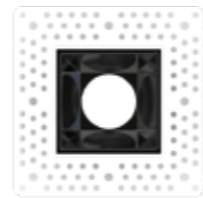
Hotel
Mounting Ring

Residential
Mounting Ring

Commercial
Mounting Ring

Deep Anti-Glare
Mounting Ring

Wall Washer
Mounting Ring



ELLA

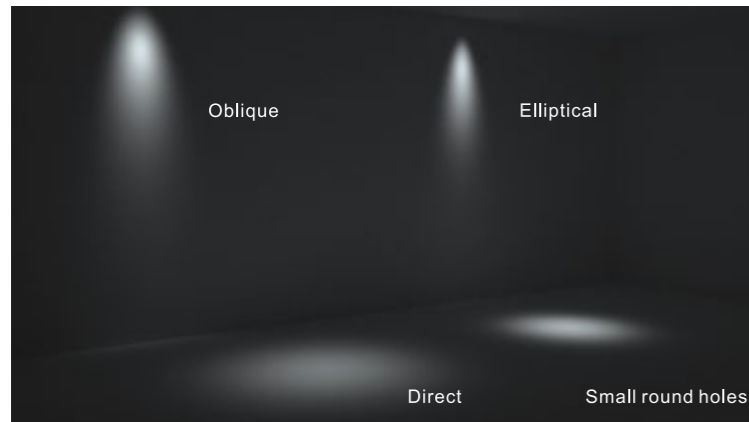
LED Downlight System

ELLA OVERVIEW

Module	EM050		EM060		EM070		EM090						
Category	Hotel		Residential				Residential		Commercial		Deep Anti-Glare		Wall Washer
	Adjustable		Fixed	Adjustable			Fixed		Adjustable		Fixed		Fixed
Mounting Ring													
Picture													
Cut-out (mm)													
Trim Diameter (mm)													
Wattage & Luminous Flux	5W 339lm, 8W 519lm, 10W 836lm	15W 1195lm, 20W 1813lm, 25W 2058lm, 30W 2265lm, 35W 2700lm	5W 358lm, 8W 410lm, 10W 938lm, 15W 1321lm, 20W 1982lm			25W 2214lm, 30W 2046lm, 35W 2875lm	5W 377lm, 8W 625lm, 10W 929lm, 15W 13254lm, 20W 1881lm, 25W 2031lm, 30W 2435lm, 35W 2842lm	10W 877lm, 15W 1253lm, 20W 1847lm, 25W 2008lm, 30W 2305lm, 35W 2707lm	10W 932lm, 15W 1298lm				
Beam Angle(°)	15°, 24°, 38°, 55°				15°, 24°, 38°, 55°								
Color Temperature	2700K 3000K 4000K				2700K 3000K 4000K								
Color Rendering Index_CRI	80+, 90+				80+, 90+								
Dimming Control	On-off, Phase dim, 1-10V, DALI, Tunable White, Dim to warm				On-off, Phase dim, 1-10V, DALI, Tunable White, Dim to warm								
Trimless Version													
Secondary Reflector					Anti-glare Accessory Honeycomb Soft lens								
Pendant					Ceiling thickness 8mm-20mm		5mm-20mm		1mm-20mm				

- Light

Light is an experience.
 Light creates unique atmospheres.
 Thanks to combination of a precision light beam lens and secondary reflector, ELLA releases a high quality light in the end.
 The light direction can be tilt 30° to wash the wall or face to the floor with clean & smooth light distribution.

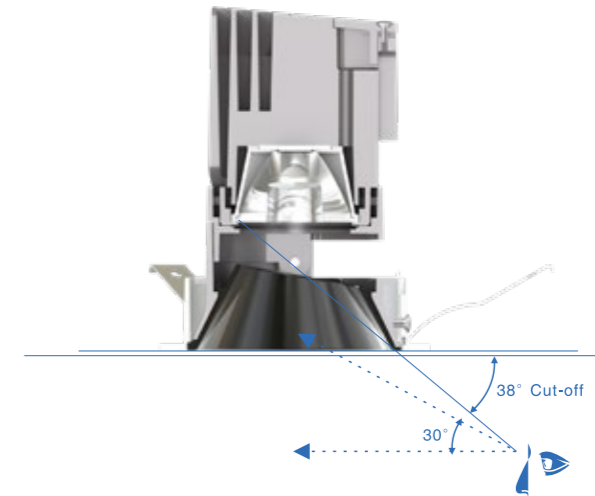


- Precise control of light

Four kinds of facial rings can be selected to create different light spot atmosphere and outstanding light shape. Optional oblique/direct/elliptical/small round holes.

- Anti-glare

In the glare free angle, there is no direct view of the LED and the visible part of the reflector produces practically no glare at all. The zone offers very high visual comfort.

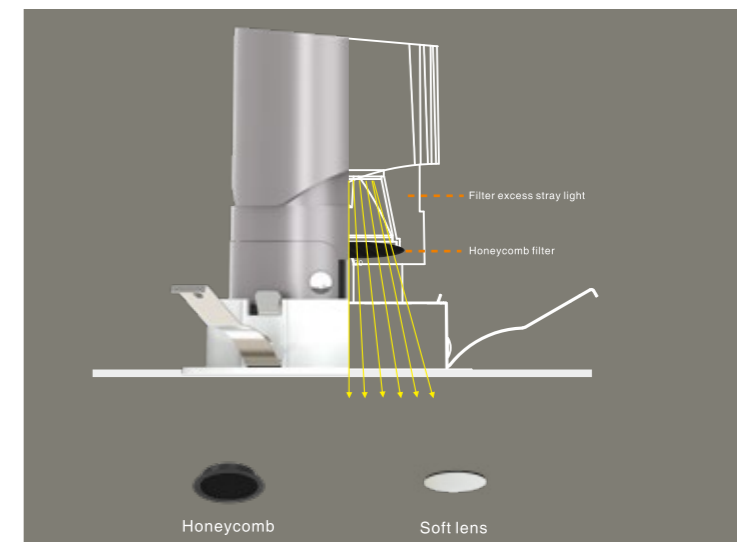
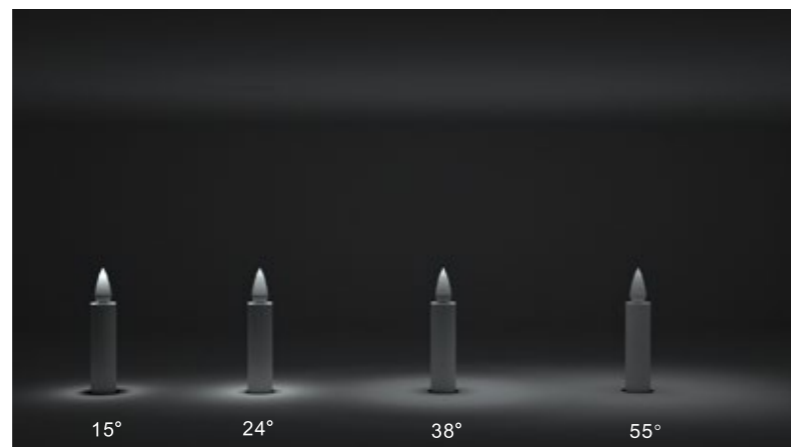


- Anti-glare Accessories

Honeycomb filter and soft lens can be added to provide maximum visual comfort.

- Beam angle

ELLA has 15°, 24°, 38°, 55° beam angle for your choice, you also can add anti-glare accessories to create visual comfort.



Main Material

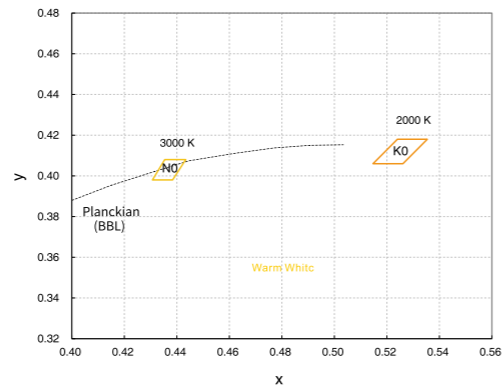
2 Dim-to Warm



2000K-3000K
CRI90

High flux density of lighting source
Good color uniformity
RoHS compliant
More energy efficient than incandescent and most halogen lamps
No UV
Long lifetime

Color Tolerance SDCM<2



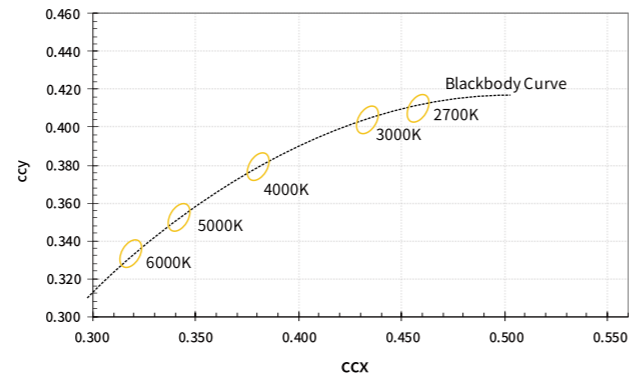
3 Tunable White



2700K-6000K
CRI90

Tunable White technology regains the dynamics of white light, i.e. the temperature variation from 2700K to 6000K, while maintaining lighting intensity.

Graph of Bins in xy Color Space, Tc=85C



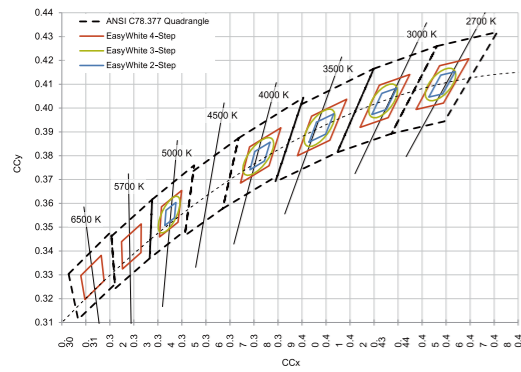
1 Static White



2700K, 3000K, 3500K, 4000K and 5000K
CRI80, CRI90, CRI95

Excellent optical emission uniformity and color over angle consistency
Exceptional long term color stability
Superior thermal conductivity for uniform heat spreading
Environmentally friendly: RoHS and REACH compliant

Color Tolerance SDCM<3



Step 2: Can't perceive color difference
Step 3: Difficult to perceive color difference
Step 4: Can perceive color difference

European Market AC200-240V Market



OSRAM LED Driver



OSRAM

Product description

- Versatile scope of application due to output power range of up to 40 W
- Fulfill safety requirement due to overload, over temperature protection
- High efficiency
- High quality of light thanks to <1% output ripple current
- Small housing for flexible luminaire designs

Functions

- Over voltage protection
- Short-circuit protection
- Over temperature protection
- No-load protection

Standards

EN 55015
EN 61000-3-2
EN 61000-3-3
EN 61347-1
EN 61347-2-1
EN 61547
EN 62384

American Market AC120V Market



EPT Driver



EPT

Product description

- Constant current/Constant voltage
- Dual function dimming modes 0-10V/Phase Control
- Very high efficiency up to 90%
- Very small size
- Tc max 90 Life expectancy of 50,000h at T case ≤75
- Isolated 0-10V interface
- Output open/short protection
- High dimmer compatibility
- UL Listed
- Class II

Functions

- Under voltage protection
- Over-current and short-circuit protection

Standards

UL8750
UL1310 Class 2
CSA22.2
FCC-PART-15B
EN61000-4-2,3,4,5,6,8,11; EN61547

YG LED Driver



Product description

- Safety isolation between primary and secondary
- A rated lifetime of 50, 000 hours @ Tc=80°C
- Safety: UL8750, UL1310 Class 2, CSA22.2, EN61347
- EMC: FCC 47CFR Part 15, Class B @ 120V & Class A @ 277V, EN55015
- Inrush Current Limiting Circuitry: AC Power Line: line to line 2 kV, eliminates circuit breaker tripping, switch arcing and relay failure
- Plastic shell, Used with silicone potting. Meet the RoHS directive
- IP65, NEMA4 compliant for Dry, Damp
- 100% performance tested with CHROMA 8000 system at YG factory
- 100% burned in with program-control test system at YG factory, at 50 degrees ambient temperature

Functions

- Under voltage protection
- Over-current and short-circuit protection

Standards

UL8750
UL1310 Class 2
CSA22.2
FCC-PART-15B
EN61000-4-2,3,4,5,6,8,11; EN61547

1 LED Module

Beam lens and Honeycomb filter are modular design.
Replacing different beam lens or Honeycomb filter without any needs for tools.
IP44 is achievable thanks to its waterproof construction design.



2 Mounting Ring (for Hotel version only)

Trim and secondary reflector are modular design(only for ELLA-Hotel series).
Easily pull and push to get your preferred trim or trimless ring and colorful secondary reflectors.








































































3 Luminaire

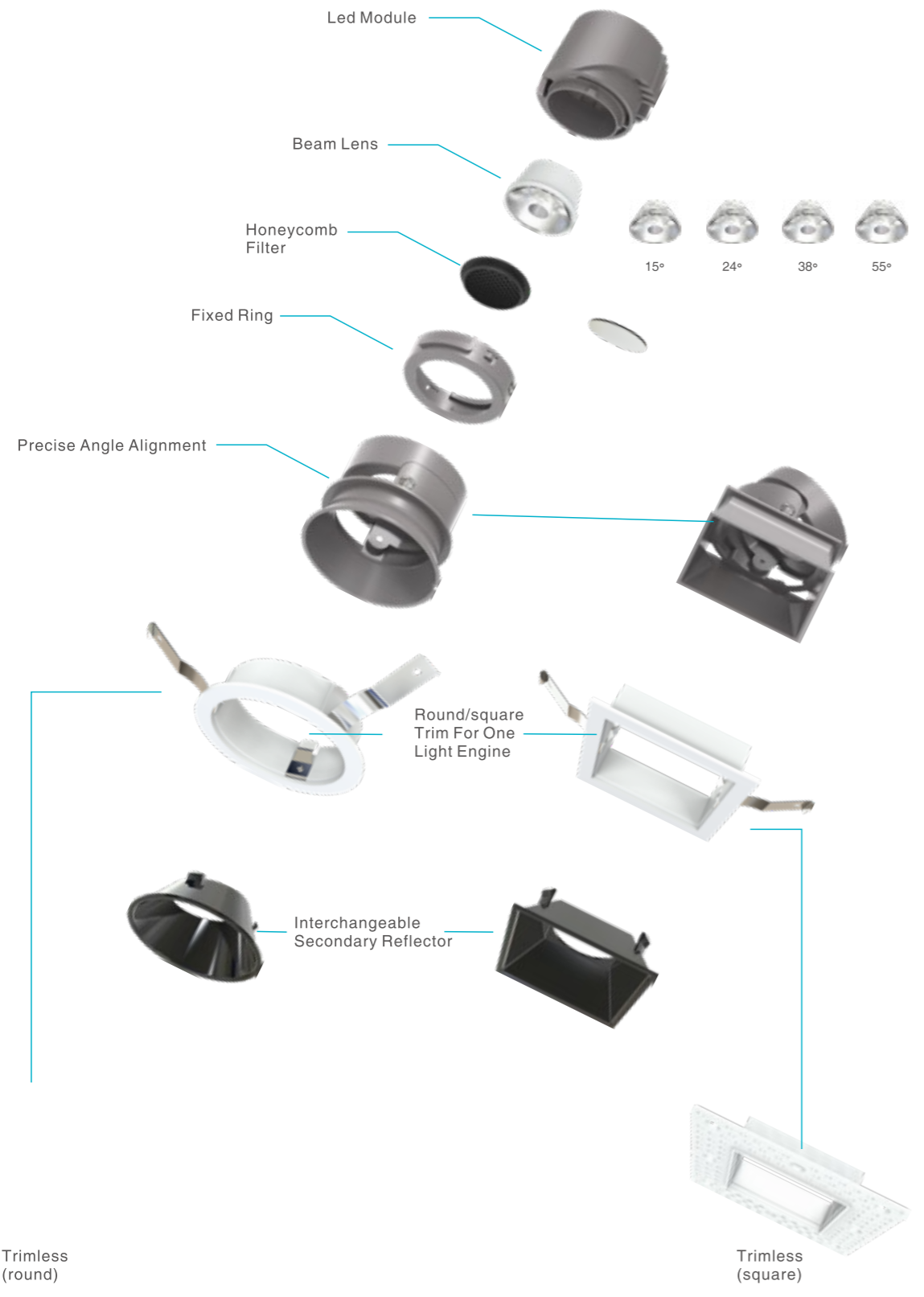
One LED Module can fit numerous mounting rings!
You just simply counterclockwise to change the different mounting ring,
and rotate clockwise to fix the mounting ring.





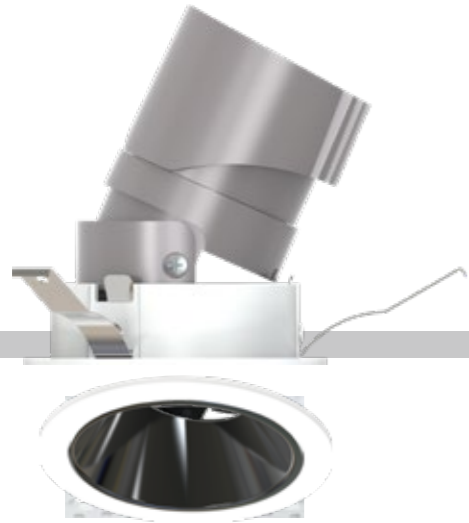
ELLA-Hotel Series Overview

Module	 EM050		 EM060		 EM070		 EM090				
Category	Hotel										
	Adjustable	Fixed	Adjustable		Fixed	Adjustable		Fixed	Adjustable		Fixed
Mounting Ring	 EF51RA01	 EF51RF01	 EF61RA01	 EF61SA01	 EF61RF01	 EF71RA01	 EF71SA01	 EF71RF01	 EF91RA01	 EF91SA01	 EF91RF01
Picture&Name	 EM050-EF51RA01	 EM050-EF51RF01	 EM060-EF61RA01	 EM060-EF61SA01	 EM060-EF61RF01	 EM070-EF71RA01	 EM070-EF71SA01	 EM070-EF71RF01	 EM090-EF91RA01	 EM090-EF91SA01	 EM090-EF91RF01
Cutout (mm)											
Trim Diameter (mm)	 Φ62	 Φ62	 Φ85	 85x85	 Φ85	 Φ115	 112x112	 Φ115	 Φ140	 140x140	 Φ140
Wattage & Luminous Flux	5W 339lm	8W 519lm	10W 836lm		15W 1195lm	20W 1813lm		25W 2058lm	30W 2265lm		35W 2700lm
Beam Angle(°)	15°, 24°, 38°, 55°		15°, 24°, 38°, 55°		15°, 24°, 38°, 55°		15°, 24°, 38°, 55°		15°, 24°, 38°, 55°		
Color Temperature	2700K 3000K 4000K		2700K 3000K 4000K		2700K 3000K 4000K		2700K 3000K 4000K		2700K 3000K 4000K		
Color Rendering Index_CRI	80+, 90+		80+, 90+		80+, 90+		80+, 90+		80+, 90+		
Dimming Control	On-off, Phase dim, 1-10V, DALI, Tunable White, Dim to warm										
Trimless Version	 EM050-EF51RA01T	 EM050-EF51RF01T	 EM060-EF61RA01T	 EM060-EF61SA01T	 EM060-EF61RF01T	 EM070-EF71RA01T	 EM070-EF71RF01T	 EM090-EF91RA01T	 EM090-EF91SA01T	 EM090-EF91RF01T	
Pendant			 EM060-EP61RF01		 EM060-EP61RF02						
Secondary Reflector	 Black	 Bright silver	 Matt silver	 Gold							
Anti-glare Accessory	 Honeycomb		 Soft Lens								
	<p>Ceiling thickness</p>  8mm-20mm  5mm-20mm  1mm-20mm										



Trimless (round)

Trimless (square)



Round Adjustable

2 sizes with wattage 9W-25W.
355° rotation and 30° tilt.



Round Adjustable Trimless

Make your downlight invisible in the ceiling.
355° rotation and 30° tilt.



Square Adjustable

A combination of recessed secondary reflector and deep beam lens provides maximum visual comfort.



Square Adjustable Trimless

Make your downlight invisible in the ceiling.
355° rotation and 30° tilt.

ELLA-Hotel Series

Adjustable Down Light

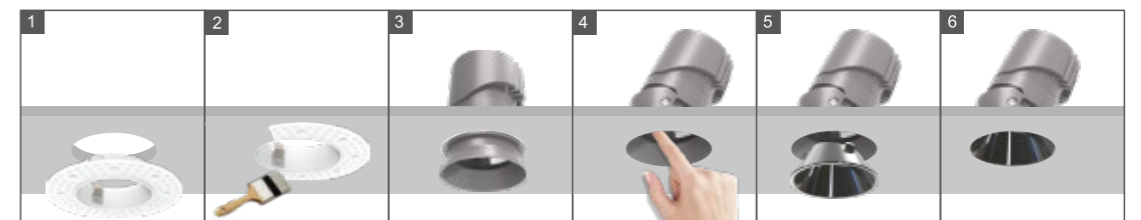
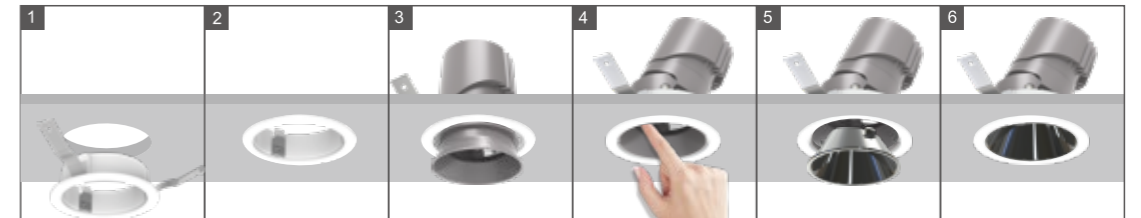


Round Fix

2 sizes with wattage 9W-25W.
355° rotation and 30° tilt.

Round Fix Trimless

Make your downlight invisible in the ceiling.
355° rotation and 30° tilt.



ELLA-Hotel Series
Fixed Down Light



Round-Adjustable



Round-Fixed

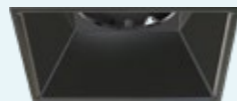
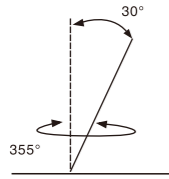


Square-Adjustable



Secondary Reflector Color





ELLA-Hotel Series

Adjustable Down Light



MAIN FEATURES

- Elegant & compact in its style, versatile in its using.
- Precise light control, 15°, 24°, 38°, 55° beam lens options.
- Interchangeable different color secondary reflectors for anti-glare and decorative function.
- Super modular design, replacing LED module, mounting ring, beam lens, honeycomb filter and secondary reflectors without any needs for tools.
- 355° rotation and 30° tilt.
- Anti-glare accessories provide maximum visual comfort.
- Ip20 is standard, IP44 is optional.



EM050-EF51RA01



EM060-EF61RA01



EM070-EF71RA01



EM090-EF91RA01



EM050-EF51RA01T



EM060-EF61RA01T



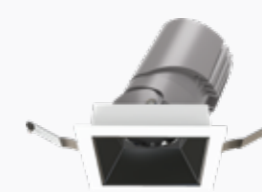
EM070-EF71RA01T



EM090-EF91RA01T



EM060-EF61SA01



EM070-EF71SA01



EM090-EF91SA01



EM060-EF61SA01T

Order options

LED MODULE



EM050

SYSTEM POWER

5W
8W

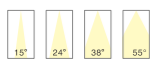
COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

TRIM



EF51RA01

TRIMLESS



EF51RA01T

ANTI-GLARE ACCESSORY



Honeycomb Soft Lens

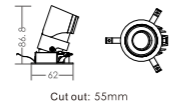
SECONDARY REFLECTOR



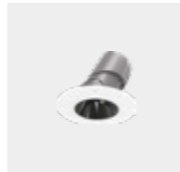
Black (Standard) Matt silver
Bright silver Gold



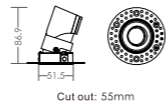
EM050-EF51RA01



Cut out: 55mm

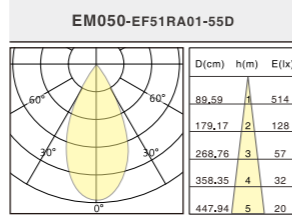
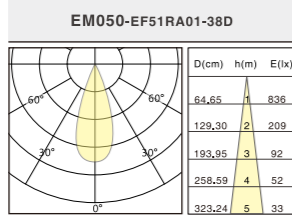
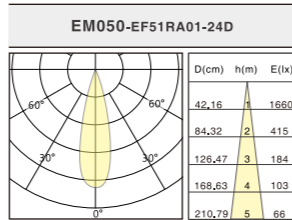
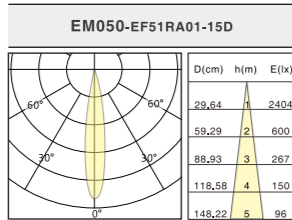


EM050-EF51RA01T



Cut out: 55mm

3000K CRI90



Welcome to contact sales@encore-tech.com, ask the latest IES files.

Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM050-EF51RA01-15D	5 W	120mA	270 lm	90+	2700K	15°
EM050-EF51RA01-15D	5 W	120mA	301 lm	90+	3000K	15°
EM050-EF51RA01-24D	5 W	120mA	293 lm	90+	2700K	24°
EM050-EF51RA01-24D	5 W	120mA	326 lm	90+	3000K	24°
EM050-EF51RA01-38D	5 W	120mA	319 lm	90+	2700K	38°
EM050-EF51RA01-38D	5 W	120mA	332 lm	90+	3000K	38°
EM050-EF51RA01-55D	5 W	120mA	306 lm	90+	2700K	55°
EM050-EF51RA01-55D	5 W	120mA	319 lm	90+	3000K	55°
EM050-EF51RA01-15D	8 W	180mA	397 lm	90+	2700K	15°
EM050-EF51RA01-15D	8 W	180mA	442 lm	90+	3000K	15°
EM050-EF51RA01-24D	8 W	180mA	464 lm	90+	2700K	24°
EM050-EF51RA01-24D	8 W	180mA	516 lm	90+	3000K	24°
EM050-EF51RA01-38D	8 W	180mA	467 lm	90+	2700K	38°
EM050-EF51RA01-38D	8 W	180mA	519 lm	90+	3000K	38°
EM050-EF51RA01-55D	8 W	180mA	443 lm	90+	2700K	55°
EM050-EF51RA01-55D	8 W	180mA	493 lm	90+	3000K	55°

Order options

LED MODULE



EM060

SYSTEM POWER

10W
15W

COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

TRIM



EF61RA01

TRIMLESS



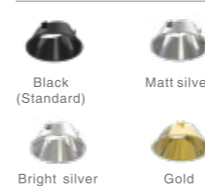
EF61RA01T

ANTI-GLARE ACCESSORY



Honeycomb Soft Lens

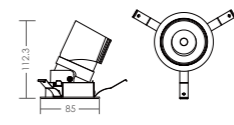
SECONDARY REFLECTOR



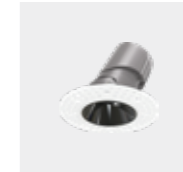
Black (Standard) Matt silver
Bright silver Gold



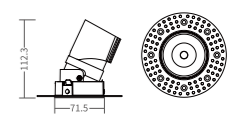
EM060-EF61RA01



Cut out: 75mm

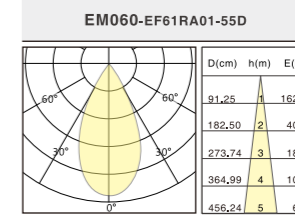
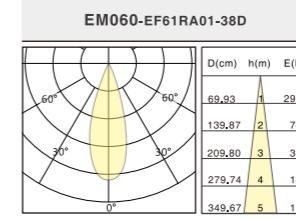
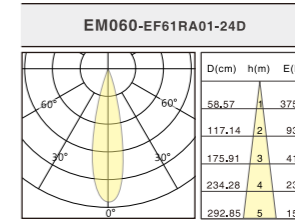
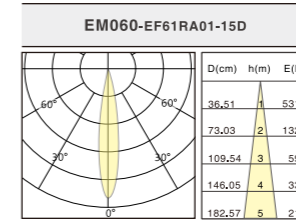


EM060-EF61RA01T



Cut out: 75mm

3000K CRI90



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM060-EF61RA01-15D	10 W	250mA	642 lm	90+	2700K	15°
EM060-EF61RA01-15D	10 W	250mA	714 lm	90+	3000K	15°
EM060-EF61RA01-24D	10 W	250mA	720 lm	90+	2700K	24°
EM060-EF61RA01-24D	10 W	250mA	800 lm	90+	3000K	24°
EM060-EF61RA01-38D	10 W	250mA	752 lm	90+	2700K	38°
EM060-EF61RA01-38D	10 W	250mA	836 lm	90+	3000K	38°
EM060-EF61RA01-55D	10 W	250mA	684 lm	90+	2700K	55°
EM060-EF61RA01-55D	10 W	250mA	760 lm	90+	3000K	55°
EM060-EF61RA01-15D	15 W	350mA	918 lm	90+	2700K	15°
EM060-EF61RA01-15D	15 W	350mA	1020 lm	90+	3000K	15°
EM060-EF61RA01-24D	15 W	350mA	1029lm	90+	2700K	24°
EM060-EF61RA01-24D	15 W	350mA	1144 lm	90+	3000K	24°
EM060-EF61RA01-38D	15 W	350mA	1075 lm	90+	2700K	38°
EM060-EF61RA01-38D	15 W	350mA	1195 lm	90+	3000K	38°
EM060-EF61RA01-55D	15 W	350mA	978 lm	90+	2700K	55°
EM060-EF61RA01-55D	15 W	350mA	1087 lm	90+	3000K	55°

Order options

LED MODULE



EM070

SYSTEM POWER

20W
25W

COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

TRIM



EF71RA01

TRIMLESS



EF71RA01T

ANTI-GLARE ACCESSORY



Honeycomb Soft Lens

SECONDARY REFLECTOR



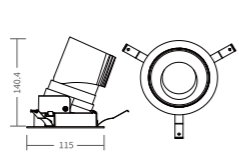
Black (Standard) Matt silver



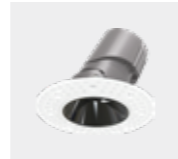
Bright silver Gold



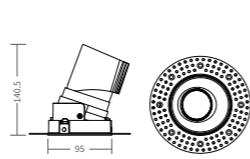
EM070-EF71RA01



Cut out: 100mm

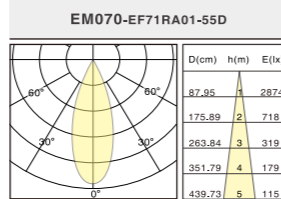
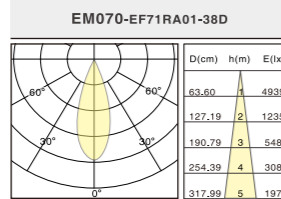
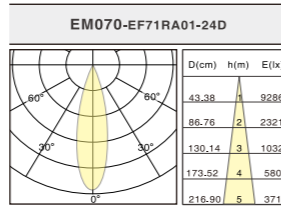
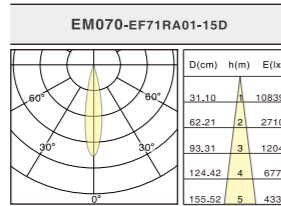


EM070-EF71RA01T



Cut out: 100mm

3000K CRI90



Welcome to contact sales@encore-tech.com, ask the latest IES files.

Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM070-EF71RA01-15D	20 W	500mA	1412 lm	90+	2700K	15°
EM070-EF71RA01-15D	20 W	500mA	1569 lm	90+	3000K	15°
EM070-EF71RA01-24D	20 W	500mA	1595 lm	90+	2700K	24°
EM070-EF71RA01-24D	20 W	500mA	1773 lm	90+	3000K	24°
EM070-EF71RA01-38D	20 W	500mA	1607 lm	90+	2700K	38°
EM070-EF71RA01-38D	20 W	500mA	1786 lm	90+	3000K	38°
EM070-EF71RA01-55D	20 W	500mA	1631 lm	90+	2700K	55°
EM070-EF71RA01-55D	20 W	500mA	1813 lm	90+	3000K	55°
EM070-EF71RA01-15D	25 W	600mA	1548 lm	90+	2700K	15°
EM070-EF71RA01-15D	25 W	600mA	1721 lm	90+	3000K	15°
EM070-EF71RA01-24D	25 W	600mA	1685 lm	90+	2700K	24°
EM070-EF71RA01-24D	25 W	600mA	1873 lm	90+	3000K	24°
EM070-EF71RA01-38D	25 W	600mA	1701 lm	90+	2700K	38°
EM070-EF71RA01-38D	25 W	600mA	1891 lm	90+	3000K	38°
EM070-EF71RA01-55D	25 W	600mA	1720 lm	90+	2700K	55°
EM070-EF71RA01-55D	25 W	600mA	1912 lm	90+	3000K	55°

Order options

LED MODULE



EM090

SYSTEM POWER

30W
35W

COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

TRIM



EF91RA01

TRIMLESS



EF91RA01T

ANTI-GLARE ACCESSORY



Honeycomb Soft Lens

SECONDARY REFLECTOR



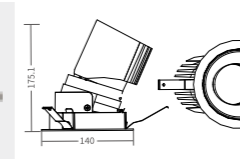
Black (Standard) Matt silver



Bright silver Gold



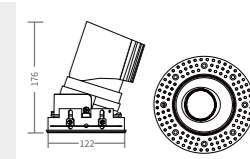
EM090-EF91RA01



Cut out: 125mm

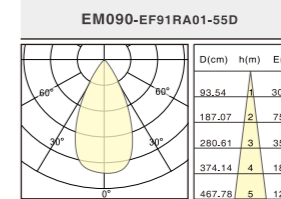
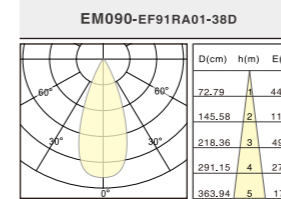
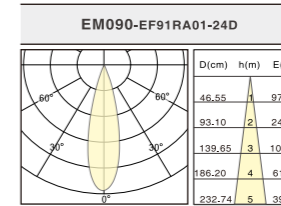
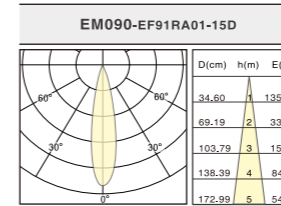


EM090-EF91RA01T



Cut out: 122mm

3000K CRI90



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM090-EF91RA01-15D	30 W	700mA	2061 lm	90+	2700K	15°
EM090-EF91RA01-15D	30 W	700mA	2145 lm	90+	3000K	15°
EM090-EF91RA01-24D	30 W	700mA	2171 lm	90+	2700K	24°
EM090-EF91RA01-24D	30 W	700mA	2259 lm	90+	3000K	24°
EM090-EF91RA01-38D	30 W	700mA	2056 lm	90+	2700K	38°
EM090-EF91RA01-38D	30 W	700mA	2140 lm	90+	3000K	38°
EM090-EF91RA01-55D	30 W	700mA	2068 lm	90+	2700K	55°
EM090-EF91RA01-55D	30 W	700mA	2152 lm	90+	3000K	55°
EM090-EF91RA01-15D	35 W	850mA	2463 lm	90+	2700K	15°
EM090-EF91RA01-15D	35 W	850mA	2563 lm	90+	3000K	15°
EM090-EF91RA01-24D	35 W	850mA	2591lm	90+	2700K	24°
EM090-EF91RA01-24D	35 W	850mA	2696 lm	90+	3000K	24°
EM090-EF91RA01-38D	35 W	850mA	2445 lm	90+	2700K	38°
EM090-EF91RA01-38D	35 W	850mA	2544 lm	90+	3000K	38°
EM090-EF91RA01-55D	35 W	850mA	2472 lm	90+	2700K	55°
EM090-EF91RA01-55D	35 W	850mA	2572 lm	90+	3000K	55°

Order options

LED MODULE



EM060

SYSTEM POWER

10W
15W

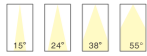
COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

TRIM



EF61SA01

TRIMLESS



EF61SA01T

ANTI-GLARE ACCESSORY



Honeycomb Soft Lens

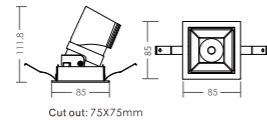
SECONDARY REFLECTOR



Black (Standard) Matt silver
Bright silver Gold



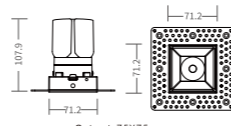
EM060-EF61SA01



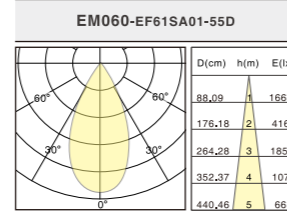
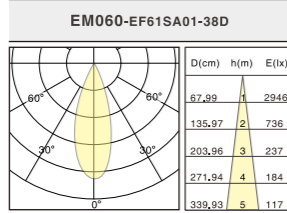
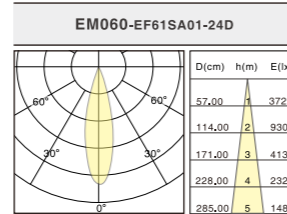
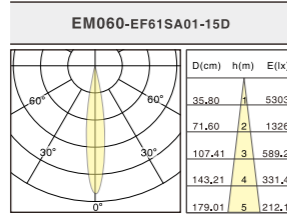
Cut out: 75X75mm



EM060-EF61SA01T



Cut out: 75X75mm



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM060-EF61SA01-15D	10 W	250mA	595 lm	90+	2700K	15°
EM060-EF61SA01-15D	10 W	250mA	662 lm	90+	3000K	15°
EM060-EF61SA01-24D	10 W	250mA	689 lm	90+	2700K	24°
EM060-EF61SA01-24D	10 W	250mA	766 lm	90+	3000K	24°
EM060-EF61SA01-38D	10 W	250mA	724 lm	90+	2700K	38°
EM060-EF61SA01-38D	10 W	250mA	805 lm	90+	3000K	38°
EM060-EF61SA01-55D	10 W	250mA	674 lm	90+	2700K	55°
EM060-EF61SA01-55D	10 W	250mA	749 lm	90+	3000K	55°
EM060-EF61SA01-15D	15 W	350mA	851 lm	90+	2700K	15°
EM060-EF61SA01-15D	15 W	350mA	946 lm	90+	3000K	15°
EM060-EF61SA01-24D	15 W	350mA	985 lm	90+	2700K	24°
EM060-EF61SA01-24D	15 W	350mA	1095 lm	90+	3000K	24°
EM060-EF61SA01-38D	15 W	350mA	1035 lm	90+	2700K	38°
EM060-EF61SA01-38D	15 W	350mA	1151 lm	90+	3000K	38°
EM060-EF61SA01-55D	15 W	350mA	963 lm	90+	2700K	55°
EM060-EF61SA01-55D	15 W	350mA	1070 lm	90+	3000K	55°

Order options

LED MODULE



EM070

SYSTEM POWER

20W
25W

COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

TRIM



EF71SA01

ANTI-GLARE ACCESSORY



Honeycomb Soft Lens

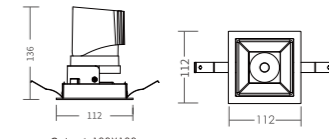
SECONDARY REFLECTOR



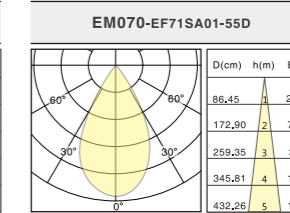
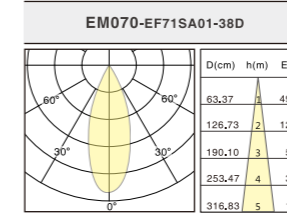
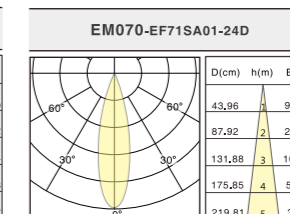
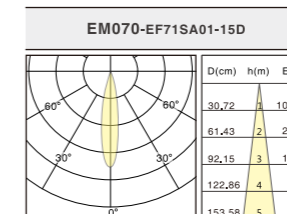
Black (Standard) Matt silver
Bright silver Gold



EM070-EF71SA01



Cut out: 100X100mm

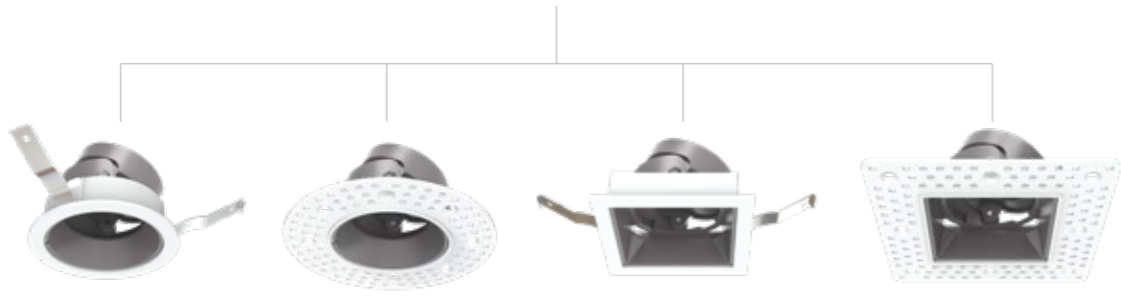


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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM070-EF71SA01-15D	20 W	500mA	1332 lm	90+	2700K	15°
EM070-EF71SA01-15D	20 W	500mA	1480 lm	90+	3000K	15°
EM070-EF71SA01-24D	20 W	500mA	1569 lm	90+	2700K	24°
EM070-EF71SA01-24D	20 W	500mA	1744 lm	90+	3000K	24°
EM070-EF71SA01-38D	20 W	500mA	1572 lm	90+	2700K	38°
EM070-EF71SA01-38D	20 W	500mA	1747 lm	90+	3000K	38°
EM070-EF71SA01-55D	20 W	500mA	1611 lm	90+	2700K	55°
EM070-EF71SA01-55D	20 W	500mA	1791 lm	90+	3000K	55°
EM070-EF71SA01-15D	25 W	600mA	1438 lm	90+	2700K	15°
EM070-EF71SA01-15D	25 W	600mA	1598 lm	90+	3000K	15°
EM070-EF71SA01-24D	25 W	600mA	1694 lm	90+	2700K	24°
EM070-EF71SA01-24D	25 W	600mA	1883 lm	90+	3000K	24°
EM070-EF71SA01-38D	25 W	600mA	1697 lm	90+	2700K	38°
EM070-EF71SA01-38D	25 W	600mA	1886 lm	90+	3000K	38°
EM070-EF71SA01-55D	25 W	600mA	1739 lm	90+	2700K	55°
EM070-EF71SA01-55D	25 W	600mA	1934 lm	90+	3000K	55°



LED Module



Standard-Round

Trimless-Round

Standard-Square

Trimless-Square



Round-Adjustable



Square-Adjustable



Round-Fixed

Secondary Reflector Color



Black (Standard)



Matt silver



Bright silver



Gold



Order options

LED MODULE



EM090

SYSTEM POWER

30W
35W

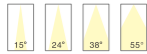
COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

TRIM



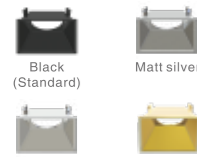
EF91SA01

ANTI-GLARE ACCESSORY



Honeycomb Soft Lens

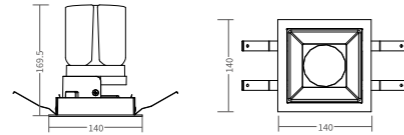
SECONDARY REFLECTOR



Black (Standard) Matt silver Bright silver Gold

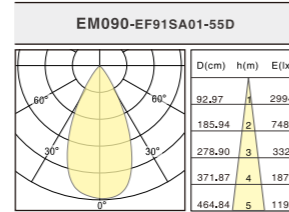
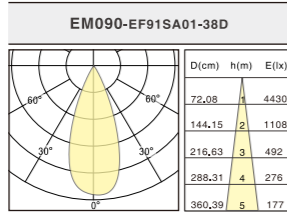
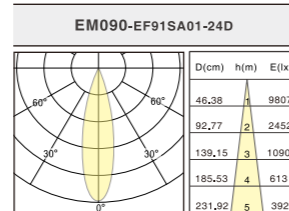
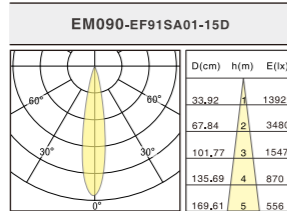


EM090-EF91SA01



Cut out: 125X125mm

3000K CRI90



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM090-EF91SA01-15D	30 W	700mA	2033 lm	90+	2700K	15°
EM090-EF91SA01-15D	30 W	700mA	2115 lm	90+	3000K	15°
EM090-EF91SA01-24D	30 W	700mA	2152 lm	90+	2700K	24°
EM090-EF91SA01-24D	30 W	700mA	2239 lm	90+	3000K	24°
EM090-EF91SA01-38D	30 W	700mA	1991 lm	90+	2700K	38°
EM090-EF91SA01-38D	30 W	700mA	2072 lm	90+	3000K	38°
EM090-EF91SA01-55D	30 W	700mA	2043 lm	90+	2700K	55°
EM090-EF91SA01-55D	30 W	700mA	2126 lm	90+	3000K	55°
EM090-EF91SA01-15D	35 W	850mA	2432lm	90+	2700K	15°
EM090-EF91SA01-15D	35 W	850mA	2531 lm	90+	3000K	15°
EM090-EF91SA01-24D	35 W	850mA	2568 lm	90+	2700K	24°
EM090-EF91SA01-24D	35 W	850mA	2672 lm	90+	3000K	24°
EM090-EF91SA01-38D	35 W	850mA	2385 lm	90+	2700K	38°
EM090-EF91SA01-38D	35 W	850mA	2482 lm	90+	3000K	38°
EM090-EF91SA01-55D	35 W	850mA	2462 lm	90+	2700K	55°
EM090-EF91SA01-55D	35 W	850mA	2562 lm	90+	3000K	55°





ELLA-Hotel Series

Fixed Down Light



MAIN FEATURES

- Elegant & compact in its style, versatile in its using.
- Precise light control, reach 85lm/W at 3000K CRI90.
- Interchangeable different color secondary reflectors for anti-glare and decorative function.
- Super modular design, replacing LED module, mounting ring, beam lens, honeycomb filter and secondary reflectors without tools need.
- 355° rotation and 30° tilt.
- Anti-glare accessories provide maximum visual comfort.
- IP20 is standard, IP44 is optional.



Order options

LED MODULE



EM050

SYSTEM POWER

5W
8W

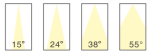
COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

TRIM



EF51RF01

TRIMLESS



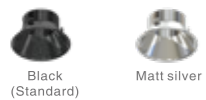
EF51RF01T

ANTI-GLARE ACCESSORY



Honeycomb Soft Lens

SECONDARY REFLECTOR



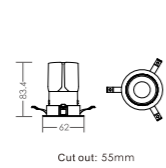
Black (Standard) Matt silver



Bright silver Gold



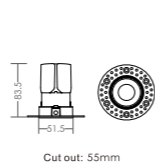
EM050-EF51RF01



Cut out: 55mm

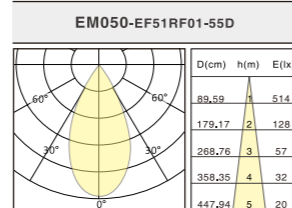
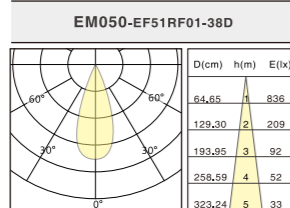
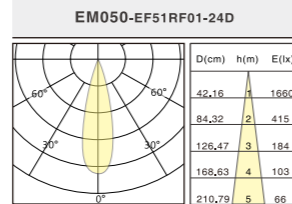
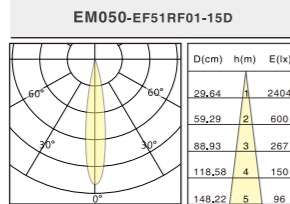


EM050-EF51RF01T



Cut out: 55mm

3000K CRI90



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM050-EF51RF01-15D	5 W	120mA	270 lm	90+	2700K	15°
EM050-EF51RF01-15D	5 W	120mA	301 lm	90+	3000K	15°
EM050-EF51RF01-24D	5 W	120mA	293 lm	90+	2700K	24°
EM050-EF51RF01-24D	5 W	120mA	326 lm	90+	3000K	24°
EM050-EF51RF01-38D	5 W	120mA	319 lm	90+	2700K	38°
EM050-EF51RF01-38D	5 W	120mA	332 lm	90+	3000K	38°
EM050-EF51RF01-55D	5 W	120mA	306 lm	90+	2700K	55°
EM050-EF51RF01-55D	5 W	120mA	319 lm	90+	3000K	55°
EM050-EF51RF01-15D	8 W	180mA	397 lm	90+	2700K	15°
EM050-EF51RF01-15D	8 W	180mA	442 lm	90+	3000K	15°
EM050-EF51RF01-24D	8 W	180mA	464 lm	90+	2700K	24°
EM050-EF51RF01-24D	8 W	180mA	516 lm	90+	3000K	24°
EM050-EF51RF01-38D	8 W	180mA	467 lm	90+	2700K	38°
EM050-EF51RF01-38D	8 W	180mA	519 lm	90+	3000K	38°
EM050-EF51RF01-55D	8 W	180mA	443 lm	90+	2700K	55°
EM050-EF51RF01-55D	8 W	180mA	493 lm	90+	3000K	55°

Order options

LED MODULE



EM060

SYSTEM POWER

10W
15W

COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

TRIM



EF61RF01

TRIMLESS



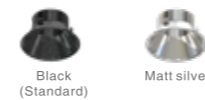
EF61RF01T

ANTI-GLARE ACCESSORY



Honeycomb Soft Lens

SECONDARY REFLECTOR



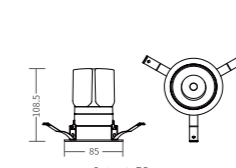
Black (Standard) Matt silver



Bright silver Gold



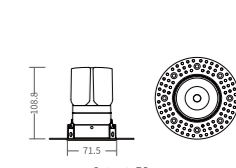
EM060-EF61RF01



Cut out: 75mm

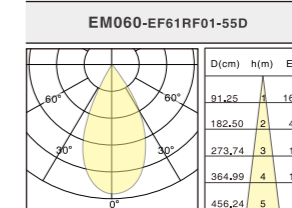
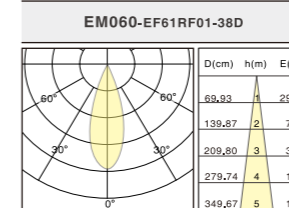
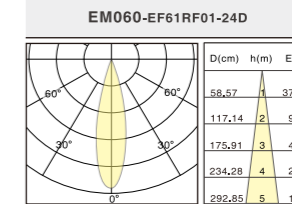
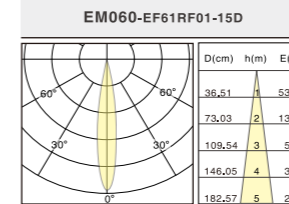


EM060-EF61RF01T



Cut out: 75mm

3000K CRI90



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM060-EF61RF01-15D	10 W	250mA	642 lm	90+	2700K	15°
EM060-EF61RF01-15D	10 W	250mA	714 lm	90+	3000K	15°
EM060-EF61RF01-24D	10 W	250mA	720 lm	90+	2700K	24°
EM060-EF61RF01-24D	10 W	250mA	800 lm	90+	3000K	24°
EM060-EF61RF01-38D	10 W	250mA	752 lm	90+	2700K	38°
EM060-EF61RF01-38D	10 W	250mA	836 lm	90+	3000K	38°
EM060-EF61RF01-55D	10 W	250mA	684 lm	90+	2700K	55°
EM060-EF61RF01-55D	10 W	250mA	760 lm	90+	3000K	55°
EM060-EF61RF01-15D	15 W	350mA	918 lm	90+	2700K	15°
EM060-EF61RF01-15D	15 W	350mA	1020 lm	90+	3000K	15°
EM060-EF61RF01-24D	15 W	350mA	1029 lm	90+	2700K	24°
EM060-EF61RF01-24D	15 W	350mA	1144 lm	90+	3000K	24°
EM060-EF61RF01-38D	15 W	350mA	1075 lm	90+	2700K	38°
EM060-EF61RF01-38D	15 W	350mA	1195 lm	90+	3000K	38°
EM060-EF61RF01-55D	15 W	350mA	978 lm	90+	2700K	55°
EM060-EF61RF01-55D	15 W	350mA	1087 lm	90+	3000K	55°

Order options

LED MODULE



Em070

SYSTEM POWER

20W
25W

COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

TRIM



EF71RF01

TRIMLESS



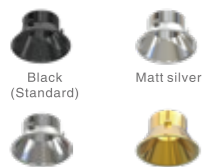
EF71RF01T

ANTI-GLARE ACCESSORY

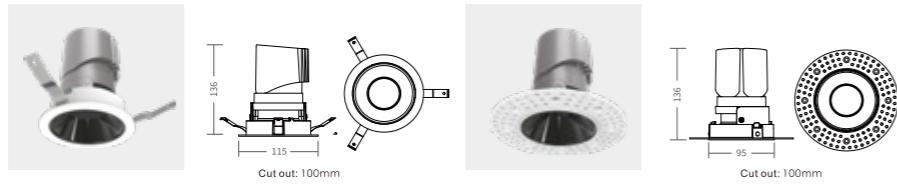


Honeycomb Soft Lens

SECONDARY REFLECTOR

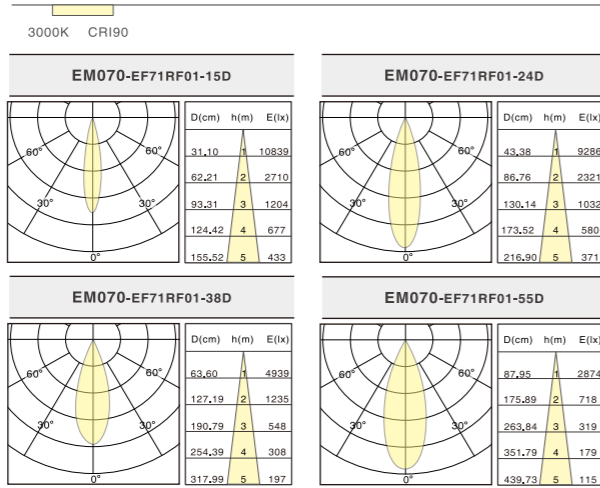


Black (Standard) Matt silver
Bright silver Gold



EM070-EF71RF01

EM070-EF71RF01T



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM070-EF71RF01-15D	20 W	500mA	1412 lm	90+	2700K	15°
EM070-EF71RF01-15D	20 W	500mA	1569 lm	90+	3000K	15°
EM070-EF71RF01-24D	20 W	500mA	1595 lm	90+	2700K	24°
EM070-EF71RF01-24D	20 W	500mA	1773 lm	90+	3000K	24°
EM070-EF71RF01-38D	20 W	500mA	1607 lm	90+	2700K	38°
EM070-EF71RF01-38D	20 W	500mA	1786 lm	90+	3000K	38°
EM070-EF71RF01-55D	20 W	500mA	1631 lm	90+	2700K	55°
EM070-EF71RF01-55D	20 W	500mA	1813 lm	90+	3000K	55°
EM070-EF71RF01-15D	25 W	600mA	1548 lm	90+	2700K	15°
EM070-EF71RF01-15D	25 W	600mA	1721 lm	90+	3000K	15°
EM070-EF71RF01-24D	25 W	600mA	1685 lm	90+	2700K	24°
EM070-EF71RF01-24D	25 W	600mA	1873 lm	90+	3000K	24°
EM070-EF71RF01-38D	25 W	600mA	1701 lm	90+	2700K	38°
EM070-EF71RF01-38D	25 W	600mA	1891 lm	90+	3000K	38°
EM070-EF71RF01-55D	25 W	600mA	1720 lm	90+	2700K	55°
EM070-EF71RF01-55D	25 W	600mA	1912 lm	90+	3000K	55°

Order options

LED MODULE



EM090

SYSTEM POWER

30W
35W

COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

TRIM



EF91RF01

TRIMLESS



EF91RF01T

ANTI-GLARE ACCESSORY

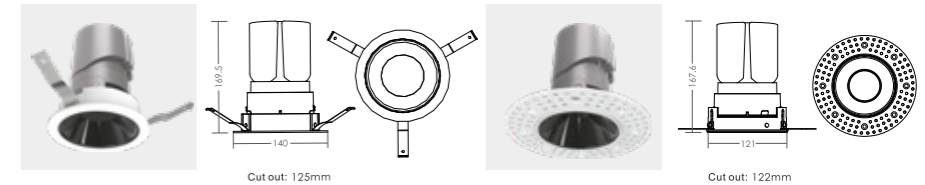


Honeycomb Soft Lens

SECONDARY REFLECTOR

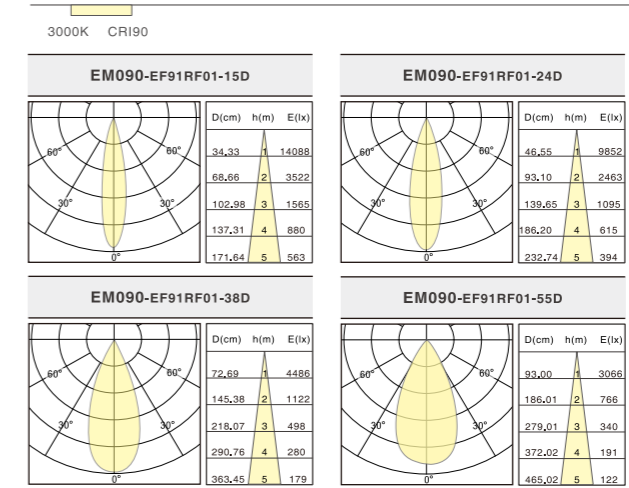


Black (Standard) Matt silver
Bright silver Gold



EM090-EF91RF01

EM090-EF91RF01T



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM090-EF91RF01-15D	30 W	700mA	2091 lm	90+	2700K	15°
EM090-EF91RF01-15D	30 W	700mA	2176 lm	90+	3000K	15°
EM090-EF91RF01-24D	30 W	700mA	2176 lm	90+	2700K	24°
EM090-EF91RF01-24D	30 W	700mA	2265 lm	90+	3000K	24°
EM090-EF91RF01-38D	30 W	700mA	2007 lm	90+	2700K	38°
EM090-EF91RF01-38D	30 W	700mA	2088 lm	90+	3000K	38°
EM090-EF91RF01-55D	30 W	700mA	2039 lm	90+	2700K	55°
EM090-EF91RF01-55D	30 W	700mA	2122 lm	90+	3000K	55°
EM090-EF91RF01-15D	35 W	850mA	2484 lm	90+	2700K	15°
EM090-EF91RF01-15D	35 W	850mA	2585 lm	90+	3000K	15°
EM090-EF91RF01-24D	35 W	850mA	2595 lm	90+	2700K	24°
EM090-EF91RF01-24D	35 W	850mA	2700 lm	90+	3000K	24°
EM090-EF91RF01-38D	35 W	850mA	2400 lm	90+	2700K	38°
EM090-EF91RF01-38D	35 W	850mA	2497 lm	90+	3000K	38°
EM090-EF91RF01-55D	35 W	850mA	2453 lm	90+	2700K	55°
EM090-EF91RF01-55D	35 W	850mA	2552 lm	90+	3000K	55°



ELLA-Hotel Series

Pendant Light



MAIN FEATURES

- Elegant & compact in its style, versatile in its using.
- Precise light control, 15°, 24°, 38°, 55° beam lens options.
- Interchangeable different color secondary reflectors for anti-glare and decorative function.
- Anti-glare accessories provide maximum visual comfort.
- Housing color can be white, black, silver and brown.



EM060-EP61RF01



EM060-EP61RF02

Housing Color



Black Bright silver Matt silver Bronze

Order options

LED MODULE



EM060

SYSTEM POWER

10W
15W

COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

ANTI-GLARE ACCESSORY

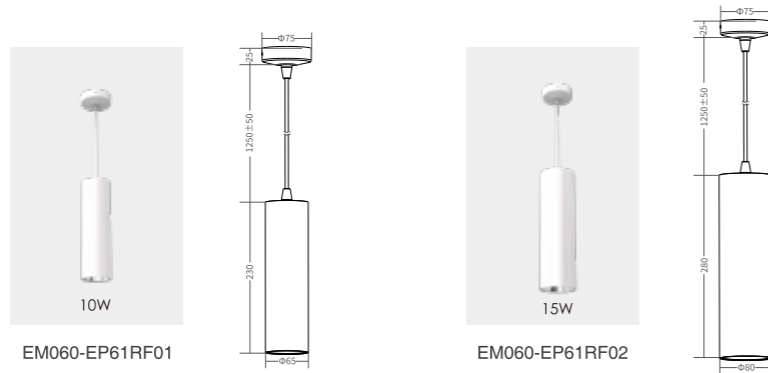


Honeycomb Soft Lens

SECONDARY REFLECTOR



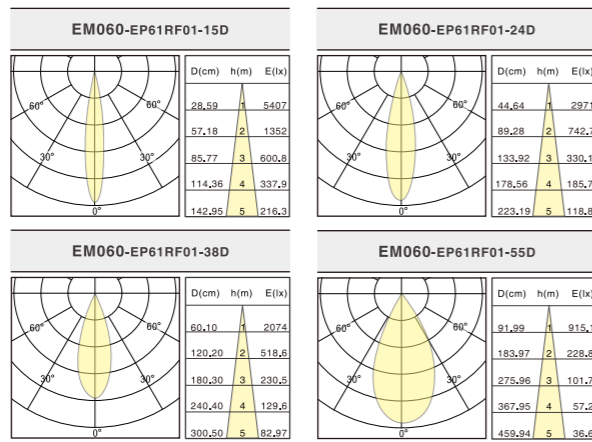
Black (Standard) Matt silver Bright silver



EM060-EP61RF01

EM060-EP61RF02

3000K CRI90



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM060-EP61RF01-15D	10 W	250mA	627 lm	90+	2700K	15°
EM060-EP61RF01-15D	10 W	250mA	684 lm	90+	3000K	15°
EM060-EP61RF01-24D	10 W	250mA	667 lm	90+	2700K	24°
EM060-EP61RF01-24D	10 W	250mA	724 lm	90+	3000K	24°
EM060-EP61RF01-38D	10 W	250mA	697 lm	90+	2700K	38°
EM060-EP61RF01-38D	10 W	250mA	753 lm	90+	3000K	38°
EM060-EP61RF01-55D	10 W	250mA	591 lm	90+	2700K	55°
EM060-EP61RF01-55D	10 W	250mA	648 lm	90+	3000K	55°
EM060-EP61RF01-15D	15 W	350mA	1007 lm	90+	2700K	15°
EM060-EP61RF01-15D	15 W	350mA	1070 lm	90+	3000K	15°
EM060-EP61RF01-24D	15 W	350mA	1007 lm	90+	2700K	24°
EM060-EP61RF01-24D	15 W	350mA	1150 lm	90+	3000K	24°
EM060-EP61RF01-38D	15 W	350mA	981 lm	90+	2700K	38°
EM060-EP61RF01-38D	15 W	350mA	1067 lm	90+	3000K	38°
EM060-EP61RF01-55D	15 W	350mA	1028 lm	90+	2700K	55°
EM060-EP61RF01-55D	15 W	350mA	1127 lm	90+	3000K	55°





LED Module

Residential

Commercial

Deep Anti-Glare

Wall Washer

Adjustable

Fixed

Adjustable

Fixed

Fixed






























































RESIDENTIAL











ELLA-Residential series, perfect spot lighting or accentuation with an almost invisible light aperture is ideally achieved. Super modular design with numerous mounting rings, round as well as square designs with adjustable and fixed options, in various wattages enable nuanced adaptations to different needs. Honeycomb filter can be added to provide maximum visual comfort.



ELLA-Residential Series Overview

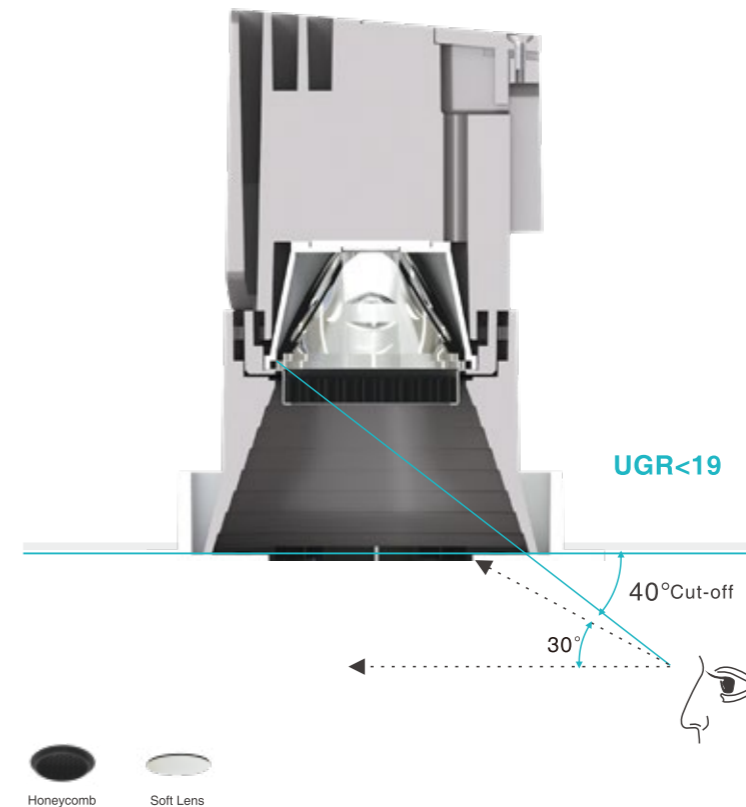
Module	 EM050					 EM060								
Category	Residential													
	Adjustable		Adjustable			Adjustable					Residential			Fixed
Mounting Ring	 EF52RA01	 EF52RA02	 EF62RA01	 EF62RA02	 EF62RA03		 EF62RA04	 EF62SA04	 EF62RA05	 EF62SA05	 EF62RF01	 EF62RF02	 EF62RF03	
Picture&Name	 EM050-EF52RA01	 EM050-EF52RA02	 EM060-EF62RA01	 EM060-EF62RA02	 EM060-EF62RA03		 EM060-EF62RA04	 EM060-EF62SA04	 EM060-EF62RA05	 EM060-EF62SA05	 EM060-EF62RF01	 EM060-EF62RF02	 EM060-EF62RF03	
Cutout (mm)	 55	 55	 75	 75	 75		 68	 68	 68	 68	 75	 75	 75	
Trim Diameter (mm)	 Φ65	 Φ65	 Φ88	 Φ88	 Φ85		 Φ75	 75x75	 Φ75	 75x75	 Φ88	 Φ85	 Φ85	
Wattage & Luminous Flux	5W 358lm 8W 410lm									10W 938lm 15W 1321lm				
Beam Angle(°)	15°, 24°, 38°, 55°					15°, 24°, 38°, 55°								
Color Temperature	2700K 3000K 4000K					2700K 3000K 4000K								
Color Rendering Index_CRI	80+, 90+					80+, 90+								
Dimming Control	On-off, Phase dim, 1-10V, DALI, Tunable White, Dim to warm					On-off, Phase dim, 1-10V, DALI, Tunable White, Dim to warm								
Anti-glare Accessory			 Honeycomb	 Soft Lens						 Honeycomb	 Soft Lens			
Ceiling thickness			 spring plate 8mm-20mm						 spring strip 5mm-20mm		 spring clip 1mm-20mm			

ELLA-Residential Series Overview

Module	 EM070		 EM090			
Category	Residential					
	Adjustable	Fixed	Adjustable		Fixed	
Mounting Ring	 EF72RA01	 EF72RF01	 EF92RA01	 EF92RA02	 EF92RF01	 EF92RF02
Picture&Name	 EM070-EF72RA01	 EM070-EF72RF01	 EM090-EF92RA01	 EM090-EF92RA02	 EM090-EF92RF01	 EM090-EF92RF02
Cutout (mm)	 115	 100	 135	 130	 110	 125
Trim Diameter (mm)	 Φ125	 Φ110	 Φ145	 Φ145	 Φ124	 Φ138
Wattage & Luminous Flux	20W 1982lm	25W 2214lm	30W 2406lm		35W 2875lm	
Beam Angle(°)	15°, 24°, 38°, 55°					
Color Temperature	2700K 3000K 4000K					
Color Rendering Index_CRI	80+, 90+					
Dimming Control	On-off, Phase dim, 1-10V, DALI, Tunable White, Dim to warm					
Anti-glare Accessory	 Honeycomb		 Soft Lens			
Ceiling thickness	 spring plate 8mm-20mm	 spring strip 5mm-20mm	 spring clip 1mm-20mm			

Anti-glare

In the glare free angle, there is no direct view of the LED and the visible part of the reflector produces practically no glare at all. This zone offers very high visual comfort.



MAIN FEATURES

- Elegant & compact in its style, versatile in its using.
- Precise light control, 15°, 24°, 38°, 55° beam lens options.
- Numerous mounting rings with round & square and adjustable & fixed options.
- Super modular design, replacing LED module, mounting ring, beam lens and anti-glare accessories without any needs for tools.
- IP20 is standard, IP44 is optional.



Order options

LED MODULE



EM050

SYSTEM POWER

5W
8W

COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

MOUNTING RING



EF52RA01

ANTI-GLARE ACCESSORY



Honeycomb Soft Lens



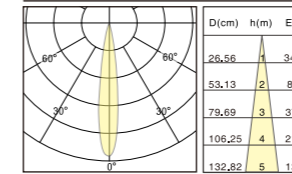
EM050-EF52RA01



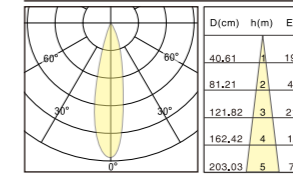
Cut out: 55mm

3000K CRI90

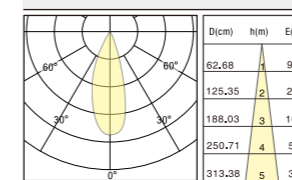
EM050-EF52RA01-15D



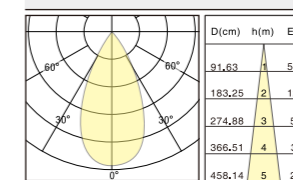
EM050-EF52RA01-24D



EM050-EF52RA01-38D



EM050-EF52RA01-55D



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM050-EF52RA01-15D	5 W	120mA	302 lm	90+	2700K	15°
EM050-EF52RA01-15D	5 W	120mA	314 lm	90+	3000K	15°
EM050-EF52RA01-24D	5 W	120mA	334 lm	90+	2700K	24°
EM050-EF52RA01-24D	5 W	120mA	344 lm	90+	3000K	24°
EM050-EF52RA01-38D	5 W	120mA	323 lm	90+	2700K	38°
EM050-EF52RA01-38D	5 W	120mA	336 lm	90+	3000K	38°
EM050-EF52RA01-55D	5 W	120mA	303 lm	90+	2700K	55°
EM050-EF52RA01-55D	5 W	120mA	315 lm	90+	3000K	55°
EM050-EF52RA01-15D	8 W	180mA	357 lm	90+	2700K	15°
EM050-EF52RA01-15D	8 W	180mA	371 lm	90+	3000K	15°
EM050-EF52RA01-24D	8 W	180mA	412 lm	90+	2700K	24°
EM050-EF52RA01-24D	8 W	180mA	458 lm	90+	3000K	24°
EM050-EF52RA01-38D	8 W	180mA	413 lm	90+	2700K	38°
EM050-EF52RA01-38D	8 W	180mA	459 lm	90+	3000K	38°
EM050-EF52RA01-55D	8 W	180mA	423 lm	90+	2700K	55°
EM050-EF52RA01-55D	8 W	180mA	471 lm	90+	3000K	55°



O

Order options

LED MODULE



1050

STEM POWER



C

COLOR TEMPERATURE

3000K
2700K

C

COLOR RENDERING INDEX_CRI

80
90

P-

PRIMARY LENS



DI

DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

M

MOUNTING RING



EF52RA02

ANTI-GLARE ACCESSORY



Honeycomb Soft Lens

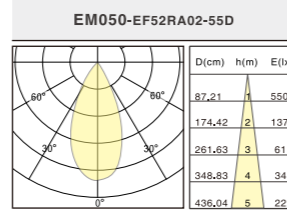
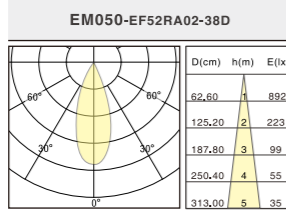
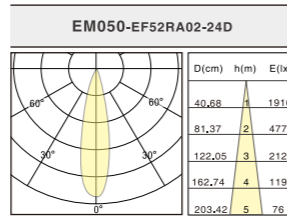
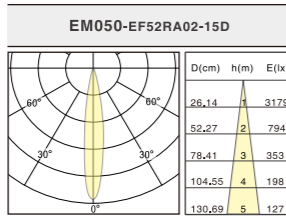


EM050-EF52RA02



Cut out: 55mm

3000K CRI90



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM050-EF52RA02-15D	5 W	120mA	282 lm	90+	2700K	15°
EM050-EF52RA02-15D	5 W	120mA	294 lm	90+	3000K	15°
EM050-EF52RA02-24D	5 W	120mA	327 lm	90+	2700K	24°
EM050-EF52RA02-24D	5 W	120mA	340 lm	90+	3000K	24°
EM050-EF52RA02-38D	5 W	120mA	315 lm	90+	2700K	38°
EM050-EF52RA02-38D	5 W	120mA	358 lm	90+	3000K	38°
EM050-EF52RA02-55D	5 W	120mA	300 lm	90+	2700K	55°
EM050-EF52RA02-55D	5 W	120mA	312 lm	90+	3000K	55°
EM050-EF52RA02-15D	8 W	180mA	333 lm	90+	2700K	15°
EM050-EF52RA02-15D	8 W	180mA	371 lm	90+	3000K	15°
EM050-EF52RA02-24D	8 W	180mA	407 lm	90+	2700K	24°
EM050-EF52RA02-24D	8 W	180mA	453 lm	90+	3000K	24°
EM050-EF52RA02-38D	8 W	180mA	415 lm	90+	2700K	38°
EM050-EF52RA02-38D	8 W	180mA	462 lm	90+	3000K	38°
EM050-EF52RA02-55D	8 W	180mA	414 lm	90+	2700K	55°
EM050-EF52RA02-55D	8 W	180mA	461 lm	90+	3000K	55°

Order options

LED MODULE



EM060

SYSTEM POWER

10W
15W

COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

80
90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

MOUNTING RING



EF62RA01

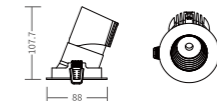
ANTI-GLARE ACCESSORY



Honeycomb Soft Lens

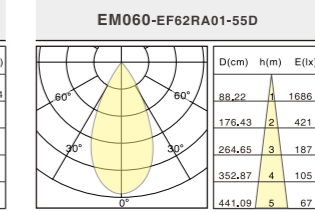
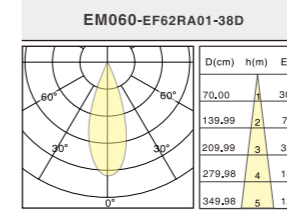
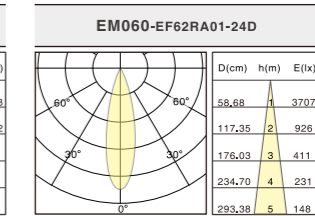
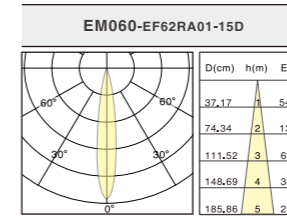


EM060-EF62RA01



Cut out: 75mm

3000K CRI90



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM060-EF62RA01-15D	10 W	250mA	638 lm	90+	2700K	15°
EM060-EF62RA01-15D	10 W	250mA	709 lm	90+	3000K	15°
EM060-EF62RA01-24D	10 W	250mA	702 lm	90+	2700K	24°
EM060-EF62RA01-24D	10 W	250mA	781lm	90+	3000K	24°
EM060-EF62RA01-38D	10 W	250mA	740 lm	90+	2700K	38°
EM060-EF62RA01-38D	10 W	250mA	823 lm	90+	3000K	38°
EM060-EF62RA01-55D	10 W	250mA	669 lm	90+	2700K	55°
EM060-EF62RA01-55D	10 W	250mA	744 lm	90+	3000K	55°
EM060-EF62RA01-15D	15 W	350mA	912 lm	90+	2700K	15°
EM060-EF62RA01-15D	15 W	350mA	1014 lm	90+	3000K	15°
EM060-EF62RA01-24D	15 W	350mA	1004 lm	90+	2700K	24°
EM060-EF62RA01-24D	15 W	350mA	1116 lm	90+	3000K	24°
EM060-EF62RA01-38D	15 W	350mA	1058 lm	90+	2700K	38°
EM060-EF62RA01-38D	15 W	350mA	1176 lm	90+	3000K	38°
EM060-EF62RA01-55D	15 W	350mA	957 lm	90+	2700K	55°
EM060-EF62RA01-55D	15 W	350mA	1064 lm	90+	3000K	55°

Order options

LED MODULE



EM060

SYSTEM POWER

10W
15W

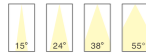
COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

MOUNTING RING



EF62RA02

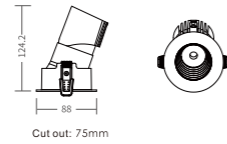
ANTI-GLARE ACCESSORY



Honeycomb Soft Lens

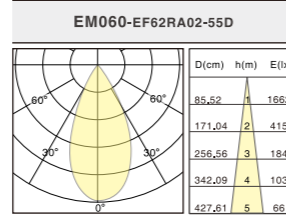
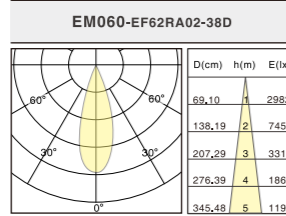
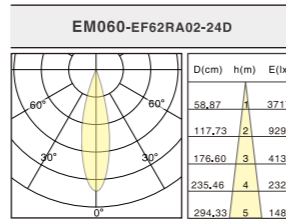
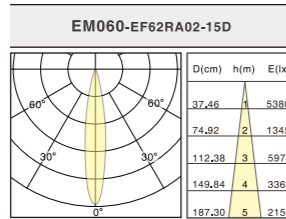


EM060-EF62RA02



Cut out: 75mm

3000K CRI90



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM060-EF62RA02-15D	10 W	250mA	620 lm	90+	2700K	15°
EM060-EF62RA02-15D	10 W	250mA	689 lm	90+	3000K	15°
EM060-EF62RA02-24D	10 W	250mA	691 lm	90+	2700K	24°
EM060-EF62RA02-24D	10 W	250mA	768 lm	90+	3000K	24°
EM060-EF62RA02-38D	10 W	250mA	722 lm	90+	2700K	38°
EM060-EF62RA02-38D	10 W	250mA	802lm	90+	3000K	38°
EM060-EF62RA02-55D	10 W	250mA	716 lm	90+	2700K	55°
EM060-EF62RA02-55D	10 W	250mA	722 lm	90+	3000K	55°
EM060-EF62RA02-15D	15 W	350mA	886 lm	90+	2700K	15°
EM060-EF62RA02-15D	15 W	350mA	985 lm	90+	3000K	15°
EM060-EF62RA02-24D	15 W	350mA	988 lm	90+	2700K	24°
EM060-EF62RA02-24D	15 W	350mA	1098 lm	90+	3000K	24°
EM060-EF62RA02-38D	15 W	350mA	1032 lm	90+	2700K	38°
EM060-EF62RA02-38D	15 W	350mA	1147 lm	90+	3000K	38°
EM060-EF62RA02-55D	15 W	350mA	921 lm	90+	2700K	55°
EM060-EF62RA02-55D	15 W	350mA	1024 lm	90+	3000K	55°

Order options

LED MODULE



EM060

SYSTEM POWER

10W
15W

COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

MOUNTING RING



EF62RA03

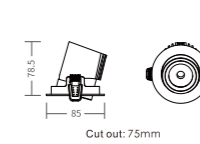
ANTI-GLARE ACCESSORY



Honeycomb Soft Lens

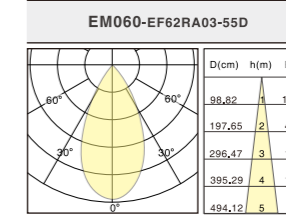
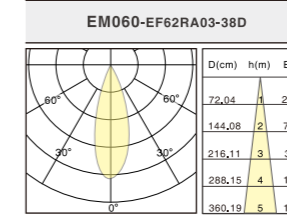
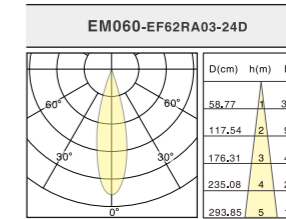
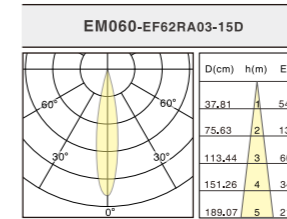


EM060-EF62RA03



Cut out: 75mm

3000K CRI90



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM060-EF62RA03-15D	10 W	250mA	807 lm	90+	2700K	15°
EM060-EF62RA03-15D	10 W	250mA	898 lm	90+	3000K	15°
EM060-EF62RA03-24D	10 W	250mA	825 lm	90+	2700K	24°
EM060-EF62RA03-24D	10 W	250mA	917 lm	90+	3000K	24°
EM060-EF62RA03-38D	10 W	250mA	844 lm	90+	2700K	38°
EM060-EF62RA03-38D	10 W	250mA	938 lm	90+	3000K	38°
EM060-EF62RA03-55D	10 W	250mA	819 lm	90+	2700K	55°
EM060-EF62RA03-55D	10 W	250mA	911 lm	90+	3000K	55°
EM060-EF62RA03-15D	15 W	350mA	1154 lm	90+	2700K	15°
EM060-EF62RA03-15D	15 W	350mA	1283 lm	90+	3000K	15°
EM060-EF62RA03-24D	15 W	350mA	1179 lm	90+	2700K	24°
EM060-EF62RA03-24D	15 W	350mA	1310 lm	90+	3000K	24°
EM060-EF62RA03-38D	15 W	350mA	1206 lm	90+	2700K	38°
EM060-EF62RA03-38D	15 W	350mA	1341 lm	90+	3000K	38°
EM060-EF62RA03-55D	15 W	350mA	1171 lm	90+	2700K	55°
EM060-EF62RA03-55D	15 W	350mA	1302 lm	90+	3000K	55°

Order options

LED MODULE



SYSTEM POWER

10W
15W

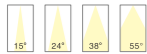
COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

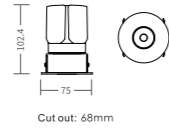
MOUNTING RING



ANTI-GLARE ACCESSORY



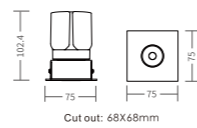
EM060-EF62RA04



Cut out: 68mm

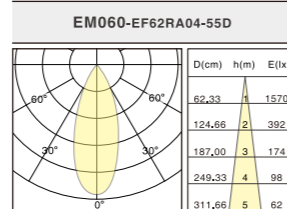
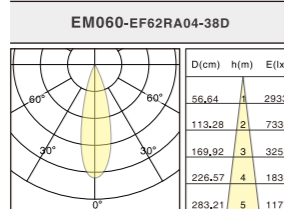
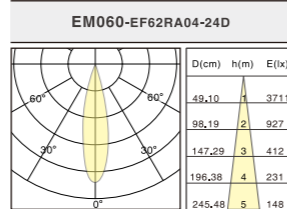
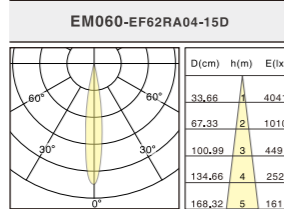


EM060-EF62SA04



Cut out: 68X68mm

3000K CRI90



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM060-EF62RA04-15D	10 W	250mA	355 lm	90+	2700K	15°
EM060-EF62RA04-15D	10 W	250mA	395 lm	90+	3000K	15°
EM060-EF62RA04-24D	10 W	250mA	504 lm	90+	2700K	24°
EM060-EF62RA04-24D	10 W	250mA	560 lm	90+	3000K	24°
EM060-EF62RA04-38D	10 W	250mA	540 lm	90+	2700K	38°
EM060-EF62RA04-38D	10 W	250mA	600 lm	90+	3000K	38°
EM060-EF62RA04-55D	10 W	250mA	469 lm	90+	2700K	55°
EM060-EF62RA04-55D	10 W	250mA	521 lm	90+	3000K	55°
EM060-EF62RA04-15D	15 W	350mA	508 lm	90+	2700K	15°
EM060-EF62RA04-15D	15 W	350mA	565 lm	90+	3000K	15°
EM060-EF62RA04-24D	15 W	350mA	720 lm	90+	2700K	24°
EM060-EF62RA04-24D	15 W	350mA	800 lm	90+	3000K	24°
EM060-EF62RA04-38D	15 W	350mA	772 lm	90+	2700K	38°
EM060-EF62RA04-38D	15 W	350mA	858 lm	90+	3000K	38°
EM060-EF62RA04-55D	15 W	350mA	670 lm	90+	2700K	55°
EM060-EF62RA04-55D	15 W	350mA	745 lm	90+	3000K	55°

Order options

LED MODULE



SYSTEM POWER

10W
15W

COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

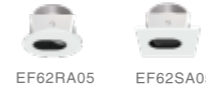
PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

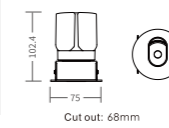
MOUNTING RING



ANTI-GLARE ACCESSORY



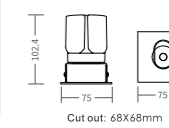
EM060-EF62RA05



Cut out: 68mm

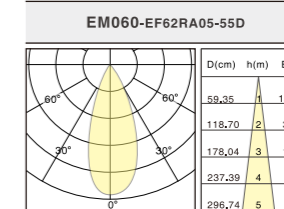
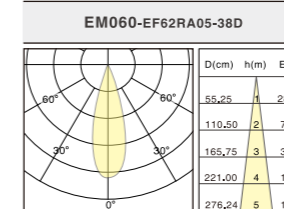
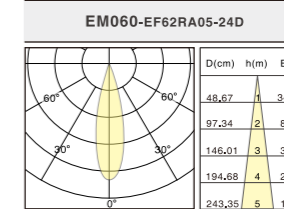
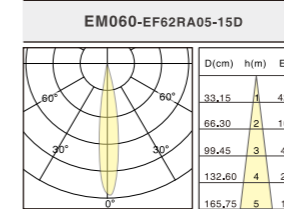


EM060-EF62SA05



Cut out: 68X68mm

3000K CRI90



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM060-EF62RA05-15D	10 W	250mA	376 lm	90+	2700K	15°
EM060-EF62RA05-15D	10 W	250mA	418 lm	90+	3000K	15°
EM060-EF62RA05-24D	10 W	250mA	505 lm	90+	2700K	24°
EM060-EF62RA05-24D	10 W	250mA	562 lm	90+	3000K	24°
EM060-EF62RA05-38D	10 W	250mA	549 lm	90+	2700K	38°
EM060-EF62RA05-38D	10 W	250mA	611 lm	90+	3000K	38°
EM060-EF62RA05-55D	10 W	250mA	481 lm	90+	2700K	55°
EM060-EF62RA05-55D	10 W	250mA	535 lm	90+	3000K	55°
EM060-EF62RA05-15D	15 W	350mA	538 lm	90+	2700K	15°
EM060-EF62RA05-15D	15 W	350mA	598 lm	90+	3000K	15°
EM060-EF62RA05-24D	15 W	350mA	722 lm	90+	2700K	24°
EM060-EF62RA05-24D	15 W	350mA	803 lm	90+	3000K	24°
EM060-EF62RA05-38D	15 W	350mA	785 lm	90+	2700K	38°
EM060-EF62RA05-38D	15 W	350mA	873 lm	90+	3000K	38°
EM060-EF62RA05-55D	15 W	350mA	688 lm	90+	2700K	55°
EM060-EF62RA05-55D	15 W	350mA	765 lm	90+	3000K	55°

Order options

LED MODULE



SYSTEM POWER

10W
15W

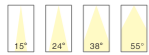
COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

MOUNTING RING

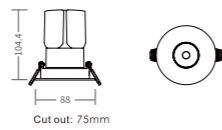


EF62RF01

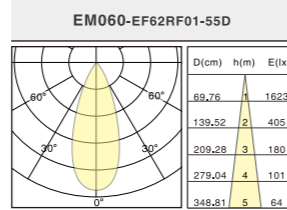
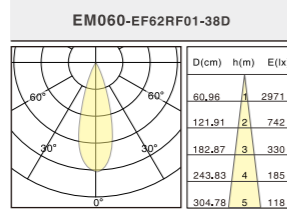
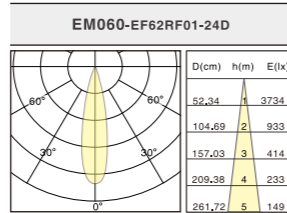
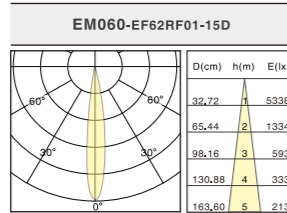
ANTI-GLARE ACCESSORY



EM060-EF62RF01



3000K CRI90



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM060-EF62RF01-15D	10 W	250mA	434 lm	90+	2700K	15°
EM060-EF62RF01-15D	10 W	250mA	483 lm	90+	3000K	15°
EM060-EF62RF01-24D	10 W	250mA	564 lm	90+	2700K	24°
EM060-EF62RF01-24D	10 W	250mA	627 lm	90+	3000K	24°
EM060-EF62RF01-38D	10 W	250mA	593 lm	90+	2700K	38°
EM060-EF62RF01-38D	10 W	250mA	660 lm	90+	3000K	38°
EM060-EF62RF01-55D	10 W	250mA	518 lm	90+	2700K	55°
EM060-EF62RF01-55D	10 W	250mA	876 lm	90+	3000K	55°
EM060-EF62RF01-15D	15 W	350mA	621 lm	90+	2700K	15°
EM060-EF62RF01-15D	15 W	350mA	691 lm	90+	3000K	15°
EM060-EF62RF01-24D	15 W	350mA	806 lm	90+	2700K	24°
EM060-EF62RF01-24D	15 W	350mA	896 lm	90+	3000K	24°
EM060-EF62RF01-38D	15 W	350mA	848 lm	90+	2700K	38°
EM060-EF62RF01-38D	15 W	350mA	943 lm	90+	3000K	38°
EM060-EF62RF01-55D	15 W	350mA	740 lm	90+	2700K	55°
EM060-EF62RF01-55D	15 W	350mA	823 lm	90+	3000K	55°

Order options

LED MODULE



SYSTEM POWER

10W
15W

COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

MOUNTING RING

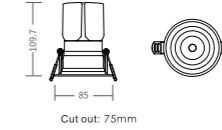


EF62RF02

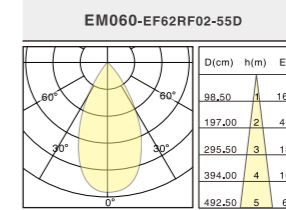
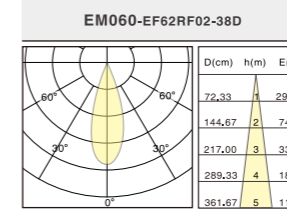
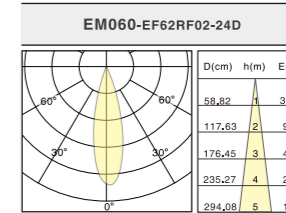
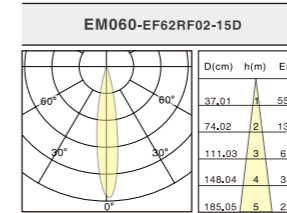
ANTI-GLARE ACCESSORY



EM060-EF62RF02



3000K CRI90



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM060-EF62RF02-15D	10 W	250mA	778 lm	90+	2700K	15°
EM060-EF62RF02-15D	10 W	250mA	865 lm	90+	3000K	15°
EM060-EF62RF02-24D	10 W	250mA	803 lm	90+	2700K	24°
EM060-EF62RF02-24D	10 W	250mA	893 lm	90+	3000K	24°
EM060-EF62RF02-38D	10 W	250mA	828 lm	90+	2700K	38°
EM060-EF62RF02-38D	10 W	250mA	920 lm	90+	3000K	38°
EM060-EF62RF02-55D	10 W	250mA	795 lm	90+	2700K	55°
EM060-EF62RF02-55D	10 W	250mA	884 lm	90+	3000K	55°
EM060-EF62RF02-15D	15 W	350mA	1112 lm	90+	2700K	15°
EM060-EF62RF02-15D	15 W	350mA	1236 lm	90+	3000K	15°
EM060-EF62RF02-24D	15 W	350mA	1148 lm	90+	2700K	24°
EM060-EF62RF02-24D	15 W	350mA	1276 lm	90+	3000K	24°
EM060-EF62RF02-38D	15 W	350mA	1183 lm	90+	2700K	38°
EM060-EF62RF02-38D	15 W	350mA	1315 lm	90+	3000K	38°
EM060-EF62RF02-55D	15 W	350mA	1137 lm	90+	2700K	55°
EM060-EF62RF02-55D	15 W	350mA	1264 lm	90+	3000K	55°

Order options

LED MODULE



EM060

SYSTEM POWER

10W
15W

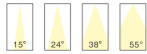
COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

MOUNTING RING

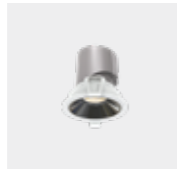


EF62RF03

ANTI-GLARE ACCESSORY



Honeycomb Soft Lens

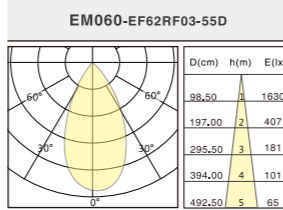
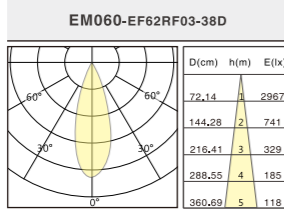
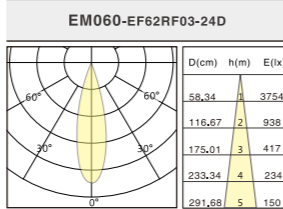
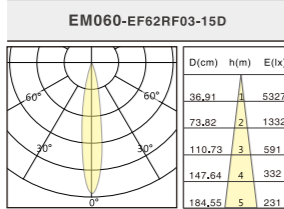


EM060-EF62RF03

3000K CRI90



Cut out: 75mm



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM060-EF62RF03-15D	10 W	250mA	771 lm	90+	2700K	15°
EM060-EF62RF03-15D	10 W	250mA	857 lm	90+	3000K	15°
EM060-EF62RF03-24D	10 W	250mA	810 lm	90+	2700K	24°
EM060-EF62RF03-24D	10 W	250mA	900 lm	90+	3000K	24°
EM060-EF62RF03-38D	10 W	250mA	831 lm	90+	2700K	38°
EM060-EF62RF03-38D	10 W	250mA	924 lm	90+	3000K	38°
EM060-EF62RF03-55D	10 W	250mA	801 lm	90+	2700K	55°
EM060-EF62RF03-55D	10 W	250mA	891 lm	90+	3000K	55°
EM060-EF62RF03-15D	15 W	350mA	1102 lm	90+	2700K	15°
EM060-EF62RF03-15D	15 W	350mA	1225 lm	90+	3000K	15°
EM060-EF62RF03-24D	15 W	350mA	1158 lm	90+	2700K	24°
EM060-EF62RF03-24D	15 W	350mA	1287 lm	90+	3000K	24°
EM060-EF62RF03-38D	15 W	350mA	1188 lm	90+	2700K	38°
EM060-EF62RF03-38D	15 W	350mA	1321 lm	90+	3000K	38°
EM060-EF62RF03-55D	15 W	350mA	1145 lm	90+	2700K	55°
EM060-EF62RF03-55D	15 W	350mA	1273 lm	90+	3000K	55°

Order options

LED MODULE



EM070

SYSTEM POWER

20W
25W

COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

MOUNTING RING



EF72RA01

ANTI-GLARE ACCESSORY

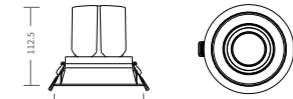


Honeycomb Soft Lens

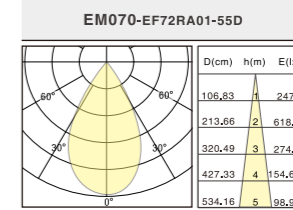
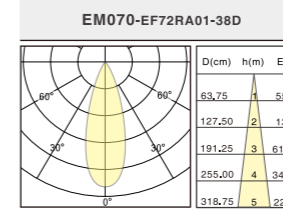
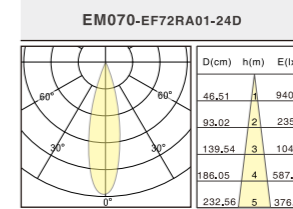
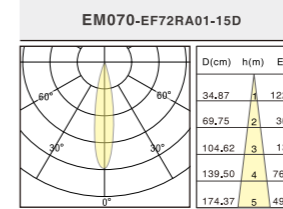


EM070-EF72RA01

3000K CRI90



Cut out: 115mm



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM070-EF72RA01-15D	20 W	500mA	1757 lm	90+	2700K	15°
EM070-EF72RA01-15D	20 W	500mA	1953 lm	90+	3000K	15°
EM070-EF72RA01-24D	20 W	500mA	1800 lm	90+	2700K	24°
EM070-EF72RA01-24D	20 W	500mA	2001 lm	90+	3000K	24°
EM070-EF72RA01-38D	20 W	500mA	1734 lm	90+	2700K	38°
EM070-EF72RA01-38D	20 W	500mA	1927 lm	90+	3000K	38°
EM070-EF72RA01-55D	20 W	500mA	1570 lm	90+	2700K	55°
EM070-EF72RA01-55D	20 W	500mA	1745 lm	90+	3000K	55°
EM070-EF72RA01-15D	25 W	600mA	1799 lm	90+	2700K	15°
EM070-EF72RA01-15D	25 W	600mA	1999 lm	90+	3000K	15°
EM070-EF72RA01-24D	25 W	600mA	1845 lm	90+	2700K	24°
EM070-EF72RA01-24D	25 W	600mA	2051 lm	90+	3000K	24°
EM070-EF72RA01-38D	25 W	600mA	1944 lm	90+	2700K	38°
EM070-EF72RA01-38D	25 W	600mA	2160 lm	90+	3000K	38°
EM070-EF72RA01-55D	25 W	600mA	1760 lm	90+	2700K	55°
EM070-EF72RA01-55D	25 W	600mA	1956 lm	90+	3000K	55°

Order options

LED MODULE



EM070

SYSTEM POWER

20W
25W

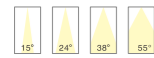
COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

MOUNTING RING



EF72RF01

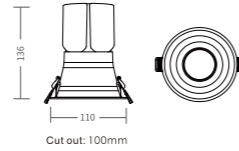
ANTI-GLARE ACCESSORY



Honeycomb Soft Lens

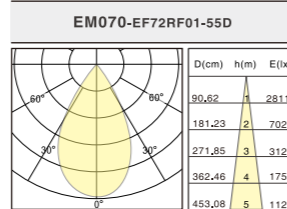
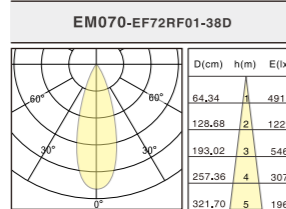
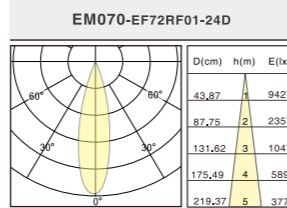
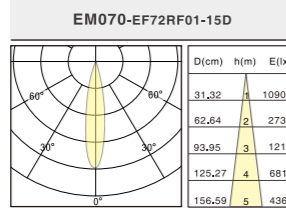


EM070-EF72RF01



Cut out: 100mm

3000K CRI90



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM070-EF72RF01-15D	20 W	500mA	1586 lm	90+	2700K	15°
EM070-EF72RF01-15D	20 W	500mA	1763 lm	90+	3000K	15°
EM070-EF72RF01-24D	20 W	500mA	1702 lm	90+	2700K	24°
EM070-EF72RF01-24D	20 W	500mA	1892 lm	90+	3000K	24°
EM070-EF72RF01-38D	20 W	500mA	1682 lm	90+	2700K	38°
EM070-EF72RF01-38D	20 W	500mA	1869 lm	90+	3000K	38°
EM070-EF72RF01-55D	20 W	500mA	1674 lm	90+	2700K	55°
EM070-EF72RF01-55D	20 W	500mA	1860 lm	90+	3000K	55°
EM070-EF72RF01-15D	25 W	600mA	1712 lm	90+	2700K	15°
EM070-EF72RF01-15D	25 W	600mA	1904 lm	90+	3000K	15°
EM070-EF72RF01-24D	25 W	600mA	1838 lm	90+	2700K	24°
EM070-EF72RF01-24D	25 W	600mA	2043 lm	90+	3000K	24°
EM070-EF72RF01-38D	25 W	600mA	1816 lm	90+	2700K	38°
EM070-EF72RF01-38D	25 W	600mA	2018 lm	90+	3000K	38°
EM070-EF72RF01-55D	25 W	600mA	1807 lm	90+	2700K	55°
EM070-EF72RF01-55D	25 W	600mA	2008 lm	90+	3000K	55°

Order options

LED MODULE



EM090

SYSTEM POWER

30W
35W

COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

MOUNTING RING



EF92RA01

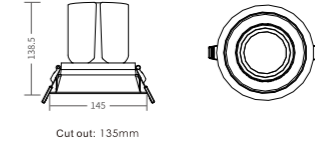
ANTI-GLARE ACCESSORY



Honeycomb Soft Lens

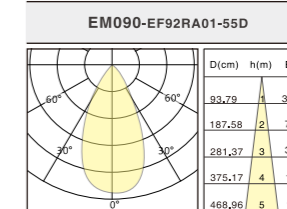
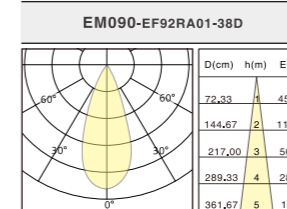
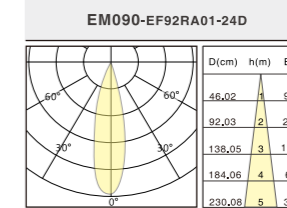
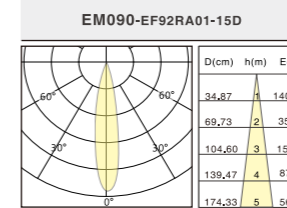


EM090-EF92RA01



Cut out: 135mm

3000K CRI90



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM090-EF92RA01-15D	30 W	700mA	2270 lm	90+	2700K	15°
EM090-EF92RA01-15D	30 W	700mA	2362 lm	90+	3000K	15°
EM090-EF92RA01-24D	30 W	700mA	2312 lm	90+	2700K	24°
EM090-EF92RA01-24D	30 W	700mA	2406 lm	90+	3000K	24°
EM090-EF92RA01-38D	30 W	700mA	2105 lm	90+	2700K	38°
EM090-EF92RA01-38D	30 W	700mA	2190 lm	90+	3000K	38°
EM090-EF92RA01-55D	30 W	700mA	2250 lm	90+	2700K	55°
EM090-EF92RA01-55D	30 W	700mA	2342 lm	90+	3000K	55°
EM090-EF92RA01-15D	35 W	850mA	2693 lm	90+	2700K	15°
EM090-EF92RA01-15D	35 W	850mA	2803 lm	90+	3000K	15°
EM090-EF92RA01-24D	35 W	850mA	2762 lm	90+	2700K	24°
EM090-EF92RA01-24D	35 W	850mA	2875 lm	90+	3000K	24°
EM090-EF92RA01-38D	35 W	850mA	2516 lm	90+	2700K	38°
EM090-EF92RA01-38D	35 W	850mA	2619 lm	90+	3000K	38°
EM090-EF92RA01-55D	35 W	850mA	2619 lm	90+	2700K	55°
EM090-EF92RA01-55D	35 W	850mA	2800 lm	90+	3000K	55°

Order options

LED MODULE



EM090

SYSTEM POWER

30W
35W

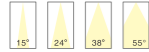
COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

MOUNTING RING



EF92RA02

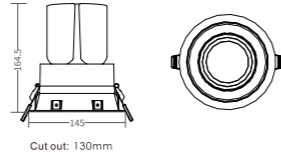
ANTI-GLARE ACCESSORY



Honeycomb Soft Lens

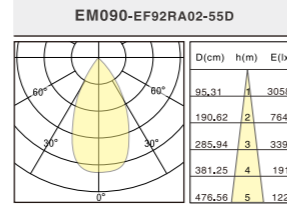
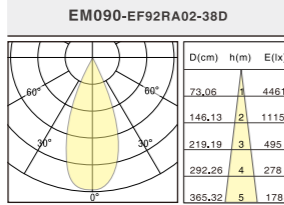
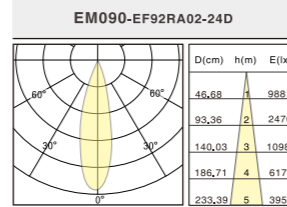
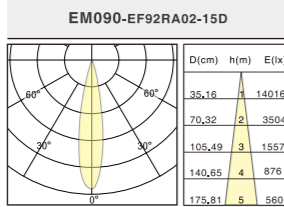


EM090-EF92RA02



Cut out: 130mm

3000K CRI90



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM090-EF92RA02-15D	30 W	700mA	2209 lm	90+	2700K	15°
EM090-EF92RA02-15D	30 W	700mA	2299 lm	90+	3000K	15°
EM090-EF92RA02-24D	30 W	700mA	2262 lm	90+	2700K	24°
EM090-EF92RA02-24D	30 W	700mA	2354 lm	90+	3000K	24°
EM090-EF92RA02-38D	30 W	700mA	2051 lm	90+	2700K	38°
EM090-EF92RA02-38D	30 W	700mA	2134 lm	90+	3000K	38°
EM090-EF92RA02-55D	30 W	700mA	2152 lm	90+	2700K	55°
EM090-EF92RA02-55D	30 W	700mA	2239 lm	90+	3000K	55°
EM090-EF92RA02-15D	35 W	850mA	2684 lm	90+	2700K	15°
EM090-EF92RA02-15D	35 W	850mA	2793 lm	90+	3000K	15°
EM090-EF92RA02-24D	35 W	850mA	2698 lm	90+	2700K	24°
EM090-EF92RA02-24D	35 W	850mA	2808 lm	90+	3000K	24°
EM090-EF92RA02-38D	35 W	850mA	2466 lm	90+	2700K	38°
EM090-EF92RA02-38D	35 W	850mA	2566 lm	90+	3000K	38°
EM090-EF92RA02-55D	35 W	850mA	2573 lm	90+	2700K	55°
EM090-EF92RA02-55D	35 W	850mA	2678 lm	90+	3000K	55°

Order options

LED MODULE



EM090

SYSTEM POWER

30W
35W

COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

MOUNTING RING



EF92RF01

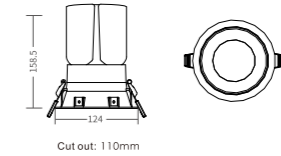
ANTI-GLARE ACCESSORY



Honeycomb Soft Lens

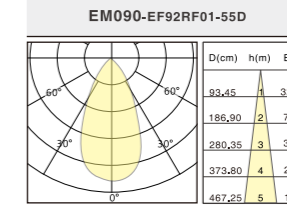
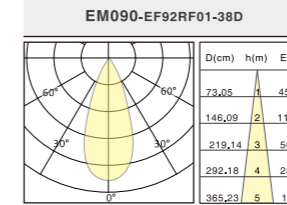
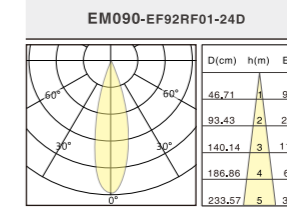
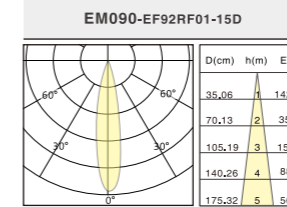


EM090-EF92RF01



Cut out: 110mm

3000K CRI90



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM090-EF92RF01-15D	30 W	700mA	2230 lm	90+	2700K	15°
EM090-EF92RF01-15D	30 W	700mA	2320 lm	90+	3000K	15°
EM090-EF92RF01-24D	30 W	700mA	2258 lm	90+	2700K	24°
EM090-EF92RF01-24D	30 W	700mA	2349 lm	90+	3000K	24°
EM090-EF92RF01-38D	30 W	700mA	2062 lm	90+	2700K	38°
EM090-EF92RF01-38D	30 W	700mA	2146 lm	90+	3000K	38°
EM090-EF92RF01-55D	30 W	700mA	2177 lm	90+	2700K	55°
EM090-EF92RF01-55D	30 W	700mA	2266 lm	90+	3000K	55°
EM090-EF92RF01-15D	35 W	850mA	2624 lm	90+	2700K	15°
EM090-EF92RF01-15D	35 W	850mA	2731 lm	90+	3000K	15°
EM090-EF92RF01-24D	35 W	850mA	2694 lm	90+	2700K	24°
EM090-EF92RF01-24D	35 W	850mA	2803 lm	90+	3000K	24°
EM090-EF92RF01-38D	35 W	850mA	2465 lm	90+	2700K	38°
EM090-EF92RF01-38D	35 W	850mA	2565 lm	90+	3000K	38°
EM090-EF92RF01-55D	35 W	850mA	2360 lm	90+	2700K	55°
EM090-EF92RF01-55D	35 W	850mA	2451 lm	90+	3000K	55°

Order options

LED MODULE



EM090

SYSTEM POWER

30W
35W

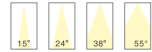
COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

MOUNTING RING

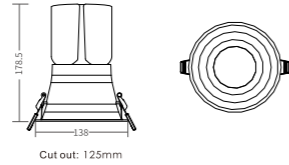


EF92RF02

ANTI-GLARE ACCESSORY



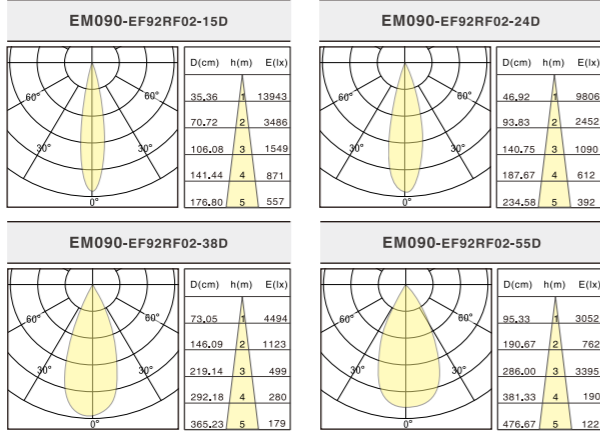
Honeycomb Soft Lens



Cut out: 125mm

EM090-EF92RF02

3000K CRI90



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM090-EF92RF02-15D	30 W	700mA	2259 lm	90+	2700K	15°
EM090-EF92RF02-15D	30 W	700mA	2351 lm	90+	3000K	15°
EM090-EF92RF02-24D	30 W	700mA	2304 lm	90+	2700K	24°
EM090-EF92RF02-24D	30 W	700mA	2398 lm	90+	3000K	24°
EM090-EF92RF02-38D	30 W	700mA	2051 lm	90+	2700K	38°
EM090-EF92RF02-38D	30 W	700mA	2134 lm	90+	3000K	38°
EM090-EF92RF02-55D	30 W	700mA	2203 lm	90+	2700K	55°
EM090-EF92RF02-55D	30 W	700mA	2292 lm	90+	3000K	55°
EM090-EF92RF02-15D	35 W	850mA	2699 lm	90+	2700K	15°
EM090-EF92RF02-15D	35 W	850mA	2809 lm	90+	3000K	15°
EM090-EF92RF02-24D	35 W	850mA	2754 lm	90+	2700K	24°
EM090-EF92RF02-24D	35 W	850mA	2866 lm	90+	3000K	24°
EM090-EF92RF02-38D	35 W	850mA	2509 lm	90+	2700K	38°
EM090-EF92RF02-38D	35 W	850mA	2611 lm	90+	3000K	38°
EM090-EF92RF02-55D	35 W	850mA	2641 lm	90+	2700K	55°
EM090-EF92RF02-55D	35 W	850mA	2748 lm	90+	3000K	55°
































































COMMERCIAL

ELLA-Commercial series, it comes into round and square with super modular design, in various wattages, can be a good lighting solution for any indoor retails or commercial environments. Honeycomb filter can be added to provide maximum visual comfort.



ELLA-Commercial Series Overview

Module	 EM050			 EM060			 EM070			 EM090		
Category	Commercial Adjustable						Commercial Adjustable					
Mounting Ring												
Picture&Name												
Cutout (mm)												
Trim Diameter (mm)												
Wattage & Luminous Flux	5W 377lm 8W 625lm			10W 929lm 15W 1325lm			20W 1881lm 25W 2031lm			30W 2435lm 35W 2842lm		
Beam Angle(°)	15°, 24°, 38°, 55°						15°, 24°, 38°, 55°					
Color Temperature	2700K 3000K 4000K						2700K 3000K 4000K					
Color Rendering Index_CRI	80+, 90+						80+, 90+					
Dimming Control	On-off, Phase dim, 1-10V, DALI, Tunable White, Dim to warm						On-off, Phase dim, 1-10V, DALI, Tunable White, Dim to warm					
Anti-glare Accessory	 Honeycomb			 Soft Lens			 Honeycomb			 Soft Lens		
Ceiling thickness	 spring plate 8mm-20mm						 spring strip 5mm-20mm			 spring clip 1mm-20mm		



MAIN FEATURES

- Elegant & compact in its style, versatile in its using.
- Precise light control, 15°, 24°, 38°, 55° beam lens options.
- Round & square mounting rings with tiltable 30° axis, also can be dual-head.
- Super modular design, replacing LED module, mounting ring, beam lens and anti-glare accessories without any needs for tools.
- IP20 is standard, IP44 is optional.

Order options

LED MODULE



EM050

SYSTEM POWER

5W
8W

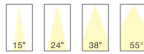
COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

MOUNTING RING

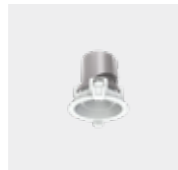


EF53RA01 EF53SA01

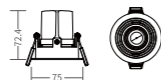
ANTI-GLARE ACCESSORY



Honeycomb Soft Lens



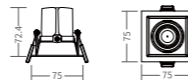
EM050-EF53RA01



Cut out: 65mm

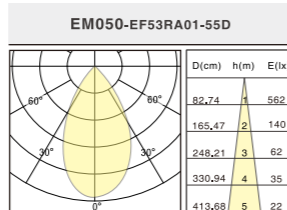
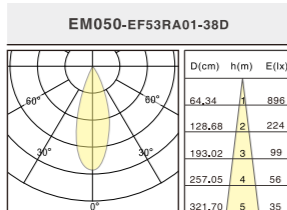
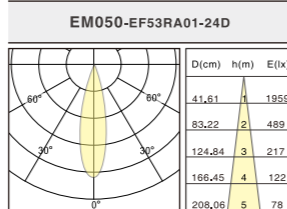
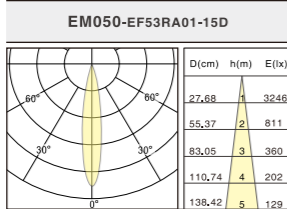


EM050-EF53SA01



Cut out: 65x65mm

3000K CRI90



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM050-EF53RA01-15D	5 W	120mA	355 lm	90+	2700K	15°
EM050-EF53RA01-15D	5 W	120mA	369 lm	90+	3000K	15°
EM050-EF53RA01-24D	5 W	120mA	362 lm	90+	2700K	24°
EM050-EF53RA01-24D	5 W	120mA	377 lm	90+	3000K	24°
EM050-EF53RA01-38D	5 W	120mA	363 lm	90+	2700K	38°
EM050-EF53RA01-38D	5 W	120mA	377 lm	90+	3000K	38°
EM050-EF53RA01-55D	5 W	120mA	344 lm	90+	2700K	55°
EM050-EF53RA01-55D	5 W	120mA	358 lm	90+	3000K	55°
EM050-EF53RA01-15D	8 W	180mA	505 lm	90+	2700K	15°
EM050-EF53RA01-15D	8 W	180mA	562 lm	90+	3000K	15°
EM050-EF53RA01-24D	8 W	180mA	546 lm	90+	2700K	24°
EM050-EF53RA01-24D	8 W	180mA	607 lm	90+	3000K	24°
EM050-EF53RA01-38D	8 W	180mA	544 lm	90+	2700K	38°
EM050-EF53RA01-38D	8 W	180mA	605 lm	90+	3000K	38°
EM050-EF53RA01-55D	8 W	180mA	550 lm	90+	2700K	55°
EM050-EF53RA01-55D	8 W	180mA	612 lm	90+	3000K	55°

Order options

LED MODULE



EM060

SYSTEM POWER

10W
15W

COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

MOUNTING RING



EF63RA01 EF63SA01

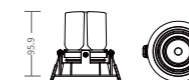
ANTI-GLARE ACCESSORY



Honeycomb Soft Lens



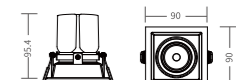
EM060-EF63RA01



Cut out: 80mm

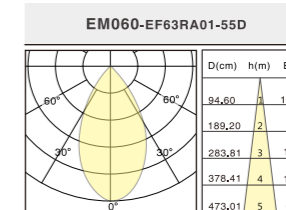
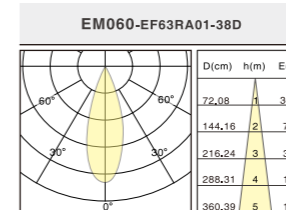
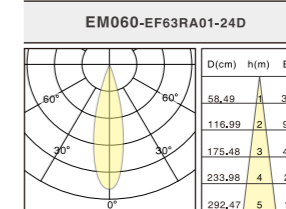
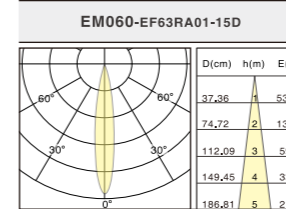


EM060-EF63SA01



Cut out: 80x80mm

3000K CRI90



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM060-EF63RA01-15D	10 W	250mA	757 lm	90+	2700K	15°
EM060-EF63RA01-15D	10 W	250mA	842 lm	90+	3000K	15°
EM060-EF63RA01-24D	10 W	250mA	796 lm	90+	2700K	24°
EM060-EF63RA01-24D	10 W	250mA	885 lm	90+	3000K	24°
EM060-EF63RA01-38D	10 W	250mA	836 lm	90+	2700K	38°
EM060-EF63RA01-38D	10 W	250mA	929 lm	90+	3000K	38°
EM060-EF63RA01-55D	10 W	250mA	786 lm	90+	2700K	55°
EM060-EF63RA01-55D	10 W	250mA	874 lm	90+	3000K	55°
EM060-EF63RA01-15D	15W	350mA	1082 lm	90+	2700K	15°
EM060-EF63RA01-15D	15 W	350mA	1203 lm	90+	3000K	15°
EM060-EF63RA01-24D	15 W	350mA	1138 lm	90+	2700K	24°
EM060-EF63RA01-24D	15 W	350mA	1265 lm	90+	3000K	24°
EM060-EF63RA01-38D	15 W	350mA	1195 lm	90+	2700K	38°
EM060-EF63RA01-38D	15 W	350mA	1325 lm	90+	3000K	38°
EM060-EF63RA01-55D	15 W	350mA	1124 lm	90+	2700K	55°
EM060-EF63RA01-55D	15 W	350mA	1249 lm	90+	3000K	55°

Order options

LED MODULE



EM070

SYSTEM POWER

20W
25W

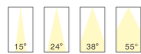
COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

MOUNTING RING



EF73RA01 EF73SA01

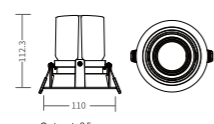
ANTI-GLARE ACCESSORY



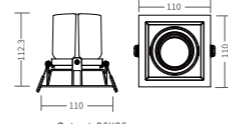
Honeycomb Soft Lens



EM070-EF73RA01

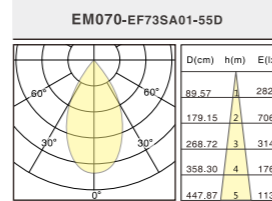
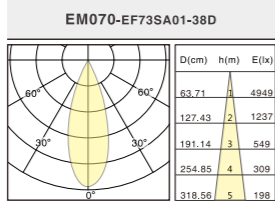
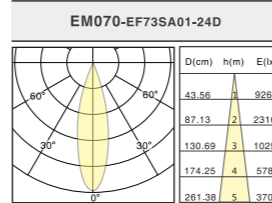
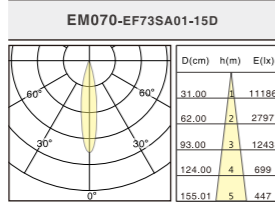


EM070-EF73SA01



Cut out: 95X95mm

3000K CRI90



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM070-EF73SA01-15D	20 W	500mA	1602 lm	90+	2700K	15°
EM070-EF73SA01-15D	20 W	500mA	1781 lm	90+	3000K	15°
EM070-EF73SA01-24D	20 W	500mA	1676 lm	90+	2700K	24°
EM070-EF73SA01-24D	20 W	500mA	1863 lm	90+	3000K	24°
EM070-EF73SA01-38D	20 W	500mA	1684 lm	90+	2700K	38°
EM070-EF73SA01-38D	20 W	500mA	1872 lm	90+	3000K	38°
EM070-EF73SA01-55D	20 W	500mA	1692 lm	90+	2700K	55°
EM070-EF73SA01-55D	20 W	500mA	1881 lm	90+	3000K	55°
EM070-EF73SA01-15D	25 W	600mA	1730 lm	90+	2700K	15°
EM070-EF73SA01-15D	25 W	600mA	1923 lm	90+	3000K	15°
EM070-EF73SA01-24D	25 W	600mA	1810 lm	90+	2700K	24°
EM070-EF73SA01-24D	25 W	600mA	2012 lm	90+	3000K	24°
EM070-EF73SA01-38D	25 W	600mA	1818 lm	90+	2700K	38°
EM070-EF73SA01-38D	25 W	600mA	2021 lm	90+	3000K	38°
EM070-EF73SA01-55D	25 W	600mA	1827 lm	90+	2700K	55°
EM070-EF73SA01-55D	25 W	600mA	2031 lm	90+	3000K	55°

Order options

LED MODULE



EM090

SYSTEM POWER

30W
35W

COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

MOUNTING RING



EF93RA01 EF93SA01

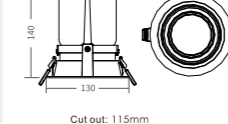
ANTI-GLARE ACCESSORY



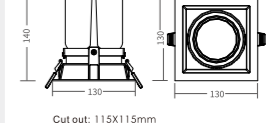
Honeycomb Soft Lens



EM090-EF93RA01

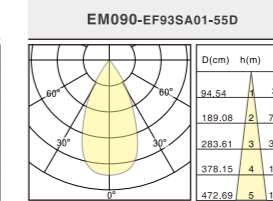
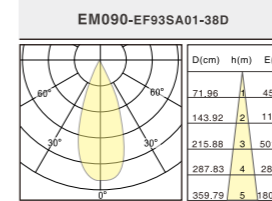
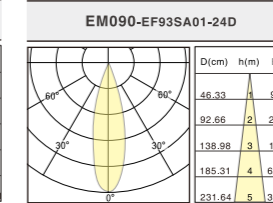
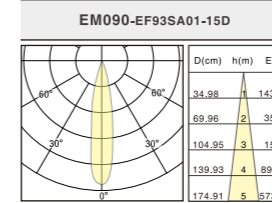


EM090-EF93SA01



Cut out: 115X115mm

3000K CRI90



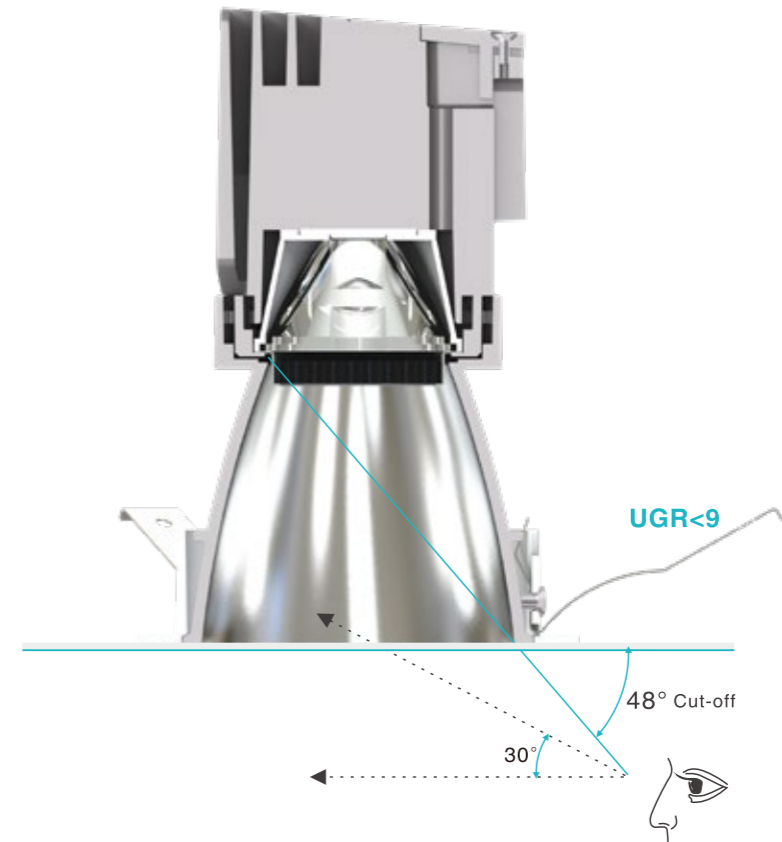
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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM090-EF93SA01-15D	30W	700mA	2255 lm	90+	2700K	15°
EM090-EF93SA01-15D	30 W	700mA	2346 lm	90+	3000K	15°
EM090-EF93SA01-24D	30 W	700mA	2340 lm	90+	2700K	24°
EM090-EF93SA01-24D	30 W	700mA	2435 lm	90+	3000K	24°
EM090-EF93SA01-38D	30 W	700mA	2106 lm	90+	2700K	38°
EM090-EF93SA01-38D	30 W	700mA	2191 lm	90+	3000K	38°
EM090-EF93SA01-55D	30 W	700mA	2299 lm	90+	2700K	55°
EM090-EF93SA01-55D	30W	700mA	2392 lm	90+	3000K	55°
EM090-EF93SA01-15D	35 W	850mA	2698 lm	90+	2700K	15°
EM090-EF93SA01-15D	35 W	850mA	2807 lm	90+	3000K	15°
EM090-EF93SA01-24D	35 W	850mA	2731 lm	90+	2700K	24°
EM090-EF93SA01-24D	35 W	850mA	2842 lm	90+	3000K	24°
EM090-EF93SA01-38D	35 W	850mA	2520 lm	90+	2700K	38°
EM090-EF93SA01-38D	35 W	850mA	2622 lm	90+	3000K	38°
EM090-EF93SA01-55D	35 W	850mA	2720 lm	90+	2700K	55°
EM090-EF93SA01-55D	35 W	850mA	2830 lm	90+	3000K	55°



Anti-glare

In the glare free angle, there is no direct view of the LED and the visible part of the reflector produces practically no glare at all. This zone offers very high visual comfort.



COB	>80 lm/W	CRI 90+	CRI 80+	Dimmable	Dimmable 1-10V	ball	Max 40°C -20°C	PF >0.90	355°
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MAIN FEATURES

- Elegant & compact in its style, versatile in its using.
- Precise light control, UGR<9.
- Super modular design, replacing LED module, mounting ring, beam lens and anti-glare accessories without any needs for tools.
- IP20 is standard, IP44 is optional.

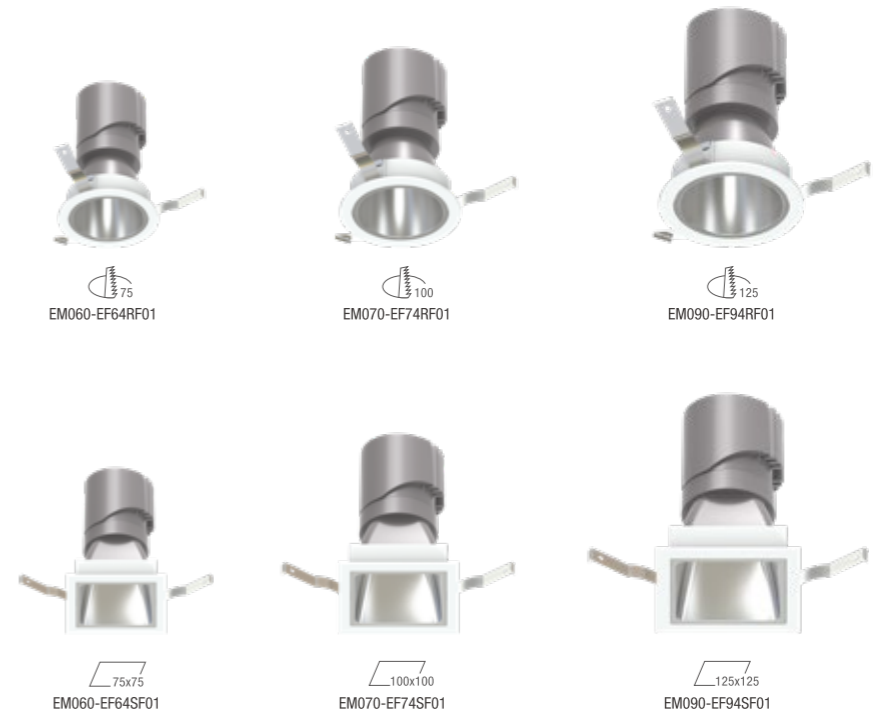
DEEP ANTI-GLARE

ELLA-Deep Anti-glare series, deep recessed mounting ring enable 48° cut-off for excellent glare control. The luminaires blend elegantly into the ceiling layout and embody the philosophy of "light instead of luminaires." Super modular design with round as well as square, honeycomb filter can be added to provide maximum visual comfort.



ELLA-Deep Anti-Glare Series Overview

Module	 EM060	 EM070	 EM090			
Category	Deep Anti-Glare Fixed					
Mounting Ring	 EF64RF01	 EF64SF01	 EF74RF01	 EF74SF01	 EF94RF01	 EF94SF01
Picture&Name	 EM060-EF64RF01	 EM060-EF64SF01	 EM070-EF74RF01	 EM070-EF74SF01	 EM090-EF94RF01	 EM090-EF94SF01
Cutout (mm)	 75	 75x75	 100	 100x100	 125	 125x125
Trim Diameter (mm)	 Φ85	 85x85	 Φ112	 112x112	 Φ125	 125x125
Wattage & Luminous Flux	10W 877lm	15W 1253m	20W 1847lm	25W 2008lm	30W 2305lm	35W 2707lm
Beam Angle(°)	15°, 24°, 38°, 55°					
Color Temperature	2700K 3000K 4000K					
Color Rendering Index_CRI	80+, 90+					
Dimming Control	On-off, Phase dim, 1-10V, DALI, Tunable White, Dim to warm					
Anti-glare Accessory	 Honeycomb  Soft Lens					
Ceiling thickness	 spring plate	 spring strip	 spring clip			
	8mm-20mm	5mm-20mm	1mm-20mm			



Order options

LED MODULE



EM060

SYSTEM POWER

10W
15W

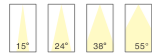
COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

MOUNTING RING



EF64RF01

ANTI-GLARE ACCESSORY

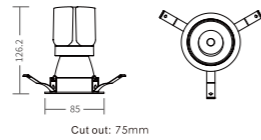


Honeycomb Soft Lens

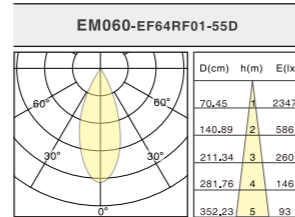
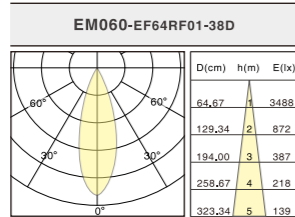
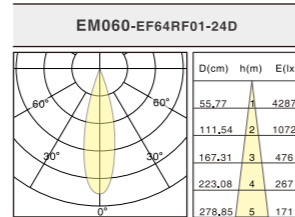
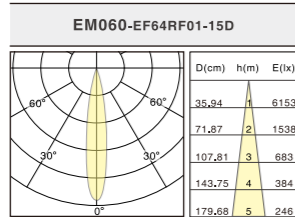


EM060-EF64RF01

3000K CRI90



Cut out: 75mm



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM060-EF64RF01-15D	10 W	250mA	680 lm	90+	2700K	15°
EM060-EF64RF01-15D	10 W	250mA	756 lm	90+	3000K	15°
EM060-EF64RF01-24D	10 W	250mA	735 lm	90+	2700K	24°
EM060-EF64RF01-24D	10 W	250mA	817 lm	90+	3000K	24°
EM060-EF64RF01-38D	10 W	250mA	760 lm	90+	2700K	38°
EM060-EF64RF01-38D	10 W	250mA	845 lm	90+	3000K	38°
EM060-EF64RF01-55D	10 W	250mA	692 lm	90+	2700K	55°
EM060-EF64RF01-55D	10 W	250mA	769 lm	90+	3000K	55°
EM060-EF64RF01-15D	15 W	350mA	972 lm	90+	2700K	15°
EM060-EF64RF01-15D	15 W	350mA	1081 lm	90+	3000K	15°
EM060-EF64RF01-24D	15 W	350mA	1051lm	90+	2700K	24°
EM060-EF64RF01-24D	15 W	350mA	1168 lm	90+	3000K	24°
EM060-EF64RF01-38D	15 W	350mA	1087 lm	90+	2700K	38°
EM060-EF64RF01-38D	15 W	350mA	1208 lm	90+	3000K	38°
EM060-EF64RF01-55D	15 W	350mA	989 lm	90+	2700K	55°
EM060-EF64RF01-55D	15 W	350mA	1099 lm	90+	3000K	55°

Order options

LED MODULE



EM060

SYSTEM POWER

10W
15W

COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

MOUNTING RING



EF64SF01

ANTI-GLARE ACCESSORY

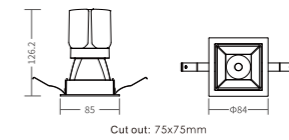


Honeycomb Soft Lens

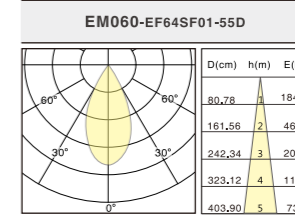
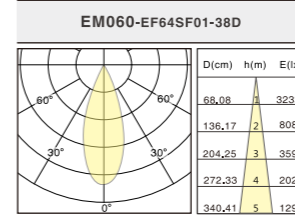
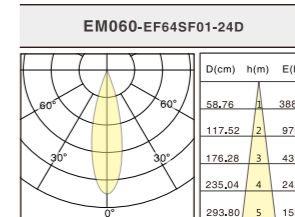
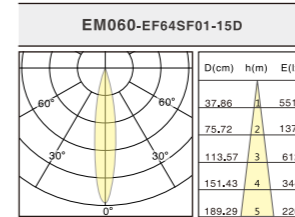


EM060-EF64SF01

3000K CRI90



Cut out: 75x75mm



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM060-EF64SF01-15D	10 W	250mA	693 lm	90+	2700K	15°
EM060-EF64SF01-15D	10 W	250mA	770 lm	90+	3000K	15°
EM060-EF64SF01-24D	10 W	250mA	746 lm	90+	2700K	24°
EM060-EF64SF01-24D	10 W	250mA	830 lm	90+	3000K	24°
EM060-EF64SF01-38D	10 W	250mA	788 lm	90+	2700K	38°
EM060-EF64SF01-38D	10 W	250mA	877 lm	90+	3000K	38°
EM060-EF64SF01-55D	10 W	250mA	711 lm	90+	2700K	55°
EM060-EF64SF01-55D	10 W	250mA	791 lm	90+	3000K	55°
EM060-EF64SF01-15D	15 W	350mA	990 lm	90+	2700K	15°
EM060-EF64SF01-15D	15 W	350mA	1100 lm	90+	3000K	15°
EM060-EF64SF01-24D	15 W	350mA	1067 lm	90+	2700K	24°
EM060-EF64SF01-24D	15 W	350mA	1186 lm	90+	3000K	24°
EM060-EF64SF01-38D	15 W	350mA	1127 lm	90+	2700K	38°
EM060-EF64SF01-38D	15 W	350mA	1253 lm	90+	3000K	38°
EM060-EF64SF01-55D	15 W	350mA	1017 lm	90+	2700K	55°
EM060-EF64SF01-55D	15 W	350mA	1131 lm	90+	3000K	55°

Order options

LED MODULE



EM070

SYSTEM POWER

20W
25W

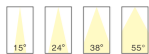
COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

MOUNTING RING



EF74RF01

ANTI-GLARE ACCESSORY

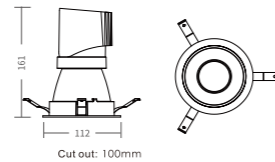


Honeycomb Soft Lens

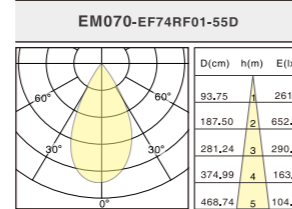
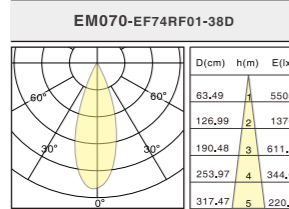
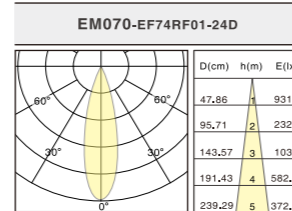
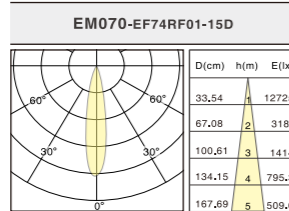


EM070-EF74RF01

3000K CRI90



Cut out: 100mm



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM070-EF74RF01-15D	20 W	500mA	1464 lm	90+	2700K	15°
EM070-EF74RF01-15D	20 W	500mA	1627 lm	90+	3000K	15°
EM070-EF74RF01-24D	20 W	500mA	1611 lm	90+	2700K	24°
EM070-EF74RF01-24D	20 W	500mA	1790 lm	90+	3000K	24°
EM070-EF74RF01-38D	20 W	500mA	1612 lm	90+	2700K	38°
EM070-EF74RF01-38D	20 W	500mA	1792 lm	90+	3000K	38°
EM070-EF74RF01-55D	20 W	500mA	1602 lm	90+	2700K	55°
EM070-EF74RF01-55D	20 W	500mA	1780 lm	90+	3000K	55°
EM070-EF74RF01-15D	25 W	600mA	1581 lm	90+	2700K	15°
EM070-EF74RF01-15D	25 W	600mA	1757 lm	90+	3000K	15°
EM070-EF74RF01-24D	25 W	600mA	1739 lm	90+	2700K	24°
EM070-EF74RF01-24D	25 W	600mA	1933 lm	90+	3000K	24°
EM070-EF74RF01-38D	25 W	600mA	1740 lm	90+	2700K	38°
EM070-EF74RF01-38D	25 W	600mA	1935 lm	90+	3000K	38°
EM070-EF74RF01-55D	25 W	600mA	1730 lm	90+	2700K	55°
EM070-EF74RF01-55D	25 W	600mA	1922 lm	90+	3000K	55°

Order options

LED MODULE



EM070

SYSTEM POWER

20W
25W

COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

MOUNTING RING



EF74SF01

ANTI-GLARE ACCESSORY

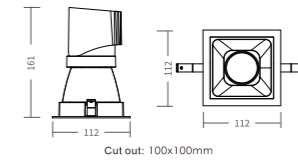


Honeycomb Soft Lens

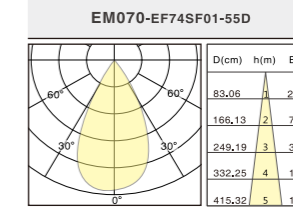
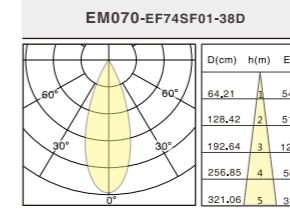
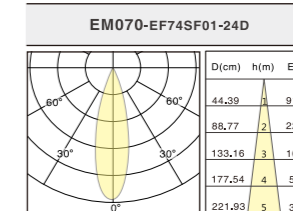
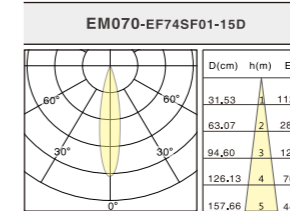


EM070-EF74SF01

3000K CRI90



Cut out: 100x100mm



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM070-EF74SF01-15D	20 W	500mA	1500 lm	90+	2700K	15°
EM070-EF74SF01-15D	20 W	500mA	1667 lm	90+	3000K	15°
EM070-EF74SF01-24D	20 W	500mA	1619 lm	90+	2700K	24°
EM070-EF74SF01-24D	20 W	500mA	1799 lm	90+	3000K	24°
EM070-EF74SF01-38D	20 W	500mA	1662 lm	90+	2700K	38°
EM070-EF74SF01-38D	20 W	500mA	1847 lm	90+	3000K	38°
EM070-EF74SF01-55D	20 W	500mA	1598 lm	90+	2700K	55°
EM070-EF74SF01-55D	20 W	500mA	1776 lm	90+	3000K	55°
EM070-EF74SF01-15D	25 W	600mA	1620 lm	90+	2700K	15°
EM070-EF74SF01-15D	25 W	600mA	1800 lm	90+	3000K	15°
EM070-EF74SF01-24D	25 W	600mA	1748 lm	90+	2700K	24°
EM070-EF74SF01-24D	25 W	600mA	1942 lm	90+	3000K	24°
EM070-EF74SF01-38D	25 W	600mA	1794 lm	90+	2700K	38°
EM070-EF74SF01-38D	25 W	600mA	2008 lm	90+	3000K	38°
EM070-EF74SF01-55D	25 W	600mA	1725 lm	90+	2700K	55°
EM070-EF74SF01-55D	25 W	600mA	1918 lm	90+	3000K	55°

Order options

LED MODULE



EM090

SYSTEM POWER

30W
35W

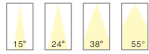
COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

MOUNTING RING



EF94RF01

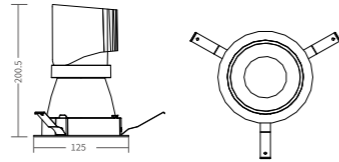
ANTI-GLARE ACCESSORY



Honeycomb Soft Lens

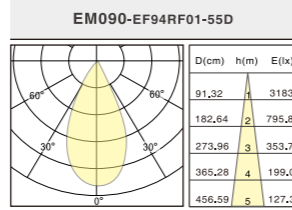
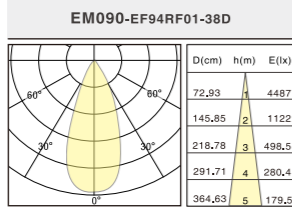
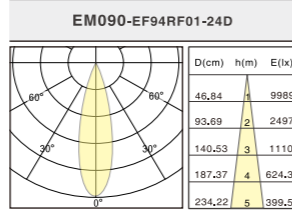
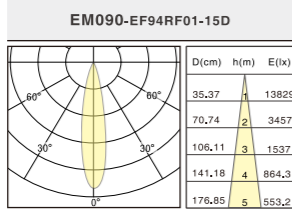


EM090-EF94RF01



Cut out: 125mm

3000K CRI90



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM090-EF94RF01-15D	30 W	700mA	2087 lm	90+	2700K	15°
EM090-EF94RF01-15D	30 W	700mA	2172 lm	90+	3000K	15°
EM090-EF94RF01-24D	30 W	700mA	2185 lm	90+	2700K	24°
EM090-EF94RF01-24D	30 W	700mA	2274 lm	90+	3000K	24°
EM090-EF94RF01-38D	30 W	700mA	1979 lm	90+	2700K	38°
EM090-EF94RF01-38D	30 W	700mA	2060 lm	90+	3000K	38°
EM090-EF94RF01-55D	30 W	700mA	1997 lm	90+	2700K	55°
EM090-EF94RF01-55D	30 W	700mA	2078 lm	90+	3000K	55°
EM090-EF94RF01-15D	35 W	850mA	2487 lm	90+	2700K	15°
EM090-EF94RF01-15D	35 W	850mA	2588 lm	90+	3000K	15°
EM090-EF94RF01-24D	35 W	850mA	2593 lm	90+	2700K	24°
EM090-EF94RF01-24D	35 W	850mA	2698 lm	90+	3000K	24°
EM090-EF94RF01-38D	35 W	850mA	2387 lm	90+	2700K	38°
EM090-EF94RF01-38D	35 W	850mA	2484 lm	90+	3000K	38°
EM090-EF94RF01-55D	35 W	850mA	2401 lm	90+	2700K	55°
EM090-EF94RF01-55D	35 W	850mA	2498 lm	90+	3000K	55°

Order options

LED MODULE



EM090

SYSTEM POWER

30W
35W

COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

MOUNTING RING



EF94SF01

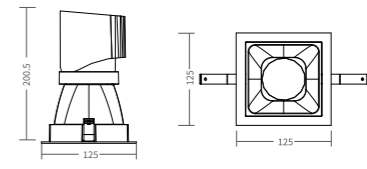
ANTI-GLARE ACCESSORY



Honeycomb Soft Lens

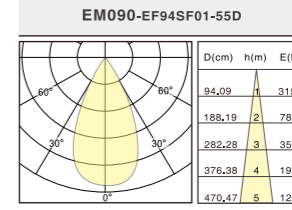
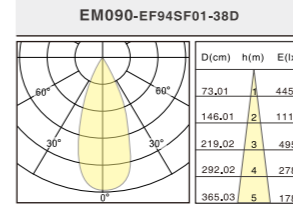
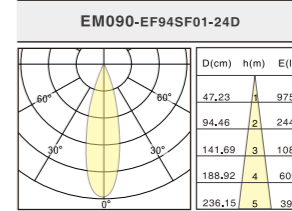
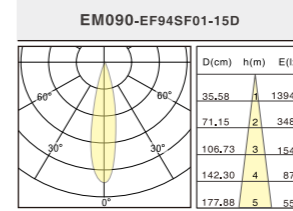


EM090-EF94SF01



Cut out: 125x125mm

3000K CRI90



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







Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM090-EF94SF01-15D	30 W	700mA	2180 lm	90+	2700K	15°
EM090-EF94SF01-15D	30 W	700mA	2268 lm	90+	3000K	15°
EM090-EF94SF01-24D	30 W	700mA	2215 lm	90+	2700K	24°
EM090-EF94SF01-24D	30 W	700mA	2305 lm	90+	3000K	24°
EM090-EF94SF01-38D	30 W	700mA	2017 lm	90+	2700K	38°
EM090-EF94SF01-38D	30 W	700mA	2099 lm	90+	3000K	38°
EM090-EF94SF01-55D	30 W	700mA	2138 lm	90+	2700K	55°
EM090-EF94SF01-55D	30 W	700mA	2225 lm	90+	3000K	55°
EM090-EF94SF01-15D	35 W	850mA	2601 lm	90+	2700K	15°
EM090-EF94SF01-15D	35 W	850mA	2707 lm	90+	3000K	15°
EM090-EF94SF01-24D	35 W	850mA	2648 lm	90+	2700K	24°
EM090-EF94SF01-24D	35 W	850mA	2775 lm	90+	3000K	24°
EM090-EF94SF01-38D	35 W	850mA	2419 lm	90+	2700K	38°
EM090-EF94SF01-38D	35 W	850mA	2517 lm	90+	3000K	38°
EM090-EF94SF01-55D	35 W	850mA	2540 lm	90+	2700K	55°
EM090-EF94SF01-55D	35 W	850mA	2643 lm	90+	3000K	55°

ELLA-Wall washer Series Overview



WALL WASHER

ELLA-Wall washer series , can wash the wall thanks to it's asymmetric light distribution. Super moduar design with round as well as square, honeycomb filter can be added to provide maximum visual comfort.

Module	 EM060		
Category	Wall washer		
	Fixed		
Mounting Ring	 EF65RF01	 EF65SF01	
Picture&Name	 EM060-EF65RF01	 EM060-EF65SF01	
Cutout (mm)	 75	 75x75	
Trim Diameter (mm)	 Φ88	 88x88	
Wattage & Luminous Flux	10W 932lm	15W 1298lm	
Beam Angle(°)	15°, 24°, 38°, 55°		
Color Temperature	2700K 3000K 4000K		
Color Rendering Index_CRI	80+, 90+		
Dimming Control	On-off, Phase dim, 1-10V, DALI, Tunable White, Dim to warm		
Anti-glare Accessory	 Honeycomb	 Soft Lens	
Ceiling thickness	 spring plate ± 8mm-20mm	 spring strip ± 5mm-20mm	 spring clip ± 1mm-20mm












MAIN FEATURES

- Elegant & compact in its style, versatile in its using.
- Asymmetric light distribution.
- Super modular design, replacing LED module, mounting ring, beam lens and anti-glare accessories without any needs for tools.
- IP20 is standard, IP44 is optional.

Order options

LED MODULE



EM060

SYSTEM POWER

10W
15W

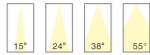
COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

MOUNTING RING



EF65RF01

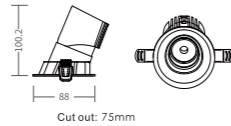
ANTI-GLARE ACCESSORY



Honeycomb Soft Lens

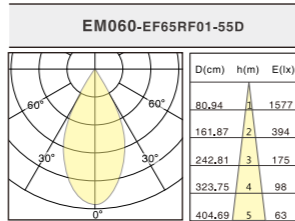
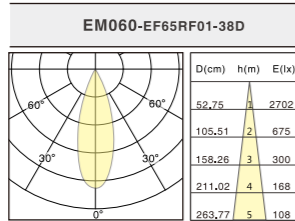
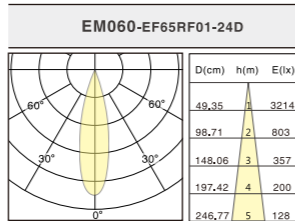
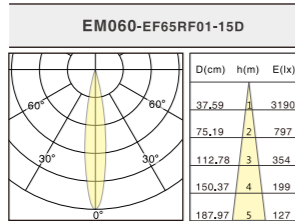


EM060-EF65RF01



Cut out: 75mm

3000K CRI90



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM060-EF65RF01-15D	10 W	250mA	781 lm	90+	2700K	15°
EM060-EF65RF01-15D	10 W	250mA	869 lm	90+	3000K	15°
EM060-EF65RF01-24D	10 W	250mA	806 lm	90+	2700K	24°
EM060-EF65RF01-24D	10 W	250mA	896 lm	90+	3000K	24°
EM060-EF65RF01-38D	10 W	250mA	837 lm	90+	2700K	38°
EM060-EF65RF01-38D	10 W	250mA	931 lm	90+	3000K	38°
EM060-EF65RF01-55D	10 W	250mA	795 lm	90+	2700K	55°
EM060-EF65RF01-55D	10 W	250mA	884 lm	90+	3000K	55°
EM060-EF65RF01-15D	15 W	350mA	1117 lm	90+	2700K	15°
EM060-EF65RF01-15D	15 W	350mA	1242 lm	90+	3000K	15°
EM060-EF65RF01-24D	15 W	350mA	1152 lm	90+	2700K	24°
EM060-EF65RF01-24D	15 W	350mA	1281 lm	90+	3000K	24°
EM060-EF65RF01-38D	15 W	350mA	1197 lm	90+	2700K	38°
EM060-EF65RF01-38D	15 W	350mA	1330 lm	90+	3000K	38°
EM060-EF65RF01-55D	15 W	350mA	1137 lm	90+	2700K	55°
EM060-EF65RF01-55D	15 W	350mA	1264 lm	90+	3000K	55°

Order options

LED MODULE



EM060

SYSTEM POWER

10W
15W

COLOR TEMPERATURE

2700K
3000K

COLOR RENDERING INDEX_CRI

CRI 80
CRI 90

PRIMARY LENS



DIMMING CONTROL

On-off,
Phase dim,
1-10V,
DALI,
Tunable white,
Dim to warm

MOUNTING RING



EF65SF01

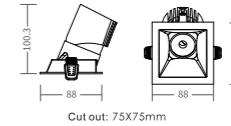
ANTI-GLARE ACCESSORY



Honeycomb Soft Lens

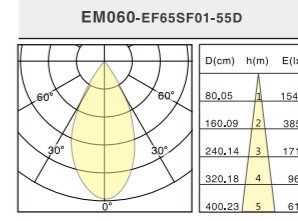
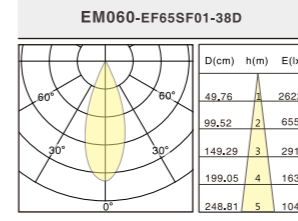
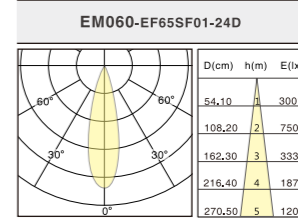
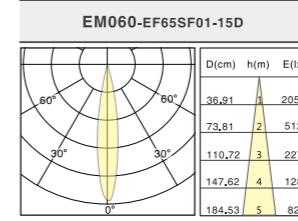


EM060-EF65SF01



Cut out: 75X75mm

3000K CRI90



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Order info.	Power	Led Current	Luminous Flux(lm)	CRI	CCT	Beam Angle (°)
EM060-EF65SF01-15D	10 W	250mA	787 lm	90+	2700K	15°
EM060-EF65SF01-15D	10 W	250mA	875 lm	90+	3000K	15°
EM060-EF65SF01-24D	10 W	250mA	814 lm	90+	2700K	24°
EM060-EF65SF01-24D	10 W	250mA	905 lm	90+	3000K	24°
EM060-EF65SF01-38D	10 W	250mA	838 lm	90+	2700K	38°
EM060-EF65SF01-38D	10 W	250mA	932 lm	90+	3000K	38°
EM060-EF65SF01-55D	10 W	250mA	817 lm	90+	2700K	55°
EM060-EF65SF01-55D	10 W	250mA	908 lm	90+	3000K	55°
EM060-EF65SF01-15D	15 W	350mA	1125 lm	90+	2700K	15°
EM060-EF65SF01-15D	15 W	350mA	1250 lm	90+	3000K	15°
EM060-EF65SF01-24D	15 W	350mA	1164 lm	90+	2700K	24°
EM060-EF65SF01-24D	15 W	350mA	1294 lm	90+	3000K	24°
EM060-EF65SF01-38D	15 W	350mA	1198 lm	90+	2700K	38°
EM060-EF65SF01-38D	15 W	350mA	1332 lm	90+	3000K	38°
EM060-EF65SF01-55D	15 W	350mA	1168 lm	90+	2700K	55°
EM060-EF65SF01-55D	15 W	350mA	1298 lm	90+	3000K	55°

ELLA Downlight System
Display Case



Weight: 11kg

