



Type:

Project:

ELLA-Deep Anti-glare EM060



DESCRIPTION

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.

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.

SPECIFICATIONS

ELECTRICAL

Power:	10W, 15W
Voltage:	220-240V / 100-277V AC
Frequency:	50/60Hz
Power Factor:	>0.90
Dimming :	0/1-10V / TRIAC / DALI / CASAMBI

OPTICAL

LED Type:	COB
Lumen Output:	897lm (10W), 1223lm (15W)
Beam Optic:	Narrow Spot (15°) / Spot (24°, 38°) / Flood (50°)
Color Quality:	CRI 80+/90+, SDCM≤3
Color Temperature:	Static White: 2700K, 3000K, 3500K, 4000K Tunable White: 2700K-6000K Dim-to Warm: 2000K-3000K

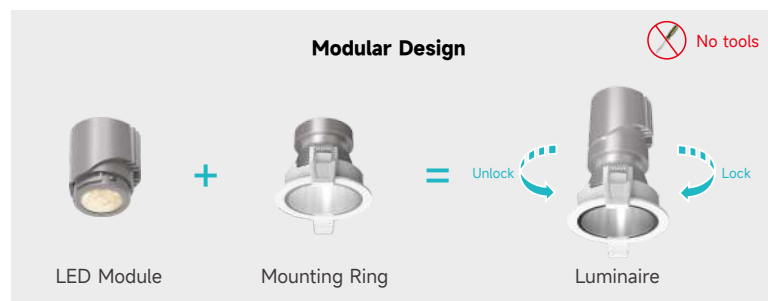
LUMINAIRE

Trim Color:	White / Black / Custom Finish*(Consult Factory)
Operating Temperature:	-10°C~30°C
Lifespan:	>50000h@80% (L80)
Warranty:	5 years Carefree for Parts and Components (Labor not included) LED luminaire life reduction and warranty invalidation will occur if installed in environments above 30°C

PHYSICAL

Ceiling Thickness:	1mm to 20mm spring clip
Construction:	Aluminum
Mounting:	Recessed with spring clips

DETAILS





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ORDERING INFORMATION

EM060							
MODULE	TRIM	LUMEN	TRIM COLOR	CRI	CCT	OPTIC	DIMMING
<input type="checkbox"/> EM060 ELLA 75mm Aperture	<input type="checkbox"/> EF64RF01 Round	<input type="checkbox"/> L08 800lm	<input type="checkbox"/> W White	<input type="checkbox"/> 8 80+	<input type="checkbox"/> 27 2700K	<input type="checkbox"/> 015 Narrow Spot 15°	<input type="checkbox"/> V 0/1-10V
	<input type="checkbox"/> EF64SF01 Square	<input type="checkbox"/> L12 1200lm	<input type="checkbox"/> B Black	<input type="checkbox"/> 9 90+	<input type="checkbox"/> 30 3000K	<input type="checkbox"/> 024 Spot 24°	<input type="checkbox"/> T Triac
			<input type="checkbox"/> C Custom Finish *(Consult Factory)		<input type="checkbox"/> 35 3500K	<input type="checkbox"/> 038 Spot 38°	<input type="checkbox"/> X 0-10V/Triac
					<input type="checkbox"/> 40 4000K	<input type="checkbox"/> 050 Flood 50°	<input type="checkbox"/> D DALI
					<input type="checkbox"/> TW Tunable White 2700K-6000K		<input type="checkbox"/> C CASAMBI
					<input type="checkbox"/> DW Dim To Warm 2000K-3000K		

ACCESSORIES (TO BE ORDERED SEPARATELY)
 FOR INSTALLATION CONSULT THE INSTRUCTION SHEET

OPTICAL ACCESSORY

Honeycomb
 EM060-H



Soft Lens
 EM060-L





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PHOTOMETRIC DATA (NON-DIMMING)

LUMEN PACKAGE	POWER	CCT	15°			24°			38°			50°		
			LUMENS	EFFICACY	MAX CANDELA	LUMENS	EFFICACY	MAX CANDELA	LUMENS	EFFICACY	MAX CANDELA	LUMENS	EFFICACY	MAX CANDELA
EM060-EF64RF01	10W	3000K	814	79	5215	879	86	3959	897	90	2456	825	83	1615
EM060-EF64RF01	15W	3000K	1094	76	6965	1199	82	5351	1223	87	3345	855	62	1642

Above test data is based on [Round\(EF64RF01\)](#) trim with 3000K 90CRI LED.

LUMEN MULTIPLIERS

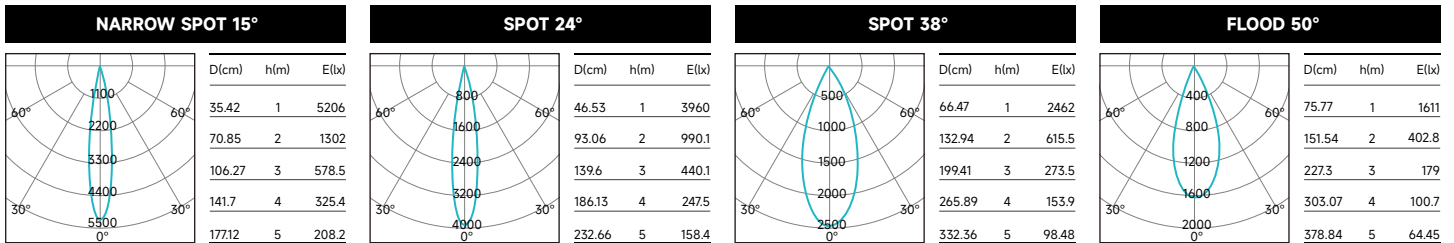
Applying Lumen Multipliers to Calculate Delivered Lumens

CCT	MULTIPLIER
2700K	0.95
3000K	1.00
3500K	1.04
4000K	1.06

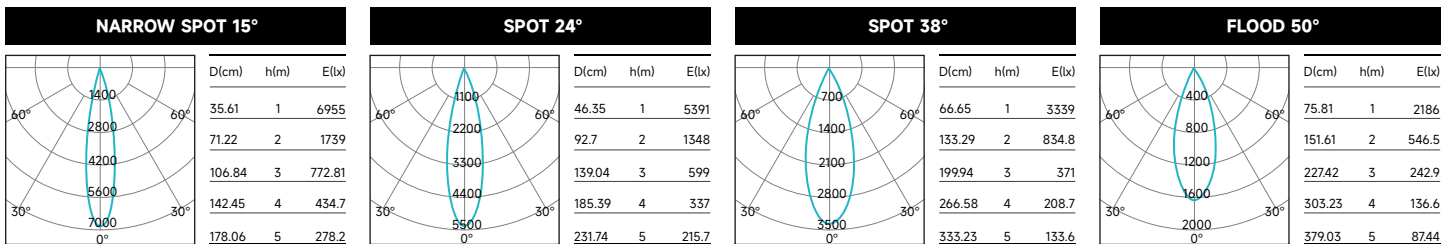
Base Fixture Delivered Lumens (from PHOTOMETRIC DATA)	x	CCT Multiplier	=	Delivered Lumens for Desired Fixture
STANDARD TRIM Example: EM060-EF64RF01 10W 3500K				
814 lm	x	1.04	=	846 lm

LIGHT DISTRIBUTION

3000K 10W

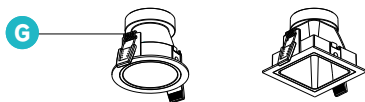
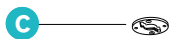
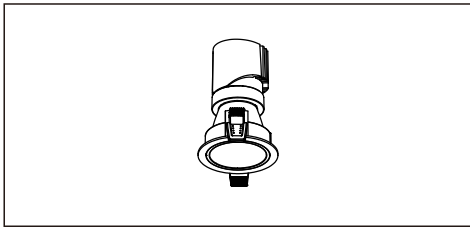


3000K 15W



Above test data is based on [Round\(EF64RF01\)](#) trim with 3000K 90CRI LED.

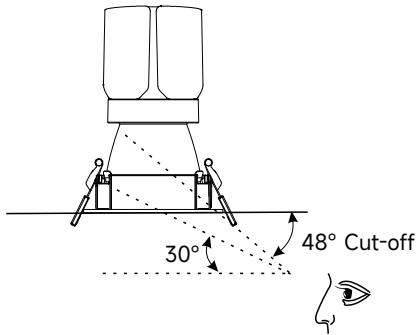
EXPLODED OVERVIEW - PART SELECTION



PARTS

- A** - Led Module
- B** - Light Source
Static White: 2700K, 3000K, 3500K, 4000K
Dim To Warm: 2000K-3000K
Tunable White: 2700K-6000K
- C** - LED Holder
- D** - Beam Lens (15° / 24° / 38° / 50°)
- E** - Honeycomb, Soft Lens
- F** - Fixed Ring
- G** - Round Trim For One Light Engine
Square Trim For One Light Engine

BEAM CUT OFF ANGLE

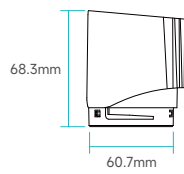


DIMENSION

LED Module



EM060

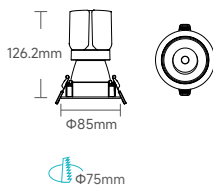


Trim For ELLA-Hotel Series



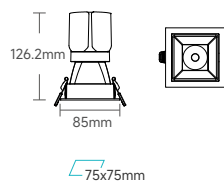
Round

EM060-EF64RF01



Square

EM060-EF64SF01





ELLA DOWNLIGHT SYSTEM

ELLA is the latest evolution of VILLA downlight system. In addition to aesthetic design, precise light control and great UGR, the versatility of ELLA, underwritten by its compact format and super modular design, one LED Module shares numerous mounting rings, display particular strength in hotels, residential, or any indoor commercial environments. Round as well as square designs with adjustable and fixed options, in various wattages enable nuanced adaptations to different needs.

DETAILS



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