



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.

ELECTRICAL

Power:	10W, 15W
Voltage:	220-240V / 100-277V AC
Frequency:	50/60Hz
Power factor:	>0.90
Dimming:	0/1-10V(1%) / TRIAC(1%) / DALI(0.1%) / CASAMBI(1%)

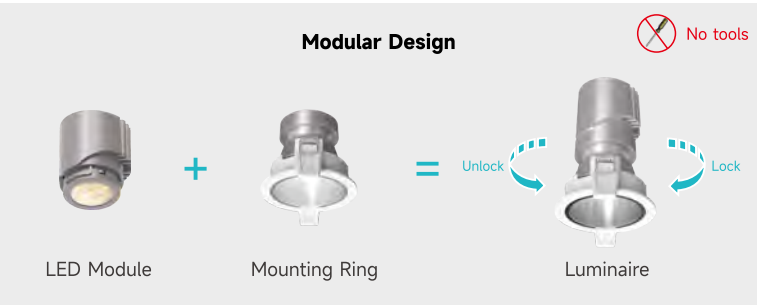
OPTICAL

LED type:	COB
Lumen output:	897lm (10W), 1223lm (15W)
Beam optic:	15° / 24° / 38° / 50°
Color quality:	CRI 80+/90+, SDCM < 3
Light color:	Static White: 2700K, 3000K, 3500K, 4000K Tunable White: 2700K-6000K Dim To Warm: 2000K-3000K

LUMINAIRE

Frame color:	Grey
Trim color:	White / Black / Custom Finish*(Consult Factory)
Operating temperature:	-10°C~30°C
Lifespan:	>50000h@80%(L80)
Warranty:	5 years limited warranty

DETAILS





ORDERING INFORMATION

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

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

OPTICAL ACCESSORY

☐ **Honeycomb**
EM060-H

☐ **Soft Lens**
EM060-L





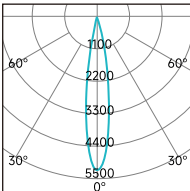
PHOTOMETRIC DATA (NON-DIMMING)

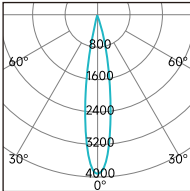
POWER	CCT	CRI	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)
10W	3000K	90	15°	814	79	5215
			24°	879	86	3959
			38°	897	91	2456
			50°	825	83	1615
15W	3000K	90	15°	1094	75	6965
			24°	1199	82	5351
			38°	1223	87	3345
			50°	855	62	1642

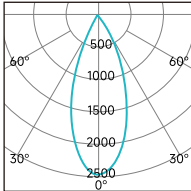
Above test data is based on [Round\(EF64RF01\)](#) trim with 3000K 90CRI LED.

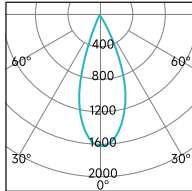
LIGHT DISTRIBUTION

3000K 10W

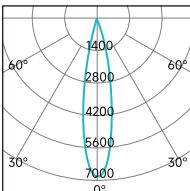
15°			
	D(cm)	h(m)	E(lx)
	35.42	1	5206
	70.85	2	1302
	106.27	3	578.5
	141.7	4	325.4
	177.12	5	208.2

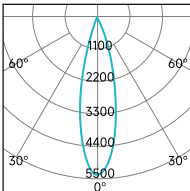
24°			
	D(cm)	h(m)	E(lx)
	46.53	1	3960
	93.06	2	990.1
	139.6	3	440.1
	186.13	4	247.5
	232.66	5	158.4

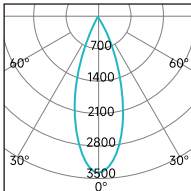
38°			
	D(cm)	h(m)	E(lx)
	66.47	1	2462
	132.94	2	615.5
	199.41	3	273.5
	265.89	4	153.9
	332.36	5	98.48

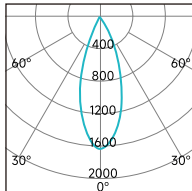
50°			
	D(cm)	h(m)	E(lx)
	75.77	1	1611
	151.54	2	402.8
	227.3	3	179
	303.07	4	100.7
	378.84	5	64.45

3000K 15W

15°			
	D(cm)	h(m)	E(lx)
	35.61	1	6955
	71.22	2	1739
	106.84	3	772.81
	142.45	4	434.7
	178.06	5	278.2

24°			
	D(cm)	h(m)	E(lx)
	46.35	1	5391
	92.7	2	1348
	139.04	3	599
	185.39	4	337
	231.74	5	215.7

38°			
	D(cm)	h(m)	E(lx)
	66.65	1	3339
	133.29	2	834.8
	199.94	3	371
	266.58	4	208.7
	333.23	5	133.6

50°			
	D(cm)	h(m)	E(lx)
	75.81	1	2186
	151.61	2	546.5
	227.42	3	242.9
	303.23	4	136.6
	379.03	5	87.44

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

LUMEN MULTIPLIERS

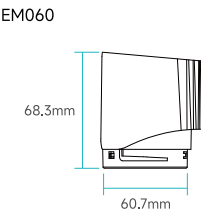
CCT	MULTIPLIER
2700K	0.95
3000K	1.00
3500K	1.04
4000K	1.06

Applying Lumen Multipliers to Calculate Delivered Lumens

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

DIMENSION

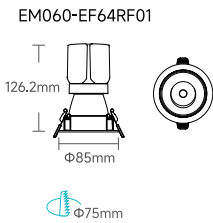
LED Module



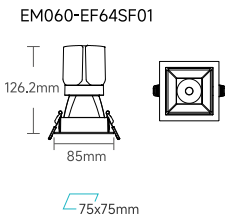
Trim For ELLA-Hotel Series



Round



Square





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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