



ELLA-Residential

EM060



DESCRIPTION

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.

FEATURES

- Elegant & compact in its style, versatile in its using.
- Precise light control, 15°, 24°, 38°, 50° 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.

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%)

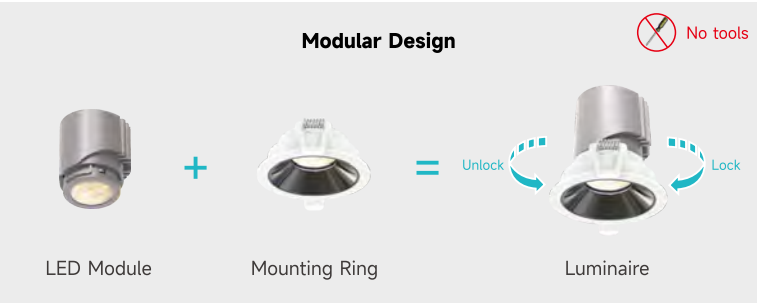
OPTICAL

LED type:	COB
Lumen output:	907lm (10W), 1200lm (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	☐ EF62RA01 Wide Frame Big pinhole ☐ EF62RF01 Wide Frame Small Pinhole ☐ EF62RA02 Deep Frame Adjustable ☐ EF62RF02 Deep Frame Fixed ☐ EF62RA03 Inner Adjustable ☐ EF62RF03 Shallow Frame Reflector ☐ EF62RA04 Round Pinhole Adjustable ☐ EF62SA04 Square Round Pinhole Adjustable ☐ EF62RA05 Oval Pinhole Adjustable ☐ EF62SA05 Square Round Pinhole Adjustable	☐ L09 900lm ☐ 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





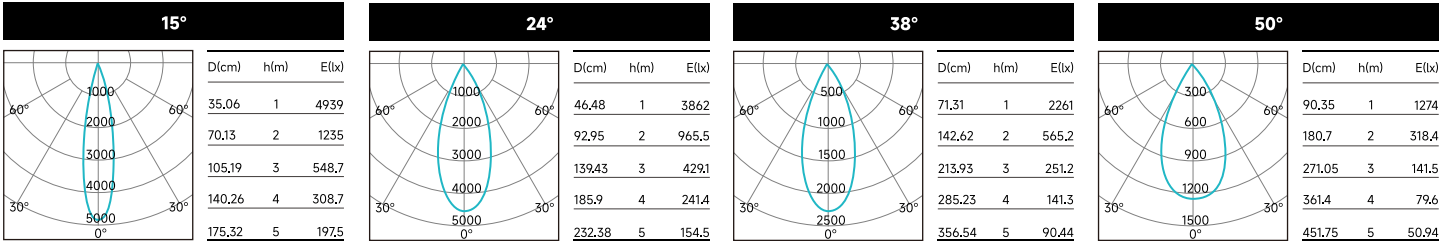
PHOTOMETRIC DATA (NON-DIMMING)

POWER	CCT	CRI	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)
10W	3000K	90	15°	781	74	4943
			24°	869	84	3853
			38°	907	90	2262
			50°	847	84	1272
15W	3000K	90	15°	1049	72	6753
			24°	1127	78	5047
			38°	1200	88	2993
			50°	1119	82	1658

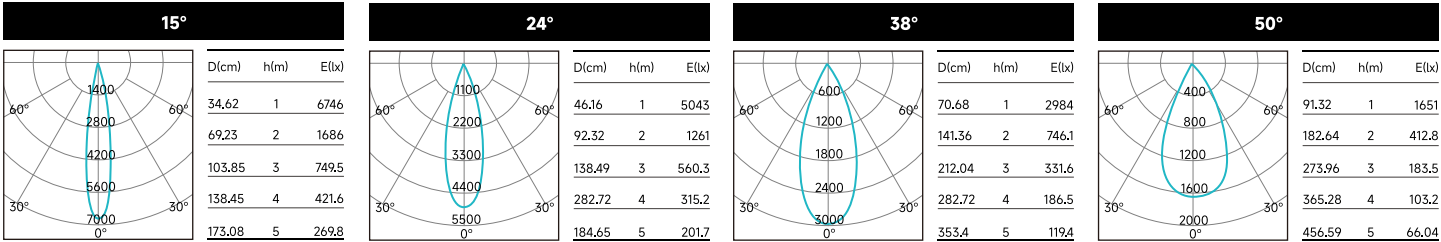
Above test data is based on [Wide Frame Big pinhole\(EF62RA01\)](#) trim with 3000K 90CRI LED.

LIGHT DISTRIBUTION

3000K 10W



3000K 15W



Above test data is based on [Wide Frame Big pinhole\(EF62RA01\)](#) 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-EF62RA01 10W 3500K				
781 lm	x	1.04	=	812 lm

DIMENSION

LED Module



Trim For ELLA-Hotel Series

EM060-EF62RA01

107,7mm

Φ88mm

75mm

Wide Frame Big pinhole

EM060-EF62RF01

104,4mm

Φ88mm

75mm

Wide Frame Small Pinhole

EM060-EF62RA02

124,2mm

Φ88mm

75mm

Deep Frame Adjustable

EM060-EF62RF02

109,7mm

Φ85mm

75mm

Deep Frame Fixed

EM060-EF62RA03

78,5mm

Φ85mm

75mm

Inner Adjustable

EM060-EF62RF03

86,4mm

Φ85mm

75mm

Shallow Frame Reflector

EM060-EF62RA04

102,4mm

Φ75mm

68mm

Round Pinhole Adjustable

EM060-EF62SA04

102,4mm

75mm

68x68mm

Square Round Pinhole Adjustable

EM060-EF62RA04

102,4mm

Φ75mm

68mm

Oval Pinhole Adjustable

EM060-EF62SA04

102,4mm

75mm

68x68mm

Square Oval Pinhole Adjustable



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



Scan to know more about product information