

ELLA-Hotel wall washer

EM060



DESCRIPTION

ELLA-Hotel series is not only an aesthetic designed downlight, but also release high quality light thanks to combination of a precision light beam lens and secondary reflector. The luminaires blend elegantly into the ceiling layout and embody the philosophy of "light instead of luminaires." Super modular design, round as well as square with adjustable and fixed options, in various wattages, ELLA-hotel series is a great choice to get a unified impression in one environment.

FEATURES

- Elegant & compact in its style, versatile in its using.
- Interchangeable different color secondary reflectors for anti-glare and decorative function.
- Super modular design, replacing LED module, trims, beam lens, honeycomb filter and secondary reflectors without any needs for tools.
- Anti-glare accessories provide maximum visual comfort.
- IP20 is standard, IP44 is optional.

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: | 445lm (10W), 555lm (15W) |
| Beam Optic: | Wall Wash 30°*40°/Wall Wash 40°*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: | 5mm to 20mm spring strip |
| Construction: | Aluminum |
| Mounting: | Recessed with spring strips |

DETAILS





Type:


Project:


ORDERING INFORMATION

| EM060 | | | | | | | |
|---|--|--|--|--|--|--|--|
| MODULE | TRIM | LUMEN | TRIM COLOR | CRI | CCT | OPTIC | DIMMING |
| <input type="checkbox"/> EM060 ELLA 75mm Aperture | <input type="checkbox"/> EF61RF04 Round Wall Washing | <input type="checkbox"/> L04 400lm | <input type="checkbox"/> W White | <input type="checkbox"/> 8 80+ | <input type="checkbox"/> 27 2700K | <input type="checkbox"/> Wall Wash 30°*40° | <input type="checkbox"/> V 0/1-10V |
| | <input type="checkbox"/> EF61RF04T Round Wall Washing Trimless | <input type="checkbox"/> L06 600lm | <input type="checkbox"/> B Black | <input type="checkbox"/> 9 90+ | <input type="checkbox"/> 30 3000K | <input type="checkbox"/> Wall Wash 40°*50° | <input type="checkbox"/> T Triac |
| | <input type="checkbox"/> EF61SF02 Square Wall Washing | | <input type="checkbox"/> C Custom Finish *(Consult Factory) | | <input type="checkbox"/> 35 3500K | | <input type="checkbox"/> X 0-10V/Triac |
| | <input type="checkbox"/> EF61SF03 Square Wall Washing Dual-head | | | | <input type="checkbox"/> 40 4000K | | <input type="checkbox"/> D DALI |
| | <input type="checkbox"/> EF61SF04 Square Wall Washing Triple-head | | | | <input type="checkbox"/> TW Tunable White 2700K-6000K | | <input type="checkbox"/> C CASAMBI |
| | <input type="checkbox"/> EF61SF02T Square Wall Washing Trimless | | | | <input type="checkbox"/> DW Dim To Warm 2000K-3000K | | |
| | <input type="checkbox"/> EF61SF03T Square Wall Washing Dual-head Trimless | | | | | | |
| | <input type="checkbox"/> EF61SF04T Square Wall Washing Triple-head Trimless | | | | | | |


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


OPTICAL ACCESSORY


Honeycomb EM060-H



Soft Lens EM060-L


SECONDARY REFLECTOR COLOR

Matt Black EF61RF-MB EF61SF-MB


Bright Silver EF61RF-BS EF61SF-BS


Matt Silver EF61RF-MS EF61SF-MS


Matt White EF61RF-WW EF61SF-MW


Custom Finish *(Consult Factory)

PHOTOMETRIC DATA (NON-DIMMING)

| LUMEN PACKAGE | POWER | CCT | wall wash 30°*40° | | | wall wash 40°*50° | | |
|----------------|-------|-------|-------------------|----------|-------------|-------------------|----------|-------------|
| | | | LUMENS | EFFICACY | MAX CANDELA | LUMENS | EFFICACY | MAX CANDELA |
| EM060-EF61RF04 | 10W | 3000K | 390 | 35 | 632 | 445 | 39 | 597 |
| EM060-EF61RF04 | 15W | 3000K | 496 | 30 | 805 | 555 | 34 | 745 |

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

LUMEN MULTIPLIERS

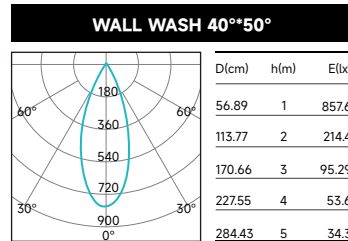
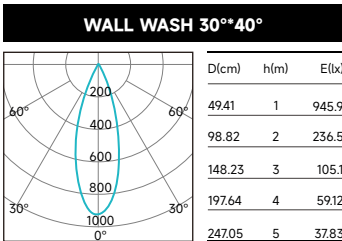
| CCT | MULTIPLIER |
|-------|------------|
| 2700K | 0.95 |
| 3000K | 1.00 |
| 3500K | 1.04 |
| 4000K | 1.06 |

Applying Lumen Multipliers to Calculate Delivered Lumens

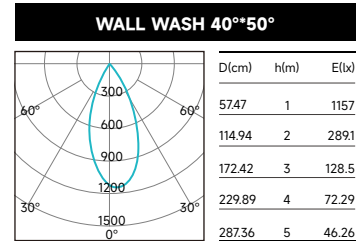
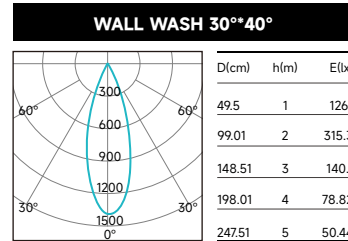
| Base Fixture Delivered Lumens (from PHOTOMETRIC DATA) | x | CCT Multiplier | = | Delivered Lumens for Desired Fixture |
|--|---|----------------|---|--------------------------------------|
| STANDARD TRIM Example: EM060-EF61RF04 10W 3500K | | | | |
| 458 lm | x | 1.04 | = | 467 lm |

LIGHT DISTRIBUTION

3000K 10W

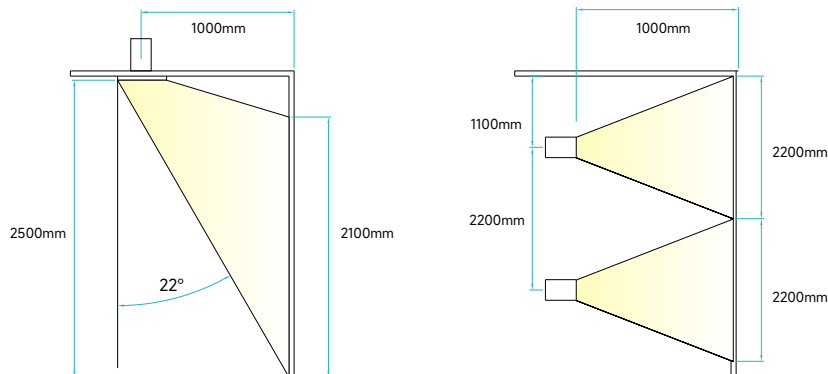


3000K 15W

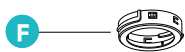
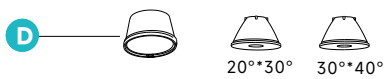
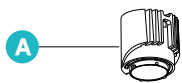
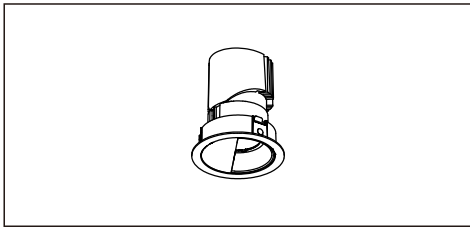


Above test data is based on [Round Wall Washing](#) trim with 3000K 90CRI LED.

WALL WASHING SUGGESTED SPACING AND WALL DISTANCE



EXPLODED OVERVIEW - PART SELECTION



PARTS

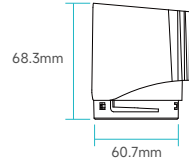
- A** - Led Module
- B** - Light Source
 - Static White: 2700K, 3000K, 3500K, 4000K
 - Dim To Warm: 2000K-3000K
 - Tunable White: 2700K-6000K
- C** - LED Holder
- D** - Beam Lens (20°*30° / 30°*40°)
- E** - Honeycomb, Soft Lens
- F** - Fixed Ring
- G** - Round Trim For One Light Engine
 - Round Trimless For One Light Engine
 - Square Trim For One Light Engine
 - Square Trimless For One Light Engine
 - Square Dual-head Trim For Two Light Engine
 - Square Dual-head Trimless For Two Light Engine
 - Square Triple-head Trim For Three Light Engine
 - Square Triple-head Trimless For Three Light Engine
- H** - Interchangeable Secondary Reflector (Round-Fixed)

DIMENSION

LED Module



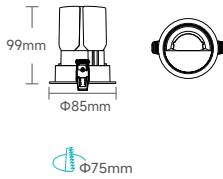
EM060



Trim For ELLA-Hotel Wall Washer Series



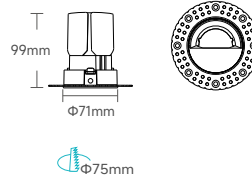
EM060-EF61RF04



Round Wall Washing



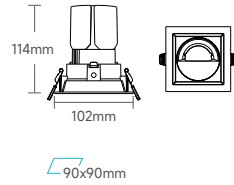
EM060-EF61RF04T



Round Wall Washing Trimless



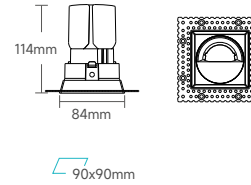
EM060-EF61SF02



Square Wall Washing



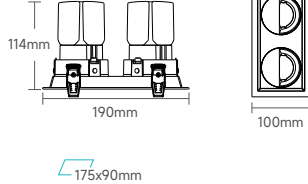
EM060-EF61SF02T



Square Wall Washing Trimless



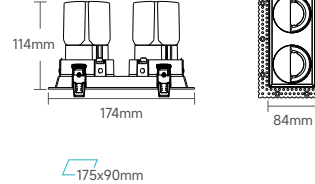
EM060-EF61SF03



Square Wall Washing Dual-head



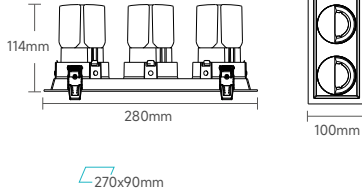
EM060-EF61SF03T



Square Wall Washing Dual-head Trimless



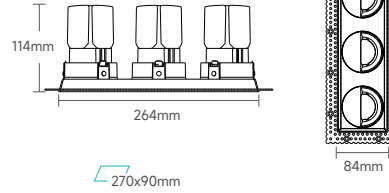
EM060-EF61SF04



Square Wall Washing Triple-head



EM060-EF61SF04T



Square Wall Washing Triple-head Trimless



Type:

Project:



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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