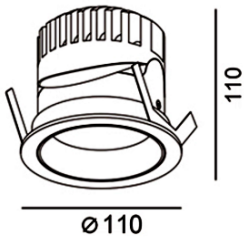


GEM



Features:

Gem Series spot and downlight with CNC aluminum alloy body and optical lens, solvent free power coating for a perfect finish.

Deeply hidden reflector UGR < 16.

Increase the length between the COB and the light outlet which can improve the anti-glare performance.

The light is reflected from the reflector and filtered to decrease stray light effectively.

Pre-embedded design, quick installation and convenient maintenance of fixtures innovation and high efficiency mirror reflector.

Technical Specifications:

Input Voltage: 220-240 V AC, 50 Hz.

Wattage: 18 - 25 W

High Lumen: 120lm/W

3 STEP Mac Adam

High efficiency, low flicker driver

Lamp Type: COB

Operating Temperature: -20°C to 45°C

Glow Wire Test 850° C

Warranty: 5 Years

Life Time: 50,000hrs at ta 25°C
(L80/B10)

Fields of Application:

- Retail
- Education
- Galleries hotels
- Living spaces
- Conference rooms
- Counters
- Restaurants
- Healthcare

Installation Method:

Recessed Adjustable

| | | | | | | |
|------------|---|----------|----------|-------|---------------|-------------|
| Wattage(W) | : | 18 | 20 | 25 | | |
| Finish | : | White(W) | Black(B) | | | |
| Kelvin* | : | 2700K | 3000K | 4000K | 5000K | 6000K 6500K |
| Beam Angle | : | 15° | 24° | 36° | 60° | |
| CRI | : | 80+ | 90+ | | | |
| Driver | : | ON/OFF | 0/1-10V | DALI | Phase Dimming | Bluetooth |

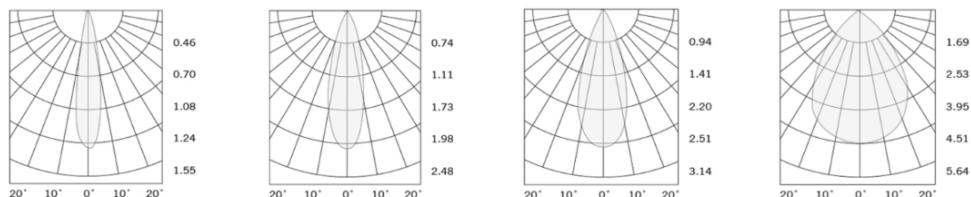
*Special Color and Finish on request

Product Code (96811025.50):

| Wattage | Lumens(lm) | Dimension(ØxH) mm | Cut out (mm) |
|---------|------------|-------------------|--------------|
| 18 | 2160LM | 110x110 | 95 |
| 20 | 2400LM | 110x110 | 95 |
| 25 | 3000LM | 110x110 | 95 |

*Luminous øux value is calculated for 4000K CRI>80

Photometric:



Pluxb luminaires are developed with globally recognized and tested components suppliers, however as per international standards tolerance in initial flux and connected load is at ±5%. Unless stated otherwise, the values apply to an ambient temperature of 25°C

Standards

EN 60598-1

EN 60598-2-2

EN 60598-2-22

EN 60598-3-2

EN 60598-3-3

Order Code Ex: 96811025.50 27K 15D 8 1 W

| CCT | Beam Angle | CRI | Driver | Finish |
|-------------|------------|-------|-------------------|---------|
| 27K - 2700K | 15D - 15° | 8->80 | 1 - ON/OFF | W-White |
| 30K - 3000K | 24D - 24° | 9->90 | 2 - 0/1-10V | B-Black |
| 40K - 4000K | 36D - 36° | | 3 - DALI | |
| 50K - 5000K | 60D - 60° | | 4 - Phase Dimming | |
| 60K - 6000K | | | 5 - Bluetooth | |
| 65K - 6500K | | | | |

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