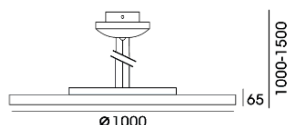


## ORBIX III



### Features:

ORBIX III Suspended downlight, modern and slim design, housing aluminum body and diffuser along with a microprismatic cover.

The die-cast aluminum body is robust and provides superior heat management, helping the downlight last longer.

The diffuser serves to soften and evenly distribute, reducing glare and providing a more comfortable lighting, helps in preventing the light source from being too harsh or concentrated.

The microprismatic cover to enhance light diffusion and reduce glare even further and helps in diffusing the light in multiple directions, ensuring even illumination across the space.

The product has ultra UGR>19, reducing potential discomforts like headaches or eye strain. To achieve a UGR below 19, lighting solutions often incorporate specific design features, such as specialized lenses, diffusers, or reflectors, to distribute light evenly and minimize direct glare.

### Technical Specifications:

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

Wattage: 90W

High Lumen: 100lm/w

3 STEP Mac Adam

High efficiency, low flicker driver

Lamp Type: 2835 SMD LED

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

### Installation Method:

Suspended.

|            |   |          |          |       |               |         |
|------------|---|----------|----------|-------|---------------|---------|
| Wattage(W) | : | 90       |          |       |               |         |
| Finish     | : | White(W) | Black(B) |       |               |         |
| Kelvin*    | : | 2700K    | 3000K    | 4000K | 5000K         | 5700K   |
| Beam Angle | : | 120°     |          |       |               |         |
| CRI        | : | 80+      | 90+      |       |               |         |
| Driver     | : | ON/OFF   | 0/1-10V  | DALI  | Phase Dimming | Casambi |

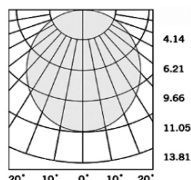
\*Special Color and Finish on request

### Product Code (968100090):

| Wattage | Lumens(lm) | Dimension(Ø x H) mm | Hanging Length mmm |
|---------|------------|---------------------|--------------------|
| 90      | 9000LM     | 1000x65             | 1000-1500          |

\*Luminous flux 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: 968100090 27K 120D 8 1 W

| CCT         | Beam Angle  | CRI   | Driver            | Finish  |
|-------------|-------------|-------|-------------------|---------|
| 27K - 2700K | 120D - 120° | 8->80 | 1 - ON/OFF        | W-White |
| 30K - 3000K |             | 9->90 | 2 - 0/1-10V       | B-Black |
| 40K - 4000K |             |       | 3 - DALI          |         |
| 50K - 5000K |             |       | 4 - Phase Dimming |         |
| 57K - 5700K |             |       | 5 - Casambi       |         |

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