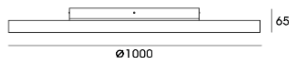


ORBIT



Features:

ORBIT Surface Mounted 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:

Surface Mounted.

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

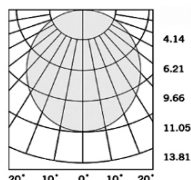
*Special Color and Finish on request

Product Code (968100090):

Wattage	Lumens(lm)	Dimension(Ø x H) mm
90	9000LM	1000x65

*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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