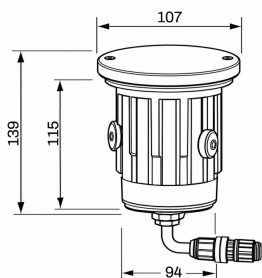


ORBO



Description:

ORBO is a Fixed inground light, crafted with high-quality ADC12 aluminum, offering excellent corrosion resistance and heat dissipation.

Equipped with a high-quality LED chip, it delivers high-efficiency lighting with optical-grade PMMA lenses for precise light distribution.

The ultra-clear tempered glass provides high light transmission and impact resistance, while the high thermal conductivity silicone ensures durability.

This inground light is perfect for pathways, driveways, gardens, and architectural landscapes, combining elegance, performance, and reliability.

Product Specifications:

Housing : Die cast aluminum
Coating: Powder Coating
Glass : Tempered glass
Light Source: Osram / Cree
Gasket: Molding shaped silicone seal
Lens/Reflector : PC / PMMA (efficiency>90%)
Power Cable: 0.5 mt. power cable included
Driver : High efficiency, low flicker driver
Installation Type: Inground
Adjustable: No

Technical Specifications:

Wattage: 12W
Voltage: DC24V / 220-240VAC
Frequency: 50-60Hz
Single color (3000K) - 80lm/W
RGBW (3000K) - 58lm/W, RGB - 45lm/W
Mac Adam: 3 Step
Safety Class: III
Working Temperature: -20°C to 55°C
Life Time: 50,000hrs (L80/B10) at 35°C
Warranty: 5 Years

Parameter:

Wattage(W)	:	12W
Finish	:	Black (B)
Kelvin*	:	2200K/ 2700K/ 3000K/ 4000K/ 6000K/ 6500K/ RGB / RGBW
Beam Angle	:	8° / 15° / 25° / 35° / 45° / 55°
CRI	:	80+ 90+
Control Mode	:	ON/OFF DALI DMX

*Lumen values are calculated at 45° beam angle, 4000K color temperature and CRI 80.

Standard:

EN 60598-1
EN 60598-2-2
EN 60598-3-2
EN 60598-3-3

Order Code:

Product Code	Wattage	CCT	Voltage(DC)	Beam Angle	Finish	Control Mode
544107	12 - 12W	22-2200K	D-24VDC	8 - 8°	B - Black	1-ON/OFF
		27-2700K		15- 15°		2-DALI
		30-3000K		25 - 25°		3-DMX
		40-4000K		35- 35°		
		60-6000K		45 - 45°		
		60-6000K		55 - 55°		
		92-RGB				
		93-RGB DMX				
		82-RGBW				
		83-RGBW DMX				

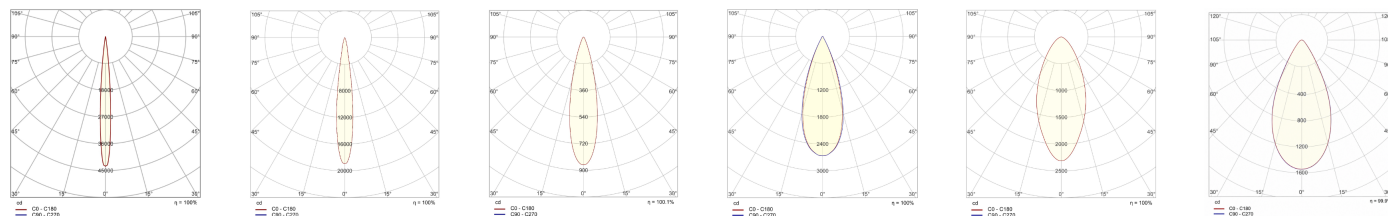
Ex: Order Code: 5441071222D'8B1

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

Product Code	Wattage	CCT	Voltage(AC)	Beam Angle	Finish	Control Mode
544107	12 - 12W	22-2200K	A - 220 - 240VAC	8 - 8°	B - Black	1-ON/OFF
		27-2700K		15- 15°		2-DALI
		30-3000K		25 - 25°		
		40-4000K		35- 35°		
		60-6000K		45 - 45°		
		60-6000K		55 - 55°		

Ex: Order Code: 5441071222A'8B1

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 $\pm 5\%$. Unless stated otherwise, the values apply to an ambient temperature of 25°C