50W LED Optical Module BridgeLUX 60º 7500Lm IP65

Product codes:

Reference: 4815MG50W60



Product features:

Power source (V): 85-265V
Color temperature CCT: 4000K
Color temperature CCT: 5000K
LED: SMD3030
LED chip brand: BRIDGELUX
Luminous efficacy (Lm/W): 180
Brightness (Lm): 7500
Color rendering index (Ra):: ?80
IP: IP65
IK: IK10
Luminous angle: 60º
Frequency (Hz): 50-60Hz
Power factor ?: 0.90
Measures (mm): 350×75×30 mm
Material: Aluminum + PMMA
Driver: GXTronic
Operating temperature: -15ºC ~ +70ºC
Energy efficiency 2021: A+
Lifespan: 100.000h
Certification: CE - RoHS
Warranty: 5 años

Product attributes:

Color temperature CCT (ºK): Natural white 4000K, Cool white 5000K

Product description:

Replacement module for street-light heads Optical LED Module 50W MAGNUM BridgeLUX 60º 7500 lm IP65

The with 84 BridgeLUX SMD3030 3D diodes offers up to and 7500 lumens, with a 60º optic for road lighting. High-dissipation aluminium body, IP65, designed to replace street-light head modules.

? 50W? 7500 lm? 180 lm/W? IP65

50W

Power7500 lm
Luminous flux180 lm/W
Efficiency60º
Optic

The **50W MAGNUM optical LED module** is designed to fit into street-light heads or public lighting luminaires, offering high energy efficiency and excellent heat dissipation. With performance up to 180 lm/W and a total flux of 7500 lumens, it delivers powerful, uniform, high-quality light while cutting consumption.

Fitted with **84 high-output BridgeLUX SMD3030 3D LED diodes**, it has a high-dissipation aluminium body and a metal-base PCB for long life. The 60º beam concentrates light on the roadway or pedestrian areas, reduces glare and improves useful flux. Its IP65 protection is intended for outdoors. Dimensions 350×75×30 mm, 5-year warranty (driver not included).

Why choose this product? **? 180 lm/W, BridgeLUX**

84 SMD3030 3D diodes, 7500 highly efficient lm. **? Heat-sink aluminium**

Excellent heat removal, long lifespan. **? Direct replacement**
Designed for existing street-light heads. Technical specifications Product typeOptical LED module for street lightPower50WLED source84 BridgeLUX SMD3030 3D diodesLuminous flux7500 lmEfficiencyUp to 180 lm/WOptic60º (concentrated beam)ProtectionIP65MaterialHigh-dissipation aluminiumDimensions350×75×30 mmDriverNot includedWarranty5 years Advantages

- **180 lm/W:** 84 BridgeLUX diodes, 7500 lm.
- **60º optic:** ideal for road lighting.
- **IP65:** outdoor use.
- **Heat-sink aluminium:** long lifespan.
- **Direct replacement:** for street-light heads.
- **5-year warranty:** professional quality.

Recommended applications ?**Streets and avenues** — road lighting.?**Parks and pedestrian areas** — uniform lighting.?**Car parks and industrial areas** — large surfaces.?**Luminaire retrofit** — replacing obsolete modules. Installation guide 1**Switch off the power**
Cut the supply to the street-light head.2**Remove the old module**
Remove the module or lamp to be replaced.3**Fit the module**
Fix the module and connect it to the appropriate driver.4**Check**

Close the head, restore power and check. Frequently asked questions **Is the driver included?**

No, the module requires a suitable driver (not included). **What is the efficiency?**

Up to 180 lm/W, i.e. 7500 lumens at 50W. **Is it suitable for outdoors?**
Yes, its IP65 protection is intended for outdoors. ?

50W
7500 lm?

IP65
60º?

BridgeLUX
180 lm/W?

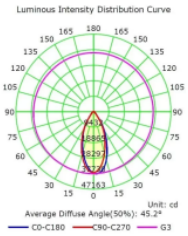
Warranty
5 years

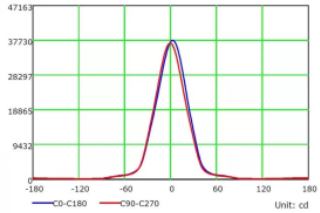
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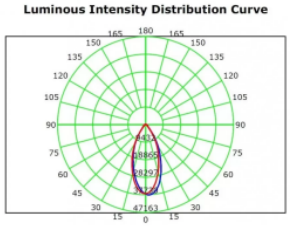


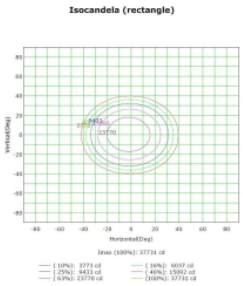

GXtronic


GXtronic


Luminous Intensity Distribution Curve
Unit: cd
Average Diffuse Angle(50%): 45.2°
C0-C180
C90-C270
G3


47163
37730
28297
18865
9432
-180
-120
-60
0
60
120
180
C0-C180
C90-C270
Unit: cd


Luminous Intensity Distribution Curve
Unit: cd


Isocandela (rectangle)

