

65W LED Module 65W BridgeLUX 11700Lm IP66

Product codes:

Reference: LM65W



Product features:

Power (W): 65
 Power source (V): 175-260V
 Color temperature CCT: 3000K
 Color temperature CCT: 4000K
 LED: SMD3030
 LED chip brand: BRIDGELUX
 Luminous efficacy (Lm/W): 210
 Brightness (Lm): 11700
 CRI: +75
 Colour: Plata
 IP: IP66
 IK: IK10
 Luminous angle: 0.98
 Frequency (Hz): 50-60Hz
 Power factor: 0.98
 Measures (mm): 175x175x35mm
 Material: Aluminum + PC
 Operating temperature: -15°C ~ +70°C
 Energy efficiency 2021: A+
 Energy efficiency 2023: D
 Lifespan: 50.000h
 Certification: CE - RoHS
 Warranty: 5 años

Product attributes:

Color temperature CCT (°K): Warm white 3000K, Natural white 4000K, Amber 1800K

Product description:

LED Optical Module 65W BridgeLUX SMD3030-8D 11700Lm IP66 with GXTronic Driver High-brightness 65W LED optical module designed for installation in **Villa**-type and similar streetlights, delivering a luminous flux of up to **11,700 lumens** with excellent optical performance. Equipped with **144 BridgeLUX SMD3030 8D LEDs** and an **external GXTronic driver**, this module provides powerful, uniform and energy-efficient lighting, ideal for urban and decorative applications.

The **high thermal dissipation aluminium housing** ensures optimal heat management, extending LED lifespan and maintaining stable performance throughout its operation.

The **high-transparency diffuser** provides a wide and uniform light distribution, with an **open optic of 78°x156°**, maximizing luminous efficiency for streets, avenues and public spaces.

Designed for use in Villa-style and similar LED streetlights, this module is the perfect solution for upgrading existing fixtures to a cleaner, more efficient and longer-lasting lighting system.

Rated **IP66** for outdoor use and covered by a **5-year warranty**.

Technical data of the LED optical module

- Power: 65W
- LED Chip: BridgeLUX SMD3030 8D
- Number of LEDs: 144 units
- Luminous flux: 11,700 lm
- Luminous efficacy: up to 180 lm/W
- Colour temperature: 4000K (neutral white)
- Colour Rendering Index (CRI): >80
- Beam angle: 78°×156°
- Protection: IP66 (outdoor use)
- Body material: High thermal conductivity aluminium
- Driver: GXTronic external driver included
- Dimensions: 175×175×35 mm
- Estimated lifespan: >50,000 hours
- Warranty: 5 years

Construction and heat dissipation

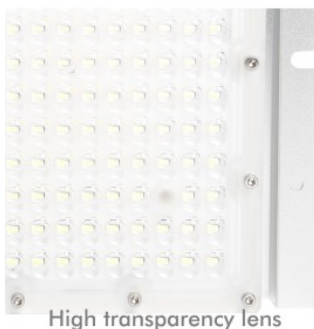
- Anodized aluminium body with high-performance heat sink fins
- High-transparency diffuser for maximum light transmission
- IP66 sealing against dust, moisture and rain
- Passive cooling system requiring no maintenance
- Compatible with Villa-type and urban LED streetlights

Recommended uses and applications

- Villa and decorative streetlights
- Retrofit and modernization of outdoor lighting
- Parks, avenues, plazas and residential areas
- Replacement for traditional discharge lamps (HPS, MH, CFL, etc.)

The **LED Optical Module 65W BridgeLUX** combines power, efficiency and reliability, providing a professional, eco-friendly and long-lasting lighting solution for outdoor environments.

Product gallery:





GXtronic

HIGH RESISTANCE



Lightsources Test Report 4000K

