

40W Optical LED module for street lamps - Bridgelux chip 5400Lm IP65

Product codes:

Reference: 03T1-40W



Product features:

Power (W): 40
Power source (V): 220-240V
Color temperature CCT: 3000K
Color temperature CCT: 4000K
Color temperature CCT: 5000K
LED: SMD3030
LED chip brand: BRIDGELUX
Brightness (Lm): 5400
CRI: +70
IP: IP67
IK: IK10
Luminous angle: 70°x150°
Frequency (Hz): 50-60Hz
Power factor: 0.96
Measures (mm): 125x95x30mm
Material: Aluminum + PMMA
Driver: Yes
Operating temperature: -15°C ~ +70°C
Energy efficiency 2021: A+
Lifespan: 40.000h
Certification: CE - RoHS
Warranty: 5 años

Product attributes:

Color temperature CCT (°K): Natural white 4000K, Warm white 3000K, Amber 2200K

Product description:

Optical LED Module for Streetlights 40W BRIDGELUX Chip The 40W LED module is an ideal choice for outdoor lighting in public street illumination. With a power of 40W and a performance of 135Lm/W, it provides a luminous flux of 5400 lumens, ensuring bright and efficient illumination.

Manufactured with **BRIDGELUX SMD3030** 4-CORE 2240 DS-C30 LED chip, this LED module offers a 5-year warranty, ensuring long-term durability and reliability. Its aluminum and PMMA housing makes it resistant to adverse weather conditions, while its IP65 rating makes it suitable for outdoor installations.

The **LED module** comes with an external driver for connection to 220-240V, facilitating its installation. Its compact dimensions of 125x95x30mm allow for easy integration into streetlights and road luminaires.

Available in 4 color temperatures (amber 2200K, warm white 3000K, neutral white 4000K, and cool white 5000K), the LED module emits light with asymmetrical optics at an angle of 80°x150°, ensuring a uniform and efficient light distribution.

Technical Specifications:

- Power: 40W
- Performance: 135Lm/W
- Luminous Flux: 5400 lm
- Warranty: 5 years
- Material: Aluminum and PMMA housing
- Driver: External, for connection to 220-240V
- IP Rating: IP65
- Dimensions: 125x95x30mm
- Cutout Dimensions: 100x96mm
- Power Factor: > 0.96
- Color Temperatures: Amber 2200K, Warm White 3000K, Neutral White 4000K, Cool White 5000K

Mounting Recommendations:

It is recommended to install the LED module in streetlights and road luminaires following the manufacturer's instructions for safe and efficient installation.

Asymmetrical Optics:

Asymmetrical optics refers to light distribution designed to illuminate specific areas more efficiently, reducing light waste and maximizing coverage in the desired direction.

Advantages of LED Lighting in Public Street Illumination:

LED lighting in public street illumination offers numerous advantages over conventional light sources, including higher energy efficiency, longer lifespan, lower maintenance, reduction of light pollution, and the ability to control light intensity.

Product Uses and Recommendations:

This LED module is ideal for use in streetlights and road luminaires for public street lighting, as well as for replacing metal halide lamps and converting them to LED, providing energy savings of over 80%.

Product gallery:



