40W VILLA Steel LED Street light Bridgelux Chip 5400Lm

Product codes:

Reference: VILLA-STEEL-40W



Product features:

Power (W): 40
Power source (V): 175-260V
Color temperature CCT: 2200K
Color temperature CCT: 3000K
Color temperature CCT: 4000K
Color temperature CCT: 5000K
LED: SMD3030
LED chip brand: BRIDGELUX
Luminous efficacy (Lm/W): 135
Brightness (Lm): 5400
Color rendering index (Ra):: ?70
IP: IP65
IK: IK10
Luminous angle: 70ºx150º
Frequency (Hz): 50-60Hz
Power factor ?: 70ºx150º
Measures (mm): 390x390x710mm
Material: Steel + PMMA
Operating temperature: -20ºC ~ +55ºC
Energy efficiency 2021: A+
Energy efficiency 2023: D
Lifespan: 50.000h
Certification: CE - RoHS
Warranty: 5 años

Product attributes:

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

Product description:

Urban LED street light in steel VILLA Steel LED Street Light 40W BridgeLUX SMD3030 2D 5400 lm IP65

The in black steel combines classic design and efficiency: 40W, and an efficiency of 135 lm/W. protection for lighting streets and urban outdoor spaces.

? 40W? 5400 lm? IP65? 135 lm/W

40W
Power5400 lm
Luminous flux135 lm/W

EfficiencyIP65
Protection

The **VILLA LED street light** in black steel is an elegant, efficient option for lighting streets and outdoor spaces. With a classic design and a sturdy black steel construction, it combines style and function for optimal lighting in urban environments.

Fitted with an LED module with **BridgeLUX SMD3030 2D** chips of **40W**, it delivers a luminous flux of **5400 lumens** with an efficiency of **135 lm/W** and asymétrique 70ºx150º optics. Its **IP65** rating, its 10kV surge protector and its 170-270V AC supply ensure reliability and durability (lifespan of about 50 000 h) against the weather.

Why choose this product? **? 5400 lm, 135 lm/W**

Powerful, energy-efficient urban lighting. **? IP65 and black steel**
Sturdy and weather-resistant. 10kV surge protector. Available light shades

Available in several colour temperatures:

2200 K
Amber3000 K
Warm white4000 K
Neutral white5000 K
Cool white Technical specifications Product typeOutdoor LED street lightPower40WLuminous flux5400 lmEfficiency135 lm/WChip LEDBridgeLUX SMD3030 2DOpticsAsymétrique 70ºx150ºProtectionIP65Dimensions390x390x710 mmSurge protection10kVInput voltage170-270V ACLifespan50 000 hMaterialBlack steel Advantages

- **5400 lumens at 135 lm/W:** efficient urban lighting.
- **BridgeLUX SMD3030 2D chips:** quality and performance.
- **IP65:** weather-resistant.
- **Asymétrique 70ºx150º optics:** distribution suited to roads.
- **10kV surge protector:** added safety.
- **Long lifespan:** about 50 000 h.
- **Black steel:** classic, sturdy design.

Recommended applications ?**Streets and avenues** — urban public lighting.?**Squares and parks** — outdoor spaces.?**Residential areas** — roads and accesses.?**Outdoor car parks** — rugged lighting. Installation guide 1**Prepare the support**
Install the street light on a compatible column or pole.2**Switch off the power**
Cut the supply before wiring.3**Connect the module**
Connect the LED module to the mains 170-270V AC as per standards.4**Check**

Check the fixing and ignition, then close the luminaire. Frequently asked questions **What luminous flux does it provide?**

5400 lumens, with an efficiency of 135 lm/W. **Is it suitable for outdoors?**

Yes, its IP65 rating makes it suited to outdoor public lighting. **What is its lifespan?**
About 50 000 h. ?

IP65
Black steel?

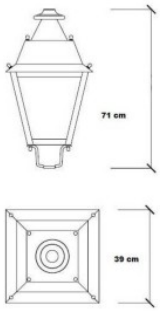
5400 lm
135 lm/W?

10kV
Surge?

In stock
Fast shipping

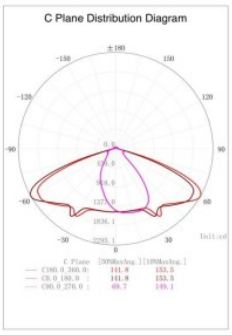
Product gallery:

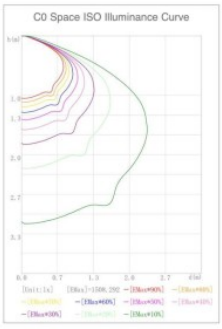


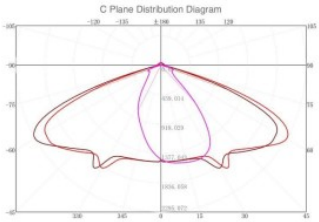

71 cm
39 cm

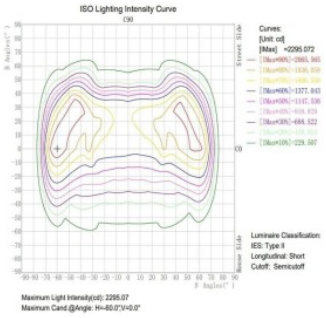


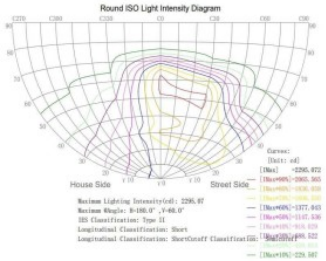



C Plane Distribution Diagram


C0 Space ISO Illuminance Curve


C Plane Distribution Diagram


ISO Lighting Intensity Curve
Curves:
[Unit: cd]
[Max] =2295.072
Luminaire Classification:
IES: Type II
Longitudinal: Short
Cutoff: Semicutoff
Maximum Light Intensity(cd): 2295.07
Maximum Cand.@Angle: H=-60.0°,V=0.0°


Round ISO Light Intensity Diagram
House Side
Street Side

