



Robust Design, superior performance, Unparallel strength and Durability with Superior aesthetics suitable for versatile road applications

SmartBright Street BRP042

Smartbright LED is a sleek elegant & finless design innovative streetlight with best in class energy efficiency. Ease of maintenance with dual optics makes it unique and differentiated from others. Smartbright uses High efficacy driver and LED platform to ensure higher energy saving and reliable operation over committed lifetime.

Smartbright LED Luminaire is a high pressure die-cast IK 07 rated housing, ensuring high strength and safety on the pole. The solid die-cast aluminum also has excellent heat dissipation, extending the life of the components inside. The multiple lumen packs and optics makes it optimum for the B2 category of Roads.

Benefits

- Use with peace of mind
- Long-lasting performance
- High-quality materials and design
- Uniform lighting

SmartBright Street BRP042

Features

- 4KV Surge Protection
- IK07 classification
- IP65 certified
- Designed for energy savings of up to 70% compared with conventional lighting
- Life class of 50k hrs@L70B50
- Designed for operations under diverse environment from -10°C to 45°C
- Finless design with superior aesthetic looks
- Toughened and shatter-proof quality built-in lens enhances safety
- Pressure die-cast housing offers excellent corrosion-resistance and robustness
- Streetlight distribution with uniform lighting on the street

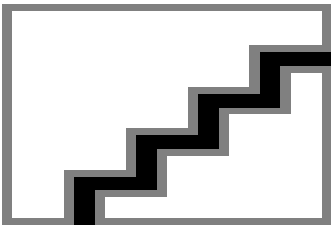
Application

- Road and Street
- Residential
- Security Lighting
- Parks
- Gated Communities

Warnings and Safety

- Meant for use in Outdoor applications

Versions



BRP042 LED 14/CW

SmartBright Street BRP042

Application conditions

Ambient temperature range 0 to +35 °C

Approval and application

Mech. impact protection code IK07
Ingress protection code IP65
Surge Protection (Common/Differential) Surge protection level until 4 kV

Controls and dimming

Dimmable No

General information

Luminaire light beam spread 60°
Light source color 857 daylight
Optical cover/lens type Polycarbonate
Driver included Yes
Flammability mark For mounting on normally flammable surfaces
Optic type Asymmetrical axis angle 60° wide beam

Initial performance (IEC compliant)

Init. Corr. Color Temperature 5700 K
Init. Color Rendering Index >70

Mechanical and housing

Color Gray

Initial performance (IEC compliant)

Order Code	Full Product Name	Initial luminous flux	System Power
919515811468	BRP042 LED 14 CW MR S1 PSU GR	95 lm	15 W
919515811469	BRP042 LED 19 CW MR S1 PSU GR	95 lm	20 W
919515813015	BRP042 LED 26 CW MR S1 PSU GR	100 lm	26 W

