PHILIPS

SmartBright Street
BRP042

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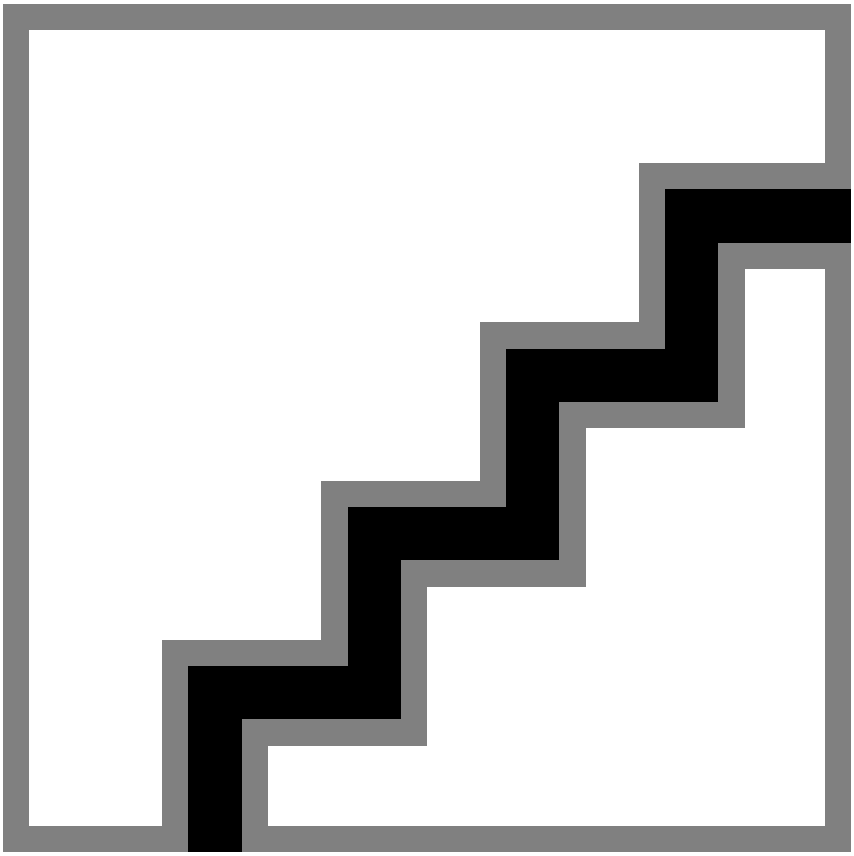


Robust Design, superior performance, Unparallel strength and Durability with Superior aesthetics suitable for versatile road applications

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

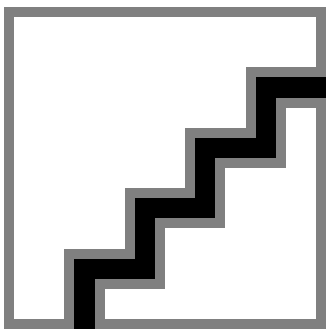
Applications

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

Features

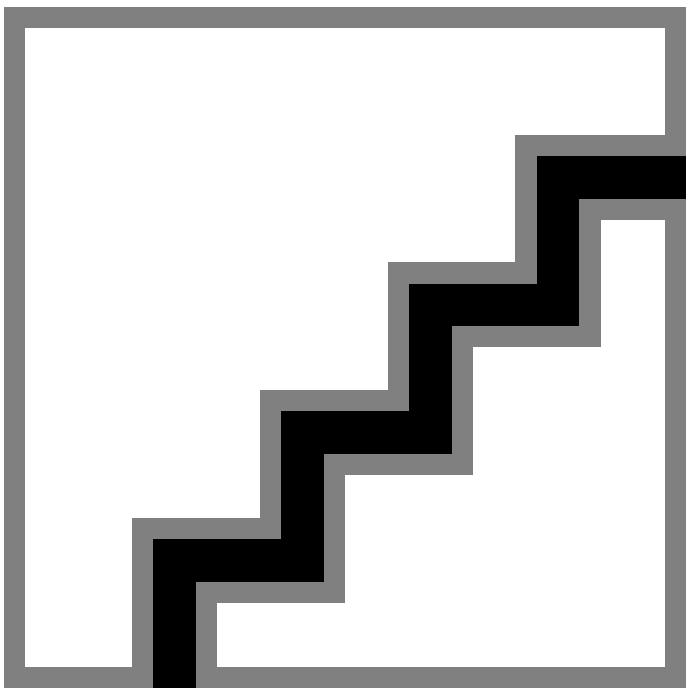
- 4KV Surge Protection
- IK07 classification
- IP65 certified
- Designed for energy savings of up to 70% compared with conventional lighting
- Life class of 50k hrs@L70B50
- Designed for operations under diverse environment from -10˚C to 45˚C
- Finless design with superior aesthetic looks
- Toughened 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
- Meant for use in Outdoor applications

Versions



BRP042

Dimensional drawing



BRP042 LED 19/CW

General Information

Driver included	Yes

Light Technical

Correlated Color Temperature (Nom)	5700 K
Color rendering index (CRI)	>70
Light source color	857 daylight
Luminaire light beam spread	60°
Optic type outdoor	Asymmetrical axis angle 60° wide beam

Operating and Electrical

Surge Protection (Common/Differential)	Surge protection level until 4 kV

Controls and Dimming

Dimmable	No

Mechanical and Housing

Housing Color	Gray
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Optical cover type	Polycarbonate

Approval and Application

Flammability mark	For mounting on normally flammable surfaces
Ambient temperature range	0 to +35 °C

Light Technical

Order Code	Full Product Name	Luminous Flux	Luminous Efficacy (rated) (Nom)
919515811468	BRP042 LED 14 CW MR S1 PSU GR	95 lm	1,400 lm/W
919515811469	BRP042 LED 19 CW MR S1 PSU GR	95 lm	1,900 lm/W
919515813015	BRP042 LED 26 CW MR S1 PSU GR	100 lm	2,600 lm/W

Operating and Electrical

Order Code	Full Product Name	Power Consumption
919515811468	BRP042 LED 14 CW MR S1 PSU GR	15 W
919515811469	BRP042 LED 19 CW MR S1 PSU GR	20 W
919515813015	BRP042 LED 26 CW MR S1 PSU GR	26 W

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