

**PHILIPS**

**Lighting**



**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

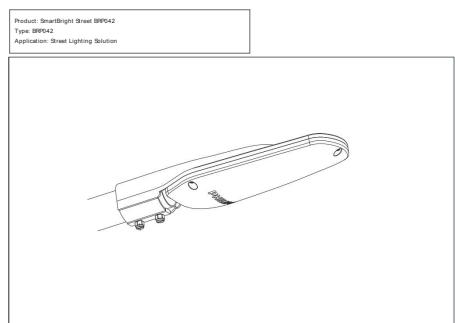
- Meant for use in Outdoor applications

### Versions



**BRP042**

### Dimensional drawing



# SmartBright Street BRP042

General Information	
Driver included	Yes
Light Technical	
Luminaire light beam spread	60°
Light source color	857 daylight
Correlated Color Temperature (Nom)	5700 K
Color rendering index (CRI)	>70
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	
Optical cover type	Polycarbonate
Housing Color	Gray
Mech. impact protection code	IK07
Ingress protection code	IP65
Approval and Application	
Ambient temperature range	0 to +35 °C
Flammability mark	For mounting on normally flammable surfaces

## Light Technical

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

## 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

Order Code	Full Product Name	Power Consumption
919515813015	BRP042 LED 26 CW MR S1 PSU GR	26 W

