



# Sleek, reliable and cost-efficient LED lighting

## SmartBright Road

The SmartBright road is ideal for new streets and for renovating existing installations, this affordable range of lighting solutions combines clean, high-quality light with significant energy savings and reduced maintenance.

### Benefits

- Perfect for one to one replacement of conventional SON or HPL luminaires.
- Offer initial investment with good-quality and energy-efficient lighting.
- Fit wide application areas and suitable to use for residential street, main road and parking area

### Features

- One to one replacement for 100W, 150W and 250W conventional SON or HPL luminaires
- Reliable design with diecast aluminum housing
- Fully IP66 Ingress and IK08 mechanical impacts protection
- 10kV/Ka replaceable surge protection device
- 30,000 hours L70 at 35C Ta rated lifetime
- 130lm/w luminous efficacy
- Operating temperature range - 40°C < Ta < 50°C
- Optimized optic for road and street lighting

### Application

- Road and Residential street
- Parking area
- Walking/cycling path

### Specifications

# SmartBright Road

<b>Material</b>	Housing: die-cast aluminium Optic cover: polycarbonate
<b>Light Source</b>	3030 LED
<b>Installation</b>	Side entry 42-60mm Optional adjustable spigot
<b>Luminous flux</b>	System flux up to 18200lm
<b>Correlated color temperature - CCT</b>	5700K 4000K 3000K
<b>Luminaire efficacy</b>	4000K: 130lm/W
<b>Color Rendering index - CRI</b>	70

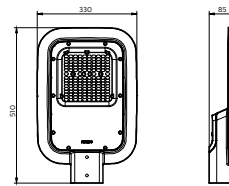
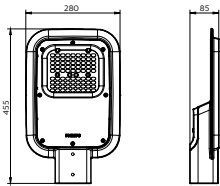
<b>Power</b>	up to 140W
<b>Mains Voltage</b>	220-240V / 50-60Hz
<b>Control system input</b>	N/A
<b>Dimming</b>	non-dimmable
<b>Operating Temperature range</b>	-40 to +50C Ta
<b>Ingress protection</b>	IP66
<b>Certification</b>	IECEE CB, CE, CQC, RCM

## Versions



SmartBright Road

## Dimensional drawing



## Product details

BRP13 front



## General Information

CE mark	CE mark
Driver included	Yes
Flammability mark	For mounting on normally flammable surfaces

## Light Technical

Optical cover type	Transparent bowl with transparent cover
Color rendering index (CRI)	>70

## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Housing Color	Gray
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## Approval and Application

Mech. impact protection code	IK08
Ingress protection code	IP66

## Light Technical

Order Code	Full Product Name	Light source color	Correlated Color Temperature (Nom)	Luminous Flux
911401676507	BRP132 LED175/WW 140W 220-240V DM GM	Warm white	3000 K	17,500 lm
911401676207	BRP131 LED125/WW 100W 220-240V DM GM	Warm white	3000 K	12,500 lm
911401676307	BRP131 LED125/NW 100W 220-240V DM GM	Neutral white	4000 K	12,500 lm
911401676407	BRP131 LED125/CW 100W 220-240V DM GM	Cool white	5700 K	12,500 lm

## Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401676507	BRP132 LED175/WW 140W 220-240V DM GM	140 W
911401676207	BRP131 LED125/WW 100W 220-240V DM GM	100 W

Order Code	Full Product Name	Power Consumption
911401676307	BRP131 LED125/NW 100W 220-240V DM GM	100 W
911401676407	BRP131 LED125/CW 100W 220-240V DM GM	100 W

