



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 35°C Ta rated lifetime
- 130lm/w luminous efficacy
- Operating temperature range - 40°C T_a 50°C
- Optimized optic for road and street lighting

Application

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

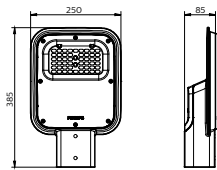
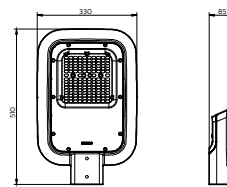
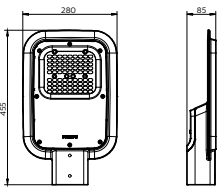
Specifications

SmartBright Road

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

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

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/lens 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
911401675607	BRP132 LED175/WW 140W 220-240V DM GC	Warm white	3000 K	17,500 lumen
911401675707	BRP132 LED175/NW 140W 220-240V DM GC	Neutral white	4000 K	17,500 lumen
911401676507	BRP132 LED175/WW 140W 220-240V DM GM	Warm white	3000 K	17,500 lumen
911401676607	BRP132 LED175/NW 140W 220-240V DM GM	Neutral white	4000 K	17,500 lumen
911401676707	BRP132 LED175/CW 140W 220-240V DM GM	Cool white	5700 K	17,500 lumen
911401692407	BRP132 LED175/WW 140W 220-240V DM ANZ	Warm white	3000 K	17,500 lumen
911401692507	BRP132 LED175/NW 140W 220-240V DM ANZ	Neutral white	4000 K	17,500 lumen
911401692607	BRP132 LED175/CW 140W 220-240V DM ANZ	Cool white	5700 K	17,500 lumen
911401675307	BRP131 LED125/WW 100W 220-240V DM GC	Warm white	3000 K	12,500 lumen
911401675407	BRP131 LED125/NW 100W 220-240V DM GC	Neutral white	4000 K	12,500 lumen
911401676207	BRP131 LED125/WW 100W 220-240V DM GM	Warm white	3000 K	12,500 lumen
911401676307	BRP131 LED125/NW 100W 220-240V DM GM	Neutral white	4000 K	12,500 lumen
911401676407	BRP131 LED125/CW 100W 220-240V DM GM	Cool white	5700 K	12,500 lumen
911401692107	BRP131 LED125/WW 100W 220-240V DM ANZ	Warm white	3000 K	12,500 lumen
911401692207	BRP131 LED125/NW 100W 220-240V DM ANZ	Neutral white	4000 K	12,500 lumen
911401692307	BRP131 LED125/CW 100W 220-240V DM ANZ	Cool white	5700 K	12,500 lumen
911401675007	BRP130 LED88/WW 70W 220-240V DM GC	Warm white	3000 K	8,800 lumen
911401675107	BRP130 LED88/NW 70W 220-240V DM GC	Neutral white	4000 K	8,800 lumen
911401675907	BRP130 LED88/WW 70W 220-240V DM GM	Warm white	3000 K	8,800 lumen
911401676007	BRP130 LED88/NW 70W 220-240V DM GM	Neutral white	4000 K	8,800 lumen
911401676107	BRP130 LED88/CW 70W 220-240V DM GM	Cool white	5700 K	8,800 lumen
911401691807	BRP130 LED88/WW 70W 220-240V DM ANZ	Warm white	3000 K	8,800 lumen
911401691907	BRP130 LED88/NW 70W 220-240V DM ANZ	Neutral white	4000 K	8,800 lumen
911401692007	BRP130 LED88/CW 70W 220-240V DM ANZ	Cool white	5700 K	8,800 lumen

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401675607	BRP132 LED175/WW 140W 220-240V DM GC	140 W
911401675707	BRP132 LED175/NW 140W 220-240V DM GC	140 W
911401676507	BRP132 LED175/WW 140W 220-240V DM GM	140 W
911401676607	BRP132 LED175/NW 140W 220-240V DM GM	140 W
911401676707	BRP132 LED175/CW 140W 220-240V DM GM	140 W
911401692407	BRP132 LED175/WW 140W 220-240V DM ANZ	140 W
911401692507	BRP132 LED175/NW 140W 220-240V DM ANZ	140 W
911401692607	BRP132 LED175/CW 140W 220-240V DM ANZ	140 W
911401675307	BRP131 LED125/WW 100W 220-240V DM GC	100 W
911401675407	BRP131 LED125/NW 100W 220-240V DM GC	100 W
911401676207	BRP131 LED125/WW 100W 220-240V DM GM	100 W
911401676307	BRP131 LED125/NW 100W 220-240V DM GM	100 W

Order Code	Full Product Name	Power Consumption
911401676407	BRP131 LED125/CW 100W 220-240V DM GM	100 W
911401692107	BRP131 LED125/WW 100W 220-240V DM ANZ	100 W
911401692207	BRP131 LED125/NW 100W 220-240V DM ANZ	100 W
911401692307	BRP131 LED125/CW 100W 220-240V DM ANZ	100 W
911401675007	BRP130 LED88/WW 70W 220-240V DM GC	70 W
911401675107	BRP130 LED88/NW 70W 220-240V DM GC	70 W
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