



# 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
- $\cdot$  30,000 hours L70 at 35C Ta rated lifetime
- · 130lm/w luminous efficacy
- Operating temperature range  $40^{\circ}$ C < Ta <  $50^{\circ}$ 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 aluminiumOptic cover: polycarbonate	
Light Source	3030 LED	
Installation	Side entry 42-60mmOptional adjustable spigot	
Luminous flux	System flux up to 18200lm	
Correlated color	5700K4000K3000K	
temperature - CCT		
Luminaire efficacy	4000K: 130lm/W	
Color Rendering index - 70		
CRI		

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

#### Versions



SmartBright Road

## Dimensional drawing













# **SmartBright Road**

### **Product details**





General Information	
Driver included	Yes
Service tag	Yes
Light Technical	
Color rendering index (CRI)	>70
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Optical cover type	Transparent bowl
	with transparent
	cover
Housing Color	Gray
Mech. impact protection code	IK08
Ingress protection code	IP66
Approval and Application	
CE mark	Yes
	For mounting on
Flammability mark	Ţ.
Flammability mark	normally
Flammability mark	normally flammable
Flammability mark	normally

## Light Technical

		Light source	Correlated Color	
Order Code	Full Product Name	color	Temperature (Nom)	Luminous Flux
911401676507	BRP132 LED175/WW 140W 220-240V	Warm white	3000 K	17,500 lm
	DM GM			
911401676607	BRP132 LED175/NW 140W 220-240V	Neutral white	4000 K	17,500 lm
	DM GM			
911401676707	BRP132 LED175/CW 140W 220-240V	Cool white	5700 K	17,500 lm
	DM GM			
911401676207	BRP131 LED125/WW 100W 220-240V	Warm white	3000 K	12,500 lm
	DM GM			
911401676307	BRP131 LED125/NW 100W 220-240V	Neutral white	4000 K	12,500 lm
	DM GM			
911401676407	BRP131 LED125/CW 100W 220-240V	Cool white	5700 K	12,500 lm
	DM GM			
911401675907	BRP130 LED88/WW 70W 220-240V	Warm white	3000 K	8,800 lm
	DM GM			
911401676007	BRP130 LED88/NW 70W 220-240V	Neutral white	4000 K	8,800 lm
	DM GM			
911401676107	BRP130 LED88/CW 70W 220-240V	Cool white	5700 K	8,800 lm
	DM GM			

## Operating and Electrical

Order Code	Full Product Name	Power Consumption
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
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
911401675907	BRP130 LED88/WW 70W 220-240V DM GM	70 W
911401676007	BRP130 LED88/NW 70W 220-240V DM GM	70 W
911401676107	BRP130 LED88/CW 70W 220-240V DM GM	70 W

# **SmartBright Road**



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