



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. Offers initial investment with good-quality and energy-efficient lighting. Fits wide application areas and is suitable for use in residential streets, main roads and parking areas

Features

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

Application

- Roads and residential streets
Parking area
Walking/cycling paths

Versions



Approval and Application

Mech. impact protection code	IK08
Surge Protection (Common/Differential)	Luminaire surge protection level up to 10 kV differential mode and 10 kV common mode

Controls and Dimming

Dimmable	No
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General Information

CE mark	CE mark
Optical cover/lens type	Polycarbonate micro lens optic
Driver included	Yes
Light source replaceable	No
Number of gear units	One unit

Initial Performance (IEC Compliant)

Init. Colour Rendering Index	70
Initial luminous flux	10000 lm

Mechanical and Housing

Colour	Dark Grey
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General Information

Order Code	Full Product Name	Light source colour
911401697004	BRP131 LED100/CW 100W 220-240V DM GM	757 cool white
911401697104	BRP131 LED100/WW 100W 220-240V DM GM	730 warm white
911401697404	BRP131 LED100/NW 100W 220-240V DM GM	740 neutral white

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature
911401697004	BRP131 LED100/CW 100W 220-240V DM GM	5700 K
911401697104	BRP131 LED100/WW 100W 220-240V DM GM	3000 K

Order Code	Full Product Name	Init. Corr. Colour Temperature
911401697404	BRP131 LED100/NW 100W 220-240V DM GM	4000 K

