



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

General Information

CE mark CE mark

Optical cover/lens type PC-MLO

Driver included Yes

Mechanical and Housing

Colour Dark Grey

Approval and Application

Order Code	Full Product Name	Surge Protection (Common/Differential)
911401654806	BRP131 LED100/CW 100W 220-240V DM GM MS	-
911401654906	BRP131 LED100/WW 100W 220-240V DM GM MS	-
911401655006	BRP131 LED100/NW 100W 220-240V DM GM MS	-
911401655106	BRP132 LED140/NW 140W 220-240V DM GM MS	-
911401655206	BRP132 LED140/WW 140W 220-240V DM GM MS	-

Order Code	Full Product Name	Surge Protection (Common/Differential)
911401655306	BRP132 LED140/CW 140W 220-240V DM GM MS	-
911401697004	BRP131 LED100/CW 100W 220-240V DM GM	Surge protection level until 10 kV
911401697104	BRP131 LED100/WW 100W 220-240V DM GM	Surge protection level until 10 kV
911401697404	BRP131 LED100/NW 100W 220-240V DM GM	Surge protection level until 10 kV

Controls and Dimming

Order Code	Full Product Name	Dimmable
911401654806	BRP131 LED100/CW 100W 220-240V DM GM MS	Yes
911401654906	BRP131 LED100/WW 100W 220-240V DM GM MS	Yes
911401655006	BRP131 LED100/NW 100W 220-240V DM GM MS	Yes
911401655106	BRP132 LED140/NW 140W 220-240V DM GM MS	Yes
911401655206	BRP132 LED140/WW 140W 220-240V DM GM MS	Yes

Order Code	Full Product Name	Dimmable
911401655306	BRP132 LED140/CW 140W 220-240V DM GM MS	Yes
911401697004	BRP131 LED100/CW 100W 220-240V DM GM	No
911401697104	BRP131 LED100/WW 100W 220-240V DM GM	No
911401697404	BRP131 LED100/NW 100W 220-240V DM GM	No

General Information

Order Code	Full Product Name	Light source colour	Light source replaceable	Number of gear units
911401654806	BRP131 LED100/CW 100W 220-240V DM GM MS	757 cool white	-	-
911401654906	BRP131 LED100/WW 100W 220-240V DM GM MS	730 warm white	-	-
911401655006	BRP131 LED100/NW 100W 220-240V DM GM MS	740 neutral white	-	-
911401655106	BRP132 LED140/NW 140W 220-240V DM GM MS	740 neutral white	-	-
911401655206	BRP132 LED140/WW 140W 220-240V DM GM MS	730 warm white	-	-

Order Code	Full Product Name	Light source colour	Light source replaceable	Number of gear units
911401655306	BRP132 LED140/CW 140W 220-240V DM GM MS	757 cool white	-	-
911401697004	BRP131 LED100/CW 100W 220-240V DM GM	757 cool white	No	1 unit
911401697104	BRP131 LED100/WW 100W 220-240V DM GM	730 warm white	No	1 unit
911401697404	BRP131 LED100/NW 100W 220-240V DM GM	740 neutral white	No	1 unit

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour Rendering Index	Initial luminous flux
911401654806	BRP131 LED100/CW 100W 220-240V DM GM MS	5700 K	>70	10000 lm
911401654906	BRP131 LED100/WW 100W 220-240V DM GM MS	3000 K	>70	10000 lm
911401655006	BRP131 LED100/NW 100W 220-240V DM GM MS	4000 K	>70	10000 lm
911401655106	BRP132 LED140/NW 140W 220-240V DM GM MS	4000 K	>70	14000 lm
911401655206	BRP132 LED140/WW 140W 220-240V DM GM MS	3000 K	>70	14000 lm

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour Rendering Index	Initial luminous flux
911401655306	BRP132 LED140/CW 140W 220-240V DM GM MS	5700 K	>70	14000 lm
911401697004	BRP131 LED100/CW 100W 220-240V DM GM	5700 K	70	10000 lm
911401697104	BRP131 LED100/WW 100W 220-240V DM GM	3000 K	70	10000 lm
911401697404	BRP131 LED100/NW 100W 220-240V DM GM	4000 K	70	10000 lm

