



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 gray

Approval and Application

Order Code	Full Product Name	Surge Protection (Common/Differential)
01635404	BRP130 LED70/NW 70W 220-240V DM GM	Surge protection level until 10 kV
01635504	BRP130 LED70/WW 70W 220-240V DM GM	Surge protection level until 10 kV
01635604	BRP130 LED70/CW 70W 220-240V DM GM	Surge protection level until 10 kV
01635804	BRP130 LED70/WW 70W 220-240V DM ANZ	Surge protection level until 10 kV
01636004	BRP130 LED70/NW 70W 220-240V DM ANZ	Surge protection level until 10 kV
01636304	BRP130 LED70/CW 70W 220-240V DM ANZ	Surge protection level until 10 kV
01635704	BRP132 LED140/WW 140W 220-240V DM GM	Surge protection level until 10 kV
01635904	BRP132 LED140/CW 140W 220-240V DM GM	Surge protection level until 10 kV
01636104	BRP132 LED140/NW 140W 220-240V DM GM	Surge protection level until 10 kV
01636404	BRP132 LED140/WW 140W 220-240V DM ANZ	Surge protection level until 10 kV
01636504	BRP132 LED140/NW 140W 220-240V DM ANZ	Surge protection level until 10 kV

Order Code	Full Product Name	Surge Protection (Common/Differential)
01636604	BRP132 LED140/CW 140W 220-240V DM ANZ	Surge protection level until 10 kV
01654806	BRP131 LED100/CW 100W 220-240V DM MS	-
01654906	BRP131 LED100/WW 100W 220-240V DM GM MS	-
01655006	BRP131 LED100/NW 100W 220-240V DM GM MS	-
01655106	BRP132 LED140/NW 140W 220-240V DM GM MS	-
01655206	BRP132 LED140/WW 140W 220-240V DM GM MS	-
01655306	BRP132 LED140/CW 140W 220-240V DM GM MS	-
32201800	BRP131 LED100/CW 100W 220-240V DM GM	Surge protection level until 10 kV
32199800	BRP131 LED100/WW 100W 220-240V DM GM	Surge protection level until 10 kV
32200100	BRP131 LED100/NW 100W 220-240V DM GM	Surge protection level until 10 kV

Controls and Dimming

Order Code	Full Product Name	Dimmable
01635404	BRP130 LED70/NW 70W 220-240V DM GM	No
01635504	BRP130 LED70/WW 70W 220-240V DM GM	No
01635604	BRP130 LED70/CW 70W 220-240V DM GM	No
01635804	BRP130 LED70/WW 70W 220-240V DM ANZ	No
01636004	BRP130 LED70/NW 70W 220-240V DM ANZ	No
01636304	BRP130 LED70/CW 70W 220-240V DM ANZ	No
01635704	BRP132 LED140/WW 140W 220-240V DM GM	No
01635904	BRP132 LED140/CW 140W 220-240V DM GM	No
01636104	BRP132 LED140/NW 140W 220-240V DM GM	No
01636404	BRP132 LED140/WW 140W 220-240V DM ANZ	No
01636504	BRP132 LED140/NW 140W 220-240V DM ANZ	No

Order Code	Full Product Name	Dimmable
01636604	BRP132 LED140/CW 140W 220-240V DM ANZ	No
01654806	BRP131 LED100/CW 100W 220-240V DM GM MS	Yes
01654906	BRP131 LED100/WW 100W 220-240V DM GM MS	Yes
01655006	BRP131 LED100/NW 100W 220-240V DM GM MS	Yes
01655106	BRP132 LED140/NW 140W 220-240V DM GM MS	Yes
01655206	BRP132 LED140/WW 140W 220-240V DM GM MS	Yes
01655306	BRP132 LED140/CW 140W 220-240V DM GM MS	Yes
32201800	BRP131 LED100/CW 100W 220-240V DM GM	No
32199800	BRP131 LED100/WW 100W 220-240V DM GM	No
32200100	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
01635404	BRP130 LED70/NW 70W 220-240V DM GM	740 neutral white	No	1 unit
01635504	BRP130 LED70/WW 70W 220-240V DM GM	730 warm white	No	1 unit
01635604	BRP130 LED70/CW 70W 220-240V DM GM	757 cool white	No	1 unit
01635804	BRP130 LED70/WW 70W 220-240V DM ANZ	730 warm white	No	1 unit
01636004	BRP130 LED70/NW 70W 220-240V DM ANZ	740 neutral white	No	1 unit
01636304	BRP130 LED70/CW 70W 220-240V DM ANZ	757 cool white	No	1 unit
01635704	BRP132 LED140/WW 140W 220-240V DM GM	730 warm white	No	1 unit
01635904	BRP132 LED140/CW 140W 220-240V DM GM	757 cool white	No	1 unit
01636104	BRP132 LED140/NW 140W 220-240V DM GM	740 neutral white	No	1 unit
01636404	BRP132 LED140/WW 140W 220-240V DM ANZ	730 warm white	No	1 unit
01636504	BRP132 LED140/NW 140W 220-240V DM ANZ	740 neutral white	No	1 unit

Order Code	Full Product Name	Light source colour	Light source replaceable	Number of gear units
01636604	BRP132 LED140/CW 140W 220-240V DM ANZ	757 cool white	No	1 unit
01654806	BRP131 LED100/CW 100W 220-240V DM GM MS	757 cool white	-	-
01654906	BRP131 LED100/WW 100W 220-240V DM GM MS	730 warm white	-	-
01655006	BRP131 LED100/NW 100W 220-240V DM GM MS	740 neutral white	-	-
01655106	BRP132 LED140/NW 140W 220-240V DM GM MS	740 neutral white	-	-
01655206	BRP132 LED140/WW 140W 220-240V DM GM MS	730 warm white	-	-
01655306	BRP132 LED140/CW 140W 220-240V DM GM MS	757 cool white	-	-
32201800	BRP131 LED100/CW 100W 220-240V DM GM	757 cool white	No	1 unit
32199800	BRP131 LED100/WW 100W 220-240V DM GM	730 warm white	No	1 unit
32200100	BRP131 LED100/NW 100W 220-240V DM GM	740 neutral white	No	1 unit

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Colour		
		Init. Corr. Colour Temperature	Rendering Index	Initial luminous flux
01635404	BRP130 LED70/NW 70W 220-240V DM GM	4000 K	70	7000 lm
01635504	BRP130 LED70/WW 70W 220-240V DM GM	3000 K	70	7000 lm
01635604	BRP130 LED70/CW 70W 220-240V DM GM	5700 K	70	7000 lm

Order Code	Full Product Name	Init. Colour		
		Init. Corr. Colour Temperature	Rendering Index	Initial luminous flux
01635804	BRP130 LED70/WW 70W 220-240V DM ANZ	3000 K	70	7000 lm
01636004	BRP130 LED70/NW 70W 220-240V DM ANZ	4000 K	70	7000 lm
01636304	BRP130 LED70/CW 70W 220-240V DM ANZ	5700 K	70	7000 lm

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour	
			Rendering Index	Initial luminous flux
01635704	BRP132 LED140/WW 140W 220-240V DM GM	3000 K	70	14000 lm
01635904	BRP132 LED140/CW 140W 220-240V DM GM	5700 K	70	14000 lm
01636104	BRP132 LED140/NW 140W 220-240V DM GM	4000 K	70	14000 lm
01636404	BRP132 LED140/WW 140W 220-240V DM ANZ	3000 K	70	14000 lm
01636504	BRP132 LED140/NW 140W 220-240V DM ANZ	4000 K	70	14000 lm
01636604	BRP132 LED140/CW 140W 220-240V DM ANZ	5700 K	70	14000 lm
01654806	BRP131 LED100/CW 100W 220-240V DM GM MS	5700 K	>70	10000 lm
01654906	BRP131 LED100/WW 100W 220-240V DM GM MS	3000 K	>70	10000 lm

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour	
			Rendering Index	Initial luminous flux
01655006	BRP131 LED100/NW 100W 220-240V DM GM MS	4000 K	>70	10000 lm
01655106	BRP132 LED140/NW 140W 220-240V DM GM MS	4000 K	>70	14000 lm
01655206	BRP132 LED140/WW 140W 220-240V DM GM MS	3000 K	>70	14000 lm
01655306	BRP132 LED140/CW 140W 220-240V DM GM MS	5700 K	>70	14000 lm
32201800	BRP131 LED100/CW 100W 220-240V DM GM	5700 K	70	10000 lm
32199800	BRP131 LED100/WW 100W 220-240V DM GM	3000 K	70	10000 lm
32200100	BRP131 LED100/NW 100W 220-240V DM GM	4000 K	70	10000 lm

