



# SmartBright Road

## BRP131 LED100/NW 100W 220-240V DM GM

SmartBright Road, 10000 lm, 100 W, 740 neutral white, Safety class I, Spigot for diameter 42 to 60 mm

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.

### Product data

General Information		Operating and Electrical	
Light source replaceable	No	Input Voltage	220 to 240 V
Number of gear units	1 unit	Line Frequency	50 to 60 Hz
Driver included	Yes	Initial CLO power consumption	NO W
Light source engine type	LED	Inrush current	9.7 A
CE mark	CE mark	Inrush time	0.065 ms
Warranty period	3 years	Power Consumption	100 W
Flammability mark	For mounting on normally flammable surfaces	Power Factor (Fraction)	0.9
EU RoHS compliant	Yes	Connection	Flying leads/wires
		Cable	Cable 0.5 m without plug
		Number of products on MCB of 16 A type B	26
Light Technical		Temperature	
Luminous Flux	10,000 lm	Ambient temperature range	-40 to +50 °C
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	100 lm/W	Controls and Dimming	
Color rendering index (CRI)	70	Dimmable	No
Light source color	740 neutral white	Control interface	-
Optical cover type	Polycarbonate micro lens optic		

Constant light output	No
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Mechanical and Housing

Housing Material	Aluminum die cast
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	Dark gray
Mounting device	Spigot for diameter 42 to 60 mm
Overall length	453.8 mm
Overall width	277.2 mm
Overall height	85 mm
Effective projected area	0.11 m²
Dimensions (Height x Width x Depth)	85 x 277 x 454 mm

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode

Protection class IEC	Safety class I
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Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM < 5
Power consumption tolerance	+/-10%

Product Data

Order product name	BRP131 LED100/NW 100W 220-240V DM GM
Full product name	BRP131 LED100/NW 100W 220-240V DM GM
Full product code	871016332200100
Order code	911401697404
Material Nr. (12NC)	911401697404
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163322001
Numerator - Packs per outer box	1
EAN/UPC - Case	8710163322001

Dimensional drawing

