

PHILIPS

Lighting



SmartBright Road

BRP131 LED125/NW 100W 220-240V DM GM

SmartBright Road, 12500 lm, 100 W, Neutral white, Safety class I

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		Cable	
Driver included	Yes	Cable	Cable 0.5 m without plug
CE mark	CE mark	Temperature	
Flammability mark	For mounting on normally flammable surfaces	Ambient temperature range	-40 to +50 °C
Light Technical		Controls and Dimming	
Luminous Flux	12,500 lm	Dimmable	No
Correlated Color Temperature (Nom)	4000 K	Control interface	-
Luminous Efficacy (rated) (Nom)	130 lm/W	Mechanical and Housing	
Color rendering index (CRI)	>70	Housing Material	Aluminum
Light source color	Neutral white	Optical cover material	Polycarbonate
Optical cover type	Transparent bowl with transparent cover	Housing Color	Gray
Operating and Electrical		Overall length	454 mm
Input Voltage	220-240 V	Overall width	278 mm
Line Frequency	50 or 60 Hz	Overall height	85 mm
Inrush current	15 A	Effective projected area	0.11 m ²
Power Consumption	100 W	Dimensions (Height x Width x Depth)	85 x 278 x 454 mm

Power Factor (Fraction)	0.9
Connection	Screw connection block 3-pole

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
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Datasheet, 2024, January 9

data subject to change

Mech. impact protection code	IK08 [5 J vandal-protected]	Full product name	BRP131 LED125/NW 100W 220-240V DM GM
Protection class IEC	Safety class I	Full product code	871951454891600
		Order code	911401676307
		Material Nr. (12NC)	911401676307
		Numerator - Quantity Per Pack	1
		EAN/UPC - Product/Case	8719514548916
		Numerator - Packs per outer box	1
		EAN/UPC - Case	8719514548916

SmartBright Road

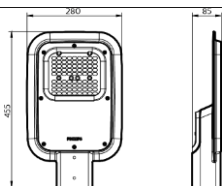
Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	7
Power consumption tolerance	+/-10%

Dimensional drawing

Product Data

Order product name BRP131 LED125/NW 100W 220-240V DM GM



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