

# PHILIPS

# Lighting



## SmartBright Road

**BRP131 LED125/CW 100W 220-240V DM GM**

SmartBright Road, 12500 lm, 100 W, Cool 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)	5700 K	Control interface	-
Luminous Efficacy (rated) (Nom)	130 lm/W	Mechanical and Housing	
Color rendering index (CRI)	>70	Housing Material	Aluminum
Light source color	Cool 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 <sup>2</sup>
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, 2023, December 29

data subject to change

Mech. impact protection code	IK08 [5 J vandal-protected]	Full product name	BRP131 LED125/CW 100W 220-240V DM GM
Protection class IEC	Safety class I	Full product code	871951454892300
		Order code	911401676407
		Material Nr. (12NC)	911401676407
		Numerator - Quantity Per Pack	1
		EAN/UPC - Product/Case	8719514548923
		Numerator - Packs per outer box	1
		EAN/UPC - Case	8719514548923

## SmartBright Road

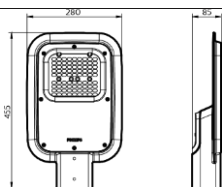
### Initial Performance (IEC Compliant)

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

### Dimensional drawing

### Product Data

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



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