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	
Driver included	Yes
Service tag	Yes
Value ladder	Value

Light Technical	
Luminous Flux	12,500 lm
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	130 lm/W
Color rendering index (CRI)	>70
Light source color	Cool white
Effective projected area	0.11 m²

Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	15 A
Power Consumption	100 W
Power Factor (Fraction)	0.9
Connection	Screw connection block 3-pole
Cable	Cable 0.5 m without plug
Number of products on MCB of 16 A type B	-
Protection class IEC	Safety class I

Controls and Dimming	
Dimmable	No
Control interface	-

Mechanical and Housing	
Housing Material	Aluminum
Optical cover material	Polycarbonate
Housing Color	Gray
Overall length	454 mm
Overall width	278 mm
Overall height	85 mm
Dimensions (Height x Width x Depth)	85 x 278 x 454 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optical cover type	Transparent bowl with transparent cover
Net Weight (Piece)	3.050 kg

SmartBright Road

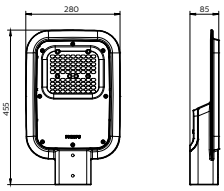
Approval and Application	
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
Ambient temperature range	-40 to +50 °C

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	7
Power consumption tolerance	+/-10%

Application Conditions	
Lumen Maintenance	30000hrs

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

Dimensional drawing



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