

Lighting

PHILIPS

SmartBright Road

BRP131 LED100/NW 100W 220-240V DM ANZ

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	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
CE mark	CE mark
Warranty period	3 years
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	10,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Optical cover type	Polycarbonate micro lens optic
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz

Initial CLO power consumption	NO W
Inrush current	9.7 A
Inrush time	0.065 ms
Power Consumption	100 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	Cable 0.5 m without plug
Number of products on MCB of 16 A type	26
В	
Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	No
Control interface	-
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum die cast

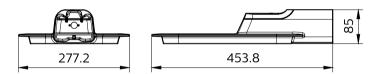
SmartBright Road

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
Initial Performance (IEC Compliant)	

Initial chromaticity	SDCM>6
Power consumption tolerance	+/-10%
Product Data	
Order product name	BRP131 LED100/NW 100W 220-240V DM
	ANZ
Full product name	BRP131 LED100/NW 100W 220-240V DM
	ANZ
Full product code	871016332203200
Order code	911401697204
Material Nr. (12NC)	911401697204
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163322032
Numerator - Packs per outer box	1
EAN/UPC - Case	8710163322032

Dimensional drawing

Luminous flux tolerance



+/-10%



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.