



SmartBright Road

BRP131 LED100/CW 100W 220-240V DM GM

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 colour	757 cool white
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Optical cover/lens type	PC-MLO [Polycarbonate micro lens optic]
Control interface	-
Connection	Flying leads/wires
Cable	Cable 0.5 m without plug
Protection class IEC	Safety class I (I)
Flammability mark	F [For mounting on normally flammable surfaces]
CE mark	CE mark
Warranty period	3 years
Constant light output	No
Number of products on MCB (16 A type B)	26
EU RoHS compliant	Yes
Light source engine type	LED
Operating and Electrical	
Input Voltage	220 to 240 V
Input frequency	50 to 60 Hz
Initial CLO power consumption	NO W
Inrush current	9.7 A

Inrush time	0.065 ms
Power factor (min.)	0.9

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Housing material	Aluminum die-cast
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminium
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 m ²
Colour	Dark gray

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)	Surge protection level until 10 kV

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Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	10000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	100 lm/W
Init. Corr. Colour Temperature	5700 K
Init. Colour rendering index	70
Initial chromaticity	(0.33, 0.34) SDCM < 5
Initial input power	100 W
Power consumption tolerance	+/-10%

Application Conditions

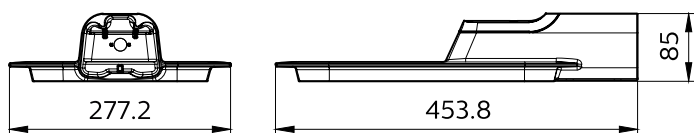
Ambient temperature range	-40 to +50 °C
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Product Data

Full product code	871016332201800
Order product name	BRP131 LED100/CW 100W 220-240V DM GM
EAN/UPC – product	8710163322018
Order code	32201800
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401697004
SAP net weight (piece)	3.299 kg



Dimensional drawing



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