



# SmartBright Road

## BRP131 LED100/NW 100W 220-240V DM GM MS

SmartBright Road - 10000 lm - 100 W - 4000 K

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	740 neutral white
Driver included	Yes
Optical cover/lens type	PC-MLO [ Polycarbonate micro lens optic]
Control interface	-
Connection	CU3 [ Connection unit 3-pole]
Cable	-
Protection class IEC	Safety class I (I)
Flammability mark	F [ For mounting on normally flammable surfaces]
CE mark	CE mark

### Operating and Electrical

Input Voltage	220/240 V
Input frequency	50 or 60 Hz
Power factor (min.)	0.9

### Controls and Dimming

Dimmable	Yes
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### Mechanical and Housing

Housing material	Aluminum
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Optical cover/lens material	Polycarbonate
Overall length	453.8 mm
Overall width	277.2 mm
Overall height	85 mm
Effective projected area	0.11 m <sup>2</sup>
Colour	Dark gray

### Approval and Application

Ingress protection code	IP66 [ Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [ 5 J vandal-protected]

### 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	4000 K
Init. Colour rendering index	>70
Initial chromaticity	(0.38, 0.38) SDCM < 5
Initial input power	100 W
Power consumption tolerance	+/-10%

## SmartBright Road

### Application Conditions

Ambient temperature range -40 to +50 °C

### Product Data

Full product code 911401655006  
Order product name BRP131 LED100/NW 100W 220-240V DM GM MS  
Order code 01655006

SAP numerator – quantity per pack 1

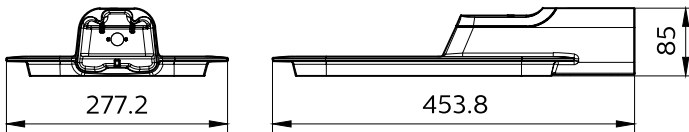
Numerator – packs per outer box 1

SAP material 911401655006

SAP net weight (piece) 3.299 kg



### Dimensional drawing



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