PHILIPS Lighting



Stela+ gen2 Round

BPP610 4400/NW PSU WRN CLO 76P L16

STELA ROUND GEN2, LED XP-G2, Power supply unit (On/Off), Wide road optic for S-class, Constant light output, Post-top for diameter 76 mm

Stela Round is at the forefront of LED technology in street lighting. The REVOLED cooling and light distribution concept enables tremendous energy savings and a corresponding reduction in CO2 emissions, whilst meeting current lighting standards. Excellent thermal management of the LEDs ensures a very long lifetime, eliminating the need for lamp replacement and resulting in a very attractive Total Cost of Ownership. The introduction of the latest-generation LED and programmable drivers and the possibility of employing Constant Light Output (CLO) in gen2 enable a further reduction in power consumption.

Product data

General Information	
Lamp family code	XP-G2 [LED XP-G2]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Product family code	BPP610 [STELA ROUND GEN2]
Lighting Technology	LED
Embedded control	Constant light output
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	-

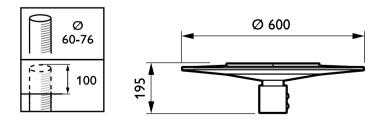
Yes
0
3,960 lumen
D°
-
4000 K
132 lm/W
≥70
36
Neutral white
Polymethyl methacrylate bowl/cover
154° x 118°

Stela+ gen2 Round

Optic type outdoor	Wide road optic for S-class
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	30 W
Average CLO power consumption	30 W
End CLO power consumption	30 W
Inrush current	80 A
Inrush time	150 ms
Power Consumption	30 W
Power Factor (Fraction)	0.93
Connection	Screw connection with pug and socket
Cable	-
Number of products on MCB of 16 A ty	pe B 1
Temperature	
Ambient temperature range	-20 to +35 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	Yes
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	Acrylate
Optical cover material	Polymethyl methacrylate
Fixation material	Aluminum
Housing Color	Grey
Mounting device	Post-top for diameter 76 mm
Optical cover shape	Curved
Optical cover finish	Clear

Overall height 195 mm Overall diameter 600 mm Effective projected area 0.065 m² Approval and Application Ingress protection code Ingress protection code IK10 [20 J vandal-resistant] Surge Protection (Common/Differential) Luminaire surge protection level until 6 kV differential mode and 6 kV common mode Protection class IEC Safety class I Photobiological risk Photobiological risk group 1 @200mm to EN62778 Initial Performance (IEC Compliant) Luminous flux tolerance Initial chromaticity (0.380, 0.380) SDCM <7 Power consumption tolerance +/-10% Init. Color Rendering Index Tolerance +/-2 Ver Time Performance (IEC Compliant) Driver failure rate at 5000 h O.5 % Product Data Full product code 871794322833100 Order code 912300025953 Numerator - Quantity Per Pack 1 Numerator - Packs per outer box 1 Material Nr. (12NC) 912300025953 Full product name BPP610 4400/NW PSU WRN CLO 76P L16 EAN/UPC - Case 8717943228331		
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Dimensional drawing



Stela+ gen2 Round



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