



# Stela+ gen2 Round

## BPP611 1450/NW PSU WRN CLO 60P L20

STELA-ROUND AREA GEN2, LED XP-G2, Power supply unit (On/Off), Wide road optic for S-class, Constant light output, Post-top for diameter 60 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		EU RoHS compliant	
Lamp family code	XP-G2 [LED XP-G2]	Yes	
Light source replaceable	No		
Number of gear units	1 unit		
Driver included	Yes		
Light source engine type	LED		
Product family code	BPP611 [STELA-ROUND AREA GEN2]		
Lighting Technology	LED		
Embedded control	Constant light output		
CE mark	Yes		
Warranty period	5 years		
Flammability mark	-		
ENEC mark	-		
Light Technical			
Upward light output ratio	0		
Luminous Flux	1,305 lumen		
Standard tilt angle posttop	0°		
Standard tilt angle side entry	-		
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	109 lm/W		
Color rendering index (CRI)	≥70		
Number of light sources	12		
Light source color	Neutral white		
Optical cover type	Polymethyl methacrylate bowl/cover		
Luminaire light beam spread	154° x 118°		

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Optic type outdoor	Wide road optic for S-class
<b>Operating and Electrical</b>	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	12 W
Average CLO power consumption	12 W
End CLO power consumption	12 W
Inrush current	65 A
Inrush time	100 ms
Power Consumption	12 W
Power Factor (Fraction)	0.86
Connection	Screw connection with pug and socket
Cable	-
Number of products on MCB of 16 A type B 1	
<b>Temperature</b>	
Ambient temperature range	-20 to +35 °C
<b>Controls and Dimming</b>	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	Yes
<b>Mechanical and Housing</b>	
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 60 mm
Optical cover shape	Curved
Optical cover finish	Clear

Overall height	195 mm
Overall diameter	600 mm
Effective projected area	0.065 m <sup>2</sup>
<b>Approval and Application</b>	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact 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	+/-7%
Initial chromaticity	(0.380, 0.380) SDCM <7
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

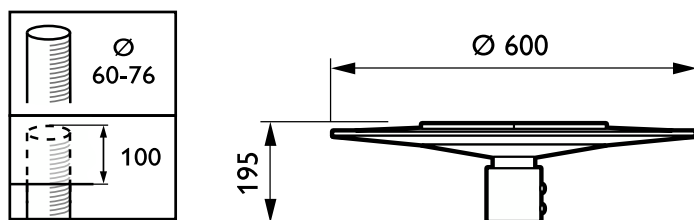
### Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.5 %
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### Product Data

Full product code	871794322837900
Order product name	BPP611 1450/NW PSU WRN CLO 60P L20
Order code	912300025965
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912300025965
Full product name	BPP611 1450/NW PSU WRN CLO 60P L20
EAN/UPC - Case	8717943228379
EAN/UPC - Product/Case	8717943228379

## Dimensional drawing



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