



# Stela+ gen2 Round

### **BPP611 2950/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	
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	BPP611 [STELA-ROUND AREA GEN2]
Lighting Technology	LED
Embedded control	Constant light output
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	-

EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0
Luminous Flux	2,655 lumen
Standard tilt angle posttop	O°
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	121 lm/W
Color rendering index (CRI)	≥70
Number of light sources	24
Light source color	Neutral white
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	154° x 118°

Datasheet, 2023, September 4 data subject to change

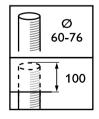
## Stela+ gen2 Round

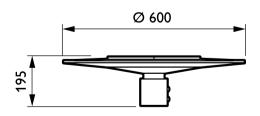
Optic type outdoor	Wide road optic for S-class
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	22 W
Average CLO power consumption	22 W
End CLO power consumption	22 W
Inrush current	65 A
Inrush time	100 ms
Power Consumption	22 W
Power Factor (Fraction)	0.94
Connection	Screw connection with pug and socket
Cable	-
Number of products on MCB of 16 A ty	ype B 1
Temperature	
Ambient temperature range	-20 to +35 ℃
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	Yes
Mechanical and Housing	
Mechanical and Housing Housing Material	Aluminum
	Aluminum -
Housing Material	Aluminum - Acrylate
Housing Material Reflector material	-
Housing Material Reflector material Optic material	- Acrylate
Housing Material  Reflector material  Optic material  Optical cover material	- Acrylate Polymethyl methacrylate
Housing Material Reflector material Optic material Optical cover material Fixation material	- Acrylate Polymethyl methacrylate Aluminum
Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color	- Acrylate Polymethyl methacrylate Aluminum Grey

Overall diameter 600 mm  Effective projected area 0.065 m²  Approval and Application  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 %  Product Data  Full product code 871794322839300  Order product name BPP611 2950/NW PSU WRN CLO 60P L20  Order code 912300025967  Numerator - Packs per outer box 1  Numerator - Packs per outer box 1  Material Nr. (12NC) 912300025967  Full product name BPP611 2950/NW PSU WRN CLO 60P L20  EAN/UPC - Case 8717943228393		
Approval and Application Ingress protection code IP66 [Dust penetration-protected, jet-proof] Mech. impact protection code IKIO [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 %  Product Data Full product code 871794322839300 Order product name BPP611 2950/NW PSU WRN CLO 60P L20 Order code Numerator - Quantity Per Pack 1 Numerator - Packs per outer box 1 Material Nr. (12NC) 912300025967 Full product name BPP611 2950/NW PSU WRN CLO 60P L20 EAN/UPC - Case 8717943228393	Overall height	195 mm
Approval and Application  Ingress protection code  Mech. impact protection code  Frotection (Common/Differential)  Burge Protection (Common/Differential)  Frotection class IEC  Photobiological risk  Photobiological risk proup 1 @200mm to EN62778  Initial Performance (IEC Compliant)  Luminous flux tolerance  Initial chromaticity  Initial chromaticity  Power consumption tolerance  +/-7%  Initi. Color Rendering Index Tolerance	Overall diameter	600 mm
Ingress protection code  Mech. impact protection code  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 %  Product Data  Full product code  871794322839300  Order product name  BPP611 2950/NW PSU WRN CLO 60P L20  Order code  Numerator - Quantity Per Pack  Numerator - Packs per outer box  1  Material Nr. (12NC)  Full product name  BPP611 2950/NW PSU WRN CLO 60P L20  EAN/UPC - Case  8717943228393	Effective projected area	0.065 m²
Ingress protection code  Mech. impact protection code  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 %  Product Data  Full product code  871794322839300  Order product name  BPP611 2950/NW PSU WRN CLO 60P L20  Order code  Numerator - Quantity Per Pack  Numerator - Packs per outer box  1  Material Nr. (12NC)  Full product name  BPP611 2950/NW PSU WRN CLO 60P L20  EAN/UPC - Case  8717943228393		
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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 %  Product Data  Full product code 871794322839300  Order product name BPP611 2950/NW PSU WRN CLO 60P L20  Order code 912300025967  Numerator - Quantity Per Pack 1  Numerator - Packs per outer box 1  Material Nr. (12NC) 912300025967  Full product name BPP611 2950/NW PSU WRN CLO 60P L20  EAN/UPC - Case 8717943228393		differential mode and 6 kV common mode
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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 %  Product Data  Full product code 871794322839300  Order product name BPP611 2950/NW PSU WRN CLO 60P L20  Order code 912300025967  Numerator - Quantity Per Pack 1  Numerator - Packs per outer box 1  Material Nr. (12NC) 912300025967  Full product name BPP611 2950/NW PSU WRN CLO 60P L20  EAN/UPC - Case 8717943228393		
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<b>EAN/UPC - Case</b> 8717943228393	Material Nr. (12NC)	912300025967
·	Full product name	BPP611 2950/NW PSU WRN CLO 60P L20
EAN/IDC - Product/Case 87179/3228393	EAN/UPC - Case	8717943228393
EARLY OF C - Floridity Case 67/7543226355	EAN/UPC - Product/Case	8717943228393

data subject to change

#### Dimensional drawing





#### Stela+ gen2 Round



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