



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 | | 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 | 2,655 lumen | | |
| Standard tilt angle posttop | 0° | | |
| 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° | | |

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 type 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 60 mm |
| Optical cover shape | Curved |
| Optical cover finish | Clear |

| | |
|--------------------------|----------|
| Overall height | 195 mm |
| Overall diameter | 600 mm |
| Effective projected area | 0.065 m² |

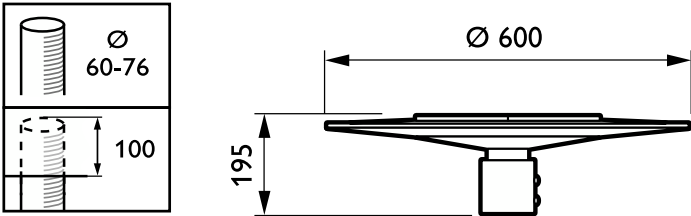
| | |
|--|--|
| Approval and Application | |
| Ingress protection code | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK10 [20 J vandal-resistant] |
| Surge Protection (Common/Differential) | Luminaire surge protection level until 6 kV differential mode and 6 kV common 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 - 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 |
| EAN/UPC - Product/Case | 8717943228393 |

Dimensional drawing



Stela+ gen2 Round

