Stela+ gen2 Round

BPP611 GRN15/NW PSD WRN GR D9 SRG10 76-6

STELA-ROUND AREA GEN2, LED GreenLine 1500 lm, LED, Neutral white, Power supply unit with DALI interface, 220 to 240 V, 50 to 60 Hz, Safety class I, Wide road optic for S-class, Polymethyl methacrylate bowl/cover, Grey, Single layer powder coating, Luminaire surge protection level until 10 kV differential mode and 10 kV common mode, Spigot for diameter 76 to 62 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 CO_2 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	GRN15 [LED GreenLine 1500 lm]
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	-

CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	-
EU RoHS compliant	Yes

Light Technical

Upward light output ratio	0
Luminous Flux	1,500 lumen

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Standard tilt angle posttop	0°
Standard tilt angle side entry	–
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	107 lm/W
Color rendering index (CRI)	≥70
Light source color	Neutral white
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	154° x 118°
Optic type outdoor	Wide road optic for S-class

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	65 A
Inrush time	100 ms
Power Consumption	14 W
Power Factor (Fraction)	0.9
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 ℃

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	–
Optic material	Acrylate
Optical cover material	Polymethyl methacrylate
Fixation material	Aluminum
Housing Color	Grey
Mounting device	Spigot for diameter 76 to 62 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 10 kV differential mode and 10 kV common mode
Protection class IEC	Safety class I

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 %

Application Conditions

Maximum dim level	25%

Product Data

Full product code	871794325378400
Order product name	BPP611 GRN15/NW PSD WRN GR D9 SRG10 76-6
Order code	912300026525
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	1
Material Nr. (12NC)	912300026525
Full product name	BPP611 GRN15/NW PSD WRN GR D9 SRG10 76-6
EAN/UPC – Case	8717943253784
EAN/UPC – Product/Case	8717943253784

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Dimensional drawing

Ø 60-76

100

Ø 600

195

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2023, September 4 – data subject to change