



Stela+ gen2 Round

BPP610 GRN69/NW PSD WRN GR D9 SRG10 76-6

STELA ROUND GEN2, 48, LED GreenLine 6900 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 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		Warranty period	
Lamp family code	GRN69 [LED GreenLine 6900 lm]	Flammability mark	-
Light source replaceable	No	ENEC mark	-
Number of gear units	1 unit	EU RoHS compliant	Yes
Driver included	Yes	Light Technical	
Light source engine type	LED	Upward light output ratio	0
Product family code	BPP610 [STELA ROUND GEN2]	Luminous Flux	6,900 lm
Lighting Technology	LED	Standard tilt angle posttop	0°
Embedded control	-	Standard tilt angle side entry	-
CE mark	Yes		

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Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	123 lm/W
Color rendering index (CRI)	≥70
Number of light sources	48
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	80 A
Inrush time	150 ms
Power Consumption	56 W
Power Factor (Fraction)	0.93
Connection	Screw connection with plug and socket
Cable	-
Number of products on MCB of 16 A type B 1	

Temperature

Ambient temperature range	-20 to +35 °C
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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 %
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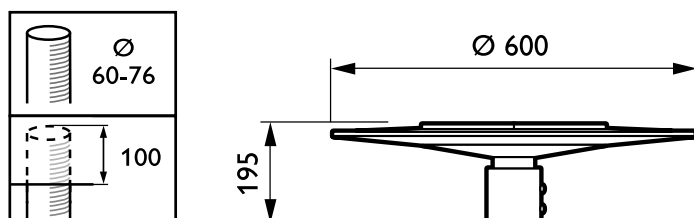
Application Conditions

Maximum dim level	25%
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Product Data

Order product name	BPP610 GRN69/NW PSD WRN GR D9 SRG10 76-6
Full product name	BPP610 GRN69/NW PSD WRN GR D9 SRG10 76-6
Full product code	871794325377700
Order code	912300026524
Material Nr. (12NC)	912300026524
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8717943253777
Numerator - Packs per outer box	1
EAN/UPC - Case	8717943253777

Dimensional drawing



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