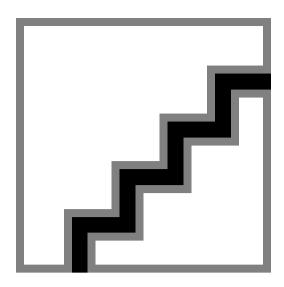
PHILIPS Lighting



Stela+ gen2 Round

BPP611 GRN69/NW PSD WRN GR D9 SRG10 76-6

STELA-ROUND AREA GEN2, 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	
Lamp family code	GRN69 [LED GreenLine 6900 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	_
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	6,900 lumen

Stela+ gen2 Round

Standard tilt angle posttop	0°
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	123 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 E	lectrical
operating	and L	

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 pug and socket	
Cable	-	
Number of products on MCB of 16 A type B 1		

_			
Tem	ner	atu	re
	PC:	acu	

Ambient temperature range

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

-20 to +35 °C

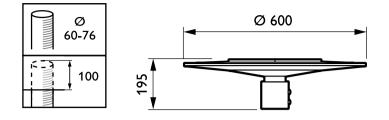
Mec	hanica	and	Housing	

-	
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 Compli Driver failure rate at 5000 h	0.5 %	
	0.5 /6	
Application Conditions		
Maximum dim level	25%	
Product Data		
Full product code	871794325379100	
Order product name	BPP611 GRN69/NW PSD WRN GR D9 SRG10	
	76-6	
Order code	912300026526	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	1	
Material Nr. (12NC)	912300026526	
Full product name	BPP611 GRN69/NW PSD WRN GR D9 SRG10	
	76-6	
EAN/UPC - Case	8717943253791	
EAN/UPC - Product/Case	8717943253791	

Stela+ gen2 Round

Dimensional drawing





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