

Stela+ gen2 Long, Square & Wide



BPP614 2250/NW PSU SRN CLO 60P L20

BPP614 - 2250 lm - Power supply unit - Standard road optic for S-class - Constant light output - Post-top for diameter 60 mm

In 2008 the arrival of the Stela family heralded a revolution in street lighting. In Stela+ gen2 we are now presenting the next generation of LEDs and introducing programmable drivers. 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. Higher flux per LED, flux tuning (using L-Tune) and the option of employing Constant Light Output (CLO) make it possible either to reduce the number of LEDs needed (lower cost per light point) or, when using the same number of LEDs as before, to reduce the power consumption (lower Total Cost of Ownership).

Product data

• General information

Product family code	BPP614 [BPP614]
Number of light sources	18 [18 pcs]
Lamp family code	XP-G2 [LED XP-G2]
Light source color	NW [Neutral white]
Light source replaceable	false [No]
Number of gear units	1 [1 unit]
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	true [Yes]
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]
Optic type	SRN [Standard road optic for S-class]
Optical cover/lens type	PM [PMMA bowl/cover]
Color	GR [Gray]
Color choice	GR-900 [Gray Gris 900 Sablé]
Coating	No [-]
Embedded control	CLO [Constant light output]
Dimmable	No [No]
Light regulation	No [-]
Connection	SI-PS [Screw connection with pug and socket]
CE mark	CE [CE mark]
Finish	MAT [Matte]
Luminaire fixation bolts	L20 [Length 20 mm]
Constant light output	Yes [Yes]

• Light technical

Standard tilt angle posttop	0 [0°]
Standard tilt angle side entry	0 [0°]
Light source flux	2250 [2250 lm]
Luminous flux tolerance	+/-5% [+/-5%]
Upward light output ratio	0.5 -

• Electrical

Initial CLO power consumption	17 W
Average CLO power consumption	17 W
End CLO power consumption	17 W
Power consumption tolerance	+/-5% [+/-5%]
Power factor	0.89 -
Input voltage	220-240 V [220 to 240 V]
Input frequency	50-60 Hz [50 to 60 Hz]

• Mechanical

Mounting device	60P [Post-top for diameter 60 mm]
Housing material	ALU [Aluminum]
Optic material	PMMA [Polymethyl methacrylate]



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Optical cover/lens material PMMA [Polymethyl methacrylate]
Optical cover/lens finish CL [Clear]

Ambient temperature range -20 to +35°C [-20 to +35 °C]

• Initial perform. (IEC compliant)

Initial input power 17 W [17 W]
Initial luminous flux 2025 Lm
Initial LED luminaire efficacy 119 Lm/W
Init. Corr. Color Temperature 4000 [4000 K]
Init. Color Rendering Index 75 [75]
Initial chromaticity (0.38, 0.38) SDCM <7

• Over time perform. (IEC compliant)

Useful life L80B10 100000 hr

• Application conditions

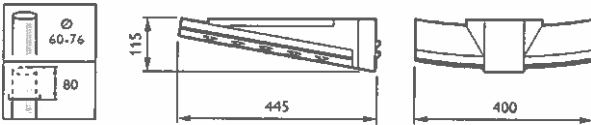
Average ambient temperature T25 [+25 °C]

• Product Data

Order code 912300025928
Full product code 912300025928
Full product name BPP614 2250/NW PSU SRN CLO 60P L20
Order product name BPP614 2250/NW PSU SRN CLO 60P L20
Pieces per pack 0
Packs per outerbox 1
Bar code on outerbox - EAN3 8717943228522
Logistic code(s) - 12NC 912300025928
Net weight per piece 5.300 kg



Dimensional drawing



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data subject to change