



StreetSaver gen2

BPP008 LED-MP 830 PSU I GR 60P

LED module 2300 lm - Neutral white - Power supply unit - Safety class I - Aluminum and gray - Post-top for diameter 60 mm

In order to comply with EU regulations passed in 2015, municipalities need to replace all mercury-based lamps with lamps that are mercury-free. However, municipalities often have limited budget to handle these huge replacement operations, especially in this period of economic austerity. At the same time, municipal authorities are facing tremendous pressure to save energy and to reduce light pollution of the night sky (many mercury installations have a transparent bowl, sending light everywhere). StreetSaver is an affordable, high-quality solution that enables municipalities to address all these issues by changing their mercury-based luminaires to LED systems – and importantly, it requires only limited investment.

Product data

General information		Flammability mark	-
Lamp family code	LED23 [LED module 2300 lm]	CE mark	CE mark
Light source color	Neutral white	ENEC mark	-
Light source replaceable	No	Warranty period	3 years
Number of gear units	1 unit	Optic type outdoor	Symmetrical
Driver/power unit/transformer	Power supply unit	Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value.
Driver included	Yes	Constant light output	No
Optical cover/lens type	Acrylate micro-lens optic		
Luminaire light beam spread	-		
Control interface	-		
Connection	-		
Cable	Cable 6.0 m without plug		
Protection class IEC	Safety class I		

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Number of products on MCB of 16 A type B	20
EU RoHS compliant	Yes
Light source engine type	LED
Serviceability class	Class C, luminaire without serviceable parts, not serviceable

Light technical

Upward light output ratio	0
Standard tilt angle posttop	-
Standard tilt angle side entry	0°

Operating and electrical

Input Voltage	220-240 V
Input Frequency	50 to 60 Hz
Inrush current	2.56 A
Inrush time	0.044 ms
Power Factor (Min)	0.95

Controls and dimming

Dimmable	No
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Mechanical and housing

Housing Material	Aluminum die cast
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminum
Mounting device	Post-top for diameter 60 mm
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall height	265 mm
Overall diameter	578 mm
Effective projected area	0.115 m ²
Color	Aluminum and gray

Approval and application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
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Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode

Initial performance (IEC compliant)

Initial luminous flux (system flux)	2300 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	85 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	80
Initial chromaticity	(0.3738, 0.3686) SDCM<3
Initial input power	27 W
Power consumption tolerance	+/-10%

Over time performance (IEC compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L80

Application conditions

Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C

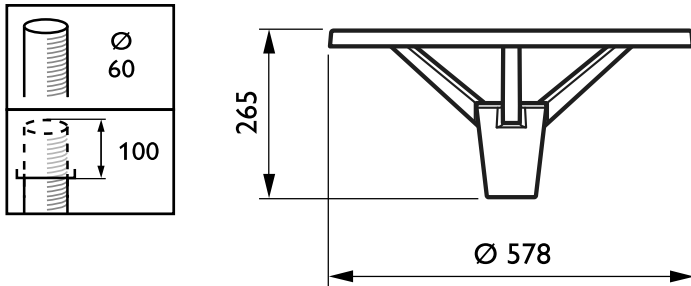
Product data

Full product code	871016331101200
Order product name	BPP008 LED-MP 830 PSU I GR 60P
EAN/UPC - Product	8710163311012
Order code	911401663503
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401663503
Net Weight (Piece)	4.500 kg



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Dimensional drawing



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