



StreetSaver gen2

BPP008 LED-MP 830 PSU I GR 60P

StreetSaver gen2, 2300 lm, 27 W, Neutral white, Symmetrical,
Safety class I, 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			
Lamp family code	LED23 [LED module 2300 lm]	CE mark	CE mark
Light source replaceable	No	Warranty period	3 years
Number of gear units	Unit	Flammability mark	-
Driver included	Yes	ENEC mark	-
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.	EU RoHS compliant	Yes
Light source engine type	LED	Light Technical	
Value ladder	Value	Upwards light output ratio	0
		Luminous Flux	2,300 lm
		Standard tilt angle post-top	-
		Standard tilt angle side entry	0°
		Correlated Colour Temperature	3000 K
		Luminous efficacy (rated) (nom.)	85 lm/W
		Colour rendering index (CRI)	80

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Light source colour	Neutral white
Optical cover type	Acrylate micro-lens optic
Luminaire light beam spread	-
Optic type outdoor	Symmetrical

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	2.56 A
Inrush time	0.044 ms
Power Consumption	27 W
Power Factor (Fraction)	0.95
Connection	-
Cable	Cable 6.0 m without plug
Number of products on MCB of 16 A type B	20

Temperature

Ambient temperature range	-40 to +50 °C
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No

Mechanical and Housing

Housing material	Aluminium die cast
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminium
Housing Colour	Aluminium and grey
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 m²

Approval and Application

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

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.3738, 0.3686) SDCM<3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L80

Application Conditions

Performance ambient temperature Tq	25 °C
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Product Data

Order product name	BPP008 LED-MP 830 PSU I GR 60P
Full product name	BPP008 LED-MP 830 PSU I GR 60P
Full EOC	871016331101200
Order code	31101200
Material no. (12 NC)	911401663503
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8710163311012
Numerator – packs per outer box	1
EAN/UPC – Case	8710163311012

Dimensional drawing



