PHILIPS

Lighting

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]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Value ladder	Value
Serviceability class	Class C, luminaire without serviceable parts, not serviceable
Warranty period	3 years

Light Technical	
Upward light output ratio	0
Luminous Flux	2,300 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	85 lm/W
Color rendering index (CRI)	80
Light source color	Neutral white
Luminaire light beam spread	-
Optic type outdoor	Symmetrical
Effective projected area	0.115 m²

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

StreetSaver gen2

Power Factor (Fraction)	0.95
Connection	-
Cable	Cable 6.0 m without plug
Number of products on MCB of 16 A type B	20
Protection class IEC	Safety class I
Surge Protection (Common/Differential)	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode

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	Aluminum die cast
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	Aluminum and gray
Mounting device	Post-top for diameter 60 mm
Optical cover shape	Flat
Optical cover finish	Clear
Overall height	265 mm
Overall diameter	578 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Standard tilt angle posttop	-
Standard tilt angle side entry	0°
Optical cover type	Acrylate micro-lens optic
Net Weight (Piece)	4.500 kg

Approval and Application

Flammability mark	-
CE mark	Yes
ENEC mark	-
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
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.
Ambient temperature range	-40 to +50 °C

Initial Performance (IEC Compliant)

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

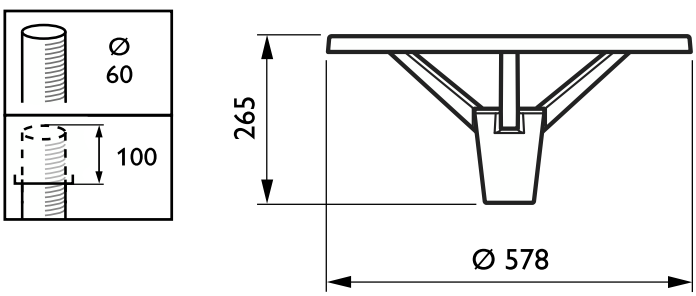
Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L80

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 product code	871016331101200
Order code	911401663503
Material Nr. (12NC)	911401663503
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163311012
Numerator - Packs per outer box	1
EAN/UPC - Case	8710163311012

Dimensional drawing



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2025, March 3 - data subject to change