



# StreetSaver gen2

## BPP008 LED-MP 830 PSU I GR 60P

- LED23 | LED module 2300 lm - Neutral white - Power supply unit (ON/OFF) - 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
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.
Light source engine type	LED
Value ladder	Value

Light Technical	
Upward light output ratio	0
Luminous Flux	2,300 lumen
Standard tilt angle posttop	-
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	85 lm/W
Color rendering index (CRI)	80
Light source color	Neutral white
Optical cover/lens type	Acrylate micro-lens optic
Luminaire light beam spread	-
Optic type outdoor	Symmetrical

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## Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	27 W
Inrush current	2.56 A
Inrush time	0.044 ms
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	Aluminum die cast
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminum
Housing Color	Aluminum and gray
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 <sup>2</sup>

## 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
Protection class IEC	Safety class I
Flammability mark	-
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
EU RoHS compliant	Yes

## 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)

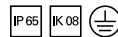
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L80

## Application Conditions

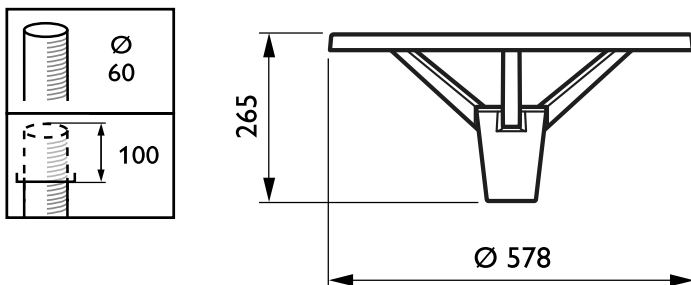
Performance ambient temperature Tq	25 °C
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## Product Data

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 number (12NC)	911401663503
Full product name	BPP008 LED-MP 830 PSU I GR 60P
EAN/UPC - Case	8710163311012



## Dimensional drawing



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