PHILIPS Lighting



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	
Lamp family code	LED23 [LED module 2300 lm]
Light source color	Neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
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

Flammability mark	-
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
Optic type outdoor	Symmetrical
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.
Constant light output	No

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Number of products on MCB of 16 A	type B 20	Mech. impact protection code
EU RoHS compliant	Yes	Surge Protection (Common/Differential)
Light source engine type	LED	
Serviceability class	Class C, luminaire without serviceable parts,	
	not serviceable	Initial performance (IEC compliant)
		Initial luminous flux (system flux)
Light technical		Luminous flux tolerance
Upward light output ratio	0	Initial LED luminaire efficacy
Standard tilt angle posttop	-	Init. Corr. Color Temperature
Standard tilt angle side entry	O°	Init. Color Rendering Index
		Initial chromaticity
Operating and electrical		Initial input power
Input Voltage	220-240 V	Power consumption tolerance
Input Frequency	50 to 60 Hz	
Inrush current	2.56 A	Over time performance (IEC complia
Inrush time	0.044 ms	Control gear failure rate at median useful
Power Factor (Min)	0.95	life 50000 h
		Lumen maintenance at median useful life*
Controls and dimming		50000 h
Dimmable	No	
		Application conditions
Mechanical and housing		Ambient temperature range
Housing Material	Aluminum die cast	Performance ambient temperature Tq
Reflector material	-	
Optic material	Polycarbonate	Product data
Optical cover/lens material	Polycarbonate	Full product code
Fixation material	Aluminum	Order product name
Mounting device	Post-top for diameter 60 mm	EAN/UPC - Product
Optical cover/lens shape	Flat	Order code
Optical cover/lens finish	Clear	Numerator - Quantity Per Pack
Overall height	265 mm	Numerator - Packs per outer box
Overall diameter	578 mm	Material Nr. (12NC)
Effective projected area	0.115 m²	Net Weight (Piece)
Color	Aluminum and gray	
Approval and application		
Ingress protection code	IP65 [Dust penetration-protected, jet-	
	proof	

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	differential mode and 4 kV common mod
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 complia	nt)
Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful life*	L80
50000 h	
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

IK08 [5 J vandal-protected]

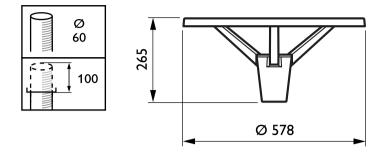
Luminaire surge protection level until 4 kV

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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