

SmartBright LED Floodlight Max

BVP233 LED600/CW PSU 500W 120-277V SWB

SmartBright LED Floodlight Max, 60000 lm, 500 W, 865 cool daylight, 110°, Safety class I, Mounting bracket adjustable

The Smartbright high wattage Floodlighting is a basic and easy to use floodlight with a focused wattage option (300,400,500W), which offers an ideal solution for various outdoor applications such as car park , general outdoor areas, parks and playgrounds etc. The luminaire is easy to install thanks to its U-shaped universal mounting bracket. In addition, the luminaire is designed under global-recognized performance and safety criteria, which delivers outstanding user experience for customers.

Product data

General Information	
Number of gear units	2 units
Gear	EB [Electronic]
Driver included	Yes
Light source engine type	LED

Light Technical	
Luminous Flux	60,000 lm
Luminous Efficacy (rated) (Nom)	120 lm/W
Correlated Color Temperature (Nom)	6500 K
Color rendering index (CRI)	80
Number of light sources	1
Beam angle of light source	110 degree(s)
Light source color	865 cool daylight

Optic type	Symmetric 110°
Optical cover type	Tempered glass
Luminaire light beam spread	110°

Operating and Electrical	
Input Voltage	120 to 277 V
Line Frequency	50 or 60 Hz
Inrush current	140 A
Inrush time	0.05 ms
Power Consumption	500 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	Cable 1.0 m without plug 3-pole

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Number of products on MCB of 16 A type B	2

Temperature

Ambient temperature range	-25 °C to 50 °C

Controls and Dimming

Dimmable	-
Control interface	-

Mechanical and Housing

Housing Material	Aluminum die-cast
Reflector material	Polycarbonate
Optic material	Glass
Optical cover material	Tempered glass
Housing Color	Black
Mounting device	Mounting bracket adjustable
Optical cover finish	Clear
Overall length	692 mm
Overall width	491 mm
Overall height	52 mm
Effective projected area	0.270 m²
Dimensions (Height x Width x Depth)	52 x 491 x 692 mm

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [6 J]
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	-
ENEC mark	-

Warranty period	3 years
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes

Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.313,0.337) SDCM≤5
Power consumption tolerance	+/-10%

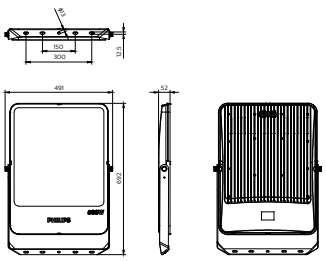
Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	No

Product Data

Order product name	BVP233 LED600/CW PSU 500W 120-277V SWB
Full product name	BVP233 LED600/CW PSU 500W 120-277V SWB
Full product code	872016976231299
Order code	911401831387
Material Nr. (12NC)	911401831387
Numerator - Quantity Per Pack	1
Net Weight (Piece)	10.000 kg
EAN/UPC - Product/Case	8720169762312
Numerator - Packs per outer box	2
EAN/UPC - Case	8720169762367

Dimensional drawing



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2024, September 16 - data subject to change