



SmartBright LED Floodlight Max

BVP232 LED480/CW PSU 400W 120-277V SWB

SmartBright LED Floodlight Max, 48000 lm, 400 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

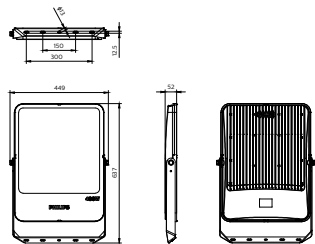
General Information		Optic type	
Number of gear units	2 units	Optical cover type	Symmetric 110°
Gear	EB [Electronic]	Luminaire light beam spread	Tempered glass
Driver included	Yes		110°
Light source engine type	LED	Operating and Electrical	
Light Technical		Input Voltage	120 to 277 V
Luminous Flux	48,000 lm	Line Frequency	50 or 60 Hz
Luminous Efficacy (rated) (Nom)	120 lm/W	Inrush current	130 A
Correlated Color Temperature (Nom)	6500 K	Inrush time	0.05 ms
Color rendering index (CRI)	80	Power Consumption	400 W
Number of light sources	1	Power Factor (Fraction)	0.9
Beam angle of light source	110 degree(s)	Connection	Flying leads/wires
Light source color	865 cool daylight	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	637 mm
Overall width	449 mm
Overall height	52 mm
Effective projected area	0.221 m²
Dimensions (Height x Width x Depth)	52 x 449 x 637 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	BVP232 LED480/CW PSU 400W 120-277V SWB
Full product name	BVP232 LED480/CW PSU 400W 120-277V SWB
Full product code	872016976230599
Order code	911401831287
Material Nr. (12NC)	911401831287
Numerator - Quantity Per Pack	1
Net Weight (Piece)	8.500 kg
EAN/UPC - Product/Case	8720169762305
Numerator - Packs per outer box	2
EAN/UPC - Case	8720169762350

Dimensional drawing



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