



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	Symmetric 110°	
Gear	EB [Electronic]	Optical cover type	
Driver included	Yes	Tempered glass	
Light source engine type	LED	Luminaire light beam spread	
Light Technical		110°	
Luminous Flux	48,000 lm	Operating and Electrical	
Luminous Efficacy (rated) (Nom)	120 lm/W	Input Voltage	
Correlated Color Temperature (Nom)	6500 K	120 to 277 V	
Color rendering index (CRI)	80	Line Frequency	
Number of light sources	1	50 or 60 Hz	
Beam angle of light source	110 degree(s)	Inrush current	
Light source color	865 cool daylight	130 A	
		Inrush time	
		0.05 ms	
		Power Consumption	
		400 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	637 mm
Overall width	449 mm
Overall height	52 mm
Effective projected area	0.221 m ²
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



