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

Number of gear units	2 units
Gear	EB [Electronic]
Driver included	Yes
Light source engine type	LED
Warranty period	3 years

Light Technical

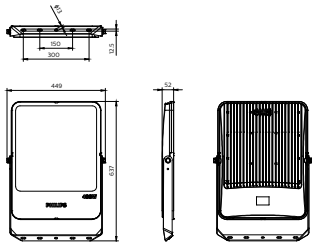|	
Luminous Flux	48,000 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	80
Number of light sources	1
Beam angle of light source	110 degree(s)

Light source color	865 cool daylight
Optic type	Symmetric 110º
Luminaire light beam spread	110°
Effective projected area	0.221 m²

Operating and Electrical

Input Voltage	120 to 277 V
Line Frequency	50 or 60 Hz
Inrush current	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

data subject to change

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Number of products on MCB of 16 A type B	2
Suitable for random switching	No
Protection class IEC	Safety class I

Controls and Dimming

Dimmable	–
Control interface	–
Maximum dim level	Not applicable

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
Dimensions (Height x Width x Depth)	52 x 449 x 637 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [6 J]
Optical cover type	Tempered glass
Net Weight (Piece)	8.500 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces

CE mark	No
ENEC mark	–
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	–25 °C to 50 °C

Initial Performance (IEC Compliant)

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

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
EAN/UPC – Product/Case	8720169762305
Numerator – Packs per outer box	2
EAN/UPC – Case	8720169762350

Dimensional drawing

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