

# SmartBright LED Floodlight Max

## BVP231 LED360/CW PSU 300W 120-277V SWB

SmartBright LED Floodlight Max, 36000 lm, 300 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	36,000 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	120 A
Inrush time	0.05 ms
Power Consumption	300 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	Cable 1.0 m without plug 3-pole

# SmartBright LED Floodlight Max

Number of products on MCB of 16 A type B 3	
<b>Temperature</b>	
Ambient temperature range	-25 °C to 50 °C
<b>Controls and Dimming</b>	
Dimmable	-
Control interface	-
<b>Mechanical and Housing</b>	
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	556 mm
Overall width	384 mm
Overall height	52 mm
Effective projected area	0.164 m <sup>2</sup>
Dimensions (Height x Width x Depth)	52 x 384 x 556 mm
<b>Approval and Application</b>	
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%

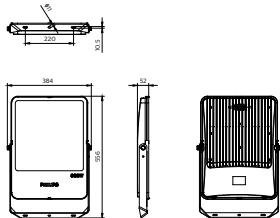
## Application Conditions

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

## Product Data

Order product name	BVP231 LED360/CW PSU 300W 120-277V SWB
Full product name	BVP231 LED360/CW PSU 300W 120-277V SWB
Full product code	872016976229999
Order code	911401831187
Material Nr. (12NC)	911401831187
Numerator - Quantity Per Pack	1
Net Weight (Piece)	6.200 kg
EAN/UPC - Product/Case	8720169762299
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169762343

## Dimensional drawing



## SmartBright LED Floodlight Max

