SmartBright G2 LED Floodlight

BVP151 LED100/CW 220-240V 100W AWB CE

SmartBright G2 LED Floodlight, 10000 lm, 100 W, 757 cool white, Asymmetrical, Safety class I, Mounting bracket adjustable

SmartBright G2 LED Floodlight delivers high lumen efficacy, with long lifetime and reliable design. Asymmetric optical distribution improves light effect. The product is an ideal solution for most floodlight applications.

Product data

General Information

Light source replaceable	No
Driver included	Yes
Light source engine type	LED
Flammability mark	–
CE mark	CE mark

Light Technical

Luminous Flux	10,000 lm
Standard tilt angle posttop	–
Standard tilt angle side entry	–
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	80
Light source color	757 cool white
Optical cover type	Flat glass
Optic type outdoor	Asymmetrical

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Power Consumption	100 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	Cable 0.6 m without plug

Temperature

Ambient temperature range	–25 to +40 °C

Controls and Dimming

Dimmable	No
Control interface	–

Mechanical and Housing

Housing Material	Aluminum die cast
Optical cover material	Tempered glass

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Housing Color	Dark gray
Mounting device	Mounting bracket adjustable
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	360 mm
Overall width	273 mm
Overall height	58 mm
Dimensions (Height x Width x Depth)	58 x 273 x 360 mm

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%

Product Data

Order product name	BVP151 LED100/CW 220-240V 100W AWB CE
Full product name	BVP151 LED100/CW 220-240V 100W AWB CE
Full product code	871016334358799
Order code	911401816180
Material Nr. (12NC)	911401816180
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8710163343587
Numerator – Packs per outer box	4
EAN/UPC – Case	8710163344942

Dimensional drawing

www.lighting.philips.com

2023, September 29 – data subject to change