SmartBright Floodlight G2 BVP151

BVP151 LED105/WW PSU 100W AWB G2 GM

SmartBright Floodlight G2 BVP151, 10000 lm, 100 W, 830 warm white, Safety class I

The SmartBright G2 LED Floodlight features best-in-class technology to deliver high lumen efficacy with a long lifetime and reliable design. The symmetrical optical distribution improves the light effect. The product is an ideal solution for most floodlight applications.

Product data

General Information

Driver included	Yes
Lighting Technology	LED
Flammability mark	–
CE mark	–

Light Technical

Luminous Flux	10,000 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	>80
Light source color	830 warm white
Optical cover type	Glass

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 or 60 Hz

Inrush current	3.84 A
Power Consumption	100 W
Power Factor (Fraction)	0.95
Connection	Flying leads/wires
Cable	Cable 1.0 m without plug 3-pole
Number of products on MCB of 16 A type B	22

Temperature

Ambient temperature range	–25 to +40 ℃

Controls and Dimming

Dimmable	No
Control interface	–

Mechanical and Housing

Housing Material	Aluminum die-cast
Optical cover material	Tempered glass

data subject to change

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Housing Color	Aluminum and gray
Overall length	282 mm
Overall width	409 mm
Overall height	34.5 mm
Effective projected area	0.077 m²
Dimensions (Height x Width x Depth)	35 x 409 x 282 mm

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.440, 0.403) SDCM <5

Power consumption tolerance	+/-10%

Product Data

Order product name	BVP151 LED105/WW PSU 100W AWB G2 GM
Full product name	BVP151 LED105/WW PSU 100W AWB G2 GM
Full product code	871951454511399
Order code	911401892783
Material Nr. (12NC)	911401892783
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8719514545113
Numerator – Packs per outer box	4
EAN/UPC – Case	8719514545298

Dimensional drawing

BVP151 AWB

www.lighting.philips.com

2023, November 3 – data subject to change