Essential SmartBright G4 LED Floodlight BVP150

BVP150 LED180/WW PSU 200W SWB G2 GM

Essential SmartBright G4 LED Floodlight BVP150 – 18000 lm – 200 W – 3000 K

The Essential SmartBright G4 LED floodlight comes in a compact and sturdy design. Lightweight, with a robust die-cast aluminum housing and corrosion-proof coating, it's suitable for general outdoor applications. Plus, with a higher efficacy than the previous generation, it also saves more energy.
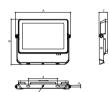
Product data

General Information

Light source color	830 warm white
Driver included	Yes
Optical cover/lens type	Glass
Control interface	–
Connection	Flying leads/wires
Cable	Cable 0.6 m without plug
Protection class IEC	Safety class I
CE mark	–

Operating and Electrical

Input Voltage	220-240 V
Input Frequency	50 or 60 Hz
Inrush current	2.73 A

Power Factor (Min)	0.9

Controls and Dimming

Dimmable	No

Mechanical and Housing

Housing Material	Aluminum die-cast
Optical cover/lens material	Glass
Overall length	452 mm
Overall width	342 mm
Overall height	45 mm
Effective projected area	0.1 m²
Color	Black

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Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	18000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	90 lm/W
Init. Corr. Color Temperature	3000 K
Initial chromaticity	(0.440, 0.403) SDCM <6
Initial input power	200 W
Power consumption tolerance	+/-10%

Application Conditions

Ambient temperature range	-40 to +50 °C

Product Data

Full product code	871951453261899
Order product name	BVP150 LED180/WW PSU 200W SWB G2 GM
EAN/UPC – Product	8719514532618
Order code	911401818283
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	6
Material Nr. (12NC)	911401818283
Net Weight (Piece)	3.300 kg

IP 65 | IK 06

Dimensional drawing

BVP150	10W	20W	30W	50W	70W	100W	150W	200W
A	107	141	188	220	273	320	382	454
B	99	122	155	175	212	246	289	331
C	29	27	28	30	33	37	39	40
a	45	75	100	125	125	160	200	210
b	5	5	6	8.5	8.5	8.5	8.5	10.5
c	5.5	5.5	6.5	9	9	9	9	11

Floodlight surface LED

www.lighting.philips.com

2021, September 6 – data subject to change