Essential SmartBright G4 LED Floodlight BVP150

BVP150 LED90/WW PSU 100W SWB G2 GM

9000 lm – 100 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

Lamp colour code	830 warm white
Driver included	Yes
Optical cover/lens type	G [Glass]
Control interface	–
Connection	Flying leads/wires
Cable	Cord 0.6 m without plug
Protection class IEC	Safety class I (I)
CE mark	–

Operating and electrical

Input Voltage	220-240 V
Input frequency	50 or 60 Hz
Inrush current	1.84 A

Power factor (min.)	0.9

Controls and dimming

Dimmable	No

Mechanical and housing

Housing material	Aluminium die-cast
Optical cover/lens material	Tempered glass
Overall length	324 mm
Overall width	204 mm
Overall height	38 mm
Effective projected area	0.046 m²
Colour	Black
Dimensions (height x width x depth)	38 x 204 x 324 mm

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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)	9000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	90 lm/W
Lamp colour temperature	3000 K
Colour Rendering Index	>80
Initial chromaticity	(0.440, 0.403) SDCM <6
Initial input power	100 W
Power consumption tolerance	+/-10%

Application conditions

Ambient temperature range	–40 to +50 °C

Product data

Full product code	871951453263299
Order product name	BVP150 LED90/WW PSU 100W SWB G2 GM
EAN/UPC – product	8719514532632
Order code	911401816283
SAP numerator – quantity per pack	1
Local code description	BVP150G2WW100
Numerator – packs per outer box	12
SAP material	911401816283
Net Weight (Piece)	1.700 kg

IP 65   IK 06   ⏚

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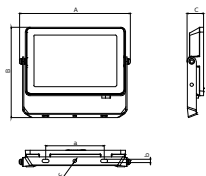
BVP150	10W	20W	30W	50W	70W	100W	150W	200W
A	107	141	188	220	273	320	382	454
B	99	122	155	175	212	246	289	331
C	29	27	28	30	33	37	39	40
a	45	75	100	125	125	160	200	210
b	5	5	6	8.5	8.5	8.5	8.5	10.5
c	5.5	5.5	6.5	9	9	9	9	11

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