



Essential SmartBright G4 LED Floodlight BVP150

BVP150 LED90/WW PSU 100W SWB G2 GM

Essential SmartBright G4 LED Floodlight BVP150 – 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		Power Factor (Min)	
Light source color	830 warm white	0.9	
Driver included	Yes	Controls and dimming	
Optical cover/lens type	Glass	Dimmable	No
Control interface	-	Mechanical and housing	
Connection	Flying leads/wires	Housing Material	Aluminum die-cast
Cable	Cable 0.6 m without plug	Optical cover/lens material	Tempered glass
Protection class IEC	Safety class I	Overall length	324 mm
CE mark	-	Overall width	204 mm
Operating and electrical		Overall height	38 mm
Input Voltage	220–240 V	Effective projected area	0.046 m²
Input Frequency	50 or 60 Hz	Color	Black
Inrush current	1.84 A		

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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)

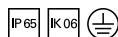
Initial luminous flux (system flux)	9000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	90 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.440, 0.403) SDCM <6
Initial input power	100 W
Power consumption tolerance	+/-10%

Application conditions

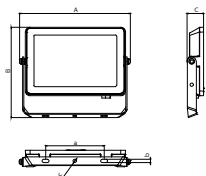
Ambient temperature range	-40 to +50 °C
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Product data

Full product code	871951453263299
Order product name	BVP150 LED90/WW PSU 100W SWB G2 GM
EAN/UPC - Product	8719514532632
Order code	911401816283
Numerator - Quantity Per Pack	1
Local code description	BVP150G2WW100
Numerator - Packs per outer box	12
Material Nr. (12NC)	911401816283
Net Weight (Piece)	1.700 kg



Dimensional drawing



	10W	20W	30W	50W	70W	100W	150W	200W
A	107	141	188	220	273	320	382	454
B	99	122	155	175	202	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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