PHILIPS

Lighting

SmartBright G2 LED Floodlight

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

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	
Lamp colour code	757 cool white
Light source replaceable	No
Driver included	Yes
Optical cover/lens type	FG [Flat glass]
Control interface	-
Connection	Flying leads/wires
Cable	Cord 0.6 m without plug
Protection class IEC	Safety class I (I)
Flammability mark	NO [-]
CE mark	CE mark
Outdoor optic type	Asymmetrical
LED engine type	LED
Serviceability class	Class C, luminaire without serviceable parts, not serviceable

Light Technical	
Standard tilt angle post-top	-
Standard tilt angle side entry	-

Operating and Electrical	
Input voltage	220-240 V
Input frequency	50 or 60 Hz
Power factor (min.)	0.9

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Housing material	Aluminum die–cast
Optical cover/lens material	Tempered glass
Mounting device	MBA [Mounting bracket adjustable]
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	360 mm
Overall width	273 mm
Overall height	58 mm
Colour	Dark Grey

Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]

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Mech. impact protection code	IK08 [5 J vandal-protected]
Surge protection (common/differential)	Luminaire surge protection level up to 4 kV differential mode and 4 kV common mode

Initial Performance (IEC Compliant)

Initial luminous flux	10000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	100 lm/W
Lamp colour temperature	5700 K
Colour Rendering Index	80
Initial input power	100 W
Power consumption tolerance	+/-10%

Application Conditions

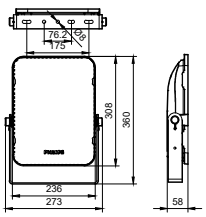
Ambient temperature range	-25 to +40 °C

Product Data

Full product code	871016334358799
Order product name	BVP151 LED100/CW 220-240V 100W AWB CE
EAN/UPC – product	8710163343587
Order code	911401816180
Numerator – quantity per pack	1
Numerator – packs per outer box	4
Material no. (12NC)	911401816180
Net weight (piece)	3.180 kg

IP65 IK08

Dimensional drawing



BVP151 LED Underwater

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