

PHILIPS

Lighting



SmartBright G2 LED Floodlight

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

10000 lm - 100 W - 5700 K

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		Standard tilt angle side entry	
Lamp colour code	757 cool white		-
Light source replaceable	No	Operating and Electrical	
Driver included	Yes	Input Voltage	220-240 V
Optical cover/lens type	FG [Flat glass]	Input frequency	50 or 60 Hz
Control interface	-	Power factor (min.)	0.9
Connection	Flying leads/wires	Controls and Dimming	
Cable	Cord 0.6 m without plug	Dimmable	No
Protection class IEC	Safety class I (I)	Mechanical and Housing	
Flammability mark	NO [-]	Housing material	Aluminum die-cast
CE mark	CE mark	Optical cover/lens material	Tempered glass
Optic type outdoor	Asymmetrical	Mounting device	MBA [Mounting bracket adjustable]
Light source engine type	LED	Optical cover/lens shape	Flat
Serviceability class	Class C, luminaire without serviceable parts, not serviceable	Optical cover/lens finish	Clear
		Overall length	360 mm
		Overall width	273 mm
		Overall height	58 mm
Light Technical			
Standard tilt angle post-top	-		

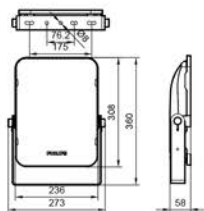
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Colour	Dark Grey
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge protection (common/differential)	Luminaire surge protection level up to 4 kV differential mode and 4 kV common mode
Initial Performance (IEC Compliant)	
Initial luminous flux (system 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
SAP numerator – quantity per pack	1
Numerator – packs per outer box	4
SAP material	911401816180
SAP net weight (piece)	3.180 kg



Dimensional drawing



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