



# SmartBright G2 LED Floodlight

## BVP151 LED100/NW 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		Operating and Electrical	
Lamp colour code	740 neutral white	Input voltage	220-240 V
Light source replaceable	No	Input frequency	50 or 60 Hz
Driver included	Yes	Power factor (min.)	0.9
Optical cover/lens type	FG [ Flat glass]	<b>Controls and Dimming</b>	
Control interface	-	Dimmable	No
Connection	Flying leads/wires	<b>Mechanical and Housing</b>	
Cable	Cord 0.6 m without plug	Housing material	Aluminum die-cast
Protection class IEC	Safety class I (I)	Optical cover/lens material	Tempered glass
Flammability mark	NO [ -]	Mounting device	MBA [ Mounting bracket adjustable]
CE mark	CE mark	Optical cover/lens shape	Flat
Outdoor optic type	Asymmetrical	Optical cover/lens finish	Clear
LED engine type	LED	Overall length	360 mm
Serviceability class	Class C, luminaire without serviceable parts, not serviceable	Overall width	273 mm
<b>Light Technical</b>		Overall height	58 mm
Standard tilt angle post-top	-	Colour	Dark Grey
Standard tilt angle side entry	-	<b>Approval and Application</b>	
		Ingress protection code	IP65 [ Dust penetration-protected, jet-proof]

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

## Initial Performance (IEC Compliant)

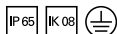
<b>Initial luminous flux</b>	10000 lm
<b>Luminous flux tolerance</b>	+/-10%
<b>Initial LED luminaire efficacy</b>	100 lm/W
<b>Lamp colour temperature</b>	4000 K
<b>Colour Rendering Index</b>	80
<b>Initial input power</b>	100 W
<b>Power consumption tolerance</b>	+/-10%

## Application Conditions

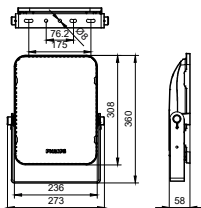
<b>Ambient temperature range</b>	-25 to +40 °C
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## Product Data

<b>Full product code</b>	871016334357099
<b>Order product name</b>	BVP151 LED100/NW 220-240V 100W AWB CE
<b>EAN/UPC – product</b>	8710163343570
<b>Order code</b>	911401816080
<b>Numerator – quantity per pack</b>	1
<b>Numerator – packs per outer box</b>	4
<b>Material no. (12NC)</b>	911401816080
<b>Net weight (piece)</b>	3.180 kg



## Dimensional drawing



## BVP151 LED Underwater

