# **PHILIPS** Lighting



## SmartBright Floodlight G2 BVP151

### BVP151 LED105/CW PSU 100W AWB G2 GM

SmartBright Floodlight G2 BVP151 - 10500 lm - 100 W - 6500 K

The SmartBright G2 LED Floodlight features best-in-class technology to deliver high lumen efficacy with a long lifetime and reliable design. The asymmetrical optical distribution improves the light effect. The product is an ideal solution for most floodlight applications.

#### **Product data**

General information	
Light source color	865 cool daylight
Driver included	Yes
Optical cover/lens type	Glass
Control interface	-
Connection	Flying leads/wires
Cable	Cable 1.0 m without plug 3-pole
Protection class IEC	Safety class I
Flammability mark	-
CE mark	-

#### Operating and electrical

220-240 V
50 or 60 Hz
3.84 A
0.95

Controls and dimming		
Dimmable	No	
Mechanical and housing		
Housing Material	Aluminum die-cast	
Optical cover/lens material	Tempered glass	
Overall length	282 mm	
Overall width	409 mm	
Overall height	34.5 mm	
Effective projected area	0.077 m²	
Color	Aluminum and gray	
Approval and application		
Ingress protection code	IP65 [ Dust penetration-protected, jet-proof]	
Mech. impact protection code	IK08 [ 5 J vandal-protected]	
Initial performance (IEC compliant)		
Initial luminous flux (system flux)	10500 lm	

Datasheet, 2022, July 26

#### SmartBright Floodlight G2 BVP151

Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	105 lm/W
Init. Corr. Color Temperature	6500 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.313, 0.337) SDCM <5
Initial input power	100 W
Power consumption tolerance	+/-10%
Application conditions	
Ambient temperature range	-25 to +40 ℃
Product data	

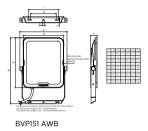
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Order product name	BVP151 LED105/CW PSU 100W AWB G2 GM
EAN/UPC - Product	8719514545090
Order code	911401892983
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	911401892983
Net Weight (Piece)	2.930 kg



Full product code

#### Dimensional drawing



BVP151 LED105/CW PSU 100W AWB G2 GM



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