



# Essential SmartBright G3 LED Floodlight

## BVP150 LED59/WW 220-240V 70W SWB CE

Essential SmartBright G3 LED Floodlight, 5950 lm, 70 W, 830 warm white, Symmetrical wide beam, 110°, Safety class I, Mounting bracket adjustable

The Essential SmartBright G3 LED floodlight comes with a compact and sturdy design. Its light weight with robust die-cast aluminum housing and corrosion-proof coating, suitable for general outdoor application. Higher efficacy than last genenration, achieves more enery savings.

#### **Product data**

General Information	
Light source replaceable	No
Driver included	Yes
Light source engine type	LED
Lighting Technology	LED
CE mark	CE mark
Flammability mark	For mounting on normally flammable
	surfaces
Light Technical	
Luminous Flux	5,950 lm
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	85 lm/W

Color rendering index (CRI)	>80
Light source color	830 warm white
Optical cover type	Glass bowl/cover
Luminaire light beam spread	110°
Optic type outdoor	Symmetrical wide beam
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	1.73 A
Inrush time	0.016 ms
Power Consumption	70 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	Cable 0.5 m without plug

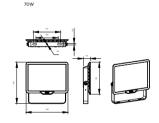
Datasheet, 2023, April 29 data subject to change

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Number of products on MCB of 16 A type	<b>B</b> 30
Temperature	
	40 to 150 °C
Ambient temperature range	-40 to +50 ℃
Controls and Dimming	
Dimmable	No
Control interface	-
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum die cast
Optical cover material	Glass
Fixation material	Steel
Housing Color	Black
Mounting device	Mounting bracket adjustable
Optical cover shape	Flat
Optical cover finish	Textured
Overall length	245 mm
Overall width	185 mm
Overall height	36 mm
Dimensions (Height x Width x Depth)	36 x 185 x 245 mm
Annual and Analization	
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]

Mech. impact protection code	IK06 [1 J]
Surge Protection (Common/Differential)	Surge protection level until 2 kV
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	SDCM<7
Power consumption tolerance	+/-10%
Product Data	
Order product name	BVP150 LED59/WW 220-240V 70W SWB
	CE
Full product name	BVP150 LED59/WW 220-240V 70W SWB
	CE
Full product code	871016333023599
Order code	911401732442
Material Nr. (12NC)	911401732442
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163330235
Numerator - Packs per outer box	8
EAN/UPC - Case	8710163330471

### Dimensional drawing





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