



Essential SmartBright G3 LED Floodlight

BVP150 LED59/CW 220-240V 70W SWB CE

Essential SmartBright G3 LED Floodlight, 5950 lm, 70 W, 865 cool daylight, 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
Flammability mark	For mounting on normally flammable
	surfaces
CE mark	CE mark
Light Technical	
Luminous Flux	5,950 lm
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	85 lm/W

Color rendering index (CRI)	>80
Light source color	865 cool daylight
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

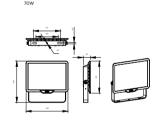
Datasheet, 2023, September 29 data subject to change

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Number of products on MCB of 16 A type B 30		
Number of products of MCB of 10 A type	E B 30	
Temperature		
Ambient temperature range	-40 to +50 °C	
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	

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/CW 220-240V 70W SWB CE
Full product name	BVP150 LED59/CW 220-240V 70W SWB CE
Full product code	871016333025999
Order code	911401732462
Material Nr. (12NC)	911401732462
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163330259
Numerator - Packs per outer box	8
EAN/UPC - Case	8710163330495

Dimensional drawing





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