



# Essential SmartBright G3 LED Floodlight

## BVP150 LED42/NW 220-240V 50W SWB CE

Essential SmartBright G3 LED Floodlight, 4250 lm, 50 W, 840 neutral 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 generation, achieves more energy savings.

### Product data

General Information		Color rendering index (CRI)	
Light source replaceable	No	Light source color	840 neutral white
Driver included	Yes	Optical cover type	Glass bowl/cover
Light source engine type	LED	Luminaire light beam spread	110°
Lighting Technology	LED	Optic type outdoor	Symmetrical wide beam
CE mark	CE mark	Operating and Electrical	
Flammability mark	For mounting on normally flammable surfaces	Input Voltage	220 to 240 V
Light Technical		Line Frequency	50 to 60 Hz
Luminous Flux	4,250 lm	Inrush current	1.11 A
Standard tilt angle posttop	-	Inrush time	0.0132 ms
Standard tilt angle side entry	-	Power Consumption	50 W
Correlated Color Temperature (Nom)	4000 K	Power Factor (Fraction)	0.9
Luminous Efficacy (rated) (Nom)	85 lm/W	Connection	Flying leads/wires
		Cable	Cable 0.3 m without plug

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Number of products on MCB of 16 A type B 44	
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	200 mm
Overall width	145 mm
Overall height	33 mm
Dimensions (Height x Width x Depth)	33 x 145 x 200 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 LED42/NW 220-240V 50W SWB CE
Full product name	BVP150 LED42/NW 220-240V 50W SWB CE
Full product code	871016333021199
Order code	911401732422
Material Nr. (12NC)	911401732422
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163330211
Numerator - Packs per outer box	8
EAN/UPC - Case	8710163330457

## Dimensional drawing

