



# Essential SmartBright G3 LED Floodlight

**BVP150 LED42/CW 220-240V 50W SWB CE**

4250 lm - 50 W - 6500 K

The Essential SmartBright G3 LED floodlight comes with a compact and sturdy design. Its light weight with robust die-cast aluminium housing and corrosion-proof coating is suitable for general outdoor use. More efficient than the last generation, achieves more energy-savings.

## Product data

General Information		Serviceability class	
Lamp colour code	865 cool daylight	Serviceability class	Class C, luminaire without serviceable parts, not serviceable
Light source replaceable	No	<b>Light Technical</b>	
Driver included	Yes	Standard tilt angle post-top	-
Optical cover/lens type	GB [ Glass bowl/cover]	Standard tilt angle side entry	-
Luminaire light beam spread	110°	<b>Operating and Electrical</b>	
Control interface	-	Input Voltage	220 to 240 V
Connection	Flying leads/wires	Input frequency	50 to 60 Hz
Cable	Cable 0.3 m without plug	Inrush current	1.11 A
Protection class IEC	Safety class I (I)	Inrush time	0.0132 ms
Flammability mark	F [ For mounting on normally flammable surfaces]	Power factor (min.)	0.9
CE mark	CE mark	<b>Controls and Dimming</b>	
Optic type outdoor	Symmetrical wide beam	Dimmable	No
Constant light output	No		
Number of products on MCB (16 A type B)	44		
Light source engine type	LED		

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## Mechanical and Housing

Housing material	Aluminum die-cast
Optical cover/lens material	Glass
Fixation material	Steel
Mounting device	MBA [ Mounting bracket adjustable]
Optical cover/lens shape	Flat
Optical cover/lens finish	Textured
Overall length	200 mm
Overall width	145 mm
Overall height	33 mm
Colour	Black

## 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 up to 2 kV

## Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	4250 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	85 lm/W

Lamp colour temperature	6500 K
Colour Rendering Index	>80
Initial chromaticity	SDCM<7
Initial input power	50 W
Power consumption tolerance	+/-10%

## Application Conditions

Ambient temperature range	-40 to +50 °C
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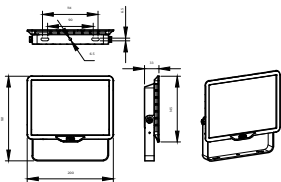
## Product Data

Full product code	871016333022899
Order product name	BVP150 LED42/CW 220-240V 50W SWB CE
EAN/UPC – product	8710163330228
Order code	911401732432
SAP numerator – quantity per pack	1
Numerator – packs per outer box	8
SAP material	911401732432
SAP net weight (piece)	0.650 kg



## Dimensional drawing

50W



## BVP150/161 Essential Smartbright LED

