



# Essential SmartBright G3 LED Floodlight

## BVP150 LED17/CW 220-240V 20W SWB CE

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	
Lamp colour code	865 cool daylight
Light source replaceable	No
Driver included	Yes
Optical cover/lens type	Glass bowl/cover
Luminaire light beam spread	110°
Control interface	-
Connection	Flying leads/cables
Cable	Cable 0.3 m without plug
Protection class IEC	Safety class I
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
Optic type outdoor	Symmetrical wide beam
Constant light output	No
Number of products on MCB (16 A type B)	112
LED engine type	LED
Serviceability class	Class C, luminaire without serviceable parts, not serviceable

Light Technical	
Standard tilt angle post-top	-
Standard tilt angle side entry	-
Operating and Electrical	
Input Voltage	220 to 240 V
Input frequency	50 to 60 Hz
Inrush current	0.778 A
Inrush time	0.0083 ms
Power factor (min.)	0.9
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing material	Aluminium die-cast
Optical cover/lens material	Glass
Fixation material	Steel
Mounting device	Mounting bracket adjustable
Optical cover/lens shape	Flat

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Optical cover/lens finish	Textured
Overall length	140 mm
Overall width	110 mm
Overall height	28 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	1700 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	20 W
Power consumption tolerance	+/-10%

## Application Conditions

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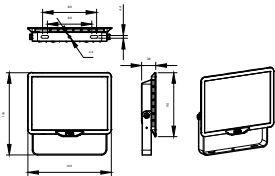
## Product Data

Full product code	871016333016799
Order product name	BVP150 LED17/CW 220-240V 20W SWB CE
EAN/UPC – product	8710163330167
Order code	911401732372
SAP numerator – quantity per pack	1
Numerator – packs per outer box	24
SAP material	911401732372
Net Weight (Piece)	0.318 kg



## Dimensional drawing

20W



BVP150/161 Essential Smartbright LED

