



Essential SmartBright G3 LED Floodlight

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

5950 lm - 70 W - 3000 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	830 warm white	Serviceability class	Class C, luminaire without serviceable parts, not serviceable
Light source replaceable	No	Light Technical	
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°	Operating and Electrical	
Control interface	-	Input Voltage	220 to 240 V
Connection	Flying leads/wires	Input frequency	50 to 60 Hz
Cable	Cable 0.5 m without plug	Inrush current	1.73 A
Protection class IEC	Safety class I (I)	Inrush time	0.016 ms
Flammability mark	F [For mounting on normally flammable surfaces]	Power factor (min.)	0.9
CE mark	CE mark	Controls and Dimming	
Optic type outdoor	Symmetrical wide beam	Dimmable	No
Constant light output	No		
Number of products on MCB (16 A type B)	30		
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	245 mm
Overall width	185 mm
Overall height	36 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)	5950 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	85 lm/W

Lamp colour temperature	3000 K
Colour Rendering Index	>80
Initial chromaticity	SDCM<7
Initial input power	70 W
Power consumption tolerance	+/-10%

Application Conditions

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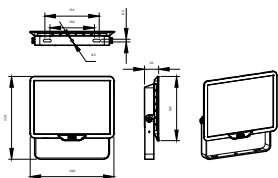
Product Data

Full product code	871016333023599
Order product name	BVP150 LED59/WW 220-240V 70W SWB CE
EAN/UPC – product	8710163330235
Order code	911401732442
SAP numerator – quantity per pack	1
Numerator – packs per outer box	8
SAP material	911401732442
SAP net weight (piece)	1.125 kg



Dimensional drawing

70W



BVP150/161 Essential Smartbright LED

