



Essential SmartBright G3 LED Floodlight

BVP150 LED59/NW 220-240V 70W 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	840 neutral white
Light source replaceable	No
Driver included	Yes
Optical cover/lens type	GB [Glass bowl/cover]
Luminaire light beam spread	110°
Control interface	-
Connection	Flying leads/wires
Cable	Cable 0.5 m without plug
Protection class IEC	Safety class I (I)
Flammability mark	F [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)	30
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	1.73 A
Inrush time	0.016 ms
Power factor (min.)	0.9
Controls and Dimming	
Dimmable	No
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

Essential SmartBright G3 LED Floodlight

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	4000 K
Colour Rendering Index	>80
Initial chromaticity	SDCM<7

Initial input power	70 W
Power consumption tolerance	+/-10%

Application Conditions

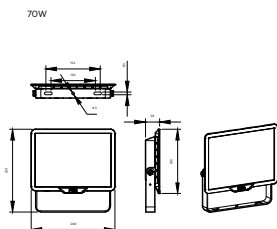
Ambient temperature range	-40 to +50 °C
---------------------------	---------------

Product Data

Full product code	871016333024299
Order product name	BVP150 LED59/NW 220-240V 70W SWB CE
EAN/UPC – product	8710163330242
Order code	911401732452
SAP numerator – quantity per pack	1
Numerator – packs per outer box	8
Material no. (12 NC)	911401732452
SAP net weight (piece)	1.125 kg



Dimensional drawing



BVP150/161 Essential Smartbright LED

