



# Essential SmartBright G3 LED Floodlight

## BVP150 LED59/CW 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 aluminum housing and corrosion-proof coating, suitable for general outdoor application. Higher efficacy than last generation, achieves more energy savings.

### Product data

General Information	
Light source color	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/wires
Cable	Cable 0.5 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 of 16 A type B	30
Light source engine type	LED
Serviceability class	Class C, luminaire without serviceable parts, not serviceable

Light Technical	
Standard tilt angle posttop	-
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	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
Color	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 until 2 kV

## Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	5950 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	85 lm/W
Init. Corr. Color Temperature	6500 K
Init. Color Rendering Index	>80
Initial chromaticity	SDCM<7

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

## Application Conditions

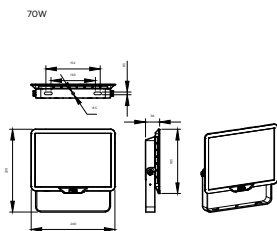
Ambient temperature range	-40 to +50 °C
---------------------------	---------------

## Product Data

Full product code	871016333025999
Order product name	BVP150 LED59/CW 220-240V 70W SWB CE
EAN/UPC - Product	8710163330259
Order code	911401732462
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	8
Material Nr. (12NC)	911401732462
Net Weight (Piece)	1.125 kg



## Dimensional drawing



BVP150/161 Essential Smartbright LED

