Essential SmartBright G3 LED Floodlight

BVP150 LED8/NW 220-240V 10W SWB SAA

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 genenration, 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]
Control interface	–
Connection	Flying leads/wires
Cable	Cable 0.3 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
Light source engine type	LED
Serviceability class	Class C, luminaire without serviceable parts, not serviceable

Light Technical

Standard tilt angle post-top	–

Operating and Electrical

Input Voltage	220 to 240 V
Input frequency	50 or 60 Hz
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
Optical cover/lens finish	Textured
Overall length	115 mm
Overall width	92 mm
Overall height	28 mm
Colour	Black

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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	850 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	10 W
Power consumption tolerance	+/–10%

Application Conditions

Ambient temperature range	–40 to +50 ℃

Product Data

Full product code	871016333604699
Order product name	BVP150 LED8/NW 220-240V 10W SWB SAA
EAN/UPC – product	8710163336046
Order code	911401736512
Local order code	BVP150L8NW10W
SAP numerator – quantity per pack	1
Numerator – packs per outer box	24
SAP material	911401736512
SAP net weight (piece)	0.240 kg

F/ IP 65 IK 06

Dimensional drawing

10W
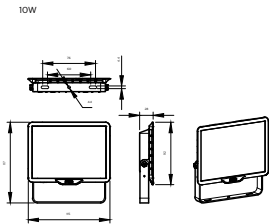
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www.lighting.philips.com

2020, March 4 - data subject to change