PHILIPS

Lighting



Essential SmartBright G2 LED Floodlight

BVP132 LED16/NW 20W 100-240V WB

Essential SmartBright G2 LED Floodlight, 1600 lm, 20 W, 840 neutral white, Symmetrical wide beam, 100°, Safety class I, Mounting bracket adjustable

Essential SmartBright G2 LED floodlight comes with a compact and sturdy design. It is light weight with die-cast aluminum housing and corrosion-proof powder coating, suitable for general outdoor application. High efficiency designed with latest LED technology, achieves substantial energy savings comparing to conventional floodlights.

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Lighting Technology	LED
CE mark	CE mark

Light Technical	
Luminous Flux	1,600 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	80 lm/W
Color rendering index (CRI)	>80
Light source color	840 neutral white

Optical cover type	Polycarbonate bowl/cover flat
Luminaire light beam spread	100°
Optic type outdoor	Symmetrical wide beam

Operating and Electrical	
Input Voltage	100 to 240 V
Line Frequency	50 to 60 Hz
Power Consumption	20 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	Cable 0.25m without plug

Essential SmartBright G2 LED Floodlight

Temperature	
Ambient temperature range	-20 to +40 °C

Controls and Dimming	
Dimmable	No
Constant light output	No

Mechanical and Housing	
Housing Material	Aluminum die cast
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	Black
Mounting device	Mounting bracket adjustable
Optical cover shape	Flat
Optical cover finish	Textured
Overall length	130 mm
Overall width	116.5 mm
Overall height	28 mm
Effective projected area	0.017 m²
Dimensions (Height x Width x Depth)	28 x 117 x 130 mm

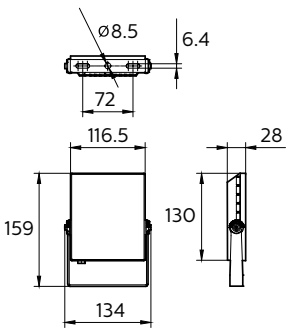
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	SDCM <7
Power consumption tolerance	+/-10%

Application Conditions	
Maximum dim level	Not applicable

Product Data	
Order product name	BVP132 LED16/NW 20W 100-240V WB
Full product name	BVP132 LED16/NW 20W 100-240V WB
Full product code	871016331553999
Order code	911401613604
Material Nr. (12NC)	911401613604
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163315539
Numerator - Packs per outer box	12
EAN/UPC - Case	8710163315652

Dimensional drawing



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.