PHILIPS

Lighting



SmartBright LED Floodlight

BVP172 LED43/NW 50W WB GREY CE

SmartBright LED Floodlight, 4300 lm, 50 W, 740 neutral white, 30° x 80°, Safety class I, Mounting bracket adjustable

The SmartBright LED Floodlight is a versatile floodlight engineered to deliver significant energy savings, an ideal solution for diverse floodlighting applications. The product is also designed to meet relevant performance and safety standards,offering you reliable and long-lasting performance.

Product data

General Information	
Lamp family code	LED43 [LED module 4300 lm]
Light source replaceable	No
Driver included	Yes
Light source engine type	LED
Lighting Technology	LED
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark

Light Technical	
Luminous Flux	4,300 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	86 lm/W
Color rendering index (CRI)	>70
Light source color	740 neutral white
Optical cover type	Polycarbonate bowl/cover UV-resistant
Luminaire light beam spread	30° x 80°

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	2.9 A
Inrush time	0.000225 ms
Power Consumption	50 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	Cable 0.6 m without plug
Number of products on MCB of 16 A type B	40

Temperature	
Ambient temperature range	-40 to +45 °C

SmartBright LED Floodlight

Controls and Dimming	
Dimmable	No
Control interface	-
Constant light output	No

Mechanical and Housing	
Housing Material	Aluminum die cast
Optical cover material	Polycarbonate
Housing Color	Grey
Mounting device	Mounting bracket adjustable
Optical cover shape	Flat
Optical cover finish	Frosted
Overall length	270 mm
Overall width	202 mm
Overall height	38 mm
Effective projected area	0.0729 m²
Dimensions (Height x Width x Depth)	38 x 202 x 270 mm

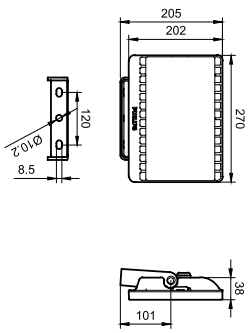
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Surge Protection (Common/Differential)	4/2 kV
Protection class IEC	Safety class I

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	BVP172 LED43/NW 50W WB GREY CE
Full product name	BVP172 LED43/NW 50W WB GREY CE
Full product code	871016332082399
Order code	911401673304
Material Nr. (12NC)	911401673304
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163320823
Numerator - Packs per outer box	8
EAN/UPC - Case	8710163321424

Dimensional drawing



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