**PHILIPS** Lighting



# SmartBright LED Floodlight

# BVP172 LED43/CW 50W WB GREY SAA KC

SmartBright LED Floodlight, 4300 lm, 50 W, 757 cool 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
CE mark	CE mark
Flammability mark	For mounting on normally flammable
	surfaces
Light Technical	
Luminous Flux	4,300 lm
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	86 lm/W
Color rendering index (CRI)	>70
Light source color	757 cool 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	

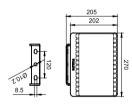
Luminous flux tolerance	+/-10%
Initial chromaticity	SDCM<7
Power consumption tolerance	+/-10%
Application Conditions	
Maximum dim level	Not applicable
Product Data	
Order product name	BVP172 LED43/CW 50W WB GREY SAA KC
Full product name	BVP172 LED43/CW 50W WB GREY SAA KC
Full product code	871016332086199
Order code	911401674204
Material Nr. (12NC)	911401674204
Local order code	BVP172CW50W
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163320861
Numerator - Packs per outer box	8
EAN/UPC - Case	8710163321462

Initial Performance (IEC Compliant)

#### Approvat and Applicatio

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

### **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.

www.lighting.philips.com 2023, August 2 - data subject to change