



Ledinaire All-in floodlights

BVP167 LED24/830 40 65PSU 20W SWB MDU

Ledinaire All-in floodlights, 20 W, 2200 lm, 2400 lm, 3000 K, 4000 K, 6500 K, Sensor-based dim, Symmetrical, MDU1

With this Ledinaire all-in floodlights range, you can easily adjust the color temperature by a simple switch. No need to choose between warm white, neutral white or cool white anymore, you get all these in one single product! The range comes with the Philips high quality levels at a competitive price. Reliable, energy-efficient and affordable – just what you need.

Product data

General Information	
Lamp family code	LED24S [LED module, system flux 2400 lm]
Number of gear units	Unit
Driver included	Yes
Photocell	Photocell included
Light source engine type	LED system in flux
Value ladder	Value
Embedded control	Movement and light sensor (On/Off)
Light Technical	
Upwards light output ratio	0
Luminous Flux	2,200 2,400 lm
Standard tilt angle post-top	27°
Standard tilt angle side entry	-
Luminous efficacy (rated) (nom.)	120 110 lm/W
Correlated Colour Temperature	3000 4000 6500 K

Colour rendering index (CRI)	80
Light source colour	830 warm white and 865 cool daylight
Optic type	Symmetric 110°
Optical cover type	Glass
Luminaire light beam spread	110°
Optic type outdoor	Symmetrical
All-in Type	All-in, Multi Color Temperature
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	1.1 A
Inrush time	0.0074 ms
Power Consumption	20 W
Power Factor (Fraction)	0.8
Connection	Flying leads/cables

Datasheet, 2024, April 25 data subject to change

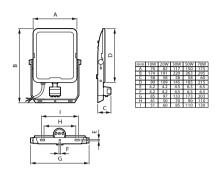
Ledinaire All-in floodlights

Cable	Cable 1.0 m without plug
Number of products on MCB of 16 A type	109
В	
Temperature	
Ambient temperature range	-25 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Driver integrated on LED board (DoB)
Control interface	Sensor-based dim
Constant light output	No
Mechanical and Housing	
Housing material	Aluminium die cast
Reflector material	Polycarbonate
Optic material	Glass
Optical cover/lens material	Tempered glass
Fixation material	Steel
Housing Colour	RAL 7043
Mounting device	Via U Shaped Bracket, Aiming Scale Angle,
	Universal Installation
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	181 mm
Overall width	97 mm
Overall height	56 mm
Effective projected area	0.008938 m²
Dimensions (height x width x depth)	56 x 97 x 181 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)	1.5/1.5 kV
Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 1 @200mm to
	EN62778
Photobiological risk specification	0.2 m

CE mark	CE mark
Warranty period	3 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.440,0.403); (0.369,0.364); (0.313,0.337)
	SDCM<5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	-2
Over Time Performance (IEC Compli	ant)
Control gear failure rate at median useful	7.5 %
life 50,000 h	
Lumen maintenance at median useful	80
life* 50,000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Suitable for random switching	Not applicable
Product Data	
Order product name	BVP167 LED24/830_40_65PSU 20W SWB
	MDU
Full product name	BVP167 LED24/830_40_65PSU 20W SWB
	MDU
Full EOC	872016973616099
Order code	911401892386
Material no. (12 NC)	911401892386
Net Weight (Piece)	0.330 kg
EAN/UPC — Product/Case	8720169736160
Numerator – packs per outer box	24
	8720169736351

Ledinaire All-in floodlights

Dimensional drawing





© 2024 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.