PHILIPS

Lighting



Ledinaire floodlights gen3

BVP164 LED22/830 PSU 20W SWB MDU CE

830 warm white - Symmetrical

This Ledinaire floodlights range contains a selection of popular off-the-shelf LED luminaires that 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	-
Light source colour	830 warm white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	No [-]
Driver included	Yes
Optical cover/lens type	G [Glass]
Luminaire light beam spread	110° x 110°
Control interface	-
Connection	Flying leads/cables
Cable	Cable 1.0 m without plug (C1K)
Protection class IEC	Safety class I
Flammability mark	NO [-]
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
Optic type outdoor	Symmetrical
Constant light output	No

Number of products on MCB (16 A type B)	104
Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Light source engine type	LED

Light Technical	
Upward light output ratio	0
Standard tilt angle post-top	-
Standard tilt angle side entry	-

Operating and Electrical	
Input Voltage	220 to 240 V
Input frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	20 W
End CLO power consumption	- W
Inrush current	1.1 A

Ledinaire floodlights gen3

Inrush time	0.0074 ms
Power factor (min.)	0.8

Controls and Dimming

Dimmable	No

Mechanical and Housing

Housing material	Aluminium die–cast
Reflector material	Polycarbonate
Optic material	Glass
Optical cover/lens material	Tempered glass
Fixation material	Steel
Mounting device	MBA [Mounting bracket adjustable]
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	97 mm
Overall width	172 mm
Overall height	52 mm
Effective projected area	0.008 m²
Colour	grey
Dimensions (height x width x depth)	52 x 172 x 97 mm (2 x 6.8 x 3.8 in)

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Surge protection (common/differential)	2/2 kV
Sustainability rating	-

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	2200 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	110 lm/W
Init. Corr. Colour Temperature	3000 K
Init. Colour rendering index	>80
Initial chromaticity	(0.440, 0.403) SDCM <5
Initial input power	20 W
Power consumption tolerance	+/-10%
Init. colour rendering index tolerance	+/-2

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	80

Application Conditions

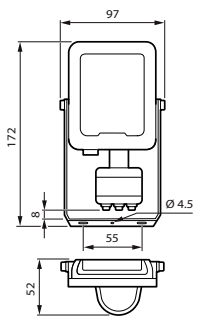
Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	Not applicable

Product Data

Full product code	871951453480399
Order product name	BVP164 LED22/830 PSU 20W SWB MDU CE
EAN/UPC – product	8719514534803
Order code	53480399
SAP numerator – quantity per pack	1
Numerator – packs per outer box	24
SAP material	911401883983
SAP net weight (piece)	0.380 kg



Dimensional drawing



BVP164 LED22/830 PSU 20W SWB MDU CE

Ledinaire floodlights gen3

© 2022 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
2022, June 27 - data subject to change