# **PHILIPS** Lighting



# Ledinaire floodlights gen3

# BVP164 LED24/840 PSU 20W SWB CE

Ledinaire floodlights gen3, 20 W, 2400 lm, 4000 K, CRI80, Symmetrical wide beam, IP65

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 replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	No
Lighting Technology	LED
CE mark	Yes
Warranty period	3 years
Warranty period Flammability mark	-
	3 years 
Flammability mark	3 years - - Temperature 650 °C, duration 30 s
Flammability mark ENEC mark	-
Flammability mark ENEC mark Glow-wire test	- - Temperature 650 °C, duration 30 s
Flammability mark ENEC mark Glow-wire test	- - Temperature 650 °C, duration 30 s
Flammability mark ENEC mark Glow-wire test EU RoHS compliant	- - Temperature 650 °C, duration 30 s
Flammability mark ENEC mark Glow-wire test EU RoHS compliant Light Technical	- - Temperature 650 °C, duration 30 s Yes

Standard tilt angle posttop	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	5
Light source color	840 neutral white
Optical cover type	Glass
Luminaire light beam spread	110° x 110°
Optic type outdoor	Symmetrical wide beam
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	20 W
End CLO power consumption	- W

## Ledinaire floodlights gen3

Inrush current	1.1 A
Inrush time	0.0074 ms
Power Consumption	20 W
Power Factor (Fraction)	0.95
Connection	Flying leads/wires
Cable	Cable 1.0 m without plug
Number of products on MCB of 16 A type B	109
Temperature	
Ambient temperature range	-25 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Glass
Optical cover material	Tempered glass
Fixation material	Steel
Housing Color	Gray
Mounting device	Mounting bracket adjustable
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	97 mm
Overall width	130 mm
Overall height	25.5 mm
Effective projected area	0.008 m²
Dimensions (Height x Width x Depth)	26 x 130 x 97 mm

Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 1@200mm to
	EN62778
Photobiological risk specification	0.2 m
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.380, 0.380) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Compliant	:)
Control gear failure rate at median useful life	5 %
50000 h	
Lumen maintenance at median useful life*	80
50000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	Not applicable
Product Data	
Order product name	BVP164 LED24/840 PSU 20W SWB CE
Full product name	BVP164 LED24/840 PSU 20W SWB CE
Full product code	871951453355499
Order code	911401852483
Material Nr. (12NC)	911401852483
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514533554
Numerator - Packs per outer box	24
EAN/UPC - Case	8719514533790

#### Approval and Application

Approvat and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-
	proof]
Mech. impact protection code	IK07 [2 J reinforced]
Surge Protection (Common/Differential)	Luminaire surge protection level until 2
	kV differential mode and 2 kV common
	mode

\_

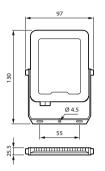
\_

\_

\_

### Ledinaire floodlights gen3

#### 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, December 18 - data subject to change