Ledinaire floodlights gen3

BVP164 LED22/830 PSU 20W SWB 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 replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	No
Lighting Technology	LED

Light Technical

Upward light output ratio	0
Luminous Flux	2,200 lumen
Standard tilt angle posttop	–
Standard tilt angle side entry	–
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	110 lm/W
Color rendering index (CRI)	>80
Light source color	830 warm white
Optical cover/lens 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
Input Frequency	50 or 60 Hz
Initial CLO power consumption	– W
Average CLO power consumption	20 W
Power Consumption	20 W
End CLO power consumption	– W
Inrush current	1.1 A
Inrush time	0.0074 ms
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	104

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Temperature

Ambient temperature range	-25 to +40 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (ON/OFF)
Control interface	–
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Glass
Optical cover/lens material	Tempered glass
Fixation material	Steel
Housing Color	Gray
Mounting device	Mounting bracket adjustable
Optical cover/lens shape	Flat
Optical cover/lens 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

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	–
Protection class IEC	Safety class I
Flammability mark	–
CE mark	Yes
ENEC mark	–

Warranty

Warranty period	3 years
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.440, 0.403) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

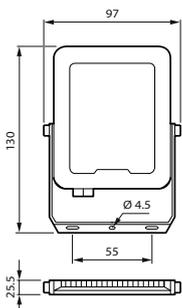|	
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	80

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

Product Data

Full product code	871951453363999
Order product name	BVP164 LED22/830 PSU 20W SWB CE
Order code	911401842483
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	24
Material number (12NC)	911401842483
Full product name	BVP164 LED22/830 PSU 20W SWB CE
EAN/UPC – Case	8719514533875

IP 65

Dimensional drawing

2023, May 19 – data subject to change

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