Ledinaire floodlights gen3

BVP165 LED220/830 PSU 200W 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 color	830 warm white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	–
Driver included	Yes
Optical cover/lens type	Glass
Luminaire light beam spread	110° x 110°
Control interface	–
Connection	Flying leads/wires
Cable	Cable 2.0 m without plug
Protection class IEC	Safety class I
Flammability mark	–
CE mark	CE mark
ENEC mark	–
Warranty period	5 years
Optic type outdoor	Symmetrical
Constant light output	No

Number of products on MCB of 16 A type B	11
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 posttop	–
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	200 W
End CLO power consumption	– W
Inrush current	4.38 A

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Inrush time	0.0284 ms
Power Factor (Min)	0.95

Controls and dimming

Dimmable	No

Mechanical and housing

Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Glass
Optical cover/lens material	Tempered glass
Fixation material	Steel
Mounting device	Mounting bracket adjustable
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	336 mm
Overall width	482 mm
Overall height	37.7 mm
Effective projected area	0.112 m²
Color	grey
Dimensions (Height x Width x Depth)	38 x 482 x 336 mm (1.5 x 19 x 13.2 in)

Approval and application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	4/4 kV

Initial performance (IEC compliant)

Initial luminous flux (system flux)	22000 lm
Luminous flux tolerance	+/-10%

Initial LED luminaire efficacy	110 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.440, 0.403) SDCM <5
Initial input power	200 W
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over time performance (IEC compliant)

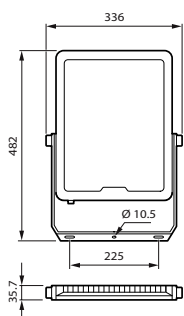|	
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	80

Application conditions

Ambient temperature range	–25 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

Product data

Full product code	871951453357899
Order product name	BVP165 LED220/830 PSU 200W SWB CE
EAN/UPC – Product	8719514533578
Order code	911401848483
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	4
Material Nr. (12NC)	911401848483
Net Weight (Piece)	4.250 kg

Dimensional drawing

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