



Ledinaire floodlights gen3

BVP164 LED55/830 PSU 50W 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		Light source color	
Lamp family code	-	Light source color	830 warm white
Light source replaceable	No	Optical cover/lens type	Glass
Number of gear units	1 unit	Luminaire light beam spread	110° x 110°
Driver included	Yes	Optic type outdoor	Symmetrical wide beam
Light source engine type	LED	Operating and Electrical	
Service tag	No	Input Voltage	220 to 240 V
Lighting Technology	LED	Line Frequency	50 or 60 Hz
Light Technical		Input Frequency	50 or 60 Hz
Upward light output ratio	0	Initial CLO power consumption	- W
Luminous Flux	5,500 lumen	Average CLO power consumption	50 W
Standard tilt angle posttop	-	Power Consumption	50 W
Standard tilt angle side entry	-	End CLO power consumption	- W
Correlated Color Temperature (Nom)	3000 K	Inrush current	1.68 A
Luminous Efficacy (rated) (Nom)	110 lm/W	Inrush time	0.0082 ms
Color rendering index (CRI)	>80	Power Factor (Fraction)	0.95
Flickering value (PstLM)	1	Connection	Flying leads/wires
Stroboscopic effect value (SVM)	5	Cable	Cable 1.0 m without plug

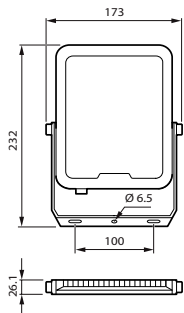
Ledinaire floodlights gen3

Number of products on MCB of 16 A type B	44
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	173 mm
Overall width	232 mm
Overall height	26.1 mm
Effective projected area	0.028 m ²
Dimensions (Height x Width x Depth)	26 x 232 x 173 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
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-

CE mark	Yes
ENEC mark	-
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	871951453361599
Order product name	BVP164 LED55/830 PSU 50W SWB CE
Order code	911401844483
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	16
Material number (12NC)	911401844483
Full product name	BVP164 LED55/830 PSU 50W SWB CE
EAN/UPC - Case	8719514533851



Dimensional drawing



Ledinaire floodlights gen3

