



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		Number of products on MCB of 16 A type B	
Lamp family code	-		44
Light source color	830 warm white	Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
Light source replaceable	No	Photobiological risk specification	0.2 m
Number of gear units	1 unit	EU RoHS compliant	Yes
Driver/power unit/transformer	-	Light source engine type	LED
Driver included	Yes	Service tag	No
Optical cover/lens type	Glass	Light Technical	
Luminaire light beam spread	110° x 110°	Upward light output ratio	0
Control interface	-	Standard tilt angle posttop	-
Connection	Flying leads/wires	Standard tilt angle side entry	-
Cable	Cable 1.0 m without plug	Operating and Electrical	
Protection class IEC	Safety class I	Input Voltage	220 to 240 V
Flammability mark	-	Input Frequency	50 or 60 Hz
CE mark	CE mark	Initial CLO power consumption	- W
ENEC mark	-	Average CLO power consumption	50 W
Warranty period	3 years	End CLO power consumption	- W
Optic type outdoor	Symmetrical		
Constant light output	No		

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Inrush current	1.68 A
Inrush time	0.0082 ms
Power Factor (Min)	0.95

Controls and Dimming

Dimmable	No
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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	173 mm
Overall width	232 mm
Overall height	26.1 mm
Effective projected area	0.028 m ²
Color	grey
Dimensions (Height x Width x Depth)	26 x 232 x 173 mm (1 x 9.1 x 6.8 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

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	5500 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	50 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

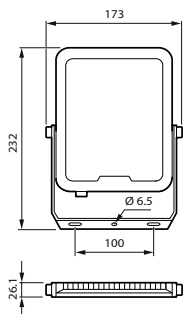
Ambient temperature range	-25 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

Product Data

Full product code	871951453361599
Order product name	BVP164 LED55/830 PSU 50W SWB CE
EAN/UPC - Product	8719514533615
Order code	911401844483
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	16
Material Nr. (12NC)	911401844483
Net Weight (Piece)	0.910 kg



Dimensional drawing



Ledinaire floodlight BVP105/106

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