



Ledinaire floodlights gen3

BVP165 LED180/865 PSU 150W SWB CE

-- 865 cool daylight -- 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 Technical	
Lamp family code	-	Number of products on MCB of 16 A type B	15
Light source color	865 cool daylight	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		
Luminaire light beam spread	110° x 110°	Operating and Electrical	
Control interface	-	Input Voltage	220 to 240 V
Connection	Flying leads/wires	Input Frequency	50 or 60 Hz
Cable	Cable 2.0 m without plug	Initial CLO power consumption	- W
Protection class IEC	Safety class I	Average CLO power consumption	150 W
Flammability mark	-	End CLO power consumption	- W
CE mark	CE mark		
ENEC mark	-		
Warranty period	3 years		
Optic type outdoor	Symmetrical		
Constant light output	No		

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Inrush current	4.16 A
Inrush time	0.0264 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	282 mm
Overall width	409 mm
Overall height	32.5 mm
Effective projected area	0.077 m ²
Color	grey
Dimensions (Height x Width x Depth)	33 x 409 x 282 mm (1.3 x 16.1 x 11.1 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)	4/4 kV

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	18000 lm
Luminous flux tolerance	+/-10%

Initial LED luminaire efficacy	120 lm/W
Init. Corr. Color Temperature	6500 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.313, 0.337) SDCM <5
Initial input power	150 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

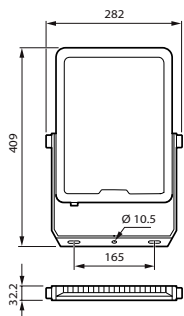
Ambient temperature range	-25 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

Product Data

Full product code	871951453342499
Order product name	BVP165 LED180/865 PSU 150W SWB CE
EAN/UPC - Product	8719514533424
Order code	911401867483
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	911401867483
Net Weight (Piece)	2.740 kg



Dimensional drawing



Ledinaire floodlight BVP105/106

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