



Ledinaire floodlights gen3

BVP165 LED120/840 PSU 100W AWB CE

- - 840 neutral white - - - Wide beam

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	-	Number of products on MCB of 16 A type B	22
Light source color	840 neutral 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	40° x 83°	Upward light output ratio	0
Control interface	-	Standard tilt angle posttop	-
Connection	Flying leads/wires	Standard tilt angle side entry	-
Cable	Cable 2.0 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	100 W
Warranty period	3 years	End CLO power consumption	- W
Optic type outdoor	Wide beam		
Constant light output	No		

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Inrush current	3.84 A
Inrush time	0.0244 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	0.045 m²
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)	10500 lm
Luminous flux tolerance	+/-10%

Initial LED luminaire efficacy	105 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.380, 0.380) SDCM <5
Initial input power	100 W
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	-2

Over Time Performance (IEC Compliant)

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

Application Conditions

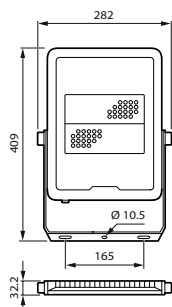
Ambient temperature range	-25 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

Product Data

Full product code	871951453495799
Order product name	BVP165 LED120/840 PSU 100W AWB CE
EAN/UPC - Product	8719514534957
Order code	911401896483
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	911401896483
Net Weight (Piece)	3.020 kg



Dimensional drawing



Ledinaire floodlight BVP105/106

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