



Ledinaire floodlights gen3

BVP165 LED120/840 PSU 100W SWB CE

840 neutral 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	840 neutral 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	3 years
Optic type outdoor	Symmetrical
Constant light output	No

Number of products on MCB of 16 A type B Photobiological risk Photobiological risk group 1 @ 200mm to EN62471 Photobiological risk specification O.2 m EU RoHS compliant Light source engine type LED Service tag No Light technical Upward light output ratio Standard tilt angle posttop Standard tilt angle side entry - Operating and electrical Input Voltage 100 power consumption Average CLO power consumption Photobiological risk group 1 @ 200mm to EN62471 O.2 m Photobiological risk group 1 @ 200mm to EN62471 O.2 m Ves LED Service tag No O Standard tilt angle posttop - Standard tilt angle posttop - Standard tilt angle side entry - Operating and electrical Input Voltage 100 W		
to EN62471 Photobiological risk specification 0.2 m EU RoHS compliant Yes Light source engine type LED Service tag No 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	Number of products on MCB of 16 A type B	22
Photobiological risk specification 0.2 m EU RoHS compliant Yes Light source engine type LED Service tag No 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	Photobiological risk	Photobiological risk group 1 @ 200mm
EU RoHS compliant Light source engine type LED Service tag No Light technical Upward light output ratio Standard tilt angle posttop Standard tilt angle side entry - Operating and electrical Input Voltage 1220 to 240 V Input Frequency Initial CLO power consumption Yes LED O O Service tag No O Standard tilt angle posttop - Standard tilt angle posttop - Standard tilt angle side entry - Operating and electrical Input Voltage 120 to 240 V Input Frequency 100 or 60 Hz		to EN62471
Light source engine type Service tag No Light technical Upward light output ratio Standard tilt angle posttop Standard tilt angle side entry - Operating and electrical Input Voltage 220 to 240 V Input Frequency Initial CLO power consumption LED O No 1 0 2 1 1 1 1 1 1 1 1 1 1 1 1	Photobiological risk specification	0.2 m
Service tag No Light technical Upward light output ratio Standard tilt angle posttop Standard tilt angle side entry Operating and electrical Input Voltage 220 to 240 V Input Frequency Initial CLO power consumption No O Standard tilt angle posttop - Standard tilt angle po	EU RoHS compliant	Yes
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	Light source engine type	LED
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	Service tag	No
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		
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	Light technical	
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	Upward light output ratio	0
Operating and electrical Input Voltage 220 to 240 V Input Frequency 50 or 60 Hz Initial CLO power consumption - W	Standard tilt angle posttop	-
Input Voltage 220 to 240 V Input Frequency 50 or 60 Hz Initial CLO power consumption - W	Standard tilt angle side entry	-
Input Voltage 220 to 240 V Input Frequency 50 or 60 Hz Initial CLO power consumption - W		
Input Frequency 50 or 60 Hz Initial CLO power consumption - W	Operating and electrical	
Initial CLO power consumption - W	Input Voltage	220 to 240 V
	Input Frequency	50 or 60 Hz
Average CLO power consumption 100 W	Initial CLO power consumption	- W
	Average CLO power consumption	100 W
End CLO power consumption - W	End CLO power consumption	- W

Datasheet, 2022, August 6 data subject to change

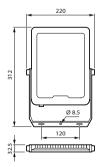
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Inrush current	3.84 A
Inrush time	0.0244 ms
Power Factor (Min)	0.95
Controls and dimming	
Dimmable	No
Mechanical and housing	
Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Glass
Optical cover/lens material	Tempered glass
Fixation material	Steel
Mounting device	Mounting bracket adjustable
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	220 mm
Overall width	312 mm
Overall height	32.5 mm
Effective projected area	0.045 m²
Color	Gray
Dimensions (Height x Width x Depth)	33 x 312 x 220 mm (1.3 x 12.3 x 8.7 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
Sustainability rating	
Initial performance (IEC compliant)	
Initial luminous flux (system flux)	12000 lm
Luminous flux tolerance	+/-10%

Initial LED luminaire efficacy	120 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	871951453351699
Order product name	BVP165 LED120/840 PSU 100W SWB
	CE
EAN/UPC - Product	8719514533516
Order code	911401856483
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	911401856483
Copy Net Weight (Piece)	1.760 kg



Dimensional drawing



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