



Ledinaire floodlights gen3

BVP165 LED240/840 PSU 200W SWB CE

Ledinaire floodlights gen3, 200 W, 24000 lumen, 4000 K, CRI80, Symmetrical wide beam, IP65

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	
Lighting Technology	LED
Driver included	Yes
Number of gear units	1 unit
Service tag	No
Lamp family code	-
Light source engine type	LED
Light source replaceable	No
Light Technical	
Upward light output ratio	0
Luminous Flux	24,000 lumen
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	>80
Flickering value (PstLM)	1

Stroboscopic effect value (SVM)	5
Light source color	840 neutral white
Optical cover/lens type	Glass
Luminaire light beam spread	110° x 110°
Optic type outdoor	Symmetrical wide beam
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	200 W
End CLO power consumption	- W
Inrush current	4.38 A
Inrush time	0.0284 ms
Power Consumption	200 W
Power Factor (Fraction)	0.95
Connection	Flying leads/wires

Datasheet, 2023, June 22 data subject to change

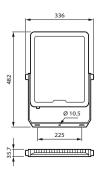
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Cable	Cable 2.0 m without plug
Number of products on MCB of 16 A type B	11
Temperature	
Ambient temperature range	-25 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical 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	336 mm
Overall width	482 mm
Overall height	37.7 mm
Effective projected area	0.112 m ²
Dimensions (Height x Width x Depth)	38 x 482 x 336 mm
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-
	proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Luminaire surge protection level until 4
	kV differential mode and 4 kV common
	mode
Sustainability rating	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-

Photobiological risk specification 0.2 m EU RoHS compliant Yes Initial Performance (IEC Compliant) Luminous flux tolerance +/-10% Initial chromaticity (0.380, 0.380) SDCM <5 Power consumption 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 Performance ambient temperature Tq 25 °C Maximum dim level Not applicable Product Data Full product code 871951453349399 Order product name BVP165 LED240/840 PSU 200W SWB CE Order code 911401858483 Numerator - Packs per outer box 4 Material number (12NC) 911401858483 Full product name BVP165 LED240/840 PSU 200W SWB	CE mark	Yes	
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 (0.380, 0.380) SDCM < 5 Power consumption 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 Performance ambient temperature Tq 25 °C Maximum dim level Not applicable Product Data Full product code 871951453349399 Order product name BVP165 LED240/840 PSU 200W SWB CE Order code 911401858483 Numerator - Packs per outer box 4 Material number (12NC) 911401858483 Full product name BVP165 LED240/840 PSU 200W SWB	ENEC mark	-	
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Material number (12NC) 911401858483 Full product name BVP165 LED240/840 PSU 200W SWB	Numerator - Quantity Per Pack	1	
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	Material number (12NC)	911401858483	
CE	Full product name	BVP165 LED240/840 PSU 200W SWB	
CL CL		CE	
EAN/UPC - Case 8719514533738	EAN/UPC - Case	8719514533738	



Dimensional drawing



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