



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		Stroboscopic effect value (SVM)	
Lighting Technology	LED	Stroboscopic effect value (SVM)	5
Driver included	Yes	Light source color	840 neutral white
Number of gear units	1 unit	Optical cover/lens type	Glass
Service tag	No	Luminaire light beam spread	110° x 110°
Lamp family code	-	Optic type outdoor	Symmetrical wide beam
Light source engine type	LED	Operating and Electrical	
Light source replaceable	No	Input Voltage	220 to 240 V
Light Technical		Line Frequency	50 or 60 Hz
Upward light output ratio	0	Input Frequency	50 or 60 Hz
Luminous Flux	24,000 lumen	Initial CLO power consumption	- W
Standard tilt angle posttop	-	Average CLO power consumption	200 W
Standard tilt angle side entry	-	End CLO power consumption	- W
Correlated Color Temperature (Nom)	4000 K	Inrush current	4.38 A
Luminous Efficacy (rated) (Nom)	120 lm/W	Inrush time	0.0284 ms
Color rendering index (CRI)	>80	Power Consumption	200 W
Flickering value (PstLM)	1	Power Factor (Fraction)	0.95
		Connection	Flying leads/wires

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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
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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	-

CE mark	Yes
ENEC mark	-
Warranty period	3 years
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	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

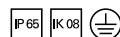
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	80

Application Conditions

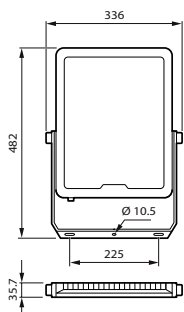
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

Product Data

Full product code	871951453349399
Order product name	BVP165 LED240/840 PSU 200W SWB CE
Order code	911401858483
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material number (12NC)	911401858483
Full product name	BVP165 LED240/840 PSU 200W SWB CE
EAN/UPC - Case	8719514533738



Dimensional drawing



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