



# Ledinaire floodlights gen3

## BVP165 LED240/840 PSU 200W SWB CE

Ledinaire floodlights gen3, 200 W, 24000 lm, 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		Flickering value (PstLM) - Flickering value as per EN 61000-3-3	
Lamp family code	-	Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Light source replaceable	No	Stroboscopic effect visibility measure (SVM)	5
Number of gear units	1 unit	Light source color	840 neutral white
Driver included	Yes	Optical cover type	Glass
Light source engine type	LED	Luminaire light beam spread	110° x 110°
Service tag	No	Optic type outdoor	Symmetrical wide beam
Lighting Technology	LED		
Light Technical		Operating and Electrical	
Upward light output ratio	0	Input Voltage	220 to 240 V
Luminous Flux	24,000 lm	Line Frequency	50 or 60 Hz
Standard tilt angle posttop	-	Initial CLO power consumption	- W
Standard tilt angle side entry	-	Average CLO power consumption	200 W
Luminous Efficacy (rated) (Nom)	120 lm/W	End CLO power consumption	- W
Correlated Color Temperature (Nom)	4000 K	Inrush current	4.38 A
Color rendering index (CRI)	>80	Inrush time	0.0284 ms
		Power Consumption	200 W
		Power Factor (Fraction)	0.95

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Connection	Flying leads/wires
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 material	Tempered glass
Fixation material	Steel
Housing Color	Gray
Mounting device	Mounting bracket adjustable
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	336 mm
Overall width	482 mm
Overall height	37.7 mm
Effective projected area	0.112 m <sup>2</sup>
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	7.5 %
50000 h	
Lumen maintenance at median useful life*	80
50000 h	

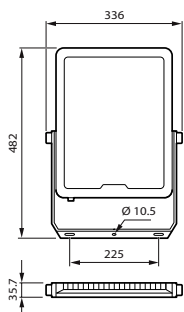
### Application Conditions

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

### Product Data

Order product name	BVP165 LED240/840 PSU 200W SWB CE
Full product name	BVP165 LED240/840 PSU 200W SWB CE
Full product code	871951453349399
Order code	911401858483
Material Nr. (12NC)	911401858483
Numerator - Quantity Per Pack	1
Net Weight (Piece)	4.250 kg
EAN/UPC - Product/Case	8719514533493
Numerator - Packs per outer box	4
EAN/UPC - Case	8719514533738

## Dimensional drawing



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