



Ledinaire floodlights gen3

BVP165 LED105/840 PSU 100W AWB CE

Ledinaire floodlights gen3, 100 W, 10500 lm, 4000 K, CRI80, Asymmetrical 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			
Lamp family code	-	Standard tilt angle posttop	-
Light source replaceable	No	Standard tilt angle side entry	-
Number of gear units	1 unit	Correlated Color Temperature (Nom)	4000 K
Driver included	Yes	Luminous Efficacy (rated) (Nom)	105 lm/W
Light source engine type	LED	Color rendering index (CRI)	>80
Service tag	No	Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Lighting Technology	LED	Stroboscopic effect visibility measure (SVM)	5
CE mark	Yes	Light source color	840 neutral white
Warranty period	3 years	Optical cover type	Glass
Flammability mark	-	Luminaire light beam spread	40° x 83°
ENEC mark	-	Optic type outdoor	Asymmetrical wide beam
Glow-wire test	Temperature 650 °C, duration 30 s		
EU RoHS compliant	Yes	Operating and Electrical	
		Input Voltage	220 to 240 V
		Line Frequency	50 or 60 Hz
		Initial CLO power consumption	- W
		Average CLO power consumption	100 W
Light Technical			
Upward light output ratio	0		
Luminous Flux	10,500 lm		

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End CLO power consumption	- W
Inrush current	3.84 A
Inrush time	0.0244 ms
Power Consumption	100 W
Power Factor (Fraction)	0.95
Connection	Flying leads/wires
Cable	Cable 2.0 m without plug
Number of products on MCB of 16 A type B	22

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	282 mm
Overall width	409 mm
Overall height	34.5 mm
Effective projected area	0.045 m ²
Dimensions (Height x Width x Depth)	35 x 409 x 282 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
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	0.2 m

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	5 %
50000 h	
Lumen maintenance at median useful life*	75
50000 h	

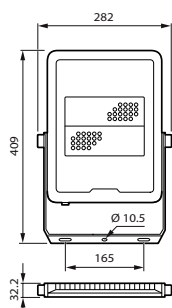
Application Conditions

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

Product Data

Order product name	BVP165 LED105/840 PSU 100W AWB CE
Full product name	BVP165 LED105/840 PSU 100W AWB CE
Full product code	871951453495799
Order code	911401896483
Material Nr. (12NC)	911401896483
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514534957
Numerator - Packs per outer box	4
EAN/UPC - Case	8719514534995

Dimensional drawing



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