



Ledinaire floodlights gen3

BVP165 LED157/840 PSU 150W AWB CE

- - - 840 neutral white - - - Wide beam

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		Luminaire light beam spread	
Lamp family code	-	Optic type outdoor	40° x 83°
Light source replaceable	No	Asymmetrical wide beam	
Number of gear units	1 unit	Operating and Electrical	
Driver included	Yes	Input Voltage	220 to 240 V
Light source engine type	LED	Line Frequency	50 or 60 Hz
Service tag	No	Input Frequency	50 or 60 Hz
Lighting Technology	LED	Initial CLO power consumption	- W
Light Technical		Average CLO power consumption	150 W
Upward light output ratio	0	Power Consumption	150 W
Luminous Flux	15,700 lumen	End CLO power consumption	- W
Standard tilt angle posttop	-	Inrush current	4.16 A
Standard tilt angle side entry	-	Inrush time	0.0264 ms
Correlated Color Temperature (Nom)	4000 K	Power Factor (Fraction)	0.95
Luminous Efficacy (rated) (Nom)	105 lm/W	Connection	Flying leads/wires
Color rendering index (CRI)	>80	Cable	Cable 2.0 m without plug
Light source color	840 neutral white	Number of products on MCB of 16 A type B	15
Optical cover/lens type	Glass		

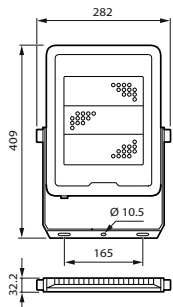
Ledinaire floodlights gen3

Temperature	
Ambient temperature range	-25 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	-
Control interface	-
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	282 mm
Overall width	409 mm
Overall height	32.5 mm
Effective projected area	0.077 m²
Dimensions (Height x Width x Depth)	NaN x NaN x NaN mm
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
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
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%
Init. Corr. Color Temperature	4000 K
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*	80
50000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Product Data	
Full product code	871951453494099
Order product name	BVP165 LED157/840 PSU 150W AWB CE
Order code	911401896783
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material number (12NC)	911401896783
Full product name	BVP165 LED157/840 PSU 150W AWB CE
EAN/UPC - Case	8719514534988



Dimensional drawing



Ledinaire floodlights gen3

