



# Ledinaire floodlights gen3

# **BVP165 LED120/840 PSU 100W 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	
Lamp family code	-
Light source color	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	-
Driver included	Yes
Optical cover/lens type	Glass
Luminaire light beam spread	40° x 83°
Control interface	-
Connection	Flying leads/wires
Cable	Cable 2.0 m without plug
Protection class IEC	Safety class I
Flammability mark	-
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
Optic type outdoor	Wide beam
Constant light output	No

Number of products on MCB of 16 A type B	22
Photobiological risk	Photobiological risk group 1 @ 200mm
	to EN62471
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Light source engine type	LED
Service tag	No
Light Technical	
Upward light output ratio	0
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Operating and Electrical	
Input Voltage	220 to 240 V
Input Frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	100 W
End CLO power consumption	- W

Datasheet, 2021, August 3 data subject to change

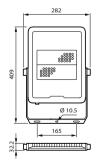
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Inrush current	3.84 A
Inrush time	0.0244 ms
Power Factor (Min)	0.95
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Glass
Optical cover/lens material	Tempered glass
Fixation material	Steel
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	0.045 m²
Color	grey
Dimensions (Height x Width x Depth)	33 x 409 x 282 mm (1.3 x 16.1 x 11.1 in)
Approval and Application	
Ingress protection code	IP65 [ Dust penetration-protected, jet-
	proof]
Mech. impact protection code	IK07 [ 2 J reinforced]
Surge Protection (Common/Differential)	4/4 kV
Initial Performance (IEC Compliant)	
Initial luminous flux (system flux)	10500 lm
Luminous flux tolerance	+/-10%

Initial LED luminaire efficacy	105 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.380, 0.380) SDCM <5
Initial input power	100 W
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	
Ambient temperature range	-25 to +40 °C
	-25 to +40 °C 25 °C
Ambient temperature range	
Ambient temperature range Performance ambient temperature Tq	25 °C
Ambient temperature range Performance ambient temperature Tq	25 °C
Ambient temperature range Performance ambient temperature Tq Maximum dim level	25 °C
Ambient temperature range Performance ambient temperature Tq Maximum dim level  Product Data	25 °C Not applicable
Ambient temperature range Performance ambient temperature Tq Maximum dim level  Product Data Full product code	25 °C Not applicable 871951453495799
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### Dimensional drawing



Ledinaire floodlight BVP105/106

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