



# Ledinaire floodlights gen3

## BVP165 LED210/840 PSU 200W 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	-	Number of products on MCB (16 A type B)	11
Light source colour	840 neutral white	Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
Light source replaceable	No	Photobiological risk specification	0.2 m
Number of gear units	1 unit	EU RoHS compliant	Yes
Driver/power unit/transformer	No [-]	Light source engine type	LED
Driver included	Yes	<b>Light Technical</b>	
Optical cover/lens type	G [ Glass]	Upward light output ratio	0
Luminaire light beam spread	40° x 83°	Standard tilt angle post-top	-
Control interface	-	Standard tilt angle side entry	-
Connection	Flying leads/cables	<b>Operating and Electrical</b>	
Cable	Cable 2.0 m without plug (C2K)	Input Voltage	220 to 240 V
Protection class IEC	Safety class I	Input frequency	50 or 60 Hz
Flammability mark	NO [-]	Initial CLO power consumption	- W
CE mark	CE mark	Average CLO power consumption	200 W
ENEC mark	-	End CLO power consumption	- W
Warranty period	3 years	Inrush current	4.38 A
Optic type outdoor	Wide beam		
Constant light output	No		

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Inrush time	0.0284 ms
Power factor (min.)	0.95

### Controls and Dimming

Dimmable	No
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### Mechanical and Housing

Housing material	Aluminium die-cast
Reflector material	Polycarbonate
Optic material	Glass
Optical cover/lens material	Tempered glass
Fixation material	Steel
Mounting device	MBA [ Mounting bracket adjustable]
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	336 mm
Overall width	482 mm
Overall height	35.7 mm
Effective projected area	0.112 m <sup>2</sup>
Colour	grey
Dimensions (height x width x depth)	36 x 482 x 336 mm (1.4 x 19 x 13.2 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
Sustainability rating	-

### Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	21000 lm
Luminous flux tolerance	+/-10%

Initial LED luminaire efficacy	105 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	>80
Initial chromaticity	(0.380, 0.380) SDCM <5
Initial input power	200 W
Power consumption tolerance	+/-10%
Init. colour rendering index tolerance	+/-2

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	80

### Application Conditions

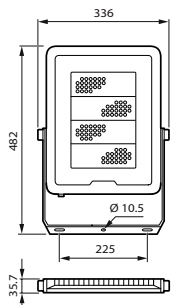
Ambient temperature range	-25 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	Not applicable

### Product Data

Full product code	871951453493399
Order product name	BVP165 LED210/840 PSU 200W AWB CE
EAN/UPC – product	8719514534933
Order code	53493399
SAP numerator – quantity per pack	1
Numerator – packs per outer box	4
SAP material	911401897083
SAP net weight (piece)	4.440 kg



## Dimensional drawing



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