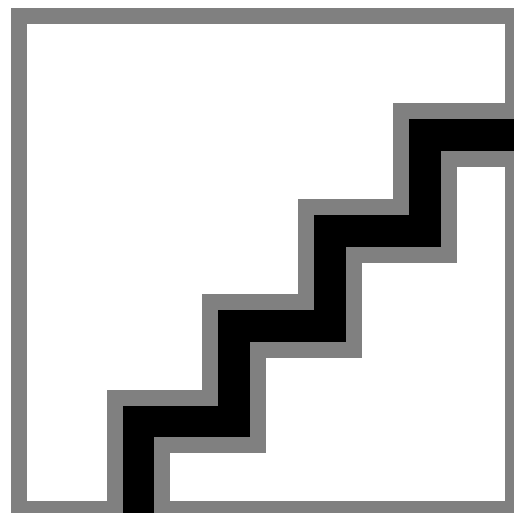




Ledinaire floodlights gen3

BVP165 LED105/840 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		Number of products on MCB of 16 A type B	
Lamp family code	-	Photobiological risk	22
Light source color	840 neutral white	Photobiological risk specification	Photobiological risk group 1 @200mm to EN62778
Light source replaceable	No	EU RoHS compliant	Yes
Number of gear units	1 unit	Light source engine type	LED
Driver/power unit/transformer	-	Service tag	No
Driver included	Yes	Light technical	
Optical cover/lens type	Glass	Upward light output ratio	0
Luminaire light beam spread	40° x 83°	Standard tilt angle posttop	-
Control interface	-	Standard tilt angle side entry	-
Connection	Flying leads/wires	Operating and electrical	
Cable	Cable 2.0 m without plug	Input Voltage	220 to 240 V
Protection class IEC	Safety class I	Input Frequency	50 or 60 Hz
Flammability mark	-	Initial CLO power consumption	- W
CE mark	Yes	Average CLO power consumption	100 W
ENEC mark	-	End CLO power consumption	- W
Warranty period	3 years		
Optic type outdoor	Wide beam		
Constant light output	No		

Ledinaire floodlights gen3

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	Gray
Dimensions (Height x Width x Depth)	33 x 409 x 282 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)	4/4 kV
Sustainability rating	-

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

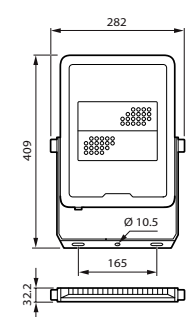
Ambient temperature range	-25 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

Product data

Full product code	871951453495799
Order product name	BVP165 LED105/840 PSU 100W AWB CE
EAN/UPC - Product	8719514534957
Order code	911401896483
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	911401896483
Net Weight (Piece)	3.020 kg



Dimensional drawing



BVP165 LED105/840 PSU 100W AWB CE

Ledinaire floodlights gen3

