PHILIPS Lighting



Ledinaire floodlights gen3

BVP165 LED240/840 PSU 200W SWB CE

- - - 840 neutral white - - - Symmetrical

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 replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	No
Lighting Technology	LED
Light Technical	
Upward light output ratio	0
Luminous Flux	24,000 lumen
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	>80
Light source color	840 neutral white
Optical cover/lens type	Glass

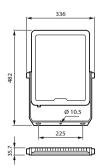
Luminaire light beam spread	110° x 110°
Optic type outdoor	Symmetrical wide beam
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	200 W
Power Consumption	200 W
End CLO power consumption	- W
Inrush current	4.38 A
Inrush time	0.0284 ms
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	11

Ledinaire floodlights gen3

Temperature		Warranty period
Ambient temperature range	-25 to +40 °C	Photobiological risk
Controls and Dimming		Photobiological risk specification
Dimmable	No	EU RoHS compliant
Driver/power unit/transformer	Power supply unit (ON/OFF)	
Control interface	_	Initial Performance (IEC Com
Constant light output	No	Luminous flux tolerance
		Initial chromaticity
Mechanical and Housing		Power consumption tolerance
Housing Material	Aluminum die cast	Init. Color Rendering Index Tolerar
Reflector material	Polycarbonate	
Optic material	Glass	Over Time Performance (IEC
Optical cover/lens material	Tempered glass	Control gear failure rate at median
Fixation material	Steel	50000 h
Housing Color	Gray	Lumen maintenance at median use
Mounting device	Mounting bracket adjustable	50000 h
Optical cover/lens shape	Flat	
Optical cover/lens finish	Clear	Application Conditions
Overall length	336 mm	Performance ambient temperature
Overall width	482 mm	Maximum dim level
Overall height	35.7 mm	
Effective projected area	0.112 m²	Product Data
Dimensions (Height x Width x Depth)	36 x 482 x 336 mm	Full product code
		Order product name
Approval and Application		
Ingress protection code	IP65 [Dust penetration-protected, jet-	Order code
	proof]	Numerator - Quantity Per Pack
Mech. impact protection code	IK07 [2 J reinforced]	Numerator - Packs per outer box
Surge Protection (Common/Differential)	Luminaire surge protection level until 4	Material number (12NC)
	kV differential mode and 4 kV common	Full product name
	mode	
Sustainability rating	-	EAN/UPC - Case
Protection class IEC	Safety class I	
Flammability mark	-	
CE mark	Yes	IP 65
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%		
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	871951453349399		
Order product name	BVP165 LED240/840 PSU 200W SWB		
	CE		
Order code	911401858483		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	4		
Material number (12NC)	911401858483		
Full product name	BVP165 LED240/840 PSU 200W SWB		
	CE		
EAN/UPC - Case	8719514533738		

Dimensional drawing



Ledinaire floodlights gen3



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, May 19 - data subject to change