



Ledinaire floodlight mini

BVP105 LED45/840 PSU VWB100 MDU

LED Module, system flux 4500 lm - 840 neutral white - Power supply unit - Very wide beam angle 100° - Movement detection unit

The Ledinaire 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		CE mark	CE mark
Number of light sources	-	ENEC mark	-
Lamp family code	LED45S [LED Module, system flux 4500 lm]	Warranty period	3 years
Light source color	840 neutral white	Optic type outdoor	Very wide beam angle 100°
Light source replaceable	No	Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore the median useful life (B50) value also represents the B10 value.
Number of gear units	1 unit	Constant light output	
Driver/power unit/transformer	Power supply unit	Number of products on MCB of 16 A type B	
Driver included	Yes	RoHS mark	
Optical cover/lens type	Glass flat frosted	Light source engine type	LED
Luminaire light beam spread	100°		
Embedded control	Movement detection unit		
Control interface	-		
Connection	Flying leads/wires		
Cable	Cable 0.5 m with cable connector 3-pole		
Protection class IEC	Safety class I		
Flammability mark	-		

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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 to 60 Hz
Inrush current	0.64 A
Inrush time	1 ms
Power Factor (Min)	0.9

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	-
Optic material	Glass
Optical cover/lens material	Glass
Fixation material	Stainless steel
Mounting device	Mounting bracket adjustable
Optical cover/lens shape	Flat
Optical cover/lens finish	Frosted
Overall length	207 mm
Overall width	55 mm
Overall height	255 mm
Effective projected area	0.039 m²
Color	Gray and black
Dimensions (Height x Width x Depth)	255 x 55 x 207 mm (10 x 2.2 x 8.1 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)	2/2 kV

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	4500 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	90 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	-
Initial input power	50 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life	7.5 %
life 35000 h	
Lumen maintenance at median useful life*	L70
50000 h	

Application Conditions

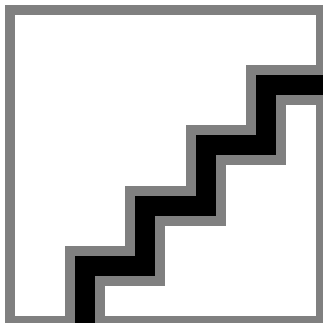
Ambient temperature range	-25 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

Product Data

Full product code	871869938490699
Order product name	BVP105 LED45/840 PSU VWB100 MDU
EAN/UPC - Product	8718699384906
Order code	912401483143
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	8
Material Nr. (12NC)	912401483143
Net Weight (Piece)	1.347 kg



Dimensional drawing



Ledinaire floodlight BVP105/106

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