



Ledinaire floodlight mini

BVP105 LED9/840 PSU VWB100 MDU

LED Module, system flux 900 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 come 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	No [-]	ENEC mark	-
Lamp family code	LED9S [LED Module, system flux 900 lm]	Warranty period	3 years
Light source colour	840 neutral white	Outdoor optic type	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	No
Driver/power unit/transformer	PSU [Power supply unit]	Number of products on MCB	50
Driver included	Yes	RoHS mark	RoHS mark
Optical cover/lens type	Glass flat frosted (FG)	LED engine type	LED
Luminaire light beam spread	100°		
Embedded control	MDU [Movement detection unit]		
Control interface	-		
Connection	Flying leads/cables		
Cable	Cord 0.5 m with cable connector 3-pole		
Protection class IEC	Safety class I		
Flammability mark	NO [-]		

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Light Technical

Upward light output ratio	0
Standard tilt angle post-top	-
Standard tilt angle side entry	-

Operating and Electrical

Input voltage	220 to 240 V
Input frequency	50 to 60 Hz
Inrush current	0.13 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	MBA [Mounting bracket adjustable]
Optical cover/lens shape	Flat
Optical cover/lens finish	Frosted
Overall length	136 mm
Overall width	41 mm
Overall height	166 mm
Effective projected area	0.018 m²
Colour	Grey and Black
Dimensions (height x width x depth)	166 x 41 x 136 mm (6.5 x 1.6 x 5.4 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	900 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	90 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	>80
Initial chromaticity	-
Initial input power	10 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

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

Application Conditions

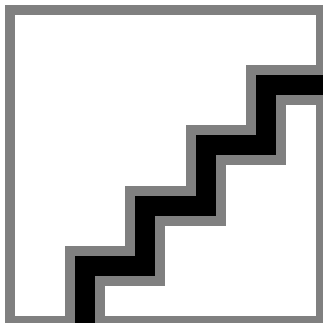
Ambient temperature range	-25 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	Not applicable

Product Data

Full product code	871869938486999
Order product name	BVP105 LED9/840 PSU VWB100 MDU
EAN/UPC – product	8718699384869
Order code	38486999
Numerator – quantity per pack	1
Numerator – packs per outer box	18
Material no. (12NC)	912401483141
Net weight (piece)	0.575 kg



Dimensional drawing



Ledinaire floodlight BVP105/106

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