



# 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 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	LED45S [ LED Module, system flux 4500 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	30
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 [-]		

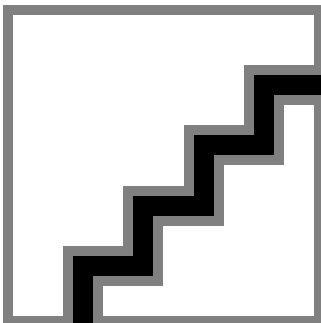
## Ledinaire floodlight mini

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	0.64 A
Inrush time	1 ms
Power factor (min.)	0.9
Controls and Dimming	
Dimmable	No
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	207 mm
Overall width	55 mm
Overall height	255 mm
Effective projected area	0.039 m <sup>2</sup>
Colour	Grey 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	4500 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	50 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	871869938490699
Order product name	BVP105 LED45/840 PSU VWB100 MDU
EAN/UPC – product	8718699384906
Order code	38490699
Numerator – quantity per pack	1
Numerator – packs per outer box	8
Material no. (12NC)	912401483143
Net weight (piece)	1.347 kg



## Dimensional drawing



Ledinaire floodlight BVP105/106

## Ledinaire floodlight mini

