



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	
Number of light sources	-
Lamp family code	LED45S [LED Module, system flux 4500 lm]
Light source color	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optical cover/lens type	Glass flat frosted
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	-
CE mark	CE mark
ENEC mark	-
Warranty period	3 years

Optic type outdoor	Very wide beam angle 100°
Constant light output	No
Number of products on MCB of 16 A type B	30
RoHS mark	RoHS mark
Light source engine type	LED

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

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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

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)

Driver failure rate at 5000 h	1.5 %
Median useful life L70B50	35000 h
Useful life L80B10	35000 h
Lumen maintenance at useful life of 100000 h, at 25 °C	-

Application Conditions

Ambient temperature range	-25 to +40 °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

