



# Ledinaire floodlight

## BVP154 LED52/840 PSU 50W VWB MDU CE

LED module 5000 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	
Lamp family code	LED50 [ LED module 5000 lm]
Light source colour	840 neutral white
Light source replaceable	No
Number of gear units	-
Driver/power unit/transformer	PSU [ Power supply unit]
Driver included	Yes
Optical cover/lens type	GC [ Clear glass]
Luminaire light beam spread	100°
Embedded control	MDU [ Movement detection unit]
Control interface	-
Connection	Flying leads/cables
Cable	Cable 1.0 m without plug (C1K)
Protection class IEC	Safety class I
Flammability mark	NO [ -]
CE mark	CE mark
ENEC mark	-
Warranty period	5 years
Optic type outdoor	Very wide beam angle 100°
Constant light output	No

Number of products on MCB (16 A type B)	47
EU RoHS compliant	Yes
Light source engine type	LED

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

Operating and Electrical	
Input Voltage	220 to 240 V
Input frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
End CLO power consumption	- W
Inrush current	0.9 A
Inrush time	0.01088 ms
Power factor (min.)	0.9

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### Controls and Dimming

Dimmable	No
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### Mechanical and Housing

Housing material	Aluminium die-cast
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Glass
Fixation material	Steel
Mounting device	MBA [ Mounting bracket adjustable]
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	236 mm
Overall width	38 mm
Overall height	249 mm
Effective projected area	0.048 m²
Colour	Aluminium and Grey
Dimensions (height x width x depth)	249 x 38 x 236 mm (9.8 x 1.5 x 9.3 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)	Surge protection level up to 2 kV

### Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	5250 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	105 lm/W

Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	80
Initial chromaticity	<7 SDCM
Initial input power	50 W
Power consumption tolerance	+/-10%

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life	10 %
50,000 h	
Lumen maintenance at median useful life*	L70
50,000 h	

### Application Conditions

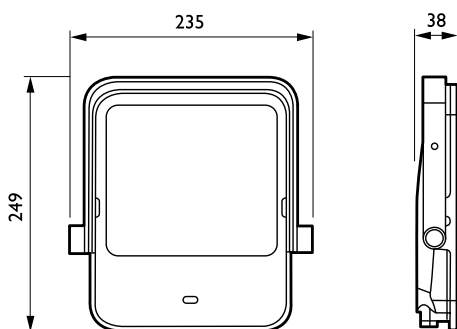
Ambient temperature range	-25 to +40 °C
Maximum dimming level	Not applicable

### Product Data

Full product code	871016333136299
Order product name	BVP154 LED52/840 PSU 50W VWB MDU CE
EAN/UPC – product	8710163331362
Order code	33136299
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	911401733382
SAP net weight (piece)	1.500 kg



## Dimensional drawing



Ledinaire floodlight BVP105/106

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