



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

This popular range of off-the-shelf floodlighting luminaires offers Philips high quality standards at a very competitive price. Reliable, energy efficient and affordable, Ledinaire is the perfect solution for a wide range of outdoor applications, from building façades and retail stores to billboards, underpasses and garden lighting.

Product data

General Information		Optic type outdoor	
Lamp family code	LED50 [LED module 5000 lm]	Constant light output	No
Light source colour	840 neutral white	Number of products on MCB (16 A type B)	47
Light source replaceable	No	EU RoHS compliant	Yes
Number of gear units	-	Light source engine type	LED
Driver/power unit/transformer	PSU [Power supply unit]	Light Technical	
Driver included	Yes	Upward light output ratio	0
Optical cover/lens type	GC [Clear glass]	Standard tilt angle post-top	0°
Luminaire light beam spread	100°	Standard tilt angle side entry	0°
Embedded control	MDU [Movement detection unit]	Operating and Electrical	
Control interface	-	Input Voltage	220 to 240 V
Connection	Flying leads/cables	Input frequency	50 or 60 Hz
Cable	Cable 1.0 m without plug (C1K)	Initial CLO power consumption	- W
Protection class IEC	Safety class I	Average CLO power consumption	- W
Flammability mark	NO [-]	End CLO power consumption	- W
CE mark	CE mark	Inrush current	0.9 A
ENEC mark	-		
Warranty period	5 years		

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Inrush time	0.01088 ms
Power factor (min.)	0.9

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%
Init. colour rendering index tolerance	+/-2

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

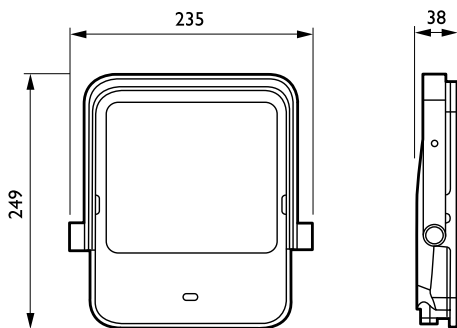
Ambient temperature range	-25 to +40 °C
Maximum dimming level	Not applicable

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



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