



Ledinaire floodlight

BVP154 LED21/840 PSU 20W VWB MDU CE

LED Module 2000 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	LED20 [LED Module 2000 lm]	Constant light output	No
Light source colour	840 neutral white	Number of products on MCB (16 A type B)	110
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	0.64 A
ENEC mark	-		
Warranty period	5 years		

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Inrush time	0.0069 ms
Power factor (min.)	0.8

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	150 mm
Overall width	35 mm
Overall height	160 mm
Effective projected area	0.018 m²
Colour	Aluminium and Grey
Dimensions (height x width x depth)	160 x 35 x 150 mm (6.3 x 1.4 x 5.9 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)	2100 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	20 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

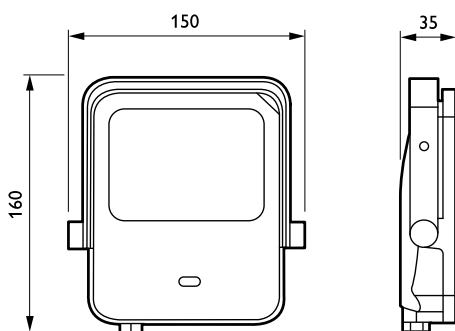
Ambient temperature range	-25 to +40 °C
Maximum dimming level	Not applicable

Product Data

Full product code	871016333134899
Order product name	BVP154 LED21/840 PSU 20W VWB MDU CE
EAN/UPC – product	8710163331348
Order code	33134899
Local order code	BVP154
SAP numerator – quantity per pack	1
Numerator – packs per outer box	18
SAP material	911401733362
SAP net weight (piece)	0.650 kg



Dimensional drawing



Ledinaire floodlight BVP105/106

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