



# Ledinaire floodlight

## BVP154 LED21/840 PSU 20W VWB CE

LED Module 2000 lm - 840 neutral white - Power supply unit - Very wide beam angle 100°

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		Constant light output	
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°
Control interface	-	Operating and Electrical	
Connection	Flying leads/cables	Input Voltage	220 to 240 V
Cable	Cable 1.0 m without plug (C1K)	Input frequency	50 or 60 Hz
Protection class IEC	Safety class I	Initial CLO power consumption	- W
Flammability mark	NO [ - ]	Average CLO power consumption	- W
CE mark	CE mark	End CLO power consumption	- W
ENEC mark	-	Inrush current	0.64 A
Warranty period	5 years	Inrush time	0.0069 ms
Optic type outdoor	Very wide beam angle 100°		

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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	117 mm
Overall width	31 mm
Overall height	161 mm
Effective projected area	0.015 m <sup>2</sup>
Colour	Aluminium and Grey
Dimensions (height x width x depth)	161 x 31 x 117 mm (6.3 x 1.2 x 4.6 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

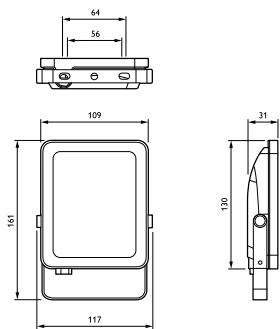
Ambient temperature range	-25 to +40 °C
Maximum dimming level	Not applicable

### Product Data

Full product code	871016332973499
Order product name	BVP154 LED21/840 PSU 20W VWB CE
EAN/UPC – product	8710163329734
Order code	32973499
SAP numerator – quantity per pack	1
Numerator – packs per outer box	18
SAP material	911401730452
SAP net weight (piece)	0.460 kg



## Dimensional drawing



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