



# Ledinaire floodlight

## BVP154 LED20/830 PSU 20W VWB MDU CE

LED Module 2000 lm – 830 warm 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		Light Technical	
Lamp family code	LED20 [ LED Module 2000 lm]	Optic type outdoor	Very wide beam angle 100°
Light source color	830 warm white	Constant light output	No
Light source replaceable	No	Number of products on MCB of 16 A type B	110
Number of gear units	-	EU RoHS compliant	Yes
Driver/power unit/transformer	Power supply unit	Light source engine type	LED
Driver included	Yes	Operating and Electrical	
Optical cover/lens type	Clear glass	Input Voltage	220 to 240 V
Luminaire light beam spread	100°	Input Frequency	50 or 60 Hz
Embedded control	Movement detection unit	Initial CLO power consumption	- W
Control interface	-	Average CLO power consumption	- W
Connection	Flying leads/wires	End CLO power consumption	- W
Cable	Cable 1.0 m without plug	Inrush current	0.64 A
Protection class IEC	Safety class I		
Flammability mark	-		
CE mark	CE mark		
ENEC mark	-		
Warranty period	3 years		

Ledinaire floodlight

Inrush time	0.0069 ms
Power Factor (Min)	0.8

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Glass
Fixation material	Steel
Mounting device	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
Color	Aluminum and gray
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 until 2 kV

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	2000 lm
Luminous flux tolerance	+/-10%

Initial LED luminaire efficacy	100 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	80
Initial chromaticity	<7 SDCM
Initial input power	20 W
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life	10 %
50000 h	
Lumen maintenance at median useful life*	L70
50000 h	

Application Conditions

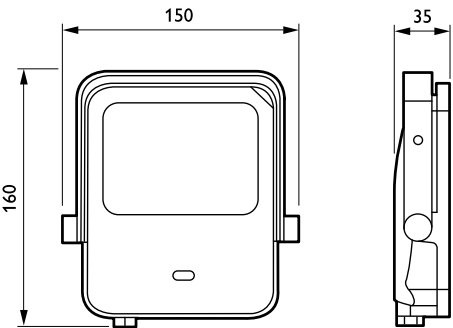
Ambient temperature range	-25 to +40 °C
Maximum dim level	Not applicable

Product Data

Full product code	871016333133199
Order product name	BVP154 LED20/830 PSU 20W VWB MDU CE
EAN/UPC - Product	8710163331331
Order code	911401733352
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	18
Material Nr. (12NC)	911401733352
Net Weight (Piece)	0.650 kg



Dimensional drawing



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