



Ledinaire floodlight

BVP154 LED50/830 PSU 50W VWB CE

LED module 5000 lm – 830 warm 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			
Lamp family code	LED50 [LED module 5000 lm]	Constant light output	No
Light source color	830 warm white	Number of products on MCB of 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 posttop	0°
Luminaire light beam spread	100°	Standard tilt angle side entry	0°
Control interface	-	Operating and Electrical	
Connection	Flying leads/wires	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 (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	0.9 A
Warranty period	3 years	Inrush time	0.01088 ms
Optic type outdoor	Very wide beam angle 100°		

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Power Factor (Min)	0.9
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing Material	Aluminum 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	204 mm
Overall width	39 mm
Overall height	281 mm
Effective projected area	0.044 m ²
Color	Aluminum and gray
Dimensions (Height x Width x Depth)	281 x 39 x 204 mm (11.1 x 1.5 x 8 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)	5000 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	50 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

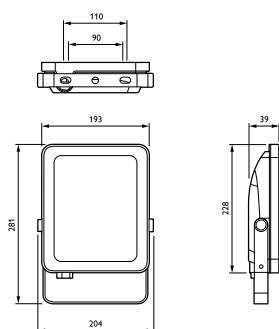
Maximum dim level Not applicable

Product Data

Full product code	871016332974199
Order product name	BVP154 LED50/830 PSU 50W VWB CE
EAN/UPC - Product	8710163329741
Order code	32974199
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	911401730462
Net Weight (Piece)	1.280 kg



Dimensional drawing



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