PHILIPS

Lighting



Ledinaire floodlight

BVP154 LED50/830 PSU 50W VWB CE

LED module 5000 lm - 830 warm white - Power supply unit - Very wide beam angle 100°

The Ledinaire range contains a selection of popular off-the-shelf LED luminaires that comes with the Philips high quality levels at a competitive price. Reliable, energy-efficient and affordable – just what you need.

Product data

General Information	
Lamp family code	LED50 [LED module 5000 lm]
Light source color	830 warm white
Light source replaceable	No
Number of gear units	-
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optical cover/lens type	Clear glass
Luminaire light beam spread	100°
Control interface	-
Connection	Flying leads/wires
Cable	Cable 1.0 m without plug
Protection class IEC	Safety class I
Flammability mark	-
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
Optic type outdoor	Very wide beam angle 100°
Constant light output	No
Number of products on MCB of 16 A type B	47

RoHS mark	RoHS mark
Light source engine type	LED

Light Technical	
Upward light output ratio	0
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°

Operating and Electrical	
Input Voltage	220 to 240 V
Input Frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
End CLO power consumption	- W
Inrush current	0.9 A
Inrush time	0.01088 ms
Power Factor (Min)	0.9

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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	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 m²

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

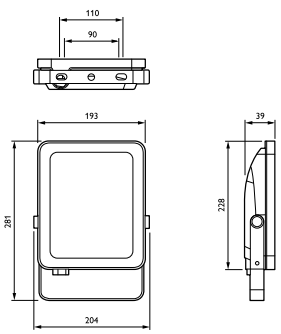
Initial Performance (IEC Compliant)	
Initial luminous flux (system flux)	5000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	100 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	80
Initial chromaticity	<7 SDCM
Initial input power	50 W
Power consumption tolerance	+/-10%

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	911401730462
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	911401730462
Net Weight (Piece)	1.387 kg

IP65 IK07

Dimensional drawing



Ledinaire floodlight BVP105/106

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2019, March 7 - data subject to change