



Ledinaire All-in floodlights

BVP169 LED157/830_40_65 PSU 135W AWB PH

Ledinaire All-in floodlights, 135 W, 15000 lm, 15750 lm, 3000 K, 4000 K, 6500 K, Asymmetrical

With this Ledinaire all-in floodlights range, you can easily adjust the color temperature by a simple switch. No need to choose between warm white, neutral white or cool white anymore, you get all these in one single product! The range 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	LED157-4S [LED module, system flux 15500
	lm]
Number of gear units	Unit
Driver included	Yes
Photocell	Photocell included
Light source engine type	LED system in flux
Value ladder	Value
Light Technical	
Upwards light output ratio	0
Luminous Flux	15,000 15,750 lm
Standard tilt angle post-top	27°
Standard tilt angle side entry	-
Luminous efficacy (rated) (nom.)	110 115 lm/W
Correlated Colour Temperature	3000 4000 6500 K

Colour rendering index (CRI)	>80
Flickering value (PstLM)	1
Light source colour	830 warm white and 865 cool daylight
Optic type	Assymetric beam angle
Optical cover type	Glass
Luminaire light beam spread	92° x 52°
Optic type outdoor	Asymmetrical
All-in Type	All-in, Multi Color Temperature
Total harmonic distortion	20 %
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	7.8 A
Inrush time	0.01520 ms
Power Consumption	135 W

Datasheet, 2024, March 25 data subject to change

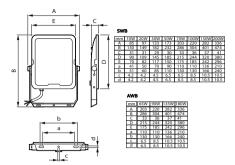
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Power Factor (Fraction)	0.95
Connection	
Cable	Flying leads/cables
Number of products on MCB of 16 A type B	Cable 2.0 m without plug
Number of products off MCB of 16 A type B	14
Temperature	
•	-25 to +40 °C
Ambient temperature range	-23 to +40 C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Driver integrated on LED board (DoB)
Constant light output	No
Constant agin output	
Mechanical and Housing	
Housing material	Aluminium die cast
Reflector material	Polycarbonate
Optic material	Glass
Optical cover/lens material	Tempered glass
Fixation material	Steel
Housing Colour	Grey
Mounting device	Via U Shaped Bracket, Aiming Scale Angle,
	Universal Installation
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	401 mm
Overall width	282 mm
Overall height	37 mm
Effective projected area	0.07744 m²
Dimensions (height x width x depth)	37 x 282 x 401 mm
Emergency Operation	
Central Emergency	No
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-
	proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	1.5/1.5 kV
Sustainability rating	, -
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable
	surfaces

CE mark	CE mark
ENEC mark	-
Warranty period	5 years
Photobiological risk	Photobiological risk group 1 @200mm to
	EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.440,0.403); (0.369,0.364); (0.313,0.337
	SDCM<5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	-2
Standard Deviation of Colour Matching	SDCM≤5
(McAdam ellipse)	
	nt)
Over Time Performance (IEC Complia	
Control gear failure rate at median useful	7.5 %
Control gear failure rate at median useful life 50,000 h	
Control gear failure rate at median useful life 50,000 h Lumen maintenance at median useful life*	7.5 %
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Control gear failure rate at median useful life 50,000 h Lumen maintenance at median useful life* 50,000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Order product name	7.5 % 80 25 °C Not applicable BVP169 LED157/830_40_65 PSU 135W AWB PH
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Control gear failure rate at median useful life 50,000 h Lumen maintenance at median useful life* 50,000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Order product name Full product name Full EOC Order code Material no. (12 NC) Numerator – quantity per pack	7.5 % 80 25 °C Not applicable BVP169 LED157/830_40_65 PSU 135W AWB PH BVP169 LED157/830_40_65 PSU 135W AWB PH 872016973641299 73641299 911401885586 1
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Dimensional drawing





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