



Ledinaire All-in floodlights

BVP169 LED210/830 40 65 PSU 180W AWB

Ledinaire All-in floodlights, 180 W, 20000 lm, 21000 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 this 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	LED210-4S [LED module, system flux
	21000 lm]
Number of gear units	1 unit
Driver included	Yes
Photocell	-
Light source engine type	LED system in flux
Value ladder	Value
Embedded control	-
Light Technical	
Upward light output ratio	0
Luminous Flux	20,000 21,000 lm
Standard tilt angle posttop	27°
Standard tilt angle side entry	-
Luminous Efficacy (rated) (Nom)	110 115 lm/W

Correlated Color Temperature (Nom)	3000 4000 6500 K
Color rendering index (CRI)	>80
Flickering value (PstLM) - Flickering value	1
as per EN 61000-3-3	
Light source color	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	8.0 A

Datasheet, 2024, September 16 data subject to change

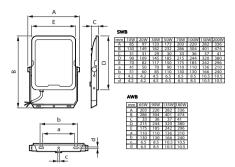
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Inrush time	0.01520 ms
Power Consumption	180 W
Power Factor (Fraction)	0.95
Connection	Flying leads/wires
Cable	Cable 2.0 m without plug
Number of products on MCB of 16 A type B	11
Temperature	
Ambient temperature range	-25 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Driver integrated on LED board (DoB)
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Glass
Optical cover material	Tempered glass
Fixation material	Steel
Housing Color	Grey
Mounting device	Via U Shaped Bracket, Aiming Scale Angle,
	Universal Installation
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	474 mm
Overall width	336 mm
Overall height	41 mm
Effective projected area	0.11248 m²
Dimensions (Height x Width x Depth)	41 x 336 x 474 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 1
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); (0.313,0.33
	SDCM<5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	-2
Standard Deviation of Colour Matching	SDCM≤5
(McAdam ellipse)	
Over Time Performance (IEC Complia	nt)
Control gear failure rate at median useful	7.5 %
life 50000 h	
Lumen maintenance at median useful life*	80
	80
Lumen maintenance at median useful life* 50000 h	80
Lumen maintenance at median useful life* 50000 h Application Conditions	
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Dimensional drawing





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