



Ledinaire All-in floodlights

BVP169 LED105/830_40_65 DOB 90W AWB

Ledinaire All-in floodlights, 90 W, 10000 lm, 10500 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	LED105S [LED module, system flux 10500 lm]
Number of gear units	Unit
Driver included	Yes
Photocell	-
Light source engine type	LED system in flux
Value ladder	Value
Embedded control	-
Light Technical	
Upwards light output ratio	0
Luminous Flux	10,000 10,500 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	7.6 A
Inrush time	0.01385 ms

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Power Consumption	90 W
Power Factor (Fraction)	0.95
Connection	Flying leads/cables
Cable	Cable 2.0 m without plug
Number of products on MCB of 16 A type B	22

Temperature

Ambient temperature range	-25 to +40 °C
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Driver integrated on LED board (DoB)
Constant light output	No

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	304 mm
Overall width	220 mm
Overall height	36 mm
Effective projected area	0.04514 m²
Dimensions (height x width x depth)	36 x 220 x 304 mm

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 (McAdam ellipse)	SDCM≤5

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	7.5 %
Lumen maintenance at median useful life* 50,000 h	80

Application Conditions

Performance ambient temperature Tq	25 °C
Suitable for random switching	Not applicable

Product Data

Order product name	BVP169 LED105/830_40_65 DOB 90W AWB
Full product name	BVP169 LED105/830_40_65 DOB 90W AWB
Full EOC	872016973612299
Order code	73612299
Material no. (12 NC)	911401884386
Numerator – quantity per pack	1
Net Weight (Piece)	2.080 kg
EAN/UPC – Product/Case	8720169736122
Numerator – packs per outer box	6
EAN/UPC - Case	8720169736313

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Dimensional drawing

