

BVP169
LED210/830_40_65 PSU
180W AWB
911401886386



Ledinaire All-in floodlights, 180 W, 20000 lm, 21000 lm, 3000 K, 4000 K, 6500 K, CRI80, Asymmetrical, IP65

Aluminum die cast, Grey, Traffic gray B (RAL7043), Single layer powder coating, Driver integrated on LED board (DoB), All-in, Multi Color Temperature, 20000 lm, 21000 lm, 180 W, 115 lm/W, 110 lm/W, 3000 K, 4000 K, 6500 K, (0.440,0.403); (0.369,0.364); (0.313,0.337) SDCM<5, CRI80, Asymmetrical, IP65 | Dust penetration-protected, jet-proof, IK08 | 5 J vandal-protected, Safety class I, Surge protection level until 1.5 kV differential mode and 1.5 kV common mode, Cable 2.0 m without plug, Flying leads/wires

General Information

Lamp family code	LED210-4S [LED module, system flux 21000 lm]
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED system in flux
Service tag	No
Value ladder	Value
Warranty period	5 years

Light Technical

Upward light output ratio	0
Luminous Flux	20,000 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	115 lm/W
Color rendering index (CRI)	>80
Light source color	Multi Color Temperature
Optic type	Assymetric Beam angle
Luminaire light beam spread	92° x 52°
Optic type outdoor	Asymmetrical
All-in Type	All-in, Multi Color Temperature
Effective projected area	0.11248 m²

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	8.0 A
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
Suitable for random switching	Not applicable
Protection class IEC	Safety class I
Surge Protection (Common/Differential)	Surge protection level until 1.5 kV differential mode and 1.5 kV common mode
Total harmonic distortion	20 %

Controls and Dimming

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

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
Dimensions (Height x Width x Depth)	41 x 336 x 474 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Standard tilt angle posttop	27°
Standard tilt angle side entry	-
Optical cover type	Glass
Net Weight (Piece)	4.550 kg

Emergency Operation

Central Emergency	No
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Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	-
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	0.2 m

EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Ambient temperature range	-25 to +40 °C

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

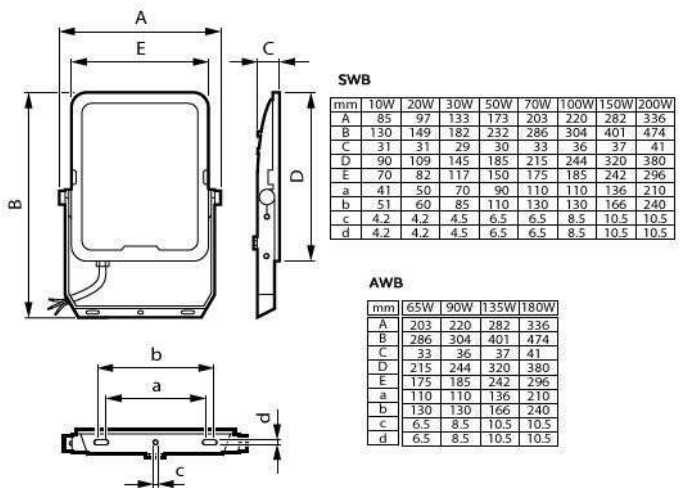
Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	7.5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L80
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 75000 h	L70

Sustainability Data

Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.

Dimensional drawing



Embedded carbon (A1-A3)	39.4 kg CO ₂ e
Product non-virgin material ratio	26.9 %
Recyclable content ratio of the finished product	61.7 %
GWP total B6 (kg CO2eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO2eq / kwh)
GWP total B6 (kg CO2eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) /lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO2 eq / kwh)
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

Product Data

Order product name	BVP169 LED210/830_40_65 PSU 180W AWB
Full product name	BVP169 LED210/830_40_65 PSU 180W AWB
Full product code	872016973614699
Order code	911401886386
Material Nr. (12NC)	911401886386
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169736146
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169736337

Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	EPD-PHILIPS-BVP169-LED210-830-40-65-PSU-180W-AWB-911401886386.pdf	Download 
Installation Instructions	Mounting-instruction-Ledinaire-Floodlight-All-in-AWB.pdf	Download 
Environmental Product Declaration	EPD-HUB-EPD-Philips-Ledinaire-All-in-floodlights-BVP169-Ref-911401886386.pdf	Download 
Photometry and lighting design	Document Name	Download
IES File	BVP169-LED210830-40-65-PSU-180W-AWB.ies	Download 
LDT File	Ledinaire-Flood-BVP169-1xLED210-830-40-65-840-PSU-AWB.ltd	Download 