



Ledinaire All-in floodlights

BVP169 LED240/830_40_65 PSU 180W SWB PH

Ledinaire All-in floodlights, 180 W, 22000 lm, 24000 lm, 3000 K, 4000 K, 6500 K, CRI80, Symmetrical, IP65

Aluminum die cast, Grey, Traffic gray B (RAL7043), Single layer powder coating, Driver integrated on LED board (DoB), Photocell included, All-in, Multi Color Temperature, 22000 lm, 24000 lm, 180 W, 130 lm/W, 120 lm/W, 3000 K, 4000 K, 6500 K, (0.440,0.403); (0.369,0.364); (0.313,0.337) SDCM<5, CRI80, Symmetrical, 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

Product data

General Information		Color rendering index (CRI)	
Lamp family code	LED240S [LED module, system flux 24000 lm]	Color rendering index (CRI)	>80
Number of gear units	1 unit	Light source color	Multi Color Temperature
Driver included	Yes	Optic type	Symmetric 110°
Light source engine type	LED system in flux	Luminaire light beam spread	110°
Value ladder	Value	Optic type outdoor	Symmetrical
Warranty period	5 years	All-in Type	All-in, Multi Color Temperature
		Effective projected area	0.11248 m²
Light Technical		Operating and Electrical	
Upward light output ratio	0	Input Voltage	220-240 V
Luminous Flux	22,000 24,000 lm	Line Frequency	50 or 60 Hz
Correlated Color Temperature (Nom)	3000 4000 6500 K	Inrush current	8.0 A
Luminous Efficacy (rated) (Nom)	130 120 lm/W	Inrush time	0.01520 ms
		Power Consumption	180 W

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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
Photocell	Photocell included

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)	4.230 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.
Embedded carbon (A1-A3)	59.3 kg CO _{2e}
Product non-virgin material ratio	10.9 %
Recyclable content ratio of the finished product	64.2 %
GWP total B6 (kg CO _{2eq}) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO _{2eq} / kwh)
GWP total B6 (kg CO _{2eq}) 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 CO ₂ eq / kwh)
Non-virgin material ratio of the packaging	Cardboard > 80% recycled Plastic >35% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80% Plastic recycling rate > 40%
Packaging Material	Cardboard Plastic
Product Data	
Order product name	BVP169 LED240/830_40_65 PSU 180W SWB PH
Full product name	BVP169 LED240/830_40_65 PSU 180W SWB PH
Full product code	872016973644399

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Order code	911401878586
Material Nr. (12NC)	911401878586
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169736443

Numerator - Packs per outer box	4
EAN/UPC - Case	8720169736528

Dimensional drawing

