



Ledinaire All-in floodlights

BVP167 LED84/830_40_65 PSU 70W SWB

Ledinaire All-in floodlights, 70 W, 7700 lm, 8400 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), All-in, Multi Color Temperature, 7700 lm, 8400 lm, 70 W, 120 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, 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	LED84S [LED Module, system flux 8400 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	0.037625 m²
Light Technical		Operating and Electrical	
Upward light output ratio	0	Input Voltage	220-240 V
Luminous Flux	7,700 8,400 lm	Line Frequency	50 or 60 Hz
Correlated Color Temperature (Nom)	3000 4000 6500 K	Inrush current	3.64 A
Luminous Efficacy (rated) (Nom)	120 110 lm/W	Inrush time	0.0222 ms
		Power Consumption	70 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	31
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	286 mm
Overall width	203 mm
Overall height	33 mm
Dimensions (Height x Width x Depth)	33 x 203 x 286 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)	1.364 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)	15.6 kg CO _{2e}
Product non-virgin material ratio	10.5 %
Recyclable content ratio of the finished product	63.2 %
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 _{2eq} / kWh)

Product Data

Order product name	BVP167 LED84/830_40_65 PSU 70W SWB
Full product name	BVP167 LED84/830_40_65 PSU 70W SWB
Full product code	872016973605499
Order code	73605499
Material Nr. (12NC)	911401875386
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169736054
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169736245

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Dimensional drawing

