



Ledinaire high wattage floodlight

BVP166 LED480/840 PSU 400W SWB

Ledinaire high wattage floodlight, 400 W, 637 mm x 52mm, 48000 lm, 4000 K, CRI80, Symmetrical

637 mm x 52mm, Aluminum die-cast, Aluminum and gray, Power supply unit (On/Off), 48000 lm, 400 W, 120 lm/W, 4000 K, (0.380,0.380) SDCM≤5, CRI80, Symmetrical, IP65 | Dust penetration-protected, jet-proof, IK08 | 6 J, Safety class I, 6/4 kV kV, Cable 1.0 m without plug 3-pole, Flying leads/wires

Product data

General Information	
Lamp family code	-
Number of gear units	2 units
Driver included	Yes
Light source engine type	LED
Value ladder	Value
Warranty period	5 years
Light Technical	
Upward light output ratio	0
Luminous Flux	48,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	80
Light source color	840 neutral white
Luminaire light beam spread	110°
Optic type outdoor	Symmetrical

Effective projected area	0.221 m²
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	130 A
Inrush time	0.05 ms
Power Consumption	400 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	Cable 1.0 m without plug 3-pole
Number of products on MCB of 16 A type B	6
Protection class IEC	Safety class I
Surge Protection (Common/Differential)	6/4 kV kV

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Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
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	Aluminum and gray
Mounting device	Mounting bracket
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	637 mm
Overall width	449 mm
Overall height	52 mm
Dimensions (Height x Width x Depth)	52 x 449 x 637 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [6 J]
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Mounting	Wall Wall-mounting bracket
Optical cover type	Flat glass
Net Weight (Piece)	8.500 kg

Approval and Application	
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	-
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-25 °C to 50 °C

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

Initial chromaticity	(0.380,0.380) SDCM≤5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	0

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	L70

Sustainability Data	
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	219 kg CO _{2e}
Product non-virgin material ratio	13.1 %
Recyclable content ratio of the finished product	67.3 %
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	BVP166 LED480/840 PSU 400W SWB
Full product name	BVP166 LED480/840 PSU 400W SWB
Full product code	872016976649599
Order code	911401844187
Material Nr. (12NC)	911401844187
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169766495
Numerator - Packs per outer box	2
EAN/UPC - Case	8720169766532

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Dimensional drawing

