PHILIPS

BVP111 LED49-4S/830
PSU OFA52 ALU C1KC3

912300060609

Coreline tempo small gen2, Floodlight, 36 W, 3903 lm, 3000 K, CRI80, Asymmetrical, IP66

Floodlight, Aluminum, Grey, Power supply unit (On/Off), 3903 lm, 36 W, 108 lm/W, 3000 K, (0.382, 0.379) SDCM <5, CRI80, Asymmetrical, IP66 | Dust penetration-protected, jet-proof, IK08 | 5 J vandal-protected, Safety class I, Surge protection level until 6 kV differential mode and 8 kV common mode, Cable 1.0 m with plug Wieland/Adels compatible 3-pole, External connector

General Information

Lamp family code	LED49 [LED module 4900 lm]
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	Yes
Value ladder	Performance
Warranty period	5 years

Light Technical

Upward light output ratio	0
Luminous Flux	3,903 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	108 lm/W
Color rendering index (CRI)	80
Light source color	830 warm white
Luminaire light beam spread	60° x 120°
Optic type outdoor	Asymmetrical
Effective projected area	0.02 m^2

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	18 A
Inrush time	0.3 ms
Power Consumption	36 W
Power Factor (Fraction)	0.99
Connection	External connector
Cable	Cable 1.0 m with plug Wieland/ Adels compatible 3-pole
Number of products on MCB of 16 A type B	30
Protection class IEC	Safety class I
Surge Protection (Common/ Differential)	Surge protection level until 6 kV differential mode and 8 kV common mode

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Grey
Mounting device	Wall-mounting bracket
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	286.9 mm
Overall width	211.5 mm
Overall height	64 mm
Dimensions (Height x Width x Depth)	64 x 212 x 287 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Optical cover type	Flat glass
Net Weight (Piece)	2.570 kg

Emergency Operation

Central Emergency	No
Emergency lighting	-

Approval and Application

Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-40 to +45 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.382, 0.379) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

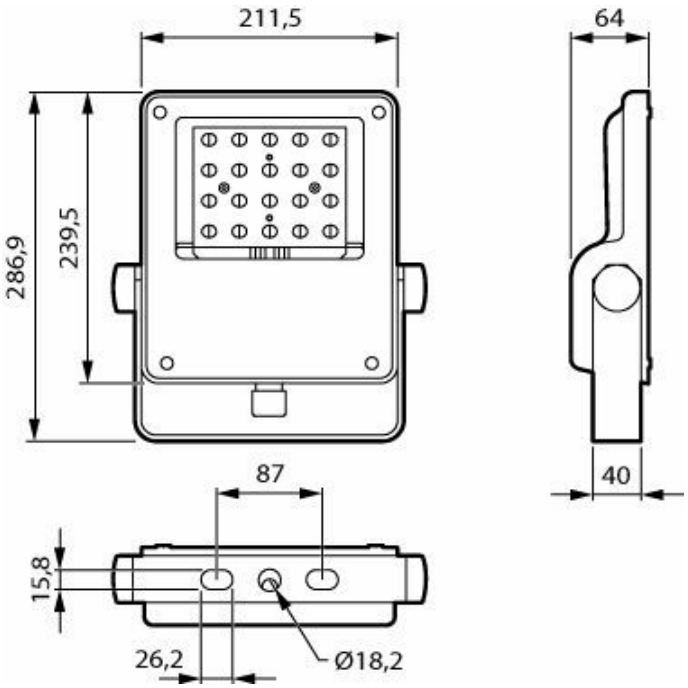
Sustainability Data

Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	48.1 kg CO_2e
Product non-virgin material ratio	6.38 %
Recyclable content ratio of the finished product	52.5 %
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

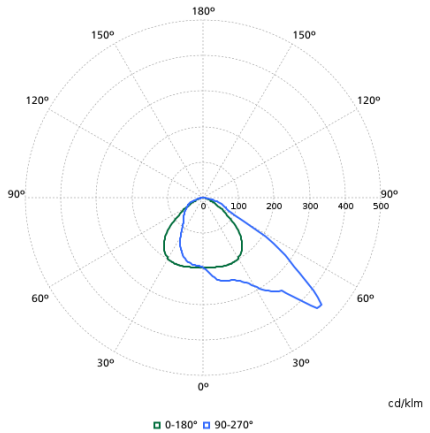
Product Data

Order product name	BVP111 LED49-4S/830 PSU OFA52 ALU C1KC3
Full product name	BVP111 LED49-4S/830 PSU OFA52 ALU C1KC3
Full product code	872016979986800
Order code	79986800
Material Nr. (12NC)	912300060609
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169799868
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169799868
Product family code	BVP111 [Coreline tempo small gen2]

Dimensional drawing



Polar normal diagrams



Related Documents

Documents and certificates	Document Name	Download
Tender text	Tender_Text_912300060609_en_BG.txt	Download
Installation Instructions	MI_Coreline tempo small gen2.pdf	Download
Environmental Product Declaration	EPD-Philips-Coreline-tempo-smallgen2-BVP111.pdf	Download

Photometry and lighting design	Document Name	Download
LDT File	LDT File - BVP111I - 912300060609.ldt	Download
ROLF File	ROLF File - BVP111I - 912300060609.rolfz	Download
ULD File	ULD File - BVP111I - 912300060609.uld	Download

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