Coreline tempo small gen2

BVP111 LED49-4S/830 PSU OFA52 ALU C1KC3

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

Coreline tempo small gen2 delivers on the Coreline promise of innovative, easy to use and high-quality floodlight. A limited range of options makes it easy to find the best lux-for-lux replacement for conventional technologies and direct replacement of 70W and 100W HID lamps. The CoreLine tempo small gen2 offers 2 lumen packages for different application areas as well as 2 high-performance asymmetrical and symmetrical optics. Installing this LED floodlight is made easy thanks to the U-shaped mounting bracket and the external quick 3-poles connector. It is an ideal flood lighting solution for outdoor environments such as industrial/commercial areas, parking lots, etc.

Product data

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
Serviceability class	Class C, luminaire without serviceable parts, not serviceable
Warranty period	5 years
Sustainability rating	–

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 m²

Coreline tempo small gen2

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)	Luminaire 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 ℃
Ambient temperature range	–40 to +45 ℃

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 at median useful life* 100000 h	L80

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	912300060609
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]

Coreline tempo small gen2

Dimensional drawing

www.lighting.philips.com

2024, December 6 – data subject to change