



Coreline tempo small gen2

BVP111 LED49-4S/730 S

Coreline tempo small gen2, Floodlight, 31 W, 4263 lm, 3000 K, CRI70, Symmetrical, 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		Sustainability rating	
Lamp family code	LED49 [LED module 4900 lm]		-
Number of gear units	1 unit	Light Technical	
Driver included	Yes	Upward light output ratio	0
Light source engine type	LED	Luminous Flux	4,263 lm
Service tag	Yes	Correlated Color Temperature (Nom)	3000 K
Lighting Technology	LED	Luminous Efficacy (rated) (Nom)	136 lm/W
Value ladder	Performance	Color rendering index (CRI)	70
Serviceability class	Class C, luminaire without serviceable parts, not serviceable	Light source color	730 warm white
Warranty period	5 years	Luminaire light beam spread	10° x 60°
		Optic type outdoor	Symmetrical

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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	31 W
Power Factor (Fraction)	0.9
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
Total harmonic distortion	9.7 %
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
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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
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5

Over Time Performance (IEC Compliant)

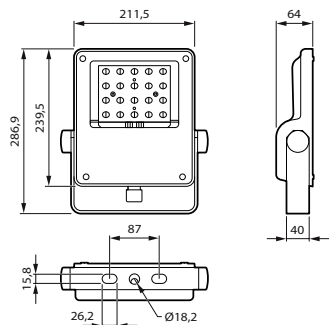
Control gear failure rate at median useful life 75000 h	10 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 75000 h	L80
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L90

Product Data

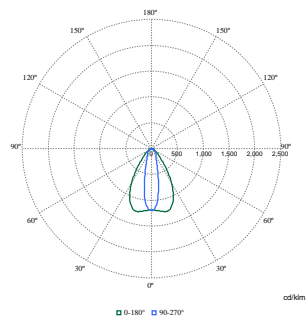
Order product name	BVP111 LED49-4S/730 S
Full product name	BVP111 LED49-4S/730 S
Full product code	872016955735200
Order code	912300060470
Material Nr. (12NC)	912300060470
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169557352
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169557352
Product family code	BVP111 [Coreline tempo small gen2]

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Dimensional drawing



Photometric data



Polar Normal (separate) - BVP1111 - 912300060470

