



# Coreline tempo small gen2

## BVP111 LED49-4S/730 OFA52

Coreline tempo small gen2, Floodlight, 31 W, 4263 lm, 3000 K, CRI70, Asymmetrical, IP66

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

### Product data

General Information		Light Technical	
Lamp family code	LED49 [LED module 4900 lm]	Upwards light output ratio	0
Number of gear units	Unit	Luminous Flux	4,263 lm
Driver included	Yes	Standard tilt angle post-top	0°
Light source engine type	LED	Standard tilt angle side entry	0°
Product family code	BVP111 [Coreline tempo small gen2]	Correlated Colour Temperature	3000 K
Lighting Technology	LED	Luminous efficacy (rated) (nom.)	136 lm/W
Value ladder	Performance	ENEC mark	ENEC mark
CE mark	Yes	EU RoHS compliant	Yes
Warranty period	5 years	Serviceability class	Class C, luminaire without serviceable parts, not serviceable
Flammability mark	For mounting on normally flammable surfaces		

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Colour rendering index (CRI)	70
Light source colour	730 warm white
Optical cover type	Flat glass
Luminaire light beam spread	60° x 120°
Optic type outdoor	Asymmetrical

### 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

### Temperature

Ambient temperature range	-40 to +45 °C
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### Controls and Dimming

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

### Mechanical and Housing

Housing material	Aluminium
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Glass
Fixation material	Aluminium
Housing Colour	Grey
Mounting device	Wall-mounting bracket
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	286.9 mm
Overall width	211.5 mm
Overall height	64 mm
Effective projected area	0.02 m <sup>2</sup>
Dimensions (height x width x depth)	64 x 212 x 287 mm

### Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
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Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode
Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 1 @200mm to EN62778

### 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 50,000 h	10 %
Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 75000 h	L80
Lumen maintenance at median useful life* 100,000 h	L80

### Application Conditions

Performance ambient temperature Tq	25 °C
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### Product Data

Order product name	BVP111 LED49-4S/730 OFA52
Full product name	BVP111 LED49-4S/730 OFA52
Full EOC	872016955681200
Order code	55681200
Material no. (12 NC)	912300060468
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169556812
Numerator – packs per outer box	1
EAN/UPC - Case	8720169556812

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### Dimensional drawing

