Coreline tempo small gen2

BVP111 LED51-4S/740 OFA52

Coreline tempo small gen2, Floodlight, 31 W, 4437 lm, 4000 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

Lamp family code	LED51 [LED module 5100 lm]
Number of gear units	Unit
Driver included	Yes
Light source engine type	LED
Product family code	BVP111 [Coreline tempo small gen2]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces

ENEC mark	ENEC mark
EU RoHS compliant	Yes
Serviceability class	Class C, luminaire without serviceable parts, not serviceable

Light Technical

Upwards light output ratio	0
Luminous Flux	4,437 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	142 lm/W

Coreline tempo small gen2

Colour rendering index (CRI)	70
Light source colour	740 neutral 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 ℃

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 m²
Dimensions (height x width x depth)	64 x 212 x 287 mm

Approval and Application

Ingress protection code	IP66 [Dust penetration–protected, jet-proof]

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	(0.434, 0.403) 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 ℃

Product Data

Order product name	BVP111 LED51-4S/740 OFA52
Full product name	BVP111 LED51-4S/740 OFA52
Full EOC	872016955679900
Order code	55679900
Material no. (12 NC)	912300060466
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8720169556799
Numerator – packs per outer box	1
EAN/UPC – Case	8720169556799

Coreline tempo small gen2

Dimensional drawing

www.lighting.philips.com