Coreline tempo Small – For every project where light really matters

Coreline tempo small

CoreLine tempo small is a highly efficient range of luminaires designed for 1:1 retrofit replacement of conventional technology, while retaining the same electrical installation and poles. It offers lower power consumption and requires less investment than conventional installations. A limited range of options makes it easy to find the best lux-for-lux replacement.The easy-to-install CoreLie tempo small offers a system flux that covers many different application areas and it comes with both high-performance asymmetrical and symmetrical optics.

Benefits
· Fast payback: energy savings
· Low-maintenance thanks to the long lifetime of the luminaire
· simple to install and connect
· Robust, high-quality finish
· Equipped with a service tag, a QR-based identification system that makes each luminaire uniquely identifiable and provides maintenance, installation and spare part information

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Features
· Highly efficient: up to 110 lm/W
· Designed for 1:1 retrofit replacement of conventional technology up to 70W HID
· Long lifetime of 75 000 hours (L80B10 at Ta 25 °C)
· System flux: 4,200 lm
· High-performance asymmetrical and symmetrical optics
· External quick 3-pole IP68 connector
· High surge protection: 10 kV

Application
· Bilboards/advertising lighting
· Landscape features
· Security and amenity lighting
· General lighting

Specifications

Type	BVP110	Optical element	Metachylate optical lens
Light source	Integral LED-module	Optical cover	Clear glass, flat
Power	38 W (+/-10 %)	Material	Housing: die-cast aluminium
Luminous flux	4200 lm	Colour	RAL9007 matt
Luminaire efficacy	110 lm/W	Connection	External IP68 quick connector (3-pole)
Correlated Colour Temperature	4,000 K	Maintenance	No internal cleaning required
Colour Rendering Index	>80	Installation	U-shaped mounting bracket with a foot-print suitable for 3-point fixation by means of M20 bolts
Lumen maintenance at median useful life* 75,000 h	min L80		Standing-up or hanging-down mounting
			U-bracket stirrup with standard bolts and nuts
			Protractor scale with intervals of 5º
Control gear failure rate at median useful life 75,000 h	7.5%		A mains M20 cable gland that accepts cable diameters from 10 to 14 mm with an external Quick 3-pole IP68 connector
			No need to open the luminaire for electrical connection
Performance Ambient Temperature Tq	+25 ºC	Operating temperature	-30 ºC < Ta < 35 ºC
Driver	Built-in (self-ballasted LED-module)	Projected area in horizontal position	At 90º, 0.052 m²
Mains voltage	220-240 V / 50-60 Hz		
Inrush current	5 A / 0.06 ms	Max adjustment from the horizontal	-170 to +170º
Dimming	No		
Control system input	No	Max vertical aiming	-90 to +90º
Options	No	Cable gland	M 20
Optic	Symmetrical		
	Asymmetrical		

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Versions

Coreline tempo small BVP110 flood-lighting luminaire

Product details

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Coreline_tempo_small-BVP110-DP02.tif

Coreline_tempo_small-BVP110-DP03.tif

Coreline_tempo_small-BVP110-DP05.tif

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Approval and Application

Mech. impact protection code	IK08
Surge Protection (Common/ Differential)	Surge protection level until 10 kV

Controls and Dimming

Dimmable	No

Operating and Electrical

Driver current	700 mA

General Information

CE mark	CE mark
Light source colour	Neutral white
Optical cover/lens type	FG
Driver included	Yes
Flammability mark	F
Glow-wire test	650/30
Lamp family code	LED42
Light source replaceable	No
Number of gear units	1 unit
Number of light sources	40
Standard RAL colour	Gray aluminum
UL mark	–

Initial Performance (IEC Compliant)

Init. Corr. Colour Temperature	4000 K
Init. Colour Rendering Index	80
Initial luminous flux	4200 lm

Light Technical

Standard tilt angle side entry	0°
Standard tilt angle posttop	0°
Upward light output ratio	88

Mechanical and Housing

Colour	Aluminum and gray

General Information

Order Code	Full Product Name	Luminaire light beam spread	Optic type
30635300	BVP110 LED42/NW A	39° x 96°	Asymmetrical
30636000	BVP110 LED42/NW S	92° x 91°	Symmetrical