



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 CoreLine 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

- Billboards/advertising lighting
- Landscape features
- Security and amenity lighting
- General lighting

Specifications

Type	BVP110
Light source	Integral LED-module
Power	38 W (+/-10 %)
Luminous flux	4200 lm
Luminaire efficacy	110 lm/W
Correlated Colour	4,000 K
Temperature	
Colour Rendering Index	>80
Lumen maintenance at median useful life* 75,000 h	min L80
Control gear failure rate at median useful life 75,000 h	7.5%
Performance Ambient Temperature Tq	+25 °C
Driver	Built-in (self-ballasted LED-module)
Mains voltage	220-240 V / 50-60 Hz
Inrush current	5 A / 0.06 ms
Dimming	No
Control system input	No
Options	No
Optic	Symmetrical Asymmetrical

Optical element	Metachlylate optical lens
Optical cover	Clear glass, flat
Material	Housing: die-cast aluminium
Colour	RAL9007 matt
Connection	External IP68 quick connector (3-pole)
Maintenance	No internal cleaning required
Installation	U-shaped mounting bracket with a foot-print suitable for 3-point fixation by means of M20 bolts Standing-up or hanging-down mounting U-bracket stirrup with standard bolts and nuts Protractor scale with intervals of 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
Operating temperature	-30 °C < Ta < 35 °C
Projected area in horizontal position	At 90°, 0.052 m²
Max adjustment from the horizontal	-170 to +170°
Max vertical aiming	-90 to +90°
Cable gland	M 20

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Versions



Coreline tempo small BVP110
flood-lighting luminaire

Product details



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DP01.tif



Coreline_tempo_small-BVP110-
DP02.tif



Coreline_tempo_small-BVP110-
DP03.tif



Coreline_tempo_small-BVP110-
DP05.tif



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DP06.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
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Operating and Electrical

Driver current	700 mA
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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	Temperature 650 °C, duration 30 s
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	No

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	Aluminium and Grey
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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

