



# 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

# Coreline tempo small

## 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

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

<b>Optical element</b>	Metachlylate optical lens
<b>Optical cover</b>	Clear glass, flat
<b>Material</b>	Housing: die-cast aluminium
<b>Colour</b>	RAL9007 matt
<b>Connection</b>	External IP68 quick connector (3-pole)
<b>Maintenance</b>	No internal cleaning required
<b>Installation</b>	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
<b>Operating temperature</b>	-30 °C < Ta < 35 °C
<b>Projected area in horizontal position</b>	At 90°, 0.052 m²
<b>Max adjustment from the horizontal</b>	-170 to +170°
<b>Max vertical aiming</b>	-90 to +90°
<b>Cable gland</b>	M 20

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## Versions



Coreline tempo small BVP110  
flood-lighting luminaire

## Product details



Coreline\_tempo\_small-BVP110-  
DP01.tif



Coreline\_tempo\_small-BVP110-  
DP02.tif



Coreline\_tempo\_small-BVP110-  
DP03.tif



Coreline\_tempo\_small-BVP110-  
DP05.tif



Coreline\_tempo\_small-BVP110-  
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	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
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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

