



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

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

| | |
|---|--------------------------------------|
| 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 | Metachlyate 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



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 |
|----------|----|

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 | 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 |
|--------|--------------------|

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 |

