



# 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 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 75Khrs L80 at Tq +25 °C
- System flux : 4200 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 Color  | 4000 K                               |
| Temperature   |                                      |
| Color Rendering Index   | >80                                  |
| Lumen maintenance at median useful life*<br>75000 h           | min L80                              |
| Control gear failure rate<br>at median useful life<br>75000 h | 7.5%                                 |
| Performance Ambient<br>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                                   |
| Controls system input   | No                                   |
| Options   | No                                   |
| Optic   | Symmetrical<br>Asymmetrical          |

|  |  |
|--|--|
| Optical element                          | Metachlylate optical lens  |
| Optical cover                            | Clear glass, flat  |
| Material                                 | Housing: die-cast aluminum   |
| Color                                    | RAL9007 matt   |
| Connection                               | External IP68 quick connector (3 pole)   |
| Maintenance                              | No internal cleaning required  |
| Installation                             | U-shaped mounting bracket with foot-print suitable for 3-point fixation by means of M20 bolts<br>Standing-up or hanging-down mounting<br>U-bracket stirrup with standard bolts and nuts<br>Protractor scale with intervals of 5°<br>Mains M20 cable gland that accept cable diameters from 10 to 14 mm with external Quick 3 poles IP68 connector<br>No need to open the luminaire for electrical connection |
| Operating temperature                    | -30°C < Ta < 35°C  |
| Projected area in<br>horizontal position | At 90°, 0.052 m²   |
| Max adjustment from<br>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



Side view



Front view



Rear view



Graduated aiming scale



Horizontal mounting position

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## Approval and Application

|  |  |
|--|--|
| Mech. impact protection code           | IK08   |
| Surge Protection (Common/Differential) | Luminaire surge protection level until 10 kV differential mode and 10 kV common mode |

## Controls and Dimming

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

## Operating and Electrical

|                |        |
|----------------|--------|
| Driver current | 700 mA |
|----------------|--------|

## General Information

|                          |   |
|--------------------------|---|
| CE mark                  | CE mark                                     |
| Light source color       | Neutral white                               |
| Optical cover/lens type  | Flat glass                                  |
| Driver included          | Yes   |
| Flammability mark        | For mounting on normally flammable surfaces |
| 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 pcs                                      |
| Standard RAL color       | Gray aluminum                               |
| UL mark                  | -   |

## Initial Performance (IEC Compliant)

|                               |         |
|-------------------------------|---------|
| Init. Corr. Color Temperature | 4000 K  |
| Init. Color 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

|       |                   |
|-------|-------------------|
| Color | Aluminum and gray |
|-------|-------------------|

## General Information

| Order Code   | Full Product Name | Luminaire light beam spread | Optic type   | Service tag |
|--------------|-------------------|-----------------------------|--------------|-------------|
| 911401555231 | BVP110 LED42/NW A | 39° x 96°                   | Asymmetrical | Yes         |
| 911401555331 | BVP110 LED42/NW S | 92° x 91°                   | Symmetrical  | -           |

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