# Coreline tempo small gen2

## BVP111 LED51-4S/740 S

Coreline tempo small gen2, Floodlight, 31 W, 4437 lm, 4000 K, CRI70, Symmetrical, IP66

Coreline tempo small gen2 delivers on the Coreline promise of innovative, easy to use and high-quality floodlight. A limited range of options makes it easy to find the best lux-for-lux replacement for conventional technologies and direct replacement of 70W and 100W HID lamps. The CoreLine tempo small gen2 offers 2 lumen packages for different application areas as well as 2 high-performance asymmetrical and symmetrical optics. Installing this LED floodlight is made easy thanks to the U-shaped mounting bracket and the external quick 3-poles connector. It is an ideal flood lighting solution for outdoor environments such as industrial/commercial areas, parking lots, etc.

## Product data

### General Information

| | |
|---|---|
| Lamp family code | LED51 [LED module 5100 lm] |
| Number of gear units | 1 unit |
| Driver included | Yes |
| Light source engine type | LED |
| Service tag | Yes |
| Lighting Technology | LED |
| Value ladder | Performance |
| Serviceability class | Class C, luminaire without serviceable parts, not serviceable |
| Warranty period | 5 years |

| | |
|---|---|
| Sustainability rating | – |

### Light Technical

| | |
|---|---|
| Upward light output ratio | 0 |
| Luminous Flux | 4,437 lm |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 142 lm/W |
| Color rendering index (CRI) | 70 |
| Light source color | 740 neutral white |
| Luminaire light beam spread | 10° x 60° |
| Optic type outdoor | Symmetrical |

# Coreline tempo small gen2

| | |
|---|---|
| Effective projected area | 0.02 m² |

## Operating and Electrical

| | |
|---|---|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 18 A |
| Inrush time | 0.3 ms |
| Power Consumption | 31 W |
| Power Factor (Fraction) | 0.9 |
| Connection | External connector |
| Cable | Cable 1.0 m with plug Wieland/Adels compatible 3-pole |
| Number of products on MCB of 16 A type B | 30 |
| Protection class IEC | Safety class I |
| Surge Protection (Common/Differential) | Luminaire surge protection level until 6 kV differential mode and 8 kV common mode |
| Total harmonic distortion | 9.7 % |

## Controls and Dimming

| | |
|---|---|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Constant light output | No |

## Mechanical and Housing

| | |
|---|---|
| Housing Material | Aluminum |
| Reflector material | – |
| Optic material | Polycarbonate |
| Optical cover material | Glass |
| Fixation material | Aluminum |
| Housing Color | Grey |
| Mounting device | Wall-mounting bracket |
| Optical cover shape | Flat |
| Optical cover finish | Clear |
| Overall length | 286.9 mm |
| Overall width | 211.5 mm |
| Overall height | 64 mm |
| Dimensions (Height x Width x Depth) | 64 x 212 x 287 mm |
| Ingress protection code | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected] |
| Standard tilt angle posttop | 0° |
| Standard tilt angle side entry | 0° |
| Optical cover type | Flat glass |
| Net Weight (Piece) | 2.570 kg |

## Emergency Operation

| | |
|---|---|
| Central Emergency | No |

## Approval and Application

| | |
|---|---|
| Flammability mark | For mounting on normally flammable surfaces |
| CE mark | Yes |
| ENEC mark | ENEC mark |
| Photobiological risk | Photobiological risk group 1 @200mm to EN62778 |
| EU RoHS compliant | Yes |
| Performance ambient temperature Tq | 25 °C |
| Ambient temperature range | –40 to +45 °C |

## Initial Performance (IEC Compliant)

| | |
|---|---|
| Luminous flux tolerance | +/-7% |
| Initial chromaticity | (0.434, 0.403) SDCM <5 |
| Power consumption tolerance | +/-10% |
| Init. Color Rendering Index Tolerance | +/-2 |
| Standard Deviation of Colour Matching (McAdam ellipse) | SDCM≤5 |

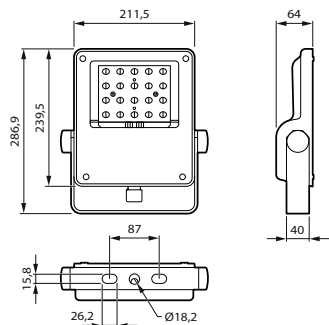## Over Time Performance (IEC Compliant)

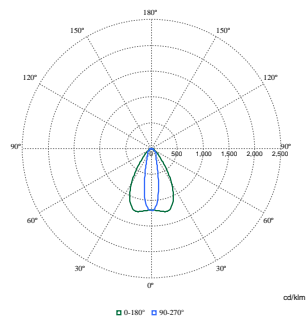| | |
|---|---|
| Control gear failure rate at median useful life 75000 h | 10 % |
| Control gear failure rate at median useful life 100000 h | 10 % |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 75000 h | L80 |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h | L90 |

## Product Data

| | |
|---|---|
| Order product name | BVP111 LED51-4S/740 S |
| Full product name | BVP111 LED51-4S/740 S |
| Full product code | 872016955680500 |
| Order code | 912300060467 |
| Material Nr. (12NC) | 912300060467 |
| Numerator – Quantity Per Pack | 1 |
| EAN/UPC – Product/Case | 8720169556805 |
| Numerator – Packs per outer box | 1 |
| EAN/UPC – Case | 8720169556805 |
| Product family code | BVP111 [Coreline tempo small gen2] |

# Coreline tempo small gen2

## Dimensional drawing



## Photometric data



**Polar Normal (separate) – BVP111I – 912300060467**

www.lighting.philips.com

2025, March 1 – data subject to change