



# Coreline tempo large

## BVP130 LED210-4S/740 PSU S ALU C1KC3

Coreline tempo large, Floodlight, 146 W, 21000 lm, 4000 K, CRI70, Symmetrical, IP66

CoreLine tempo large delivers on the CoreLine promise of innovative, easy to use and high quality luminaires. A narrow range of options makes it easy to find the best lux-for-lux replacement for 150W, 250W, and 400W HID lamps. The CoreLine tempo large floodlighting range offers lumen packages for many different application areas as well as a choice of high-performance asymmetrical and symmetrical optics. The installation is made easy thanks to the U-shaped universal mounting bracket and the external quick 3-poles connector. It is an ideal solution for outdoor areas such as tempo floodlights for industrial/commercial areas, parking lots, etc.

### Product data

| General Information      |   |                           |   |
|--------------------------|---|---------------------------|---|
| Lamp family code         | LED210-4S [LED module, system flux 21000 lm]  | Light source engine type  | LED   |
| Light source replaceable | Yes   | Product family code       | BVP130 [CORELINE TEMPO LARGE]                                 |
| Number of gear units     | 1 unit  | Lighting Technology       | LED   |
| Driver included          | Yes   | Value ladder              | Performance   |
| Remarks                  | *-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value. * At extreme ambient temperatures the luminaire might automatically dim down to protect components | CE mark                   | Yes   |
|                          |   | Warranty period           | 5 years   |
|                          |   | Flammability mark         | For mounting on normally flammable surfaces                   |
|                          |   | ENEC mark                 | ENEC mark   |
|                          |   | EU RoHS compliant         | Yes   |
|                          |   | Serviceability class      | Class C, luminaire without serviceable parts, not serviceable |
|                          |   | <b>Light Technical</b>    |   |
|                          |   | Upward light output ratio | 0   |

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|                                    |                   |
|------------------------------------|-------------------|
| Luminous Flux                      | 21,000 lm         |
| Standard tilt angle posttop        | 0°                |
| Standard tilt angle side entry     | 0°                |
| Correlated Color Temperature (Nom) | 4000 K            |
| Luminous Efficacy (rated) (Nom)    | 147 lm/W          |
| Color rendering index (CRI)        | 70                |
| Number of light sources            | 80                |
| Light source color                 | 740 neutral white |
| Optical cover type                 | Flat glass        |
| Luminaire light beam spread        | 70° x 21°         |
| Optic type outdoor                 | Symmetrical       |

## Operating and Electrical

|                         |   |
|-------------------------|---|
| Input Voltage           | 220 to 240 V  |
| Line Frequency          | 50 to 60 Hz   |
| Inrush current          | 58 A  |
| Inrush time             | 0.34 ms   |
| Power Consumption       | 146 W   |
| Power Factor (Fraction) | 0.99  |
| 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 7

## Temperature

|                           |               |
|---------------------------|---------------|
| Ambient temperature range | -40 to +45 °C |
|---------------------------|---------------|

## Controls and Dimming

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

## Mechanical and Housing

|                        |                             |
|------------------------|-----------------------------|
| Housing Material       | Aluminum die cast           |
| Reflector material     | -                           |
| Optic material         | Polycarbonate               |
| Optical cover material | Glass                       |
| Fixation material      | Aluminum                    |
| Housing Color          | Gray                        |
| Mounting device        | Mounting bracket adjustable |
| Optical cover shape    | Flat                        |
| Optical cover finish   | Clear                       |
| Overall length         | 340.5 mm                    |
| Overall width          | 422 mm                      |

|                                     |                   |
|-------------------------------------|-------------------|
| Overall height                      | 40 mm             |
| Effective projected area            | 0.15 m²           |
| Dimensions (Height x Width x Depth) | 40 x 422 x 341 mm |

## Approval and Application

|  |  |
|--|--|
| Ingress protection code                | IP66 [Dust penetration-protected, jet-proof]                                       |
| Mech. impact protection code           | IK08 [5 J vandal-protected]  |
| Surge Protection (Common/Differential) | Luminaire surge protection level until 6 kV differential mode and 8 kV common mode |
| Sustainability rating                  | -  |
| Protection class IEC                   | Safety class I   |
| Photobiological risk                   | Photobiological risk group 1 @200mm to EN62778                                     |

## Initial Performance (IEC Compliant)

|                                       |                        |
|---------------------------------------|------------------------|
| Luminous flux tolerance               | +/-7%                  |
| Initial chromaticity                  | (0.382, 0.379) SDCM <5 |
| Power consumption tolerance           | +/-10%                 |
| Init. Color Rendering Index Tolerance | +/-2                   |

## 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 at median useful life* 75000 h         | L80  |
| Lumen maintenance at median useful life* 100000 h        | L80  |

## Application Conditions

|                                    |       |
|------------------------------------|-------|
| Performance ambient temperature Tq | 25 °C |
|------------------------------------|-------|

## Product Data

|                                 |                                      |
|---------------------------------|--------------------------------------|
| Order product name              | BVP130 LED210-4S/740 PSU S ALU C1KC3 |
| Full product name               | BVP130 LED210-4S/740 PSU S ALU C1KC3 |
| Full product code               | 871869909643400                      |
| Order code                      | 912300023664                         |
| Material Nr. (12NC)             | 912300023664                         |
| Numerator - Quantity Per Pack   | 1                                    |
| EAN/UPC - Product/Case          | 8718699096434                        |
| Numerator - Packs per outer box | 1                                    |
| EAN/UPC - Case                  | 8718699096434                        |

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## Dimensional drawing

