



# Coreline tempo large

## BVP130 LED210-4S/740 OFA52

CORELINE TEMPO LARGE - LED module, system flux 21000 lm  
- 4th generation, screw fixation - 740 neutral white - Optiflux  
asymmetrical axis angle 52°

CoreLine tempo large is a highly efficient range of floodlights designed for 1:1 retrofit replacement of conventional technology, while retaining the same electrical installation and poles. A limited range of options makes it easy to find the best lux-for-lux replacement. The easy-to-install CoreLine tempo large offers lumen packages for many different application areas as well as a choice of high-performance asymmetrical and symmetrical optics. U-shaped universal mounting bracket and external quick 3-poles IP68 connector.

### Product data

| General Information           |   |                      |  |
|-------------------------------|---|----------------------|--|
| Number of light sources       | 80 pcs  | Cable                | Cable 1.0 m with plug Wieland/Adels compatible 3-pole  |
| Lamp family code              | LED210-4S [ LED module, system flux 21000 lm] | Protection class IEC | Safety class I   |
| Lamp version                  | 4S [ 4th generation, screw fixation]          | Flammability mark    | For mounting on normally flammable surfaces  |
| Light source color            | 740 neutral white                             | CE mark              | CE mark  |
| Light source replaceable      | Yes   | ENEC mark            | ENEC mark  |
| Number of gear units          | 1 unit  | UL mark              | -  |
| Driver/power unit/transformer | Power supply unit                             | Warranty period      | 5 years  |
| Driver included               | Yes   | Optic type outdoor   | Optiflux asymmetrical axis angle 52°   |
| Optical element               | -   | RAL color            | Gray aluminum (9007)   |
| Optical cover/lens type       | Flat glass                                    | 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, |
| Luminaire light beam spread   | 52° x 102°                                    |                      |  |
| Connection                    | External connector                            |                      |  |

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|  |  |
|--|--|
|  | the median useful life (B50) value also represents the B10 value. * At extreme ambient temperatures the luminaire might automatically dim down to protect components |
| Constant light output                    | No   |
| Spare parts available                    | Yes  |
| Number of products on MCB of 16 A type B | 7  |
| Lifecycle services                       | Maintenance services   |
| Photobiological risk                     | Photobiological risk group 1 @ 200mm to EN62471  |
| Product recyclability                    | 95%  |
| EU RoHS compliant                        | Yes  |
| WEEE mark                                | WEEE mark  |
| Light source engine type                 | LED  |
| Accessory PFC                            | N/A  |
| Serviceability class                     | Class C, luminaire without serviceable parts, not serviceable  |
| Product family code                      | BVP130 [ CORELINE TEMPO LARGE]   |

### Light Technical

|                                |    |
|--------------------------------|----|
| Upward light output ratio      | 0  |
| Standard tilt angle posttop    | 0° |
| Standard tilt angle side entry | 0° |

### Operating and Electrical

|                    |              |
|--------------------|--------------|
| Input Voltage      | 220 to 240 V |
| Input Frequency    | 50 to 60 Hz  |
| Inrush current     | 58 A         |
| Inrush time        | 0.34 ms      |
| Driver current     | 700 mA       |
| Power Factor (Max) | 0.9          |
| Power Factor (Min) | 0.99         |
| Power Factor (Nom) | 0.9          |

### Controls and Dimming

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

### Mechanical and Housing

|                             |                             |
|-----------------------------|-----------------------------|
| Housing Material            | Aluminum die cast           |
| Reflector material          | Acrylate                    |
| Optic material              | Polymethyl methacrylate     |
| Optical cover/lens material | Glass                       |
| Fixation material           | Aluminum                    |
| Mounting device             | Mounting bracket adjustable |
| Optical cover/lens shape    | Flat                        |

|                                     |  |
|-------------------------------------|--|
| Optical cover/lens finish           | Clear                                    |
| Overall length                      | 340.5 mm                                 |
| Overall width                       | 422 mm                                   |
| Overall height                      | 40 mm                                    |
| Effective projected area            | 0.15 m²                                  |
| Color                               | Gray                                     |
| Dimensions (Height x Width x Depth) | 40 x 422 x 341 mm (1.6 x 16.6 x 13.4 in) |

### 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 |

### Initial Performance (IEC Compliant)

|                                     |                        |
|-------------------------------------|------------------------|
| Initial luminous flux (system flux) | 21000 lm               |
| Luminous flux tolerance             | +/-7%                  |
| Initial LED luminaire efficacy      | 130 lm/W               |
| Init. Corr. Color Temperature       | 4000 K                 |
| Init. Color Rendering Index         | 70                     |
| Initial chromaticity                | (0.382, 0.379) SDCM <5 |
| Initial input power                 | 164 W                  |
| Power consumption tolerance         | +/-10%                 |

### Over Time Performance (IEC Compliant)

|   |       |
|---|-------|
| Control gear failure rate at median useful life 75000 h | 7.5 % |
| Lumen maintenance at median useful life* 75000 h        | L80   |

### Application Conditions

|                                    |               |
|------------------------------------|---------------|
| Ambient temperature range          | -40 to +50 °C |
| Performance ambient temperature Tq | 25 °C         |

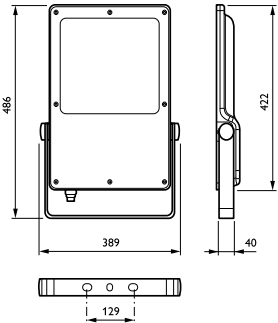
### Product Data

|                                 |                            |
|---------------------------------|----------------------------|
| Full product code               | 871869909640300            |
| Order product name              | BVP130 LED210-4S/740 OFA52 |
| EAN/UPC - Product               | 8718699096403              |
| Order code                      | 912300023661               |
| Numerator - Quantity Per Pack   | 1                          |
| Numerator - Packs per outer box | 1                          |
| Material Nr. (12NC)             | 912300023661               |
| Net Weight (Piece)              | 7.500 kg                   |



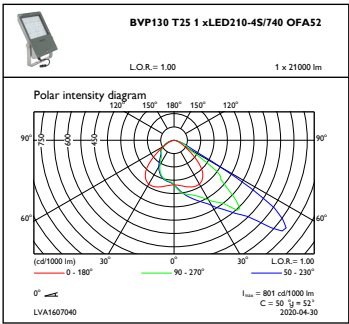
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Dimensional drawing

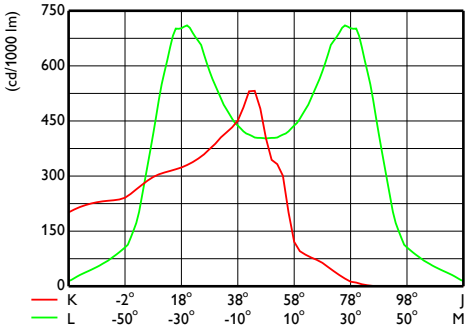


CoreLine Tempo BVP110/120/125/130/140

Photometric data



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OFCS1\_BVP130T251xLED210-4S740OFA52

