



Coreline tempo large

BVP130 LED210-4S/740 S

CORELINE TEMPO LARGE - LED module 21,000 lm - 4th generation, screw fixation - 740 neutral white - Symmetrical

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.

Product data

| General Information | | UL mark | No |
|-------------------------------|--|---------------------------|--------------------------------|
| Number of light sources | 80 [80 pcs] | Warranty period | 3 years |
| Lamp family code | LED210 [LED module 21,000 lm] | Outdoor optic type | Symmetrical |
| Lamp version | 4S [4th generation, screw fixation] | RAL colour | Gray aluminum (9007) |
| Light source colour | 740 neutral white | Constant light output | No |
| Light source replaceable | Yes | Spare parts available | Yes |
| Number of gear units | 1 unit | Number of products on MCB | 1 |
| Driver/power unit/transformer | PSU [Power supply unit] | Lifecycle services | Maintenance services |
| Driver included | Yes | Photobiological risk | Risk group 1 |
| Optical cover/lens type | FG [Flat glass] | Product recyclability | 95% |
| Luminaire light beam spread | 70° x 21° | RoHS mark | RoHS mark |
| Connection | CE [External connector] | WEEE mark | WEEE mark |
| Protection class IEC | Safety class I (I) | LED engine type | LED |
| Flammability mark | F [For mounting on normally flammable surfaces] | Accessory PFC | N/A |
| CE mark | CE mark | Product Family Code | BVP130 [CORELINE TEMPO LARGE] |
| ENEC mark | ENEC mark | | |

Coreline tempo large

Light Technical

| | |
|--------------------------------|----|
| Upward light output ratio | 0 |
| Standard tilt angle post-top | 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.) | 0.9 |
| 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 | MBA [Mounting bracket adjustable] |
| Optical cover/lens shape | Flat |
| Optical cover/lens finish | Clear |
| Overall length | 486 mm |
| Overall width | 389 mm |
| Overall height | 40 mm |
| Effective projected area | 0.15 m ² |

Approval and Application

| | |
|------------------------------|---|
| Ingress protection code | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected] |

Initial Performance (IEC Compliant)

| | |
|--------------------------------|------------------------|
| Initial luminous flux | 21000 lm |
| Luminous flux tolerance | +/-7% |
| Initial LED luminaire efficacy | 130 lm/W |
| Init. Corr. colour temperature | 4000 K |
| Init. colour rendering index | >70 |
| Initial chromaticity | (0.382, 0.379) SDCM <3 |
| Initial input power | 162 W |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

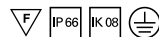
| | |
|---|---------|
| Driver failure rate at 5,000 hours | 0.5 % |
| Abrupt failure value at L80B10 | 0.5 % |
| Useful life L80B10 | 70000 h |
| Lumen maintenance at useful life of 100,000 h, at 25 °C | 90 |

Application Conditions

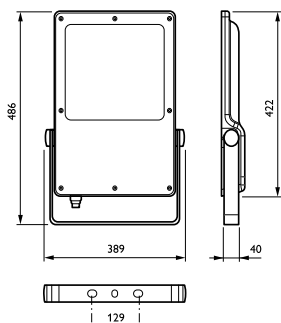
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|-----------------------------|---------------|
| Ambient temperature range | -40 to +35 °C |
| Average ambient temperature | 25 °C |

Product Data

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|---------------------------------|------------------------|
| Full product code | 871869909643400 |
| Order product name | BVP130 LED210-4S/740 S |
| EAN/UPC – product | 8718699096434 |
| Order code | 09643400 |
| Numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 1 |
| Material no. (12NC) | 912300023664 |
| Net weight (piece) | 7.500 kg |



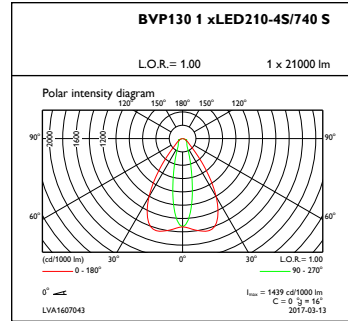
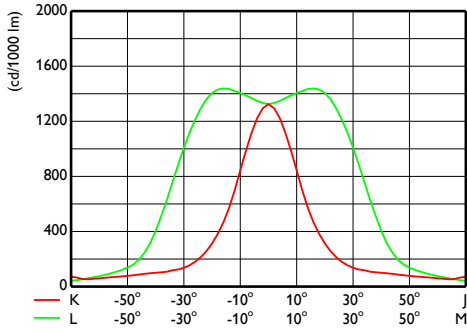
Dimensional drawing



CoreLine Tempo BVP110/120/130

Coreline tempo large

Photometric data



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OFPC1_BVP1301xLED210740S

