



Coreline tempo X-Large

BVP140 LED480-4S 40K3/740 PSD OFA52 D9

Coreline tempo X-Large, Floodlight, 295 W, 40500 lm, 4000 K, CRI70, DALI, Asymmetrical, IP66

CoreLine tempo X-Large delivers on the CoreLine promise of innovative, easy to use and high-quality floodlighting. The CoreLine tempo X-Large offers lumen packages for many different application areas as well as a choice of high-performance asymmetrical and symmetrical optics. A direct replacement for 250-W, 400-W HID and SON-T lamps, thanks to a narrow range of options, it's easy to find the best lux-for-lux replacement. The installation is also made easy due to a U-shaped universal mounting bracket and the external quick 3-poles connector. It is an ideal solution for outdoor LED flood lighting for industrial/commercial areas, car parks etc.

Product data

| General Information | | Warranty period | |
|--------------------------|--|--------------------------------|---|
| Lamp family code | LED480 [LED module 48000 lm] | Warranty period | 5 years |
| Light source replaceable | Yes | Flammability mark | For mounting on easily flammable surfaces |
| Number of gear units | 2 units | ENEC mark | ENEC plus mark |
| Driver included | Yes | EU RoHS compliant | Yes |
| Remarks | * At extreme ambient temperatures the luminaire might automatically dim down to protect components | Serviceability class | Class C, luminaire without serviceable parts, not serviceable |
| Light source engine type | LED | Light Technical | |
| Product family code | BVP140 [CORELINE TEMPO X-LARGE] | Upwards light output ratio | 0 |
| Lighting Technology | LED | Luminous Flux | 40,500 lm |
| Value ladder | Performance | Standard tilt angle post-top | 0° |
| CE mark | Yes | Standard tilt angle side entry | 0° |
| | | Correlated Colour Temperature | 4000 K |

Coreline tempo X-Large

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|----------------------------------|-------------------|
| Luminous efficacy (rated) (nom.) | 137 lm/W |
| Colour rendering index (CRI) | >70 |
| Light source colour | 740 neutral white |
| Optical cover type | Flat glass |
| Luminaire light beam spread | 103° - 8° x 57° |
| Optic type outdoor | Asymmetrical |

Operating and Electrical

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|--|---|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 53 A |
| Inrush time | 0.3 ms |
| Power Consumption | 295 W |
| Power Factor (Fraction) | 0.99 |
| Connection | Connection unit 5-pole |
| Cable | Cable 1.0 m with plug Wieland/Adels compatible 5-pole |
| Number of products on MCB of 16 A type B | 4 |

Temperature

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

Controls and Dimming

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|-------------------------------|---------------------------------------|
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit with DALI interface |
| Control interface | DALI |
| Constant light output | No |

Mechanical and Housing

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|-------------------------------------|-----------------------------|
| Housing material | Aluminium die cast |
| Reflector material | - |
| Optic material | Acrylate |
| Optical cover/lens material | Glass |
| Fixation material | Steel |
| Housing Colour | Aluminium |
| Mounting device | Mounting bracket adjustable |
| Optical cover/lens shape | Flat |
| Optical cover/lens finish | Clear |
| Overall length | 540 mm |
| Overall width | 560 mm |
| Overall height | 70 mm |
| Effective projected area | 0.26 m ² |
| Dimensions (height x width x depth) | 70 x 560 x 540 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 up to 6 kV differential mode and 8 kV common mode |
| Sustainability rating | - |
| Protection class IEC | Safety class I |

Initial Performance (IEC Compliant)

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|---------------------------------------|----------------------|
| Luminous flux tolerance | +/-7% |
| Initial chromaticity | (0.38, 0.38) SDCM <5 |
| Power consumption tolerance | +/-10% |
| Init. Color Rendering Index Tolerance | +/-2 |

Over Time Performance (IEC Compliant)

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|---|------|
| Control gear failure rate at median useful life 50,000 h | 10 % |
| Control gear failure rate at median useful life 100,000 h | 10 % |
| Lumen maintenance at median useful life* 75000 h | L80 |
| Lumen maintenance at median useful life* 100,000 h | L80 |

Application Conditions

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

Product Data

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|-----------------------------------|--|
| Order product name | BVP140 LED480-4S 40K3/740 PSD OFA52 D9 |
| Full product name | BVP140 LED480-4S 40K3/740 PSD OFA52 D9 |
| Full EOC | 871869987286100 |
| Order code | 87286100 |
| Material no. (12 NC) | 912300024342 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC – Product/Case | 8718699872861 |
| Numerator – packs per outer box | 1 |
| EAN/UPC - Case | 8718699872861 |

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Dimensional drawing

