



Coreline tempo medium

BVP125 LED120-4S/730 PSU OFA52 ALU C1KC3

Coreline tempo medium, Floodlight, 88 W, 12000 lm, 3000 K, CRI70, Asymmetrical, IP66

Coreline tempo medium delivers on the Coreline promise of innovative, easy to use and high quality floodlighting. A limited range of options makes it easy to find the best lux-for-lux replacement for conventional technologies and direct replacement of 100W and 150W HID lamps . The CoreLine tempo medium offers lumen packages for many different application areas as well as a choice of high-performance asymmetrical and symmetrical optics. Installing the LED flood lighting is made easy thanks to the U-shaped universal mounting bracket and the external quick 3-poles connector. It is an ideal floodlighting solution for outdoor environments such as industrial/commercial areas, parking lots, etc.

Product data

| General Information | | | |
|--------------------------|--|--------------------------------|---|
| Lamp family code | LED120 [LED module 12000 lm] | CE mark | Yes |
| Light source replaceable | No | Warranty period | 5 years |
| Number of gear units | 1 unit | Flammability mark | For mounting on normally flammable surfaces |
| Driver included | Yes | ENEC mark | ENEC mark |
| Remarks | * At extreme ambient temperatures the luminaire might automatically dim down to protect components | EU RoHS compliant | Yes |
| Light Technical | | | |
| Light source engine type | LED | Upward light output ratio | 0 |
| Product family code | BVP125 [Coreline tempo medium] | Luminous Flux | 12,000 lm |
| Lighting Technology | LED | Standard tilt angle posttop | 0° |
| Value ladder | Performance | Standard tilt angle side entry | 0° |

Coreline tempo medium

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|------------------------------------|-----------------|
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 136 lm/W |
| Color rendering index (CRI) | 70 |
| Light source color | 730 warm white |
| Optical cover type | Flat glass |
| Luminaire light beam spread | 9° - 41° x 102° |
| 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 | 88 W |
| Power Factor (Fraction) | 0.98 |
| 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 | 8 |

Temperature

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

Controls and Dimming

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

Mechanical and Housing

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|-------------------------------------|-----------------------|
| Housing Material | Aluminum |
| Reflector material | - |
| Optic material | Polycarbonate |
| Optical cover material | Glass |
| Fixation material | Aluminum |
| Housing Color | Gray |
| Mounting device | Wall-mounting bracket |
| Optical cover shape | Flat |
| Optical cover finish | Clear |
| Overall length | 340.5 mm |
| Overall width | 265 mm |
| Overall height | 67.4 mm |
| Effective projected area | 0.09 m² |
| Dimensions (Height x Width x Depth) | 67 x 265 x 341 mm |

Approval and Application

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| 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)

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|---------------------------------------|------------------------|
| Luminous flux tolerance | +/-7% |
| Initial chromaticity | (0.434, 0.403) 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 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

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

Product Data

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|---------------------------------|--|
| Order product name | BVP125 LED120-4S/730 PSU OFA52 ALU C1KC3 |
| Full product name | BVP125 LED120-4S/730 PSU OFA52 ALU C1KC3 |
| Full product code | 871869990515600 |
| Order code | 912300057764 |
| Material Nr. (12NC) | 912300057764 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718699905156 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718699905156 |

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Dimensional drawing

