



Coreline tempo large

BVP130 LED160-4S/740 PSU OFA52 ALU C1KC3

Coreline tempo large, Floodlight, 109 W, 16000 lm, 4000 K, CRI70, Asymmetrical, IP66

Floodlight, Aluminium, Grey, Grey aluminium (RAL9007), Power supply unit (On/Off), 16000 lm, 109 W, 150 lm/W, 4000 K, (0.382, 0.379) SDCM <5, CRI70, Asymmetrical, IP66 | Dust penetration-protected, jet-proof, IK08 | 5 J vandal-protected, Safety class I, Surge protection level until 6 kV differential mode and 8 kV common mode, Cable 1.0 m with plug Wieland/Adels compatible 3-pole, External connector

Product data

| General Information | |
|--------------------------|--|
| Lamp family code | LED160-4S [LED module, system flux 16000 lm] |
| Light source replaceable | Yes |
| Number of gear units | Unit |
| Driver included | Yes |
| Light source engine type | LED |
| Service Tag | Yes |
| Lighting Technology | LED |
| Value ladder | Performance |
| Warranty period | 5 years |

| Light Technical | |
|-------------------------------------|-----------|
| Upwards light output ratio | 0 |
| Luminous Flux | 16,000 lm |
| Correlated Colour Temperature (Nom) | 4000 K |
| Luminous efficacy (rated) (nom.) | 150 lm/W |

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|------------------------------|---------------------|
| Colour rendering index (CRI) | 70 |
| Number of light sources | 60 |
| Light source colour | 740 neutral white |
| Luminaire light beam spread | 52° x 102° |
| Optic type outdoor | Asymmetrical |
| Effective projected area | 0.15 m ² |

| Operating and Electrical | |
|--------------------------|---|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 53 A |
| Inrush time | 0.3 ms |
| Power Consumption | 109 W |
| Power Factor (Fraction) | 0.99 |
| Connection | External connector |
| Cable | Cable 1.0 m with plug Wieland/Adels compatible 3-pole |

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| Number of products on MCB (16 A type B) | 8 |
| Protection class IEC | Safety class I |
| Surge Protection (Common/Differential) | Surge protection level until 6 kV differential mode and 8 kV common mode |
| Total harmonic distortion | 8.9 % |

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 | Aluminium |
| Reflector material | - |
| Optic material | Polycarbonate |
| Optical cover/lens material | Glass |
| Fixation material | Aluminium |
| Housing Colour | Grey |
| Mounting device | Wall-mounting bracket |
| Optical cover/lens shape | Flat |
| Optical cover/lens finish | Clear |
| Overall length | 340.5 mm |
| Overall width | 422 mm |
| Overall height | 67.4 mm |
| Dimensions (height x width x depth) | 67 x 422 x 341 mm |
| Ingress protection code | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected] |
| Standard tilt angle post-top | 0° |
| Standard tilt angle side entry | 0° |
| Optical cover type | Flat glass |
| Net Weight (Piece) | 7.500 kg |

Emergency Operation

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|-------------------|----|
| Central Emergency | No |
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Approval and Application

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|------------------------------------|--|
| Flammability mark | For mounting on normally flammable surfaces |
| CE mark | Yes |
| ENEC mark | ENEC mark |
| Photobiological risk | Photobiological risk group 1 @200mm to EN62778 |
| EU RoHS compliant | Yes |
| Performance ambient temperature Tq | 25 °C |

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| Remarks | * – According to the Lighting Europe guidance paper 'Evaluating the performance of LED -based luminaires – January 2018'; statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value. * At extreme ambient |
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| | temperatures the luminaire might automatically dim down to protect components |
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| Ambient temperature range | -40 to +45 °C |
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Initial Performance (IEC Compliant)

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| Luminous flux tolerance | +/-7% |
| Initial chromaticity | (0.382, 0.379) SDCM <5 |
| Power consumption tolerance | +/-10% |
| Init. Colour Rendering Index Tolerance | +/-2 |
| Standard Deviation of Colour Matching (McAdam ellipse) | SDCM≤5 |

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 (EN-IEC 62722-2-1) at median useful life* 75000 h | L80 |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h | L90 |

Sustainability Data

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| Sustainability rating | Unclassified |
| Repair class | Repair Class D, this product is not designed to be repaired. |
| Embedded carbon (A1-A3) | 75 kg CO ₂ e |
| Product non-virgin material ratio | 5.11 % |
| Recyclable the content ratio of the finished product | 40.9 % |
| GWP total B6 (kg CO ₂ eq) Declared Unit | Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO ₂ eq / kWh) |
| GWP total B6 (kg CO ₂ eq) Functional Unit | Please calculate using your local energy mix value: POWER DECLARED UNIT (kW) * 1000 (lm) / LUMEN OUTPUT DECLARED UNIT (lm) * 35000 (hrs) * ENERGY MIX (kg CO ₂ eq / kWh) |

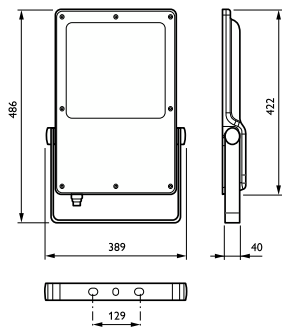
Product Data

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|---------------------------------|--|
| Order product name | BVP130 LED160-4S/740 PSU OFA52 ALU C1KC3 |
| Full product name | BVP130 LED160-4S/740 PSU OFA52 ALU C1KC3 |
| Full EOC | 871869909641000 |
| Order code | 912300023662 |
| Material no. (12 NC) | 912300023662 |
| Numerator – quantity per pack | 1 |
| EAN/UPC – Product/Case | 8718699096410 |
| Numerator – packs per outer box | 1 |

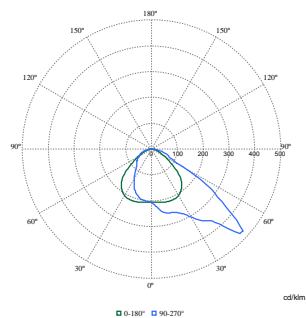
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| EAN/UPC - Case | 8718699096410 |
| Product family code | BVP130 [CORELINE TEMPO LARGE] |

Dimensional drawing



Photometric data



Polar Normal (separate) - BVP130I - 912300023662

