



CoreLine tubular waterproof

WT210C LED70S/840 PSU TW1 PMMA L1500

CoreLine tubular waterproof, 54 W, L1500 mm, 7000 lm, 4000 K, Very wide beam, Opal, IP69K, IK06, TW1

CoreLine Tubular Waterproof delivers on the CoreLine promise of innovative, easy-to-use and high-quality luminaires. A reliable, efficient luminaire with a very long lifetime, CoreLine Tubular Waterproof comes in two versions to meet various applications needs. The ammonia-resistant and sealed luminaire (PMMA tube) is suitable for animal lighting, livestock and food applications, while the PC version offers a modern and industrial design that is suitable for a wide range of general lighting applications. Both versions come with significant dust, water and impact protection, making them relevant for specific applications. CoreLine Tubular Waterproof WT210C luminaires promise energy savings and less maintenance. At the same time, they can be installed in next to no time and without tools, thanks to pre-installed through-wiring and an external connector, which mean the luminaire does not require opening. These waterproof lighting solutions are flexible to mount on ceilings or suspended in both indoor and outdoor environments.

Product data

| | | | | |
|----------------------------|-----------------------------|------------------------|---|---------|
| General Information | | Warranty period | | 5 years |
| Light source replaceable | No | Flammability mark | For mounting on easily flammable surfaces | |
| Number of gear units | 1 unit | ENEC mark | ENEC mark | |
| Driver included | Yes | Glow-wire test | Temperature 650 °C, duration 30 s | |
| Feed-through wiring | Feed-through wiring 1-phase | EU RoHS compliant | Yes | |
| Lighting Technology | LED | | | |
| Value ladder | Performance | | | |
| CE mark | Yes | | | |

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| Light Technical | |
|---|-------------------|
| Luminous Flux | 7,000 lm |
| Saturated Red (R9) | <50 |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 130 lm/W |
| Color rendering index (CRI) | >80 |
| Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | 1 |
| Stroboscopic effect visibility measure (SVM) | 1.6 |
| Light source color | 840 neutral white |
| Optic type | Very wide beam |
| Luminaire light beam spread | 130° |
| Unified glare rating CEN | 26 |

| Operating and Electrical | |
|--|--------------------------|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 or 60 Hz |
| Inrush current | 40 A |
| Inrush time | 0.1 ms |
| Power Consumption | 54 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector 3-pole |
| Cable | - |
| Number of products on MCB of 16 A type B | 18 |

| Temperature | |
|---------------------------|---------------|
| Ambient temperature range | -20 to +40 °C |

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

| Mechanical and Housing | |
|------------------------|-------------------------|
| Housing Material | Plastic |
| Reflector material | Aluminum |
| Optic material | Polymethyl methacrylate |
| Optical cover material | Polymethyl methacrylate |
| Fixation material | Stainless steel |
| Housing Color | White |
| Optical cover finish | Opal |
| Overall length | 1,640 mm |
| Overall width | 69 mm |
| Overall height | 69 mm |

| | |
|-------------------------------------|-------------------|
| Overall diameter | 69 mm |
| Dimensions (Height x Width x Depth) | 69 x 69 x 1640 mm |

| Approval and Application | |
|------------------------------------|---|
| Ingress protection code | IP69K [Dust penetration-protected, pressure watertight 80 °C] |
| Mech. impact protection code | IK06 [1 J] |
| Sustainability rating | - |
| Protection class IEC | Safety class I |
| Photobiological risk | Photobiological risk group 1 @200mm to EN62778 |
| Photobiological risk specification | 0.2 m |

| Initial Performance (IEC Compliant) | |
|-------------------------------------|------------------|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.38,0.38)SDCM3 |
| Power consumption tolerance | +/-10% |

| Over Time Performance (IEC Compliant) | |
|---|-----|
| Control gear failure rate at median useful life 50000 h | 5 % |
| Lumen maintenance at median useful life* 50000 h | L80 |

| Application Conditions | |
|------------------------------------|----------------|
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level | Not applicable |
| Suitable for random switching | Not applicable |

| Product Data | |
|---------------------------------|--------------------------------------|
| Order product name | WT210C LED70S/840 PSU TW1 PMMA L1500 |
| Full product name | WT210C LED70S/840 PSU TW1 PMMA L1500 |
| Full product code | 871951494736899 |
| Order code | 911401827984 |
| Material Nr. (12NC) | 911401827984 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8719514947368 |
| Numerator - Packs per outer box | 6 |
| EAN/UPC - Case | 8719514947405 |

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Dimensional drawing

