



# CoreLine Waterproof

## WT120C LED40S/840 IA1 L1200

CoreLine Waterproof, 36.5 W, L1200 mm, 4100 lm, 4000 K, Wireless, Interact Ready, Textured, IP65, IK08, TW1-ready

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Waterproof range of LED products can be used to replace traditional waterproof luminaires with fluorescent lamps. The process of selecting, installing and maintaining is so easy – it's a simple switch.

### Warnings and Safety

- UV radiation will damage the material over time resulting in loss of waterproof sealing and IP66 rating.
- Do not install the luminaire in locations where it will be exposed to direct sunlight.

### Product data

| General Information      |  | Service tag         |   |
|--------------------------|--|---------------------|---|
| Lamp family code         | -  | Service tag         | Yes                                       |
| Light source replaceable | No   | Product family code | WT120C [Coreline Waterproof]              |
| Number of gear units     | 1 unit   | Connectivity        | Interact Ready                            |
| Driver included          | Yes  | Lighting Technology | LED                                       |
| Feed-through wiring      | Simple Connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included)  | Value ladder        | Performance                               |
| Remarks                  | *-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value. | Embedded control    | Interact SNS210 sensor                    |
|                          |  | CE mark             | Yes                                       |
|                          |  | Warranty period     | 5 years                                   |
|                          |  | Flammability mark   | For mounting on easily flammable surfaces |
|                          |  | ENEC mark           | ENEC mark                                 |
|                          |  | Glow-wire test      | Temperature 850 °C, duration 30 s         |
|                          |  | EU RoHS compliant   | Yes                                       |

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| Light Technical                    |                   |
|------------------------------------|-------------------|
| Luminous Flux                      | 4,100 lm          |
| Correlated Color Temperature (Nom) | 4000 K            |
| Luminous Efficacy (rated) (Nom)    | 112 lm/W          |
| Color rendering index (CRI)        | ≥80               |
| Beam angle of light source         | 120 degree(s)     |
| Light source color                 | 840 neutral white |
| Optic type                         | -                 |
| Luminaire light beam spread        | 110°              |
| Unified glare rating CEN           | 24                |

| Operating and Electrical                 |                          |
|--|--------------------------|
| Input Voltage                            | 220 to 240 V             |
| Line Frequency                           | 50 to 60 Hz              |
| Inrush current                           | 21 A                     |
| Inrush time                              | 0.28 ms                  |
| Power Consumption                        | 36.5 W                   |
| Power Factor (Fraction)                  | 0.9                      |
| Connection                               | Push-in connector 3-pole |
| Cable                                    | -                        |
| Number of products on MCB of 16 A type B | 22                       |

| Temperature               |               |
|---------------------------|---------------|
| Ambient temperature range | -20 to +35 °C |

| Controls and Dimming          |                              |
|-------------------------------|------------------------------|
| Dimmable                      | Wireless Dim                 |
| Driver/power unit/transformer | Power supply unit regulating |
| Control interface             | Wireless                     |
| Constant light output         | No                           |

| Mechanical and Housing |                 |
|------------------------|-----------------|
| Housing Material       | Polycarbonate   |
| Reflector material     | Steel           |
| Optic material         | -               |
| Optical cover material | Polycarbonate   |
| Fixation material      | Stainless steel |
| Housing Color          | Grey            |

|                                     |                   |
|-------------------------------------|-------------------|
| Optical cover finish                | Textured          |
| Overall length                      | 1,250 mm          |
| Overall width                       | 87 mm             |
| Overall height                      | 96 mm             |
| Dimensions (Height x Width x Depth) | 96 x 87 x 1250 mm |

| Approval and Application     |  |
|------------------------------|--|
| Ingress protection code      | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected]                  |
| Protection class IEC         | Safety class I                               |

| Initial Performance (IEC Compliant) |                      |
|-------------------------------------|----------------------|
| Luminous flux tolerance             | +/-10%               |
| Initial chromaticity                | (0.38, 0.38) SDCM <3 |
| 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        | L75 |

| Application Conditions             |       |
|------------------------------------|-------|
| Performance ambient temperature Tq | 25 °C |
| Suitable for random switching      | Yes   |

| Product Data                    |                             |
|---------------------------------|-----------------------------|
| Order product name              | WT120C LED40S/840 IA1 L1200 |
| Full product name               | WT120C LED40S/840 IA1 L1200 |
| Full product code               | 871869939713500             |
| Order code                      | 910500465266                |
| Material Nr. (12NC)             | 910500465266                |
| Numerator - Quantity Per Pack   | 1                           |
| EAN/UPC - Product/Case          | 8718699397135               |
| Numerator - Packs per outer box | 1                           |
| EAN/UPC - Case                  | 8718699397135               |

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### Dimensional drawing

