



# CoreLine Waterproof

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## WT120C LED40S/840 PSU L1200

WT120C - LED Module, system flux 4000 lm - 840 neutral white -  
Power supply unit - 1200 mm

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.

### Product data

| General Information           |   |
|-------------------------------|---|
| Number of light sources       | 1 pc                                      |
| Lamp family code              | LED40S [ LED Module, system flux 4000 lm] |
| Light source color            | 840 neutral white                         |
| Light source replaceable      | No  |
| Driver/power unit/transformer | Power supply unit                         |
| Driver included               | Yes                                       |
| Optical cover/lens type       | Polycarbonate bowl/cover                  |
| Emergency lighting            | -   |
| Connection                    | Push-in connector and pull relief         |
| Protection class IEC          | Safety class I                            |
| Color                         | Gray                                      |
| Glow-wire test                | Temperature 850 °C, duration 30 s         |

|                     |   |
|---------------------|---|
| Flammability mark   | For mounting on normally flammable surfaces |
| CE mark             | CE mark                                     |
| ENEC mark           | ENEC mark                                   |
| UL mark             | -   |
| Product family code | WT120C                                      |

| Operating and Electrical |              |
|--------------------------|--------------|
| Input Voltage            | 220 to 240 V |
| Input Frequency          | 50 to 60 Hz  |

| Controls and Dimming |    |
|----------------------|----|
| Dimmable             | No |

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### Mechanical and Housing

|                             |               |
|-----------------------------|---------------|
| Housing Material            | Polycarbonate |
| Optic material              | Polycarbonate |
| Optical cover/lens material | Polycarbonate |
| Length                      | 1200 mm       |

### Approval and Application

|                              |   |
|------------------------------|---|
| Ingress protection code      | IP65 [ Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [ 5 J vandal-protected]                  |

### Initial Performance (IEC Compliant)

|                                |                        |
|--------------------------------|------------------------|
| Initial luminous flux          | 4000 lm                |
| Luminous flux tolerance        | +/- 10%                |
| Initial LED luminaire efficacy | 105 lm/W               |
| Init. Corr. Color Temperature  | 4000 K                 |
| Initial chromaticy             | (0.38, 0.38) SDCM <3.5 |
| Initial input power            | 38 W                   |

### Over Time Performance (IEC Compliant)

|                               |         |
|-------------------------------|---------|
| Driver failure rate at 5000 h | 1 %     |
| Median useful life L70B50     | 50000 h |

|                           |         |
|---------------------------|---------|
| Median useful life L80B50 | 30000 h |
| Median useful life L90B50 | 15000 h |

### Application Conditions

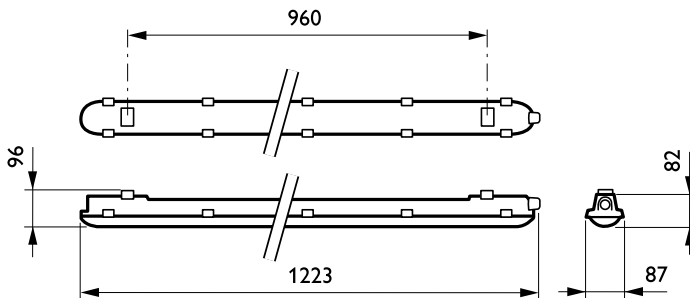
|                               |   |
|-------------------------------|---|
| Ambient temperature range     | -20 to +35 °C   |
| Average ambient temperature   | 25 °C   |
| Suitable for random switching | Yes (relates to presence/ movement detection and daylight harvesting) |

### Product Data

|                                 |                             |
|---------------------------------|-----------------------------|
| Full product code               | 871829184048000             |
| Order product name              | WT120C LED40S/840 PSU L1200 |
| EAN/UPC - Product               | 8718291840480               |
| Order code                      | 910500453338                |
| Numerator - Quantity Per Pack   | 1                           |
| Numerator - Packs per outer box | 1                           |
| Material Nr. (12NC)             | 910500453338                |
| Net Weight (Piece)              | 1.530 kg                    |



### Dimensional drawing



CoreLine Waterproof WT120C

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## Photometric data



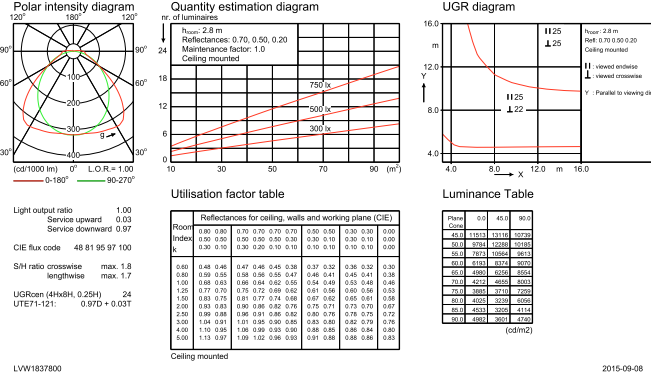
WT120C L1200 1xLED40S/840

1 x 4000 lm



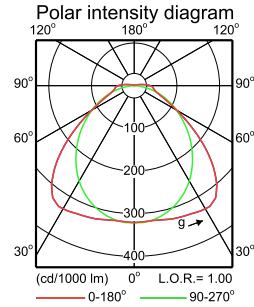
WT120C L1200 1xLED40S/840

1 x 4000 lm



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IFPC1\_WT120C L1200 1xLED40S840.EPS

