



# CoreLine Waterproof

## WT120C G2 LED80S/840 PSD L1500

Coreline Waterproof G2 LSC - 840 neutral white - Power supply unit

CoreLine waterproof delivers on the CoreLine promise of innovative, easy-to-use and high-quality luminaires. CoreLine waterproof products can directly replace traditional waterproof luminaires with fluorescent lamps ranging from 18W up to 58W. With its slim and stylish design, it continues to keep its well-known and appreciated architecture. Installation is quick and easy, all thanks to its efficient design. CoreLine waterproof provides better wide-beam light distribution for straightforward and effective lighting. Interact Ready luminaires with integrated wireless communications are also available in this range, ready to be used with Interact gateways, sensors and software.

### Product data

| General Information           |                                   |                                          |                                           |
|-------------------------------|-----------------------------------|------------------------------------------|-------------------------------------------|
| Light source color            | 840 neutral white                 | Flammability mark                        | For mounting on easily flammable surfaces |
| Light source replaceable      | No                                | CE mark                                  | CE mark                                   |
| Number of gear units          | 1 unit                            | ENEC mark                                | ENEC mark                                 |
| Driver/power unit/transformer | Power supply unit                 | Warranty period                          | 5 years                                   |
| Driver included               | Yes                               | Constant light output                    | No                                        |
| Optic type                    | Beam angle 110°                   | Number of products on MCB of 16 A type B | 29                                        |
| Luminaire light beam spread   | 105°                              | RoHS mark                                | -                                         |
| Control interface             | DALI                              | Service tag                              | Yes                                       |
| Connection                    | Push-in connector 5-pole          | Product family code                      | WT130C [ Coreline Waterproof G2 LSC]      |
| Cable                         | -                                 | Unified glare rating CEN                 | 25                                        |
| Protection class IEC          | Safety class I                    | Operating and Electrical                 |                                           |
| Glow-wire test                | Temperature 850 °C, duration 30 s | Input Voltage                            | 220 to 240 V                              |

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|                    |             |
|--------------------|-------------|
| Input Frequency    | 50 or 60 Hz |
| Inrush current     | 20.9 A      |
| Inrush time        | 0.192 ms    |
| Power Factor (Min) | 0.9         |

Controls and Dimming

|          |     |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

Mechanical and Housing

|                             |                 |
|-----------------------------|-----------------|
| Housing Material            | Polycarbonate   |
| Reflector material          | Steel           |
| Optic material              | Polycarbonate   |
| Optical cover/lens material | Polycarbonate   |
| Fixation material           | Stainless steel |
| Optical cover/lens finish   | Opal            |
| Overall length              | 1515 mm         |
| Overall width               | 80 mm           |
| Overall height              | 76 mm           |
| Color                       | Gray            |

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 (system flux) | 8000 lm     |
| Luminous flux tolerance             | +/-10%      |
| Initial LED luminaire efficacy      | 131.15 lm/W |
| Init. Corr. Color Temperature       | 4000 K      |

|                             |                      |
|-----------------------------|----------------------|
| Init. Color Rendering Index | >80                  |
| Initial chromaticity        | (0.43, 0.40) SDCM <3 |
| Initial input power         | 61 W                 |
| Power consumption tolerance | +/-10%               |

Over Time Performance (IEC Compliant)

|                                                         |        |
|---------------------------------------------------------|--------|
| Control gear failure rate at median useful life 50000 h | 1.75 % |
| Lumen maintenance at median useful life* 50000 h        | L75    |

Application Conditions

|                                    |                |
|------------------------------------|----------------|
| Ambient temperature range          | -10 to +35 °C  |
| Performance ambient temperature Tq | 25 °C          |
| Maximum dim level                  | 1%             |
| Suitable for random switching      | Not applicable |

Product Data

|                                 |                                |
|---------------------------------|--------------------------------|
| Full product code               | 871869940929600                |
| Order product name              | WT120C G2 LED80S/840 PSD L1500 |
| EAN/UPC - Product               | 8718699409296                  |
| Order code                      | 910505100079                   |
| Numerator - Quantity Per Pack   | 1                              |
| Numerator - Packs per outer box | 1                              |
| Material Nr. (12NC)             | 910505100079                   |
| Net Weight (Piece)              | 1.820 kg                       |

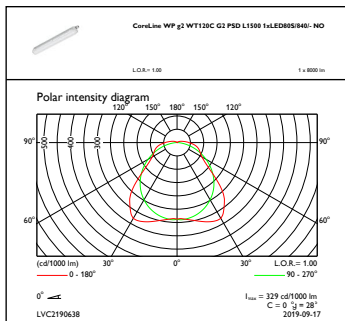


Dimensional drawing

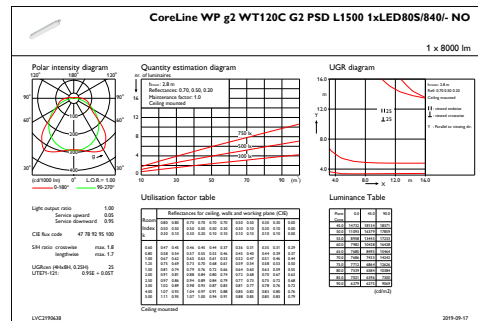


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## Photometric data



OFPC1\_



IFGU1\_

