



CoreLine Waterproof

WT120C G2 LED27S/840 PSU ELB3 L1200

Coreline Waterproof G2 LSC - LED Module, system flux 2700 lm
 - 840 neutral white - Power supply unit - Emergency lighting 3 hours duration

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. Also available as an Interact Ready wireless CoreLine waterproof luminaire that works with Interact Pro lighting software and Interact Ready devices to provide a connected lighting system for SMEs

Product data

| General Information | | Protection class IEC | Safety class I |
|-------------------------------|--|-----------------------|---|
| Lamp family code | LED27S [LED Module, system flux 2700 lm] | Glow-wire test | Temperature 850 °C, duration 30 s |
| Light source colour | 840 neutral white | Flammability mark | D [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 | PSU [Power supply unit] | Warranty period | 5 years |
| Driver included | Yes | Remarks | * - According to the Lighting Europe guidance paper 'Evaluating 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. |
| Optic type | 110 [Beam angle 110°] | Constant light output | No |
| Optical cover/lens type | MLO [Micro-lens optic] | | |
| Luminaire light beam spread | 105° | | |
| Emergency lighting | EL3 [Emergency lighting 3 hours duration] | | |
| Control interface | - | | |
| Connection | Push-in connector 4-pole | | |
| Cable | - | | |

CoreLine Waterproof

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|---|--------------------------------------|
| Number of products on MCB (16 A type B) | 80 |
| EU RoHS compliant | Yes |
| Product family code | WT130C [Coreline Waterproof G2 LSC] |
| Unified glare rating CEN | 25 |

Operating and Electrical

| | |
|---------------------|--------------|
| Input Voltage | 220 to 240 V |
| Input frequency | 50 or 60 Hz |
| Inrush current | 3.58 A |
| Inrush time | 0.04 ms |
| Power factor (min.) | 0.77 |

Controls and Dimming

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|----------|----|
| Dimmable | No |
|----------|----|

Mechanical and Housing

| | |
|-------------------------------------|---------------------------------------|
| Housing material | Polycarbonate |
| Reflector material | Steel |
| Optic material | Polycarbonate |
| Optical cover/lens material | Polycarbonate |
| Gear tray material | Steel |
| Fixation material | Stainless steel |
| Optical cover/lens finish | Frosted |
| Overall length | 1215 mm |
| Overall width | 80 mm |
| Overall height | 76 mm |
| Colour | Grey |
| Dimensions (height x width x depth) | 76 x 80 x 1215 mm (3 x 3.1 x 47.8 in) |

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)

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|-------------------------------------|--------------------|
| Initial luminous flux (system flux) | 2700 lm |
| Luminous flux tolerance | +/-10% |
| Initial LED luminaire efficacy | 104 lm/W |
| Init. Corr. Colour Temperature | 4000 K |
| Init. Colour rendering index | >80 |
| Initial chromaticity | (0.38,0.38)SDCM<=3 |
| Initial input power | 25.5 W |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

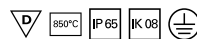
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|--|-----|
| Control gear failure rate at median useful life 50,000 h | 5 % |
| Lumen maintenance at median useful life* 50,000 h | L75 |

Application Conditions

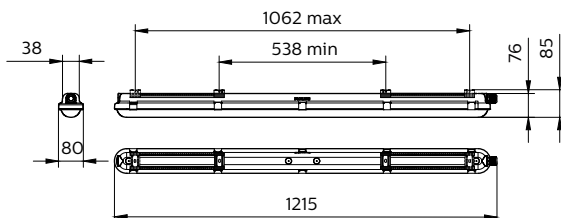
| | |
|------------------------------------|----------------|
| Ambient temperature range | 0 to +25 °C |
| Performance ambient temperature Tq | 25 °C |
| Maximum dimming level | Not applicable |
| Suitable for random switching | Not applicable |

Product Data

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|-------------------------------------|-------------------------------------|
| Full product code | 871829185418000 |
| Order product name | WT120C G2 LED275/840 PSU ELB3 L1200 |
| EAN/UPC – product | 8718291854180 |
| Order code | 85418000 |
| Numerator – quantity per pack | 1 |
| SAP numerator – packs per outer box | 1 |
| Material no. (12 NC) | 910505100042 |
| Net Weight (Piece) | 2.530 kg |

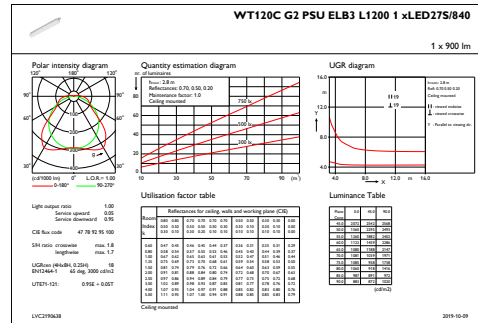
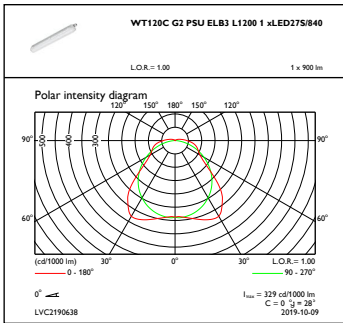


Dimensional drawing



CoreLine Waterproof WT120C

Photometric data



OFPC1_WT120CG2PSUEL3L12001xLED27S840

IFGU1_WT120CG2PSUEL3L12001xLED27S840

