



# CoreLine Trunking Gen2

## LL217X 120S/840 1x PSD WB 7x2.5 HE

LL217X | Coreline Trunking Gen2 - 120S | LED module, system flux 12000 lm - Power supply unit with DALI interface - Wide beam - 84° x 84°

CoreLine Trunking Gen2 is a light-line system that is designed for simplicity. It comes in a choice of lengths, flux packages and beam shapes to suit every project and application. Easy to use and integrate with spots and sensors, CoreLine Trunking Gen2 provides consistent, high-quality lighting with added protection against accidental water ingress. The innovative system is also easy to assemble and install for faster retrofits and refurbishments.

### Product data

| General Information                |   | Operating and Electrical        |                   |
|------------------------------------|---|---------------------------------|-------------------|
| Lamp family code                   | 120S [LED module, system flux 12000 lm] | Luminous Efficacy (rated) (Nom) | 152 lm/W          |
| Light source replaceable           | No                                      | Color rendering index (CRI)     | >80               |
| Number of gear units               | 1 unit                                  | Beam angle of light source      | 120 degree(s)     |
| Driver included                    | Yes                                     | Light source color              | 840 neutral white |
| Service tag                        | Yes                                     | Optic type                      | Wide beam         |
| Product family code                | LL217X [Coreline Trunking Gen2]         | Luminaire light beam spread     | 84° x 84°         |
| Lighting Technology                | LED                                     | Unified glare rating CEN        | 22                |
| Value ladder                       | Value                                   |                                 |                   |
| Light Technical                    |   |                                 |                   |
| Luminous Flux                      | 12,000 lumen                            | Input Voltage                   | 220 to 240 V      |
| Correlated Color Temperature (Nom) | 4000 K                                  | Line Frequency                  | 50 to 60 Hz       |
|                                    |   | Input Frequency                 | 50 to 60 Hz       |
|                                    |   | Initial CLO power consumption   | - W               |

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|  |                        |
|--|------------------------|
| Average CLO power consumption            | - W                    |
| Power Consumption                        | 79 W                   |
| Inrush current                           | 10 A                   |
| Inrush time                              | 0.036 ms               |
| Power Factor (Fraction)                  | 0.95                   |
| Connection                               | Connection unit 7-pole |
| Cable                                    | -                      |
| Number of products on MCB of 16 A type B | 18                     |

### Temperature

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

### Controls and Dimming

|                               |                                       |
|-------------------------------|---------------------------------------|
| Dimmable                      | Yes                                   |
| Driver/power unit/transformer | Power supply unit with DALI interface |
| Control interface             | DALI                                  |
| Constant light output         | No                                    |

### Mechanical and Housing

|                                     |                   |
|-------------------------------------|-------------------|
| Housing Material                    | Steel             |
| Reflector material                  | -                 |
| Optic material                      | Polycarbonate     |
| Optical cover/lens material         | Polycarbonate     |
| Fixation material                   | Steel             |
| Housing Color                       | White RAL9016     |
| Optical cover/lens finish           | Frosted           |
| Overall length                      | 1,700 mm          |
| Overall width                       | 80 mm             |
| Overall height                      | 50 mm             |
| Dimensions (Height x Width x Depth) | 50 x 80 x 1700 mm |

### Approval and Application

|                              |                                   |
|------------------------------|-----------------------------------|
| Ingress protection code      | IP20 [Finger-protected]           |
| Mech. impact protection code | IK02 [0.2 J standard]             |
| Sustainability rating        | -                                 |
| Protection class IEC         | Safety class I                    |
| Glow-wire test               | Temperature 850 °C, duration 30 s |
| Flammability mark            | -                                 |

|                   |                |
|-------------------|----------------|
| CE mark           | Yes            |
| ENEC mark         | ENEC plus mark |
| Warranty period   | 5 years        |
| EU RoHS compliant | Yes            |

### 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 %   |
| Control gear failure rate at median useful life 100000 h | 0.1 % |
| Lumen maintenance at median useful life* 50000 h         | L85   |
| Lumen maintenance at median useful life* 100000 h        | L70   |

### Application Conditions

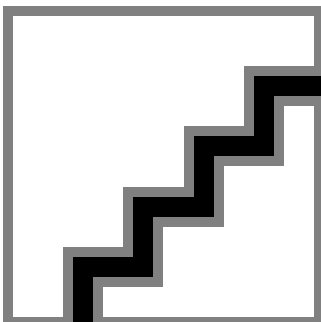
|                                    |   |
|------------------------------------|---|
| Performance ambient temperature Tq | 25 °C   |
| Maximum dim level                  | 1%  |
| Suitable for random switching      | Yes (relates to presence/ movement detection and daylight harvesting) |

### Product Data

|                                 |                                    |
|---------------------------------|------------------------------------|
| Full product code               | 871951410784700                    |
| Order product name              | LL217X 120S/840 1x PSD WB 7x2.5 HE |
| Order code                      | 910925867527                       |
| Numerator - Quantity Per Pack   | 1                                  |
| Numerator - Packs per outer box | 1                                  |
| Material number (12NC)          | 910925867527                       |
| Full product name               | LL217X 120S/840 1x PSD WB 7x2.5 HE |
| EAN/UPC - Case                  | 8719514107847                      |



## Dimensional drawing



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