



# CoreLine Trunking Gen2

## LL217X 80S/840 1x PSD BV WB

LL217X | Coreline Trunking Gen2 - Power supply unit with DALI interface - Wide beam -  $84^{\circ} \times 84^{\circ}$ 

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      |                                   |
|--------------------------|-----------------------------------|
| Light source replaceable | No                                |
| CE mark                  | Yes                               |
| Number of gear units     | 1 unit                            |
| Driver included          | Yes                               |
| Flammability mark        | -                                 |
| Glow-wire test           | Temperature 850 °C, duration 30 s |
| Warranty period          | 5 years                           |
| Service tag              | Yes                               |
| Product family code      | LL217X [Coreline Trunking Gen2]   |
| Lighting Technology      | LED                               |
| ENEC mark                | ENEC plus mark                    |
| EU RoHS compliant        | Yes                               |
| Value ladder             | Value                             |

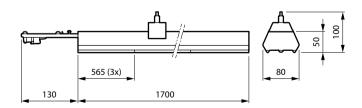
| Application Conditions             |                                    |
|------------------------------------|------------------------------------|
| Maximum dim level                  | 1%                                 |
| Performance ambient temperature Tq | 25 °C                              |
| Suitable for random switching      | Yes (relates to presence/ movement |
|                                    | detection and daylight harvesting) |
|                                    |                                    |
| Light Technical                    |                                    |
| Luminous Flux                      | 8,000 lumen                        |
| Correlated Color Temperature (Nom) | 4000 K                             |
| Luminous Efficacy (rated) (Nom)    | 160 lm/W                           |
| Color rendering index (CRI)        | >80                                |
| Beam angle of light source         | 120 degree(s)                      |
| Light source color                 | 840 neutral white                  |
| Optic type                         | Wide beam                          |
| Luminaire light beam spread        | 84° x 84°                          |
|                                    |                                    |

### **CoreLine Trunking Gen2**

| Unified glare rating CEN                 | 22                                    |
|--|---------------------------------------|
|  |                                       |
| Operating and Electrical                 |                                       |
| Line Frequency                           | 50 to 60 Hz                           |
| Input Voltage                            | 220 to 240 V                          |
| Initial CLO power consumption            | - W                                   |
| Average CLO power consumption            | - W                                   |
| Inrush current                           | 25.1 A                                |
| Inrush time                              | 0.214 ms                              |
| Power Consumption                        | 50 W                                  |
| Power Factor (Fraction)                  | 0.95                                  |
| Connection                               | Push-in connector 5-pole              |
| Cable                                    | -                                     |
| Number of products on MCB of 16 A type B | 21                                    |
|  |                                       |
| 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                                 |
|  |                                       |

| 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              |
|   |                             |
| Initial Performance (IEC Compliant)             |                             |
| Initial chromaticity                            | (0.38, 0.38) SDCM <3        |
| Luminous flux tolerance                         | +/-10%                      |
| Power consumption tolerance                     | +/-10%                      |
|   |                             |
| Over Time Performance (IEC Compliant            | :)                          |
| Control gear failure rate at median useful life | 5 %                         |
| 50000 h   |                             |
| Control gear failure rate at median useful life | 0.1%                        |
| 100000 h  |                             |
| Lumen maintenance at median useful life*        | L85                         |
| 50000 h   |                             |
| Lumen maintenance at median useful life*        | L75                         |
| 100000 h  |                             |
|   |                             |
| Product Data                                    |                             |
| Full product code                               | 871951410756400             |
| Order product name                              | LL217X 80S/840 1x PSD BV WB |
| Order code                                      | 910925867498                |
| Numerator - Quantity Per Pack                   | 1                           |
| Numerator - Packs per outer box                 | 1                           |
| Material Nr. (12NC)                             | 910925867498                |
| Full product name                               | LL217X 80S/840 1x PSD BV WB |
| EAN/UPC - Case                                  | 8719514107564               |
|   |                             |

#### Dimensional drawing



**CoreLine Trunking Gen2** 



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, September 5 - data subject to change