



# CoreLine Trunking

## LL121X LED45S/840 1x PSU WB 5 WH

CoreLine Trunking, LED Module, system flux 4500 lm, Power supply unit (On/Off), Wide beam

Whether for a new facility or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Trunking range of LED products can be used to replace general lighting. The process of selecting, installing and maintaining is so easy – it's a simple switch.

### Product data

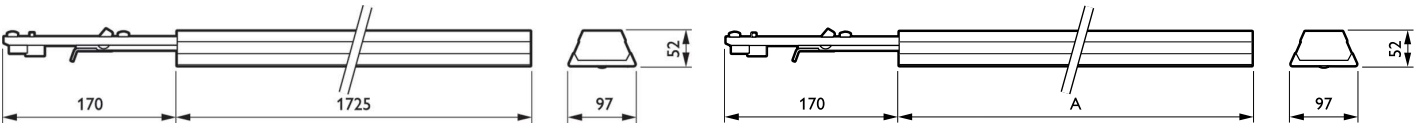
| General Information      |   |                                    |   |
|--------------------------|---|------------------------------------|---|
| Lamp family code         | LED45S [LED Module, system flux 4500 lm]  | Flammability mark                  | For mounting on normally flammable surfaces |
| Light source replaceable | No  | CE mark                            | Yes   |
| Number of gear units     | 1 unit  | ENEC mark                          | ENEC mark                                   |
| Driver included          | Yes   | Warranty period                    | 3 years                                     |
| Feed-through wiring      | Feed-through wiring 5-phase   | EU RoHS compliant                  | Yes   |
| Remarks                  | *-Per Lighting Europe guidance paper<br>"Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value. | Light Technical                    |   |
| Service tag              | Yes   | Luminous Flux                      | 4,500 lm                                    |
| Product family code      | LL121X [CoreLine Trunking]  | Correlated Color Temperature (Nom) | 4000 K                                      |
| Lighting Technology      | LED   | Luminous Efficacy (rated) (Nom)    | 141 lm/W                                    |
| Glow-wire test           | Temperature 650 °C, duration 5 s  | Color rendering index (CRI)        | ≥80   |
|                          |   | Number of light sources            | 3   |
|                          |   | Beam angle of light source         | 120 degree(s)                               |
|                          |   | Light source color                 | 840 neutral white                           |
|                          |   | Optic type                         | Wide beam                                   |
|                          |   | Optical cover type                 | -   |
|                          |   | Luminaire light beam spread        | 88° x 94°                                   |

CoreLine Trunking

|  |                            |
|--|----------------------------|
| Unified glare rating CEN                 | Not applicable             |
| Operating and Electrical                 |                            |
| Input Voltage                            | 220 to 240 V               |
| Line Frequency                           | 50 to 60 Hz                |
| Inrush current                           | 19 A                       |
| Inrush time                              | 0.28 ms                    |
| Power Consumption                        | 32 W                       |
| Power Factor (Fraction)                  | 0.95                       |
| Connection                               | Connection unit 5-pole     |
| Cable                                    | -                          |
| Number of products on MCB of 16 A type B | 24                         |
| Temperature                              |                            |
| Ambient temperature range                | -20 to +35 °C              |
| Controls and Dimming                     |                            |
| Dimmable                                 | No                         |
| Driver/power unit/transformer            | Power supply unit (On/Off) |
| Constant light output                    | No                         |
| Mechanical and Housing                   |                            |
| Housing Material                         | Steel                      |
| Reflector material                       | -                          |
| Optic material                           | Acrylate                   |
| Optical cover material                   | Acrylate                   |
| Fixation material                        | Steel                      |
| Housing Color                            | White                      |
| Optical cover finish                     | Clear                      |
| Overall length                           | 1,730 mm                   |
| Overall width                            | 95 mm                      |
| Overall height                           | 52 mm                      |
| Dimensions (Height x Width x Depth)      | 52 x 95 x 1730 mm          |

|   |                                  |
|---|----------------------------------|
| Approval and Application                                |                                  |
| Ingress protection code                                 | IP20 [Finger-protected]          |
| Mech. impact protection code                            | IK02 [0.2 J standard]            |
| Protection class IEC                                    | Safety class I                   |
| Initial Performance (IEC Compliant)                     |                                  |
| Luminous flux tolerance                                 | +/-7%                            |
| Initial chromaticity                                    | (0.38, 0.38) SDCM <3             |
| Power consumption tolerance                             | +/-11%                           |
| Over Time Performance (IEC Compliant)                   |                                  |
| Control gear failure rate at median useful life 50000 h | 5 %                              |
| Lumen maintenance at median useful life* 50000 h        | L80                              |
| Application Conditions                                  |                                  |
| Performance ambient temperature Tq                      | 25 °C                            |
| Suitable for random switching                           | No                               |
| Product Data  |                                  |
| Order product name                                      | LL121X LED45S/840 1x PSU WB 5 WH |
| Full product name                                       | LL121X LED45S/840 1x PSU WB 5 WH |
| Full product code                                       | 871829188177300                  |
| Order code  | 910925682920                     |
| Material Nr. (12NC)                                     | 910925682920                     |
| Numerator - Quantity Per Pack                           | 1                                |
| EAN/UPC - Product/Case                                  | 8718291881773                    |
| Numerator - Packs per outer box                         | 1                                |
| EAN/UPC - Case  | 8718291881773                    |

Dimensional drawing



Dimensional drawing

| Product                          |
|----------------------------------|
| LL121X LED45S/840 1x PSU WB 5 WH |

