



CoreLine trunking gen2.5

LL243X 160S/840 UE DIA NB 7x1.5 WH

CoreLine trunking gen2.5, UltraEfficient, 80 W, L3400 mm, 16000 lm, 4000 K, DALI, Interact Ready, Narrow beam, Frosted, White, IP20

UltraEfficient, L3400 mm, Steel, White, Traffic white (RAL9016), Dali dimming Interact System ready, 16000 lm, 80 W, 200 lm/W, 4000 K, (0.38, 0.38) SDCM <3, UGR19, Narrow beam, Frosted, Polycarbonate, IP20 | Finger-protected, IK02 | 0.2 J standard, Safety class I, Connection unit 7-pole

Product data

| General Information | | Unified glare rating CEN | |
|------------------------------------|-------------------|--|------------------------|
| Number of gear units | 1 unit | | 19 |
| Driver included | Yes | Operating and Electrical | |
| Value ladder | Performance | Input Voltage | 220 to 240 V |
| Warranty period | 5 years | Line Frequency | 50 to 60 Hz |
| Light Technical | | Initial CLO power consumption | - W |
| Luminous Flux | 16,000 lm | Average CLO power consumption | - W |
| Correlated Color Temperature (Nom) | 4000 K | Inrush current | 17.5 A |
| Luminous Efficacy (rated) (Nom) | 200 lm/W | Inrush time | 21.5 ms |
| Color rendering index (CRI) | >80 | Power Consumption | 80 W |
| Beam angle of light source | 120 degree(s) | Power Factor (Fraction) | 0.98 |
| Light source color | 840 neutral white | Connection | Connection unit 7-pole |
| Optic type | Narrow beam | Cable | - |
| Luminaire light beam spread | 35° x 71° | Number of products on MCB of 16 A type B | 24 |
| | | Suitable for random switching | Not applicable |

CoreLine trunking gen2.5

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|---------------------------|----------------|
| Protection class IEC | Safety class I |
| Total harmonic distortion | 20 % |

Controls and Dimming

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|-------------------------------|---|
| Dimmable | Yes |
| Driver/power unit/transformer | Dali dimming Interact System ready |
| Control interface | DALI |
| Constant light output | No |
| DALI Standard | DALI-2™ with extended data: Parts 251/252/253 |
| Maximum dim level | 1% |
| Connectivity | Interact Ready |

Mechanical and Housing

| | |
|-------------------------------------|-------------------------|
| Housing Material | Steel |
| Reflector material | - |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material | Steel |
| Housing Color | White |
| Optical cover finish | Frosted |
| Overall length | 3,400 mm |
| Overall width | 80 mm |
| Overall height | 50 mm |
| Dimensions (Height x Width x Depth) | 50 x 80 x 3400 mm |
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Net Weight (Piece) | 5.370 kg |

Approval and Application

| | |
|------------------------------------|-----------------------------------|
| Glow-wire test | Temperature 850 °C, duration 30 s |
| Flammability mark | - |
| CE mark | Yes |
| ENEC mark | ENEC plus mark |
| EU RoHS compliant | Yes |
| Performance ambient temperature Tq | 25 °C |
| Ambient temperature range | -20 to +35 °C |

Initial Performance (IEC Compliant)

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|--|----------------------|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.38, 0.38) SDCM <3 |
| Power consumption tolerance | +/-10% |
| Standard Deviation of Colour Matching (McAdam ellipse) | SDCM≤3 |

Over Time Performance (IEC Compliant)

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|--|------|
| Control gear failure rate at median useful life 50000 h | 5 % |
| Control gear failure rate at median useful life 100000 h | 10 % |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h | L85 |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h | L75 |

Sustainability Data

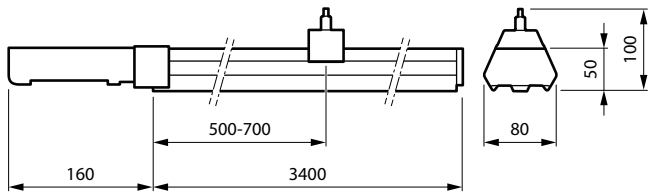
| | |
|--|---|
| Sustainability rating | Unclassified |
| Repair class | Repair Class D, this product is not designed to be repaired. |
| Embedded carbon (A1-A3) | 32.3 kg CO ₂ e |
| Product non-virgin material ratio | 14.6 % |
| Recyclable content ratio of the finished product | 55.7 % |
| GWP total B6 (kg CO ₂ eq) Declared Unit | Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO ₂ eq / kWh) |
| GWP total B6 (kg CO ₂ eq) Functional Unit | Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) / lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO ₂ eq / kWh) |

Product Data

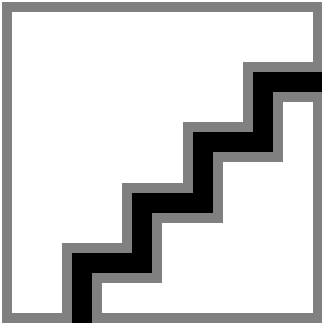
| | |
|---------------------------------|------------------------------------|
| Order product name | LL243X 160S/840 UE DIA NB 7x1.5 WH |
| Full product name | LL243X 160S/840 UE DIA NB 7x1.5 WH |
| Full product code | 872016947464200 |
| Order code | 47464200 |
| Material Nr. (12NC) | 910925870138 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8720169474642 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8720169474642 |
| Product family code | LL243X [Coreline trunking Gen2.5] |

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Dimensional drawing



Photometric data



Polar Normal (separate) - LL240XI - 910925870138

