



StoreSet Linear

SM504T 61S/830 DIA-VLC DA35W WH

StoreSet Linear, track panel, 51 W, L1200 mm, 6100 lm, 3000 K, DALI, Interact Ready, Double asymmetric optic 35° wide beam, Clear, White, VLC

track panel, L1200 mm, Aluminum extruded, White, Dali dimming Interact System ready visual light communication enabled, Visible light communication, 6100 lm, 51 W, 119 lm/W, 3000 K, (0.43, 0.40) SDCM<3, Double asymmetric optic 35° wide beam, Clear, Polycarbonate, IP20 | Finger-protected, IK02 | 0.2 J standard, Safety class I, Track

Warnings and Safety

- The canopy and optical surfaces must only ever be cleaned with a lint-free cloth and without detergents.

Product data

| General Information | | Operating and Electrical | |
|------------------------------------|---------------|-------------------------------|---------------------------------------|
| 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 | 830 warm white |
| Service tag | Yes | Optic type | Double asymmetric optic 35° wide beam |
| Lighting Technology | LED | Luminaire light beam spread | 104° x 98° |
| Value ladder | Specification | Unified glare rating CEN | Not applicable |
| Warranty period | 5 years | | |
| Light Technical | | Input Voltage | 220 to 240 V |
| Luminous Flux | 6,100 lm | Line Frequency | 50 to 60 Hz |
| Saturated Red (R9) | <50 | Initial CLO power consumption | - W |
| Correlated Color Temperature (Nom) | 3000 K | Average CLO power consumption | - W |
| Luminous Efficacy (rated) (Nom) | 119 lm/W | Inrush current | 25.1 A |
| | | Inrush time | 0.214 ms |

StoreSet Linear

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| Power Consumption | 51 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Track |
| Cable | - |
| Number of products on MCB of 16 A type B | 21 |
| Suitable for random switching | Yes |
| 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 visual light communication enabled |
| 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 |
| Embedded control | Visible light communication |

Mechanical and Housing

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|-------------------------------------|-------------------------|
| Housing Material | Aluminum extruded |
| Reflector material | Aluminum |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material | Polyamide |
| Housing Color | White |
| Optical cover finish | Clear |
| Overall length | 1,153 mm |
| Overall width | 64 mm |
| Overall height | 74 mm |
| Dimensions (Height x Width x Depth) | 74 x 64 x 1153 mm |
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Net Weight (Piece) | 1.800 kg |

Approval and Application

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|------------------------------------|--|
| Glow-wire test | Temperature 650 °C, duration 30 s |
| Flammability mark | For mounting on normally flammable surfaces |
| CE mark | Yes |
| ENEC mark | ENEC mark |
| Photobiological risk | Photobiological risk group 1 @200mm to EN62778 |
| EU RoHS compliant | Yes |
| Performance ambient temperature Tq | 25 °C |
| Ambient temperature range | +10 to +35 °C |

Initial Performance (IEC Compliant)

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|-------------------------|--------|
| Luminous flux tolerance | +/-10% |
|-------------------------|--------|

| | |
|--|---------------------|
| Initial chromaticity | (0.43, 0.40) 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 | 10 % |
| Control gear failure rate at median useful life 100000 h | 10 % |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h | L80 |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h | - |

Sustainability Data

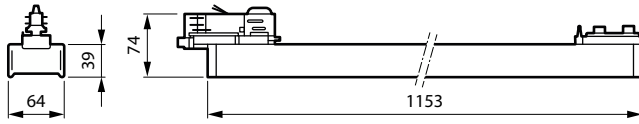
| | |
|--|---|
| Sustainability rating | Unclassified |
| Repair class | Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time. |
| Embedded carbon (A1-A3) | 30.2 kg CO ₂ e |
| Product non-virgin material ratio | 8.36 % |
| Recyclable content ratio of the finished product | 37.6 % |
| 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

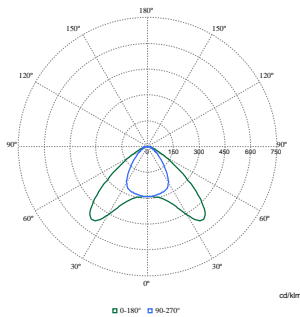
| | |
|---------------------------------|---------------------------------|
| Order product name | SM504T 61S/830 DIA-VLC DA35W WH |
| Full product name | SM504T 61S/830 DIA-VLC DA35W WH |
| Full product code | 872016901229500 |
| Order code | 01229500 |
| Material Nr. (12NC) | 910505102210 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8720169012295 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8720169012295 |
| Product family code | SM504T [STORESET LINEAR] |

StoreSet Linear

Dimensional drawing



Photometric data



Polar Normal (separate) - SM504T1 - 910505102210

