



StoreSet

SM505T LED66S/830 PSD-VLC MB SI

StoreSet track, 830 warm white, Power supply unit with DALI interface, Medium beam, Silver

Today's retail destinations are all about creating experiences that attract and retain customers. StoreSet adds atmosphere to your store by introducing contrast and breaking up the traditional continuous lines of light. A variety of beam shapes, combined with excellent light quality, ensures that your merchandise stands out, at the same time as enabling you to create a variety of different ambiances. Each StoreSet panel is lightweight and can be easily connected to power tracks or a Maxos fusion backbone. Installation is straightforward, and if your needs change, you can simply adapt the lighting by repositioning the panels and luminaires along the track or trunk. This makes StoreSet a truly flexible, non-linear tool for creating store ambiances that sell.

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 | | | |
|--------------------------|---|---------------------|--|
| Light source replaceable | No | | useful life (B50) value also represents the B10 value. |
| Number of gear units | Unit | Product family code | SM505T [StoreSet track] |
| Driver included | Yes | Lighting Technology | LED |
| Remarks | *- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median | Value ladder | Specification |
| | | CE mark | Yes |
| | | Warranty period | 5 years |
| | | Flammability mark | For mounting on normally flammable surfaces |
| | | ENEC mark | ENEC mark |
| | | Glow-wire test | Temperature 650 °C, duration 5 s |

| | |
|-------------------|-----|
| EU RoHS compliant | Yes |
|-------------------|-----|

Light Technical

| | |
|----------------------------------|----------------|
| Luminous Flux | 6,600 lm |
| Correlated Colour Temperature | 3000 K |
| Luminous efficacy (rated) (nom.) | 132 lm/W |
| Colour rendering index (CRI) | 80 |
| Beam angle of light source | 120 degree(s) |
| Light source colour | 830 warm white |
| Optic type | Medium beam |
| Luminaire light beam spread | 38° |
| Unified Glare Rating (CEN) | Not applicable |

Operating and Electrical

| | |
|--|-----------------------------------|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 22 A |
| Inrush time | 0.280 ms |
| Power Consumption | 50 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector and pull relief |
| Cable | - |
| Number of products on MCB of 16 A type B | 24 |

Temperature

| | |
|---------------------------|---------------|
| Ambient temperature range | +10 to +40 °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 | Plastic |
| Reflector material | Aluminium and polycarbonate |
| Optic material | Polycarbonate |
| Optical cover/lens material | Polycarbonate |
| Fixation material | Polyamide |

| | |
|-------------------------------------|-------------------|
| Housing Colour | Silver |
| Optical cover/lens finish | Clear |
| Overall length | 613 mm |
| Overall width | 184 mm |
| Overall height | 75 mm |
| Dimensions (height x width x depth) | 75 x 184 x 613 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 | +/-10% |
| Initial chromaticity | (0.43, 0.40) SDCM<3 |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

| | |
|--|-----|
| Control gear failure rate at median useful life 50,000 h | 5 % |
| Lumen maintenance at median useful life* 50,000 h | L80 |

Application Conditions

| | |
|------------------------------------|-------|
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level | 1% |
| Suitable for random switching | Yes |

Product Data

| | |
|-----------------------------------|---------------------------------|
| Order product name | SM505T LED66S/830 PSD-VLC MB SI |
| Full product name | SM505T LED66S/830 PSD-VLC MB SI |
| Full EOC | 871869917238100 |
| Order code | 17238100 |
| Material no. (12 NC) | 910500459763 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC – Product/Case | 8718699172381 |
| Numerator – packs per outer box | 1 |
| EAN/UPC – Case | 8718699172381 |

Dimensional drawing

