

StoreSet

SM505T LED80S/830 PSD-VLC DA25N BK

StoreSet track, 830 warm white, Power supply unit with DALI interface, Visual Light Communication (VLC) ready (integrated), Double asymmetric optic 25° narrow beam, Black

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 your merchandise has great stand out, at the same time as enabling you to create a variety of different ambiences. 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 ambiences 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
Number of gear units	1 unit
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper "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.
Service tag	Yes
Product family code	SM505T [StoreSet track]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years

StoreSet

Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes

Light Technical

Luminous Flux	8,000 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	127 lm/W
Color rendering index (CRI)	≥80
Beam angle of light source	120 degree(s)
Light source color	830 warm white
Optic type	Double asymmetric optic 25° narrow beam
Luminaire light beam spread	72° x 90°
Unified glare rating CEN	Not applicable

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	22 A
Inrush time	0.275 ms
Power Consumption	63 W
Power Factor (Fraction)	0.9
Connection	Track
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, Visual Light Communication (VLC) ready (integrated)
Control interface	DALI
Constant light output	No

Mechanical and Housing

Housing Material	Plastic
Reflector material	Steel
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Polyamide
Housing Color	Black
Optical cover finish	Clear
Overall length	605 mm
Overall width	184 mm
Overall height	75 mm
Dimensions (Height x Width x Depth)	75 x 184 x 605 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
Photobiological risk	Photobiological risk group 1 @200mm to EN62778

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 50000 h	10 %
Lumen maintenance at median useful life* 50000 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 LED80S/830 PSD-VLC DA25N BK
Full product name	SM505T LED80S/830 PSD-VLC DA25N BK
Full product code	871869917226800
Order code	910500459751
Material Nr. (12NC)	910500459751
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699172268
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699172268

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Dimensional drawing

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