StoreSet

SM505T LED80S/830 PSD-VLC DA25N SI

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

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Flammability mark	For mounting on normally flammable surfaces	**Optical cover material**	Polycarbonate
ENEC mark	ENEC mark	**Fixation material**	Polyamide
Glow-wire test	Temperature 650 °C, duration 30 s	**Housing Color**	Silver
EU RoHS compliant	Yes	**Optical cover finish**	Clear
		Overall length	605 mm
Light Technical		**Overall width**	184 mm
Luminous Flux	8,000 lm	**Overall height**	75 mm
Correlated Color Temperature (Nom)	3000 K	**Dimensions (Height x Width x Depth)**	75 x 184 x 605 mm
Luminous Efficacy (rated) (Nom)	127 lm/W		
Color rendering index (CRI)	≥80	**Approval and Application**	
Beam angle of light source	120 degree(s)	**Ingress protection code**	IP20 [Finger-protected]
Light source color	830 warm white	**Mech. impact protection code**	IK02 [0.2 J standard]
Optic type	Double asymmetric optic 25° narrow beam	**Protection class IEC**	Safety class I
Luminaire light beam spread	72° x 90°	**Photobiological risk**	Photobiological risk group 1 @200mm to EN62778
Unified glare rating CEN	Not applicable		
		Initial Performance (IEC Compliant)	
Operating and Electrical		**Luminous flux tolerance**	+/-10%
Input Voltage	220 to 240 V	**Initial chromaticity**	(0.43, 0.40) SDCM<3
Line Frequency	50 to 60 Hz	**Power consumption tolerance**	+/-10%
Initial CLO power consumption	– W		
Average CLO power consumption	– W	**Over Time Performance (IEC Compliant)**	
Inrush current	22 A	**Control gear failure rate at median useful life 50000 h**	10 %
Inrush time	0.275 ms	**Lumen maintenance at median useful life* 50000 h**	L80
Power Consumption	63 W		
Power Factor (Fraction)	0.9	**Application Conditions**	
Connection	Track	**Performance ambient temperature Tq**	25 °C
Cable	–	**Maximum dim level**	1%
Number of products on MCB of 16 A type B	24	**Suitable for random switching**	Yes
Temperature		**Product Data**	
Ambient temperature range	+10 to +40 °C	**Order product name**	SM505T LED80S/830 PSD-VLC DA25N SI
		Full product name	SM505T LED80S/830 PSD-VLC DA25N SI
Controls and Dimming		**Full product code**	871869917225100
Dimmable	Yes	**Order code**	910500459750
Driver/power unit/transformer	Power supply unit with DALI interface, Visual Light Communication (VLC) ready (integrated)	**Material Nr. (12NC)**	910500459750
		Numerator – Quantity Per Pack	1
Control interface	DALI	**EAN/UPC – Product/Case**	8718699172251
Constant light output	No	**Numerator – Packs per outer box**	1
		EAN/UPC – Case	8718699172251
Mechanical and Housing			
Housing Material	Plastic		
Reflector material	Steel		
Optic material	Polycarbonate		

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Dimensional drawing

605

75

575

23

184

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2023, October 9 – data subject to change