



StoreSet

SM505T LED80S/830 PSU DA25N SI XA

StoreSet track, 830 warm white, Power supply unit (On/Off), 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 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 Technical	
Light source replaceable	No	ENEC mark	ENEC mark
Number of gear units	1 unit	Glow-wire test	Temperature 650 °C, duration 30 s
Driver included	Yes	EU RoHS compliant	Yes
Product family code	SM505T [StoreSet track]	Luminous Flux	8,000 lumen
Lighting Technology	LED	Correlated Color Temperature (Nom)	3000 K
Value ladder	Specification	Luminous Efficacy (rated) (Nom)	154 lm/W
CE mark	Yes	Color rendering index (CRI)	≥80
Warranty period	5 years	Number of light sources	1
Flammability mark	For mounting on normally flammable surfaces		

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	19 A
Inrush time	0.280 ms
Power Consumption	52 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
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
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	Silver
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]
Sustainability rating	-
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	10 %
50000 h	
Lumen maintenance at median useful life*	L90
50000 h	

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes

Product Data

Full product code	871869996552500
Order product name	SM505T LED80S/830 PSU DA25N SI XA
Order code	910505100366
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910505100366
Full product name	SM505T LED80S/830 PSU DA25N SI XA
EAN/UPC - Case	8718699965525
EAN/UPC - Product/Case	8718699965525

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Dimensional drawing

