



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			B10. Therefore, the median useful life (B50
Light source replaceable	No		value also represents the B10 value.
Number of gear units	1 unit	Service tag	Yes
Driver included	Yes	Product family code	SM505T [StoreSet track]
Remarks	*-Per Lighting Europe guidance paper	Lighting Technology	LED
	"Evaluating performance of LED based	Value ladder	Specification
	luminaires - January 2018": statistically	CE mark	Yes
	there is no relevant difference in lumen	Warranty period	5 years
	maintenance between B50 and for example		

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

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]
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	10 %
life 50000 h	
Lumen maintenance at median useful life*	L80
50000 h	

Application Conditions

Performance ambient temperature Tq	25 ℃
Maximum dim level	1%
Suitable for random switching	Yes

Product Data

Order product name	SM505T LED80S/830 PSD-VLC DA25N SI
Full product name	SM505T LED80S/830 PSD-VLC DA25N SI
Full product code	871869917225100
Order code	910500459750
Material Nr. (12NC)	910500459750
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699172251
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699172251

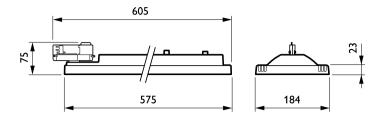
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Inrush current	22 A
Inrush time	0.275 ms
Power Consumption	63 W
Power Factor (Fraction)	0.9
Connection	Track
Cable	-
Number of products on MCB of 16 A type B	24
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALL interface

Diminable	163
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

Housing Material	Plastic
Reflector material	Steel
Optic material	Polycarbonate

StoreSet

Dimensional drawing





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