StoreSet

SM505S LED66S/830 PSD-CLO-VLC DA25W SI

StoreSet trunking, 830 warm white, Power supply unit with DALI interface and constant light output, Double asymmetric optic 25° wide 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 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	Unit
Driver included	Yes
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 useful life (B50) value also represents the B10 value.
Product family code	SM505S [StoreSet trunking]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years

StoreSet

Flammability mark	For mounting on normally flammable surfaces		**Fixation material**	Steel
ENEC mark	ENEC mark		**Housing Colour**	Silver
Glow-wire test	Temperature 650 °C, duration 30 s		**Optical cover/lens finish**	Clear
EU RoHS compliant	Yes		**Overall length**	575 mm
			Overall width	184 mm
			Overall height	89 mm
Light Technical			**Dimensions (height x width x depth)**	89 x 184 x 575 mm
Luminous Flux	6,600 lm			
Correlated Colour Temperature	3000 K		**Approval and Application**	
Luminous efficacy (rated) (nom.)	132 lm/W		**Ingress protection code**	IP20 [Finger-protected]
Colour rendering index (CRI)	≥80		**Mech. impact protection code**	IK02 [0.2 J standard]
Beam angle of light source	120 degree(s)		**Protection class IEC**	Safety class I
Light source colour	830 warm white		**Photobiological risk**	Photobiological risk group 1 @200mm to EN62778
Optic type	Double asymmetric optic 25° wide beam			
Luminaire light beam spread	86° x 92°			
Unified Glare Rating (CEN)	Not applicable		**Initial Performance (IEC Compliant)**	
			Luminous flux tolerance	+/-10%
Operating and Electrical			**Initial chromaticity**	(0.43, 0.40) SDCM<3
Input Voltage	220 to 240 V		**Power consumption tolerance**	+/-10%
Line Frequency	50 to 60 Hz			
Initial CLO power consumption	43.5 W		**Over Time Performance (IEC Compliant)**	
Average CLO power consumption	49 W		**Control gear failure rate at median useful life 50,000 h**	10 %
End CLO power consumption	54.4 W			
Inrush current	22 A		**Lumen maintenance at median useful life* 50,000 h**	L80
Inrush time	0.275 ms			
Power Consumption	50 W			
Power Factor (Fraction)	0.9		**Application Conditions**	
Connection	Connection unit 7-pole		**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**	SM505S LED66S/830 PSD-CLO-VLC DA25W SI
Controls and Dimming			**Full product name**	SM505S LED66S/830 PSD-CLO-VLC DA25W SI
Dimmable	Yes			
Driver/power unit/transformer	Power supply unit with DALI interface and constant light output		**Full EOC**	871869917243500
			Order code	17243500
Control interface	DALI		**Material no. (12 NC)**	910500459768
Constant light output	Yes		**SAP numerator – quantity per pack**	1
			EAN/UPC — Product/Case	8718699172435
Mechanical and Housing			**Numerator – packs per outer box**	1
Housing material	Plastic		**EAN/UPC – Case**	8718699172435
Reflector material	Steel			
Optic material	Polycarbonate			
Optical cover/lens material	Polycarbonate			

StoreSet

Dimensional drawing