StoreSet

SM505T LED90S/830 PSU DA35W BK

StoreSet track, 830 warm white, Power supply unit (On/Off), Double asymmetric optic 35° wide 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
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark

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Glow-wire test	Temperature 650 ℃, duration 30 s		**Optical cover finish**	Clear
EU RoHS compliant	Yes		**Overall length**	605 mm
			Overall width	184 mm
			Overall height	75 mm
Light Technical			**Dimensions (Height x Width x Depth)**	75 x 184 x 605 mm
Luminous Flux	9,000 lm			
Correlated Color Temperature (Nom)	3000 K		**Approval and Application**	
Luminous Efficacy (rated) (Nom)	122 lm/W		**Ingress protection code**	IP20 [Finger-protected]
Color rendering index (CRI)	≥80		**Mech. impact protection code**	IK02 [0.2 J standard]
Beam angle of light source	120 degree(s)		**Sustainability rating**	–
Light source color	830 warm white		**Protection class IEC**	Safety class I
Optic type	Double asymmetric optic 35° wide beam		**Photobiological risk**	Photobiological risk group 1 @200mm to EN62778
Luminaire light beam spread	104° x 98°			
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	– W			
Average CLO power consumption	– W		**Over Time Performance (IEC Compliant)**	
Inrush current	19 A		**Control gear failure rate at median useful life 50000 h**	10 %
Inrush time	0.280 ms			
Power Consumption	74 W		**Lumen maintenance at median useful life* 50000 h**	L80
Power Factor (Fraction)	0.9			
Connection	Track			
Cable	–		**Application Conditions**	
Number of products on MCB of 16 A type B	24		**Performance ambient temperature Tq**	25 ℃
			Maximum dim level	Not applicable
Temperature			**Suitable for random switching**	Yes
Ambient temperature range	+10 to +40 ℃			
			Product Data	
Controls and Dimming			**Order product name**	SM505T LED90S/830 PSU DA35W BK
Dimmable	No		**Full product name**	SM505T LED90S/830 PSU DA35W BK
Driver/power unit/transformer	Power supply unit (On/Off)		**Full product code**	871869917233600
Control interface	–		**Order code**	910500459758
Constant light output	No		**Material Nr. (12NC)**	910500459758
			Numerator – Quantity Per Pack	1
Mechanical and Housing			**EAN/UPC – Product/Case**	8718699172336
Housing Material	Plastic		**Numerator – Packs per outer box**	1
Reflector material	Steel		**EAN/UPC – Case**	8718699172336
Optic material	Polycarbonate			
Optical cover material	Polycarbonate			
Fixation material	Polyamide			
Housing Color	Black			

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Dimensional drawing

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2024, February 1 – data subject to change