StoreSet

SM505T LED90S/830 PSU DA25W BK XA

StoreSet track, 830 warm white, Power supply unit (On/Off), Double asymmetric optic 25° 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		ENEC mark	ENEC mark
Light source replaceable	No	Glow-wire test	Temperature 650 °C, duration 30 s
Number of gear units	1 unit	EU RoHS compliant	Yes
Driver included	Yes		
Product family code	SM505T [StoreSet track]	**Light Technical**	
Lighting Technology	LED	Luminous Flux	9,000 lumen
Value ladder	Specification	Correlated Color Temperature (Nom)	3000 K
CE mark	Yes	Luminous Efficacy (rated) (Nom)	153 lm/W
Warranty period	5 years	Color rendering index (CRI)	≥80
Flammability mark	For mounting on normally flammable surfaces	Number of light sources	1

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Beam angle of light source	120 degree(s)		**Dimensions (Height x Width x Depth)**	75 x 184 x 605 mm
Light source color	830 warm white			
Optic type	Double asymmetric optic 25° wide beam		**Approval and Application**	
Luminaire light beam spread	86° x 92°		**Ingress protection code**	IP20 [Finger-protected]
Unified glare rating CEN	Not applicable		**Mech. impact protection code**	IK02 [0.2 J standard]
			Sustainability rating	–
Operating and Electrical			**Protection class IEC**	Safety class I
Input Voltage	220 to 240 V		**Photobiological risk**	Photobiological risk group 1 @200mm to EN62778
Line Frequency	50 to 60 Hz			
Initial CLO power consumption	– W			
Average CLO power consumption	– W		**Initial Performance (IEC Compliant)**	
Inrush current	19 A		**Luminous flux tolerance**	+/-10%
Inrush time	0.280 ms		**Initial chromaticity**	(0.43, 0.40) SDCM<3
Power Consumption	59 W		**Power consumption tolerance**	+/-10%
Power Factor (Fraction)	0.9			
Connection	Track		**Over Time Performance (IEC Compliant)**	
Cable	–		**Control gear failure rate at median useful life 50000 h**	10 %
Number of products on MCB of 16 A type B	24		**Lumen maintenance at median useful life* 50000 h**	L90
Temperature				
Ambient temperature range	+10 to +40 ℃		**Application Conditions**	
			Performance ambient temperature Tq	25 ℃
Controls and Dimming			**Maximum dim level**	Not applicable
Dimmable	No		**Suitable for random switching**	Yes
Driver/power unit/transformer	Power supply unit (On/Off)			
Control interface	–		**Product Data**	
Constant light output	No		**Full product code**	871869996556300
			Order product name	SM505T LED90S/830 PSU DA25W BK XA
Mechanical and Housing			**Order code**	910505100370
Housing Material	Plastic		**Numerator – Quantity Per Pack**	1
Reflector material	Steel		**Numerator – Packs per outer box**	1
Optic material	Polycarbonate		**Material Nr. (12NC)**	910505100370
Optical cover material	Polycarbonate		**Full product name**	SM505T LED90S/830 PSU DA25W BK XA
Fixation material	Polyamide		**EAN/UPC – Case**	8718699965563
Housing Color	Black		**EAN/UPC – Product/Case**	8718699965563
Optical cover finish	Clear			
Overall length	605 mm			
Overall width	184 mm			
Overall height	75 mm			

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Dimensional drawing

www.lighting.philips.com

2023, October 5 – data subject to change