



StoreSet

SM505T LED90S/840 PSU WB WH

StoreSet track, 840 neutral white, Power supply unit (On/Off), Wide beam, White

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			life (B50) value also represents the B10
Light source replaceable	No		value.
Number of gear units	1 unit	Product family code	SM505T [StoreSet track]
Driver included	Yes	Lighting Technology	LED
Remarks	*-Per Lighting Europe guidance paper	Value ladder	Specification
	"Evaluating performance of LED based	CE mark	Yes
	luminaires - January 2018": statistically	Warranty period	5 years
	there is no relevant difference in lumen	Flammability mark	For mounting on normally flammable
	maintenance between B50 and for		surfaces
	example B10. Therefore, the median useful	ENEC mark	ENEC mark
		Glow-wire test	Temperature 650 °C, duration 30 s

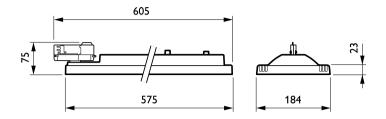
StoreSet

EU RoHS compliant	Yes	
Light Technical		
Light Technical	0.000 have at	
Luminous Flux	9,000 lumen	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	134 lm/W	
Color rendering index (CRI)	280	
Beam angle of light source	120 degree(s)	
Light source color	840 neutral white	
Optic type	Wide beam	
Luminaire light beam spread	85° x 85°	
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	67 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	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	White	
5		

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	(0.38, 0.38) SDCM<3	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Complia	ant)	
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	Not applicable	
Suitable for random switching	Yes	
Dreduct Data		
Product Data	971960017006700	
Full product code	871869917236700	
Order product name	SM505T LED90S/840 PSU WB WH	
Order code	910500459761	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	1	
Material Nr. (12NC)	910500459761	
Full product name	SM505T LED90S/840 PSU WB WH	
EAN/UPC - Case	8718699172367	
EAN/UPC - Product/Case	8718699172367	

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Dimensional drawing





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www.lighting.philips.com 2023, October 5 - data subject to change