



StoreSet

SM505T LED90S/840 PSU WB WH XA

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	
Light source replaceable	No
Number of gear units	1 unit
Driver included	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
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	9,000 lumen
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	164 lm/W
Color rendering index (CRI)	≥80
Beam angle of light source	120 degree(s)

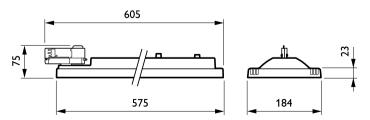
Datasheet, 2023, October 5 data subject to change

StoreSet

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	55 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
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
Annual and Application	
Approval and Application	1000 (5)
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-
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%
	-1
Over Time Performance (IEC Complian	
Over Time Performance (IEC Complian Control gear failure rate at median useful life	
Control gear failure rate at median useful life	
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life*	10 %
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Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq	10 % L90 25 ℃
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level	L90 25 °C Not applicable
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Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data	L90 25 °C Not applicable Yes
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Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Full product code Order product name	10 % L90 25 °C Not applicable Yes 871869996558700 SM505T LED90S/840 PSU WB WH XA
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Full product code Order product name Order code	10 % L90 25 ℃ Not applicable Yes 871869996558700 SM505T LED90S/840 PSU WB WH XA 910505100372
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Full product code Order product name Order code Numerator - Quantity Per Pack	10 % L90 25 °C Not applicable Yes 871869996558700 SM505T LED90S/840 PSU WB WH XA 910505100372 1
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Full product code Order product name Order code Numerator - Quantity Per Pack Numerator - Packs per outer box	10 % L90 25 °C Not applicable Yes 871869996558700 SM505T LED90S/840 PSU WB WH XA 910505100372 1 1
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Full product code Order product name Order code Numerator - Quantity Per Pack Numerator - Packs per outer box Material Nr. (12NC)	10 % L90 25 °C Not applicable Yes 871869996558700 SM505T LED90S/840 PSU WB WH XA 910505100372 1 1 910505100372

Dimensional drawing



StoreSet



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