



StoreSet

SM505T LED90S/830 PSD-VLC DA25N BK XA

StoreSet track - 830 warm white - Power supply unit with DALI interface - Double asymmetric optic narrow beam - Black

Today's retail stores are all about creating experiences in order to attract and retain visitors. StoreSet adds atmosphere to your store by introducing contrast and breaking up the traditional continuous light-lines. A variety of beam shapes, combined with excellent light quality, ensures the merchandise stands out, whilst at the same time enabling you to create your chosen ambience. StoreSet is lightweight and can be easily connected to power tracks. Installation is straightforward, and if your needs change, you can simply adapt the lighting by repositioning the fixtures along the track. This makes StoreSet a truly flexible tool for setting store ambience.

Product data

General Information		Operating and Electrical	
Number of light sources	1 [1 pc]	Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]
Beam angle of light source	120 °	Flammability mark	F [For mounting on normally flammable surfaces]
Lamp colour code	830 warm white	CE mark	CE mark
Light source replaceable	No	ENEC mark	ENEC mark
Number of gear units	1 unit	Warranty period	5 years
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]	Constant light output	No
Driver included	Yes	Number of products on MCB (16 A type B)	24
Optic type	Double asymmetric optic narrow beam	EU RoHS compliant	Yes
Luminaire light beam spread	25°	Product family code	SM505T [StoreSet track]
Control interface	DALI	Unified glare rating CEN	Not applicable
Connection	No [-]	Operating and Electrical	
Cable	-	Input Voltage	220 to 240 V
Protection class IEC	Safety class I (I)	Input frequency	50 to 60 Hz

Inrush current	21 A
Inrush time	0.280 ms
Power factor (min.)	0.9

Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing material	Plastic
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Polyamide
Optical cover/lens finish	Clear
Overall length	613 mm
Overall width	184 mm
Overall height	75 mm
Colour	Black
Dimensions (height x width x depth)	75 x 184 x 613 mm (3 x 7.2 x 24.1 in)

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	9000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	153 lm/W
Lamp colour temperature	3000 K
Colour Rendering Index	≥80

Initial chromaticity	(0.43, 0.40) SDCM<3
Initial input power	59 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L90

Application Conditions

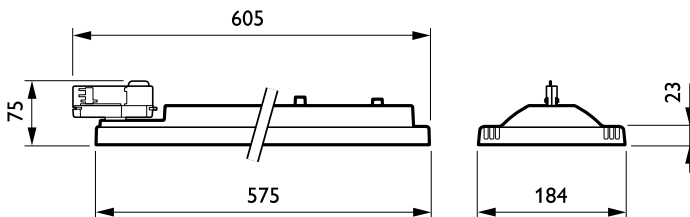
Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	1%
Suitable for random switching	Yes

Product Data

Full product code	871869996554900
Order product name	SM505T LED90S/830 PSD-VLC DA25N BK XA
EAN/UPC – product	8718699965549
Order code	910505100368
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12 NC)	910505100368
SAP net weight (piece)	2.200 kg

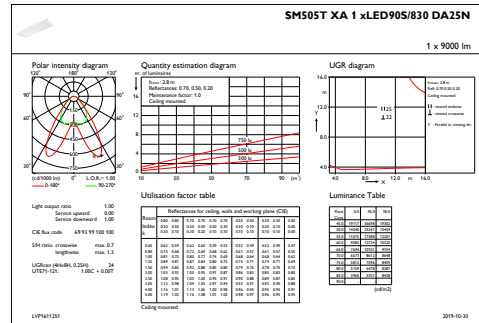
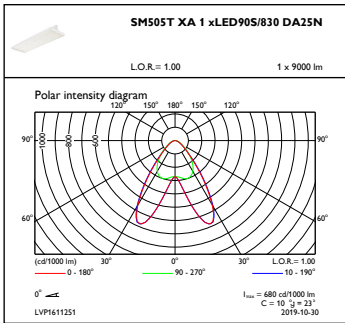


Dimensional drawing



StoreSet track SM505T

Photometric data



OFPC1_SM505TXA1xLED90S830DA25N

IFGU1_SM505TXA1xLED90S830DA25N

