



# StoreSet

## SM505T LED90S/830 PSU DA25N BK XA

StoreSet track - 830 warm white - Power supply unit - 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		Flammability mark	
Number of light sources	1 [ 1 pc]	Flammability mark	F [ For mounting on normally flammable surfaces]
Beam angle of light source	120 °	CE mark	CE mark
Lamp colour code	830 warm white	ENEC mark	ENEC mark
Light source replaceable	No	Warranty period	5 years
Number of gear units	1 unit	Constant light output	No
Driver/power unit/transformer	PSU [ Power supply unit]	Number of products on MCB (16 A type B)	24
Driver included	Yes	EU RoHS compliant	Yes
Optic type	Double asymmetric optic narrow beam	Product family code	SM505T [ StoreSet track]
Luminaire light beam spread	25°	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
Glow-wire test	650/5 [ Temperature 650 °C, duration 5 s]	Inrush current	19 A

# StoreSet

Inrush time	0.280 ms
Power factor (min.)	0.9

## Controls and Dimming

Dimmable	No
----------	----

## 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

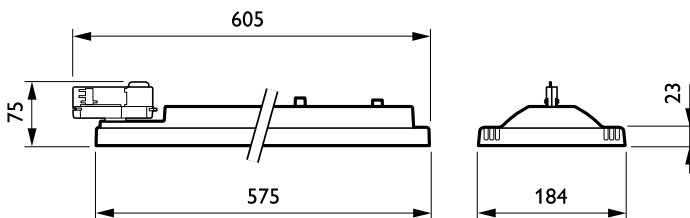
Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

## Product Data

Full product code	871869996555600
Order product name	SM505T LED90S/830 PSU DA25N BK XA
EAN/UPC – product	8718699965556
Order code	910505100369
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12 NC)	910505100369
SAP net weight (piece)	2.200 kg

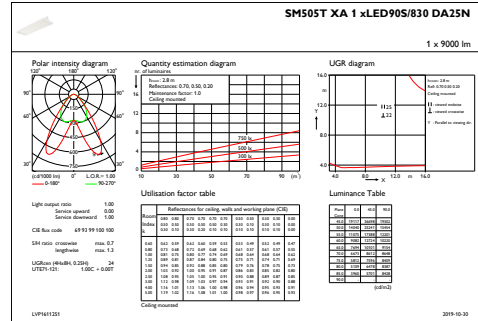
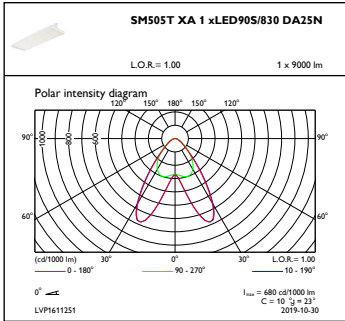


## Dimensional drawing



StoreSet track SM505T

Photometric data



OFPC1\_SM505TXA1xLED90S830DA25N

IFGU1\_SM505TXA1xLED90S830DA25N

