



# Flexible ambience creation

## StoreSet

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.

### Benefits

- Customized store ambience with a high-flux luminaire and flexible positioning to suit any store layout
- Excellent quality of light combined with high efficiency enabled by the wide range of optics
- Future-proof solution accommodating future initiatives related to layout or system enhancement

### Features

- Wide range of beams and optics available
- Track connection (3C track or Maxos fusion) or recessed
- Efficient solution: up to 170 lumens per watt (XA version)
- Easy to install and connect, lightweight
- Project specifications available; DALI, emergency lighting, CLO-enabled, indoor positioning

### Application

- General and aisle lighting for food retail and big-box stores

### Specifications

<b>Type</b>	SM505T (track version) SM505S (trunking version, connection to Maxos Fusion) RC505B (recessed version)
<b>Ceiling type</b>	Exposed- and symmetrical concealed T-bar ceiling (RC505B version)
<b>Light source</b>	Non-replaceable LED module
<b>Light source</b>	LED66S: 50W/830, 46W/840, 61W/930; 41W/830 XA, 38.5W/840 XA LED80S: 63W/830, 58W/840, 77W/930; 52W/830 XA, 48W/840 XA LED90S: 74W/830, 67W /840, 87W/930; 59W/830 XA, 55W/840 XA
<b>Beam angle</b>	DA25N, DA25W, DA35W, WB, DA45, A20
<b>Luminous flux</b>	LED66S, LED80S, LED90S
<b>Correlated Color Temperature</b>	3000 (830, 930) or 4000 K (840)
<b>Color Rendering Index</b>	>80
<b>Useful life L70B50</b>	70,000 hrs
<b>Useful life L80B50</b>	50,000 hours
<b>Useful life L90B50</b>	25,000 hours
<b>Average ambient temperature</b>	25 °C

<b>Operating temperature range</b>	0 to 40 °C
<b>Driver</b>	Built-in
<b>Mains voltage</b>	230 or 240 V / 50 - 60 Hz
<b>Dimming</b>	Dimmable for DALI version
<b>Material</b>	Emergency lighting ELP3 in trunking versions CLO Indoor Positioning enabled
<b>Material</b>	Housing: PC/Metal Lenses: PC
<b>Color</b>	White (WH), Silver (SI) and Black (BK)
<b>Optic</b>	Beam angle 36 to 60°
<b>Optical cover</b>	Polycarbonate, clear
<b>Connection</b>	Wieland/Adels push-in connector, 3-pole mains (and 2-pole control signal) (W3) Trunking WAGO connector 3C-track adaptor
<b>Maintenance</b>	Service class B
<b>Installation</b>	On 3-circuit track Exposed ceilings: in lay, no brackets needed No through-wiring possibility
<b>Maintenance</b>	None

## Versions



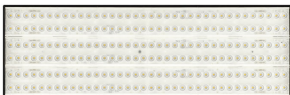
SM505T



SM505T

## Product details

StoreSet\_Trak\_SM505T-DP01.tif



StoreSet\_Trak\_SM505T-DP02.tif



## Product details

StoreSet\_Trak\_SM505T-DP03.tif



### Application Conditions

Ambient temperature range	+10 to +40 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes

### Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

### Controls and Dimming

Dimmable	No
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### Operating and Electrical

Input Voltage	220 to 240 V
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### General Information

Beam angle of light source	120 °
CE mark	CE mark
Protection class IEC	Safety class I (I)
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	F
Glow-wire test	650/5
Light source replaceable	No
Number of gear units	1 unit
Product Family Code	SM505T
Service tag	Yes

### Initial Performance (IEC Compliant)

Initial chromaticity	(0.43, 0.40) SDCM<3
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	≥80
Luminous flux tolerance	+/-10%

### General Information

Order Code	Full Product Name	Optic type
17228200	SM505T LED66S/830 PSU DA25W SI	Double asymmetric optic wide beam
17231200	SM505T LED90S/830 PSU DA25N BK	Double asymmetric optic narrow beam

## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
17228200	SM505T LED66S/830 PSU DA25W SI	132 lm/W	6600 lm	50 W

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
17231200	SM505T LED90S/830 PSU DA25N BK	122 lm/W	9000 lm	74 W

## Mechanical and Housing

Order Code	Full Product Name	Color
17228200	SM505T LED66S/830 PSU DA25W SI	Silver

Order Code	Full Product Name	Color
17231200	SM505T LED90S/830 PSU DA25N BK	Black

