



# 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

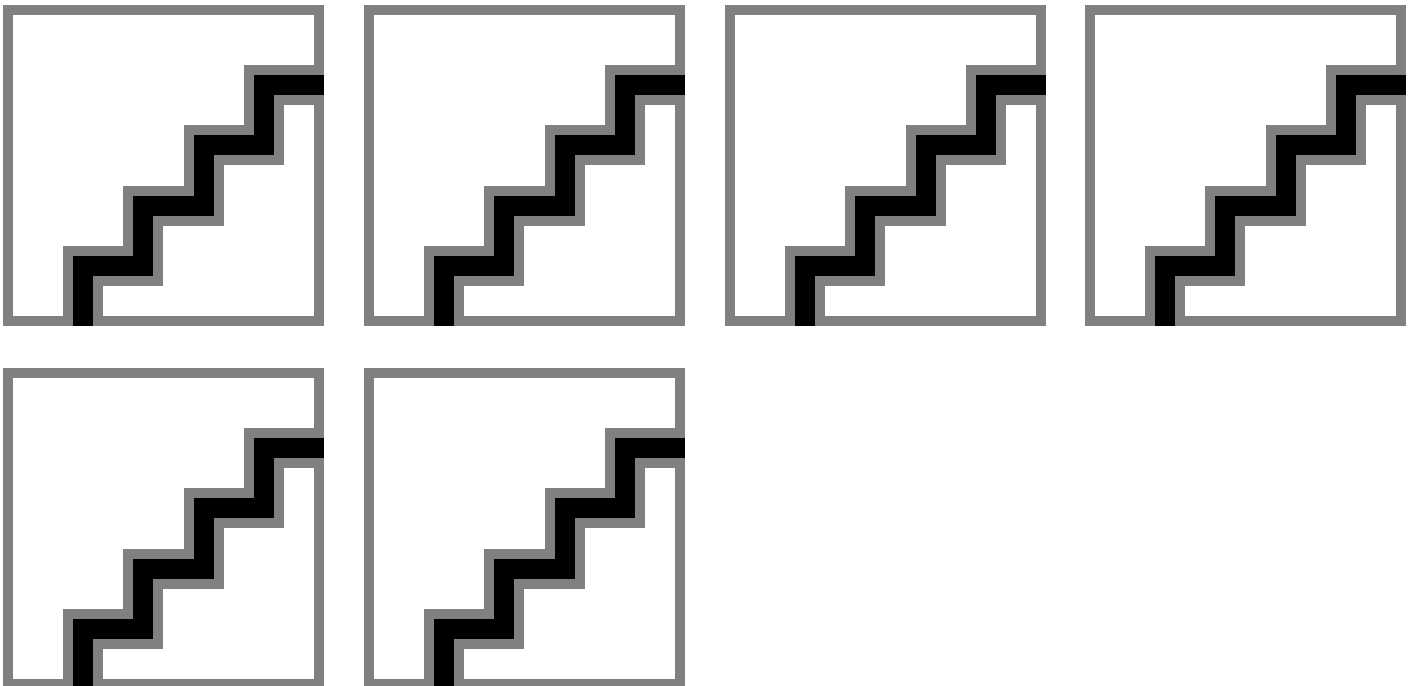
- General and aisle lighting for food retail and big-box stores

### Specifications

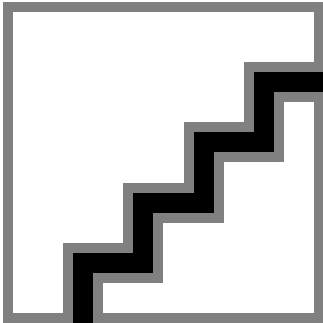
<b>Type</b>	SM505T (track version) SM505S (trunking version, connection to Maxos Fusion) RC505B (recessed version)
<b>Ceiling type</b>	Exposed and symmetrical concealed T-bar ceiling (RC505B version)
<b>Light source</b>	Non-replaceable LED module
<b>Beam angle</b>	DA25N, DA25W, DA35W, WB, DA45, A20
<b>Luminous flux</b>	LED66S, LED80S, LED90S
<b>Correlated Colour</b>	3,000 (830, 930) or 4,000 K (840)
<b>Temperature</b>	
<b>Colour 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>Colour</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: inlay, no brackets needed No through-wiring possibility
<b>Maintenance</b>	None

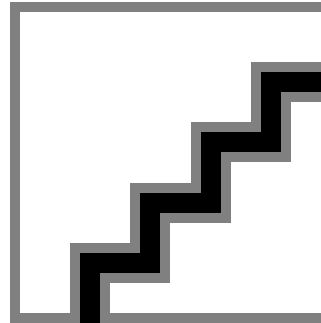
## Versions



## Product details



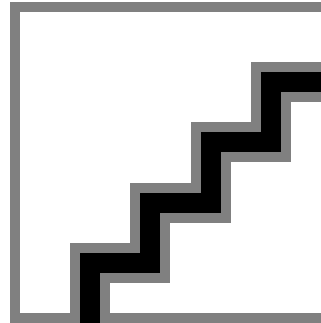
StoreSet\_Trak\_SM505T-DP01.tif



StoreSet\_Trak\_SM505T-DP02.tif



StoreSet\_Trak\_SM505T-DP03.tif



StoreSet\_Maxos-SM505S-DP.tif

### Application Conditions

Ambient temperature range	+10 to +40 °C
Suitable for random switching	Yes

### Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

### 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
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	F
Glow-wire test	Temperature 650 °C, duration 5 s
Light source replaceable	No
Number of gear units	1 unit

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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### Application Conditions

Order Code	Full Product Name	Maximum dim level
17223700	SM505T LED80S/830 PSU DA25N SI	Not applicable
17225100	SM505T LED80S/830 PSD-VLC DA25N SI	1%
17228200	SM505T LED66S/830 PSU DA25W SI	Not applicable
17226800	SM505T LED80S/830 PSD-VLC DA25N BK	1%
17227500	SM505T LED80S/840 PSD-VLC DA25N WH	1%
17231200	SM505T LED90S/830 PSU DA25N BK	Not applicable
17232900	SM505T LED90S/830 PSU DA25W BK	Not applicable
17239800	SM505T LED90S/830 PSD-CLO-VLC DA25N BK	1%
17242800	SM505T LED90S/840 PSD-VLC WB WH	1%
17243500	SM505S LED66S/830 PSD-CLO-VLC DA25W SI	1%
17246600	SM505S LED90S/830 PSD-CLO-VLC DA25N BK	1%
17247300	SM505S LED90S/830 PSD-CLO-VLC DA25W BK	1%
17251000	SM505S LED90S/840 PSD-VLC WB WH	1%

## Controls and Dimming

Order Code	Full Product Name	Dimmable
17223700	SM505T LED80S/830 PSU DA25N SI	No
17225100	SM505T LED80S/830 PSD-VLC DA25N SI	Yes
17228200	SM505T LED66S/830 PSU DA25W SI	No
17226800	SM505T LED80S/830 PSD-VLC DA25N BK	Yes
17227500	SM505T LED80S/840 PSD-VLC DA25N WH	Yes
17231200	SM505T LED90S/830 PSU DA25N BK	No
17232900	SM505T LED90S/830 PSU DA25W BK	No

Order Code	Full Product Name	Dimmable
17239800	SM505T LED90S/830 PSD-CLO-VLC DA25N BK	Yes
17242800	SM505T LED90S/840 PSD-VLC WB WH	Yes
17243500	SM505S LED66S/830 PSD-CLO-VLC DA25W SI	Yes
17246600	SM505S LED90S/830 PSD-CLO-VLC DA25N BK	Yes
17247300	SM505S LED90S/830 PSD-CLO-VLC DA25W BK	Yes
17251000	SM505S LED90S/840 PSD-VLC WB WH	Yes

General Information

Order Code	Full Product Name	Optic type	Product Family Code
17223700	SM505T LED80S/830 PSU DA25N SI	Double asymmetric optic narrow beam	SM505T
17225100	SM505T LED80S/830 PSD-VLC DA25N SI	Double asymmetric optic narrow beam	SM505T
17228200	SM505T LED66S/830 PSU DA25W SI	Double asymmetric optic wide beam	SM505T
17226800	SM505T LED80S/830 PSD-VLC DA25N BK	Double asymmetric optic narrow beam	SM505T
17227500	SM505T LED80S/840 PSD-VLC DA25N WH	WB	SM505T
17231200	SM505T LED90S/830 PSU DA25N BK	Double asymmetric optic narrow beam	SM505T
17232900	SM505T LED90S/830 PSU DA25W BK	Double asymmetric optic wide beam	SM505T

Order Code	Full Product Name	Optic type	Product Family Code
17239800	SM505T LED90S/830 PSD-CLO-VLC DA25N BK	Double asymmetric optic narrow beam	SM505T
17242800	SM505T LED90S/840 PSD-VLC WB WH	WB	SM505T
17243500	SM505S LED66S/830 PSD-CLO-VLC DA25W SI	Double asymmetric optic wide beam	SM505S
17246600	SM505S LED90S/830 PSD-CLO-VLC DA25N BK	Double asymmetric optic narrow beam	SM505S
17247300	SM505S LED90S/830 PSD-CLO-VLC DA25W BK	Double asymmetric optic wide beam	SM505S
17251000	SM505S LED90S/840 PSD-VLC WB WH	WB	SM505S

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Init. Colour Rendering Index	Initial LED luminaire efficacy
17223700	SM505T LED80S/830 PSU DA25N SI	(0.43, 0.40)	3000 K	≥80	127 lm/W
17225100	SM505T LED80S/830 PSD-VLC DA25N SI	(0.43, 0.40)	3000 K	≥80	127 lm/W
17228200	SM505T LED66S/830 PSU DA25W SI	(0.43, 0.40)	3000 K	≥80	132 lm/W
17226800	SM505T LED80S/830 PSD-VLC DA25N BK	(0.43, 0.40)	3000 K	≥80	127 lm/W
17227500	SM505T LED80S/840 PSD-VLC DA25N WH	(0.38, 0.38)	4000 K	≥80	138 lm/W

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Init. Colour Rendering Index	Initial LED luminaire efficacy
17231200	SM505T LED90S/830 PSU DA25N BK	(0.43, 0.40)	3000 K	≥80	122 lm/W
17232900	SM505T LED90S/830 PSU DA25W BK	(0.43, 0.40)	3000 K	≥80	122 lm/W
17239800	SM505T LED90S/830 PSD-CLO-VLC DA25N BK	(0.43, 0.40)	3000 K	80	122 lm/W
17242800	SM505T LED90S/840 PSD-VLC WB WH	(0.38, 0.38)	4000 K	≥80	134 lm/W
17243500	SM505S LED66S/830 PSD-CLO-VLC DA25W SI	(0.43, 0.40)	3000 K	≥80	132 lm/W

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Init. Colour Rendering Index	Initial LED luminaire efficacy
17246600	SM505S LED90S/830 PSD-CLO-VLC DA25N BK	(0.43, 0.40)	3000 K	≥80	122 lm/W
17247300	SM505S LED90S/830 PSD-CLO-VLC DA25N BK	(0.43, 0.40)	3000 K	≥80	122 lm/W

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Init. Colour Rendering Index	Initial LED luminaire efficacy
17251000	SM505S LED90S/840 PSD-VLC WB WH	(0.38, 0.38)	4000 K	≥80	134 lm/W

**Initial Performance (IEC Compliant) (2/2)**

Order Code	Full Product Name	Initial luminous flux	Initial input power
17223700	SM505T LED80S/830 PSU DA25N SI	8000 lm	63 W
17225100	SM505T LED80S/830 PSD-VLC DA25N SI	8000 lm	63 W
17228200	SM505T LED66S/830 PSU DA25W SI	6600 lm	50 W
17226800	SM505T LED80S/830 PSD-VLC DA25N BK	8000 lm	63 W
17227500	SM505T LED80S/840 PSD-VLC DA25N WH	8000 lm	58 W
17231200	SM505T LED90S/830 PSU DA25N BK	9000 lm	74 W
17232900	SM505T LED90S/830 PSU DA25W BK	9000 lm	74 W
17239800	SM505T LED90S/830 PSD-CLO-VLC DA25N BK	9000 lm	74 W

Order Code	Full Product Name	Initial luminous flux	Initial input power
17242800	SM505T LED90S/840 PSD-VLC WB WH	9000 lm	67 W
17243500	SM505S LED66S/830 PSD-CLO-VLC DA25W SI	6600 lm	50 W
17246600	SM505S LED90S/830 PSD-CLO-VLC DA25N BK	9000 lm	74 W
17247300	SM505S LED90S/830 PSD-CLO-VLC DA25W BK	9000 lm	74 W
17251000	SM505S LED90S/840 PSD-VLC WB WH	9000 lm	67 W

**Mechanical and Housing**

Order Code	Full Product Name	Colour
17223700	SM505T LED80S/830 PSU DA25N SI	Silver
17225100	SM505T LED80S/830 PSD-VLC DA25N SI	Silver
17228200	SM505T LED66S/830 PSU DA25W SI	Silver
17226800	SM505T LED80S/830 PSD-VLC DA25N BK	Black
17227500	SM505T LED80S/840 PSD-VLC DA25N WH	Black
17231200	SM505T LED90S/830 PSU DA25N BK	Black
17232900	SM505T LED90S/830 PSU DA25W BK	Black

Order Code	Full Product Name	Colour
17239800	SM505T LED90S/830 PSD-CLO-VLC DA25N BK	Black
17242800	SM505T LED90S/840 PSD-VLC WB WH	White
17243500	SM505S LED66S/830 PSD-CLO-VLC DA25W SI	Silver
17246600	SM505S LED90S/830 PSD-CLO-VLC DA25N BK	Black
17247300	SM505S LED90S/830 PSD-CLO-VLC DA25W BK	Black
17251000	SM505S LED90S/840 PSD-VLC WB WH	White

