# StoreSet Evo: Sustainable lighting for the stores of the future

## StoreSet Evo

StoreSet Evo combines a slim, contemporary design and uniform light distribution with a wide range of OptiSuit optics to meet various applications. This system meets our strict Lighting for Circularity criteria, creating a pleasant in-store ambience while contributing to your sustainability goals. StoreSet Evo can be used across a wide range of retail applications: it can be easily connected to power tracks, Maxos fusion backbone or recessed ceilings.

### Benefits
- Appealing look and feel: StoreSet evo's slim and contemporary design blends unobtrusively into your store's layout
- Ease of installation: the one-point central track suspension with rotation offers you complete flexibility when installing, repositioning and maintaining your luminaires
- Future-proof application: its modular components, drivers and light engines are designed for easy maintenance and replacement to extend product life

### Features
- Slim and contemporary design blends seamlessly into shop interiors
- Outstanding light quality with best-in-class efficiency
- Wide range of OptiSuit optics to meet various applications
- Provides uniform lighting distribution while saving energy
- Easy maintenance with fast and toolless driver access
- Meets Lighting for Circularity criteria

# StoreSet Evo

## Application
· Food and large retailers
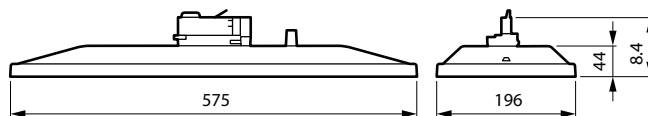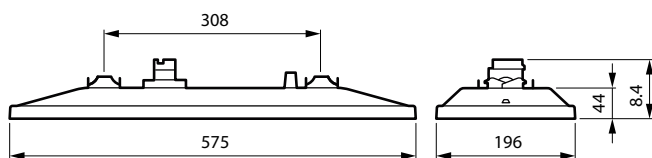· Supermarkets and hypermarkets

## Warnings and Safety
· The canopy and optical surfaces must only ever be cleaned with a lint-free cloth and without detergents. During maintenance,
  the product must be switched off and cooled down.

## Versions

**Storeset Evo track-mounted,**
**SM515T black**

## Dimensional drawing

308

575

196

44

8.4

575

196

44

8.4

## Product details

**Storeset Evo track-mounted,**
**SM515T black**

**Storeset Evo track-mounted,**
**SM515T black**

**Storeset Evo track-mounted,**
**SM515T black**

# StoreSet Evo

## Product details

Storeset Evo track-mounted,
SM515T, silver



Storeset Evo track-mounted,
SM515T black



Storeset Evo track-mounted,
SM515T white



Storeset Evo track-mounted,
SM515T white



Storeset Evo track-mounted,
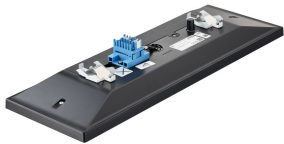SM515T black



Storeset Evo track-mounted,
SM515T white



Storeset Evo track-mounted,
SM515T black



Storeset Evo track-mounted,
SM515T black



Storeset Evo track-mounted,
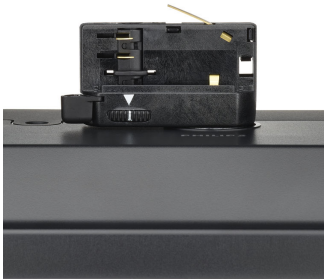SM515T white

# StoreSet Evo

## Product details

Storeset Evo track-mounted,
SM515T black

Storeset Evo track-mounted,
SM515T white

Storeset Evo track-mounted,
SM515T black

Storeset Evo track-mounted,
SM515T white

Storeset Evo track-mounted,
SM515T black

Storeset Evo track-mounted,
SM515T black

# StoreSet Evo

## General Information

| | |
|---|---|
| Driver included | Yes |
| Number of gear units | Unit |
| Service Tag | Yes |

## Light Technical

| | |
|---|---|
| Beam angle of light source | 120 degree(s) |
| Optic type | Wide beam |

## Operating and Electrical

| | |
|---|---|
| Protection class IEC | Safety class I |
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Suitable for random switching | Yes |

## Mechanical and Housing

| | |
|---|---|
| Mech. impact protection code | IK02 |
| Ingress protection code | IP20 |

## Emergency Operation

| | |
|---|---|
| Central Emergency | No |

## Approval and Application

| | |
|---|---|
| Ambient temperature range | +10 to +40 °C |
| CE mark | Yes |
| ENEC mark | ENEC mark |
| Flammability mark | For mounting on normally flammable surfaces |
| Glow-wire test | Temperature 650 °C, duration 30 s |
| Flickering value (PstLM) | 1 |
| Stroboscopic effect | 0.4 |

## Initial Performance (IEC Compliant)

| | |
|---|---|
| Luminous flux tolerance | +/-10% |

## Light Technical

| Order Code | Full Product Name | Correlated Colour Temperature (Nom) | Colour rendering index (CRI) | Luminous efficacy (rated) (nom.) | Luminous Flux |
|---|---|---|---|---|---|
| 58607900 | SM515T 90S/830 PSU WB BK | 3000 K | >80 | 124 lm/W | 9,200 lm |
| 58703800 | SM515S 66S/840 DIA-VLC WB BK HE | 4000 K | >80 | 163 lm/W | 6,700 lm |
| 58713700 | SM515T 66S/930 DIA-VLC WB BK HE | 3000 K | >90 | 153 lm/W | 6,900 lm |
| 58727400 | SM515T 80S/840 DIA-VLC WB BK | 4000 K | >80 | 139 lm/W | 8,100 lm |
| 58752600 | SM515T 80S/940 DIA-VLC WB BK HE | 4000 K | >90 | 156 lm/W | 8,300 lm |
| 58784700 | SM515T 90S/930 DIA-VLC WB BK HE | 3000 K | >90 | 146 lm/W | 9,500 lm |
| 58644400 | SM515T 90S/840 WIA WB WH HE | 4000 K | >80 | 160 lm/W | 9,000 lm |
| 58711300 | SM515T 66S/840 PSU WB WH | 4000 K | >80 | 143 lm/W | 6,600 lm |

## Operating and Electrical

| Order Code | Full Product Name | Power Consumption |
|---|---|---|
| 58607900 | SM515T 90S/830 PSU WB BK | 74 W |
| 58703800 | SM515S 66S/840 DIA-VLC WB BK HE | 41 W |
| 58713700 | SM515T 66S/930 DIA-VLC WB BK HE | 45 W |
| 58727400 | SM515T 80S/840 DIA-VLC WB BK | 58 W |

| Order Code | Full Product Name | Power Consumption |
|---|---|---|
| 58752600 | SM515T 80S/940 DIA-VLC WB BK HE | 53 W |
| 58784700 | SM515T 90S/930 DIA-VLC WB BK HE | 65 W |
| 58644400 | SM515T 90S/840 WIA WB WH HE | 56 W |
| 58711300 | SM515T 66S/840 PSU WB WH | 46 W |

## Controls and Dimming

| Order Code | Full Product Name | Dimmable | Maximum dim level |
|---|---|---|---|
| 58607900 | SM515T 90S/830 PSU WB BK | No | Not applicable |
| 58703800 | SM515S 66S/840 DIA-VLC WB BK HE | Yes | 1% |
| 58713700 | SM515T 66S/930 DIA-VLC WB BK HE | Yes | 1% |
| 58727400 | SM515T 80S/840 DIA-VLC WB BK | Yes | 1% |

| Order Code | Full Product Name | Dimmable | Maximum dim level |
|---|---|---|---|
| 58752600 | SM515T 80S/940 DIA-VLC WB BK HE | Yes | 1% |
| 58784700 | SM515T 90S/930 DIA-VLC WB BK HE | Yes | 1% |
| 58644400 | SM515T 90S/840 WIA WB WH HE | Yes | 1% |

# StoreSet Evo

| Order Code | Full Product Name | Dimmable | Maximum dim level |
|---|---|---|---|
| 58711300 | SM515T 66S/840 PSU WB WH | No | Not applicable |

## Mechanical and Housing

| Order Code | Full Product Name | Housing Colour | Order Code | Full Product Name | Housing Colour |
|---|---|---|---|---|---|
| 58607900 | SM515T 90S/830 PSU WB BK | Black | 58752600 | SM515T 80S/940 DIA-VLC WB BK HE | Black |
| 58703800 | SM515S 66S/840 DIA-VLC WB BK HE | Black | 58784700 | SM515T 90S/930 DIA-VLC WB BK HE | Black |
| 58713700 | SM515T 66S/930 DIA-VLC WB BK HE | Black | 58644400 | SM515T 90S/840 WIA WB WH HE | White |
| 58727400 | SM515T 80S/840 DIA-VLC WB BK | Black | 58711300 | SM515T 66S/840 PSU WB WH | White |

## Initial Performance (IEC Compliant)

| Order Code | Full Product Name | Initial chromaticity | Order Code | Full Product Name | Initial chromaticity |
|---|---|---|---|---|---|
| 58607900 | SM515T 90S/830 PSU WB BK | (0.43, 0.40) SDCM<3 | 58752600 | SM515T 80S/940 DIA-VLC WB BK HE | (0.38, 0.38) SDCM<3 |
| 58703800 | SM515S 66S/840 DIA-VLC WB BK HE | (0.38, 0.38) SDCM<3 | 58784700 | SM515T 90S/930 DIA-VLC WB BK HE | (0.43, 0.40) SDCM<3 |
| 58713700 | SM515T 66S/930 DIA-VLC WB BK HE | (0.43, 0.40) SDCM<3 | 58644400 | SM515T 90S/840 WIA WB WH HE | (0.38, 0.38) SDCM<3 |
| 58727400 | SM515T 80S/840 DIA-VLC WB BK | (0.38, 0.38) SDCM<3 | 58711300 | SM515T 66S/840 PSU WB WH | (0.38, 0.38) SDCM<3 |

## Product Data

| Order Code | Full Product Name | Product family code | Order Code | Full Product Name | Product family code |
|---|---|---|---|---|---|
| 58607900 | SM515T 90S/830 PSU WB BK | SM515T | 58752600 | SM515T 80S/940 DIA-VLC WB BK HE | SM515T |
| 58703800 | SM515S 66S/840 DIA-VLC WB BK HE | SM515S | 58784700 | SM515T 90S/930 DIA-VLC WB BK HE | SM515T |
| 58713700 | SM515T 66S/930 DIA-VLC WB BK HE | SM515T | 58644400 | SM515T 90S/840 WIA WB WH HE | SM515T |
| 58727400 | SM515T 80S/840 DIA-VLC WB BK | SM515T | 58711300 | SM515T 66S/840 PSU WB WH | SM515T |

## Polar Wide Diagrams
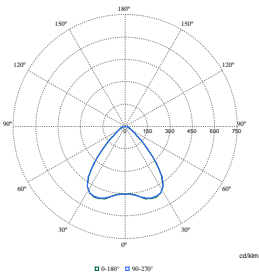


**Polar Normal (separate) – SM515TI – 910505102662**
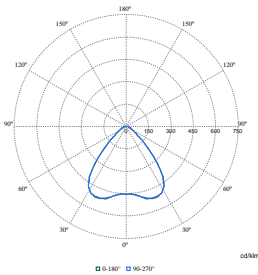


**Polar Normal (separate) – SM515TI – 910505102679**
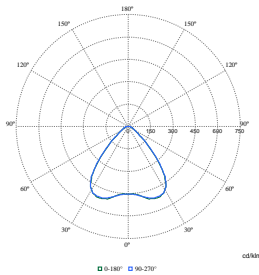


**Polar Normal (separate) – SM515TI – 910505102708**
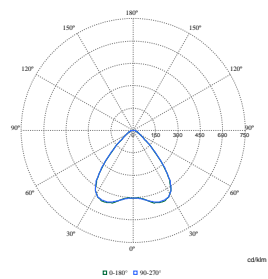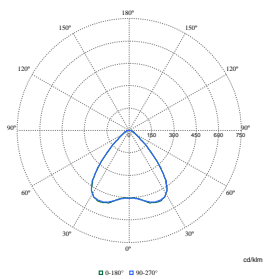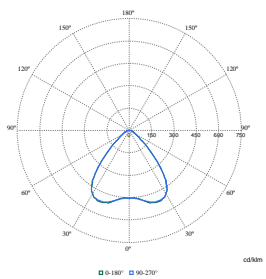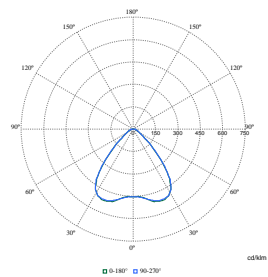
# StoreSet Evo

## Polar Wide Diagrams



**Polar Normal (separate) – SM515TI – 910505102695**
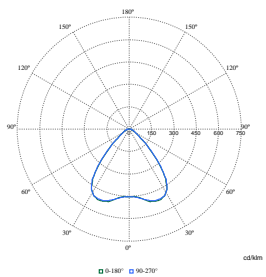


**Polar Normal (separate) – SM515TI – 910505102701**



**Polar Normal (separate) – SM515TI – 910505102711**



**Polar Normal (separate) – SM515TI – 910505102727**



**Polar Normal (separate) – SM515TI – 910505102699**