



Philips 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

Application

- Food and large retailers
- Supermarkets and hypermarkets

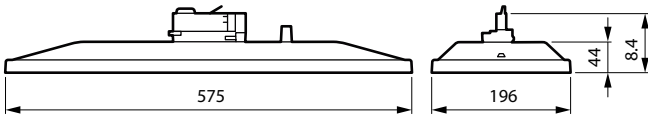
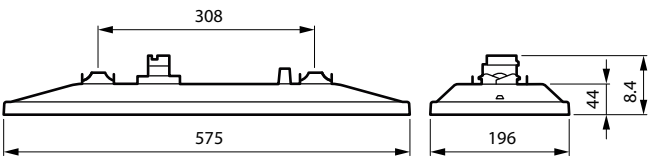
Warnings and Safety

- 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



Dimensional drawing



Product details

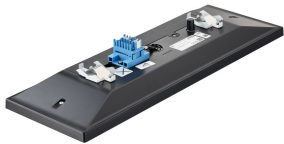


Storeset Evo track-mounted,
SM515T black



Storeset Evo track-mounted,
SM515T black

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

Product details



Storeset Evo track-mounted,
SM515T black



Storeset Evo track-mounted,
SM515T white



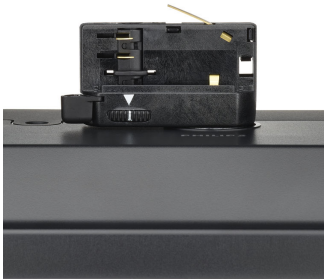
Storeset Evo track-mounted,
SM515T black



Storeset Evo track-mounted,
SM515T white



Storeset Evo track-mounted,
SM515T black



Storeset Evo track-mounted,
SM515T black

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%

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
58607900	SM515T 90S/830 PSU WB BK	Black
58703800	SM515S 66S/840 DIA-VLC WB BK HE	Black
58713700	SM515T 66S/930 DIA-VLC WB BK HE	Black
58727400	SM515T 80S/840 DIA-VLC WB BK	Black

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

Initial Performance (IEC Compliant)

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

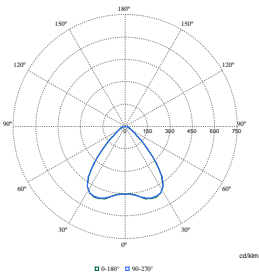
Order Code	Full Product Name	Initial chromaticity
58752600	SM515T 80S/940 DIA-VLC WB BK HE	(0.38, 0.38) SDCM<3
58784700	SM515T 90S/930 DIA-VLC WB BK HE	(0.43, 0.40) SDCM<3
58644400	SM515T 90S/840 WIA WB WH HE	(0.38, 0.38) SDCM<3
58711300	SM515T 66S/840 PSU WB WH	(0.38, 0.38) SDCM<3

Product Data

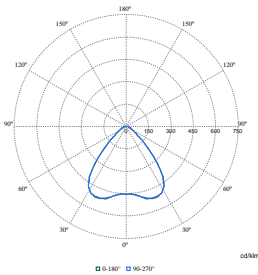
Order Code	Full Product Name	Product family code
58607900	SM515T 90S/830 PSU WB BK	SM515T
58703800	SM515S 66S/840 DIA-VLC WB BK HE	SM515S
58713700	SM515T 66S/930 DIA-VLC WB BK HE	SM515T
58727400	SM515T 80S/840 DIA-VLC WB BK	SM515T

Order Code	Full Product Name	Product family code
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58644400	SM515T 90S/840 WIA WB WH HE	SM515T
58711300	SM515T 66S/840 PSU WB WH	SM515T

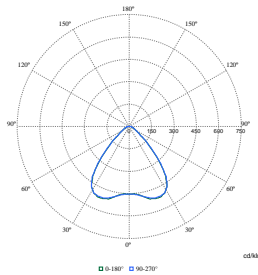
Polar Wide Diagrams



Polar Normal (separate) - SM515T - 910505102662

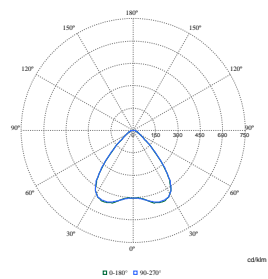


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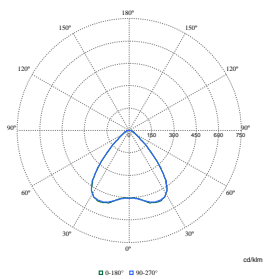


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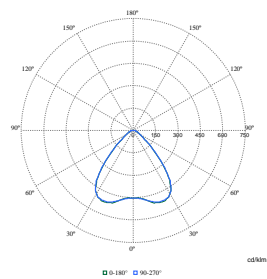
Polar Wide Diagrams



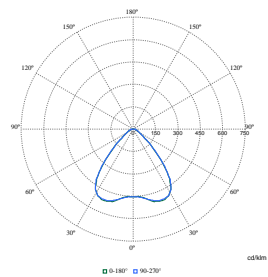
Polar Normal (separate) - SM515TI - 910505102695



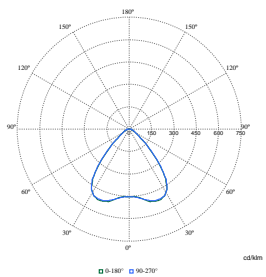
Polar Normal (separate) - SM515TI - 910505102701



Polar Normal (separate) - SM515TI - 910505102711



Polar Normal (separate) - SM515TI - 910505102727



Polar Normal (separate) - SM515TI - 910505102699

