



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

## StoreSet Evo

StoreSet Evo combines 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: 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: 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 store 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.

## Specifications

<b>Type</b>	SM515T: StoreSet Evo track mounted
	SM515S: StoreSet Evo trunking mounted
	RC516B: StoreSet Evo recessed mounted, 600mm module
	RC517B: StoreSet Evo recessed mounted, 625mm module
<b>Mounting type</b>	mounting: Track / Trunking / Recessed mounted
<b>Ceiling type</b>	RC516B, RC517B: exposed T-bar ceilings
<b>Ceiling grid</b>	RC516B: module size in length: 600mm
	RC517B: module size in length: 625mm
<b>Operating Temperature range</b>	+10 to +40 °C
<b>Light Source</b>	LED module
<b>Mains Voltage</b>	230-240V / 50-60Hz
<b>Mains connection</b>	SM515T: direct via 3C track adaptor
	SM515S: via WAGO connector
	RC516B, RC517B: via GST18/3 M Wieland connector
<b>Connector</b>	SM515T: 3C track adaptor for 3-phase tracks
	SM515S: WAGO connector for trunkings
	RC516B, RC517B: Wieland 3 for mains, BST14 for DALI signal
<b>Dimming</b>	PSU: non-dimmable
	DIA-VLC: Dimmable via Dali, compatible with Interact Retail, Visible Light Communication enabled
	WIA: Wireless control, compatible with Interact Retail
<b>Suitable for randomg switching</b>	Yes
<b>Material</b>	SM515T, SM515S, RC516B and RC517B: ABS
<b>Main color of the luminaire</b>	WH (White): RAL 9003
	BK (Black): RAL9004
	SI (Silver grey): RAL9006
<b>Lumen maintenance at median useful life 50.000h</b>	L90
<b>Lumen maintenance at median useful life 100.000h</b>	L80
<b>Control gear failure rate at median useful life 50.000h</b>	5%
<b>Control gear failure rate at median useful life 100.000h</b>	10%
<b>Flicker / Pst / SVM</b>	<4% / 1 / 1.6

<b>Luminous flux</b>	66S: 6600lm system flux
	80S: 8000lm system flux
	90S: 9000lm system flux
<b>Luminaire efficacy</b>	66S/830: 134 lm/W
	66S/830 HE: 153 lm/W
	66S/830 XA: 153 lm/W
	66S/840: 143 lm/W
	66S/840 HE: 163 lm/W
	66S/840 XA: 180 lm/W
	80S/830: 126 lm/W
	80S/830 HE: 153 lm/W
	80S/830 XA: 166 lm/W
	80S/840: 139 lm/W
	80S/840 HE: 160 lm/W
	80S/840 XA: 177 lm/W
	90S/830: 124 lm/W
	90S/830 HE: 150 lm/W
	90S/830 XA: 163 lm/W
	90S/840: 137 lm/W
	90S/840 HE: 160 lm/W
	90S/840 XA: 173 lm/W
<b>Correlated color temperature - CCT</b>	830, 930, PW930: 3000K
	PW935: 3500K
	840, 940: 4000K
<b>Color Rendering index - CRI</b>	830, 840: >80930, 940, PW930, PW935: >90
<b>Risk Group</b>	RG1
<b>Beam angle</b>	WB: Wide beam
	MB: Medium beam
	DA25N: Double asymmetric optic 25° narrow beam
	DA25W: Double asymmetric optic 25° wide beam
	DA35W: Double asymmetric optic 35° wide beam
	DA45W: Double asymmetric optic 45° wide beam
	A20: Asymmetric 20° beam
<b>Optical cover/lens material</b>	Polycarbonate
<b>Protection Class IEC61140</b>	Safety class I
<b>Mechanical impact protection</b>	IK02
<b>Ingress protection</b>	IP20

StoreSet Evo

Light source replaceable	No
Driver replaceable	Yes
Overall height	84mm
Overall length	575mm
Overall width	196mm
UGR	22

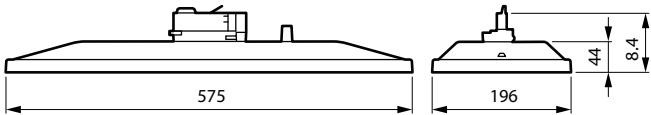
Installation	SM515T: on 3-circuit tracks
	SM515S: on Maxos fusion trunks
	RC516B: exposed T-bar ceilings with 600mm modules
	RC517B: exposed T-bar ceilings with 625mm modules
Warranty	5 years
Sustainability rating	Lighting for circularity

Versions



Storeset Evo track-mounted,  
SM515T black

Dimensional drawing



Product details



Storeset Evo track-mounted,  
SM515T black



Storeset Evo track-mounted,  
SM515T black



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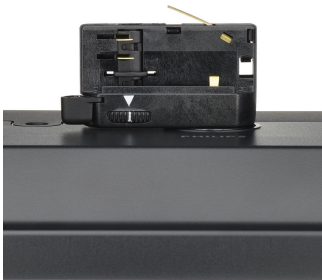
Storeset Evo track-mounted,  
SM515T black

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SM515T black

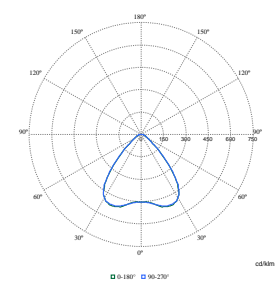


Storeset Evo track-mounted,  
SM515T black

Storeset Evo track-mounted,  
SM515T black



Polar Wide Diagrams



Polar Normal (separate) - SM515TI -  
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