



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

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

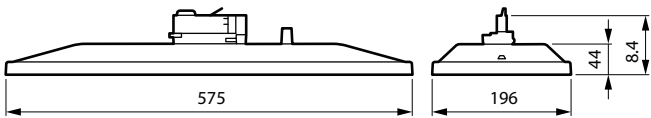
Luminous flux	66S: 6600lm system flux
	80S: 8000lm system flux
	90S: 9000lm system flux
Luminaire efficacy	66S/830: 134 lm/W
	66S/830 HE: 153 lm/W
	66S/830 XA: 153 lm/W
	66S/840: 143 lm/W
	66S/840 HE: 163 lm/W
	66S/840 XA: 180 lm/W
	80S/830: 126 lm/W
	80S/830 HE: 153 lm/W
	80S/830 XA: 166 lm/W
	80S/840: 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
Correlated color temperature - CCT	830, 930, PW930: 3000K
	PW935: 3500K
	840, 940: 4000K
Color Rendering index - CRI	830, 840: >80930, 940, PW930, PW935: >90
Risk Group	RG1
Beam angle	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
Optical cover/lens material	Polycarbonate
Protection Class IEC61140	Safety class I
Mechanical impact protection	IK02
Ingress protection	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

Dimensional drawing



Product details



Storeset Evo track-mounted, SM515T black



Storeset Evo track-mounted, SM515T black



Storeset Evo track-mounted, SM515T black



Storeset Evo track-mounted, SM515T black



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Product details



Storeset Evo track-mounted,
SM515T black



Storeset Evo track-mounted,
SM515T black



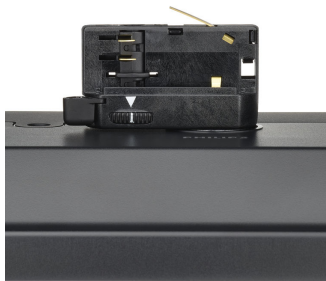
Storeset Evo track-mounted,
SM515T black



Storeset Evo track-mounted,
SM515T black



Storeset Evo track-mounted,
SM515T black



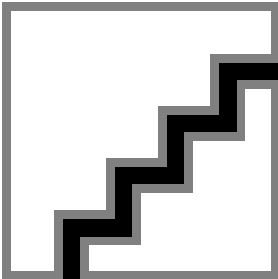
Storeset Evo track-mounted,
SM515T black

General Information	
Driver included	Yes
Number of gear units	1 unit
Service tag	Yes
Light Technical	
Beam angle of light source	120 degree(s)
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	>80
Luminous Efficacy (rated) (Nom)	137 lm/W
Luminous Flux	9,200 lm
Operating and Electrical	
Protection class IEC	Safety class I
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Power Consumption	67 W
Suitable for random switching	Yes
Controls and Dimming	
Dimmable	No
Maximum dim level	Not applicable
Mechanical and Housing	
Housing Color	Black
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) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Initial Performance (IEC Compliant)	
Initial chromaticity	(0.38, 0.38) SDCM<3
Luminous flux tolerance	+/-10%
Product Data	
Product family code	SM515T

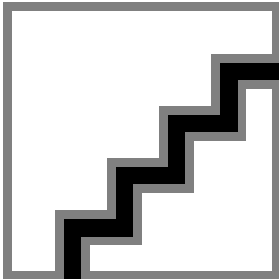
Light Technical

Order Code	Full Product Name	Optic type
910505102719	SM515T 90S/840 PSU A20 BK	Asymmetrical mirror axis angle 20°
910505102721	SM515T 90S/840 PSU DA25N BK	Double asymmetric optic 25° narrow beam
910505102725	SM515T 90S/840 PSU WB BK	Wide beam

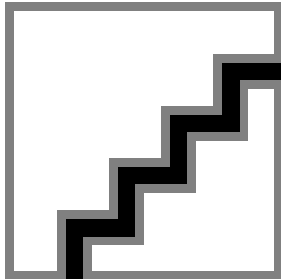
Polar Wide Diagrams



Polar Normal (separate) - SM515TI - 910505102725



Polar Normal (separate) - SM515TI - 910505102721



Polar Normal (separate) - SM515TI - 910505102719

