



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

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.

Specifications

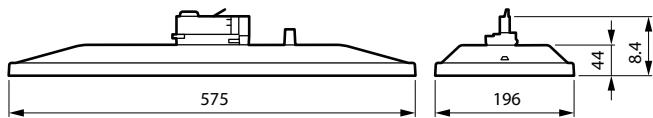
Type	SM515T: StoreSet Evo track mounted SM515S: StoreSet Evo trunking mounted RC516B: StoreSet Evo recessed mounted, 600mm module RC517B: StoreSet Evo recessed mounted, 625mm module	Luminous flux	66S: 6600lm system flux 80S: 8000lm system flux 90S: 9000lm system flux
Mounting type	mounting: Track / Trunking / Recessed mounted	Luminaire efficacy	66S/830: 134 lm/W 66S/830 HE: 153 lm/W 66S/830 XA: 153 lm/W
Ceiling type	RC516B, RC517B: exposed T-bar ceilings		66S/840: 143 lm/W 66S/840 HE: 163 lm/W 66S/840 XA: 180 lm/W
Ceiling grid	RC516B: module size in length: 600mm RC517B: module size in length: 625mm		80S/830: 126 lm/W 80S/830 HE: 153 lm/W 80S/830 XA: 166 lm/W
Operating Temperature range	+10 to +40 °C		80S/840: 139 lm/W 80S/840 HE: 160 lm/W 80S/840 XA: 177 lm/W
Light Source	LED module		90S/830: 124 lm/W 90S/830 HE: 150 lm/W 90S/830 XA: 163 lm/W
Mains Voltage	230-240V / 50-60Hz		90S/840: 137 lm/W 90S/840 HE: 160 lm/W 90S/840 XA: 173 lm/W
Mains connection	SM515T: direct via 3C track adaptor SM515S: via WAGO connector RC516B, RC517B: via GST18/3 M Wieland connector	Correlated color temperature - CCT	830, 930, PW930: 3000K PW935: 3500K 840, 940: 4000K
Connector	SM515T: 3C track adaptor for 3-phase tracks SM515S: WAGO connector for trunkings RC516B, RC517B: Wieland 3 for mains, BST14 for DALI signal	Color Rendering index - CRI	830, 840: >80 930, 940, PW930, PW935: >90
Dimming	PSU: non-dimmable DIA-VLC: Dimmable via Dali, compatible with Interact Retail, Visible Light Communication enabled WIA: Wireless control, compatible with Interact Retail	Risk Group	RG1
Suitable for random switching	Yes	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
Material	SM515T, SM515S, RC516B and RC517B: ABS	Optical cover/lens material	Polycarbonate
Main color of the luminaire	WH (White): RAL 9003 BK (Black): RAL9004 SI (Silver grey): RAL9006	Protection Class	Safety class I
Lumen maintenance at median useful life	L90 50.000h	IEC61140	
Lumen maintenance at median useful life	L80 100.000h	Mechanical impact protection	IK02
Control gear failure rate at median useful life	5% 50.000h	Ingress protection	IP20
Control gear failure rate at median useful life	10% 100.000h		
Flicker / Pst / SVM	<4% / 1 / 1.6		

StoreSet Evo

Light source	No
replaceable	
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



StoreSet Evo track-mounted,
SM515T black

StoreSet Evo

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

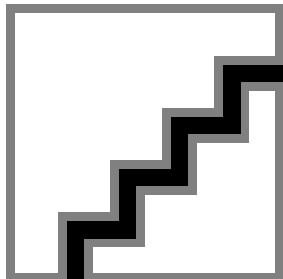
StoreSet Evo

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

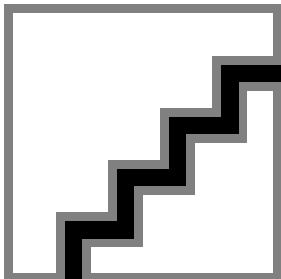
Light Technical

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

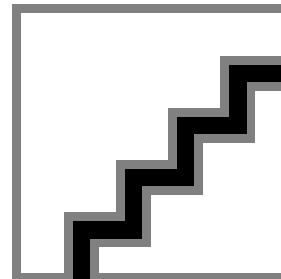
Polar Wide Diagrams



Polar Normal (separate) - SM515TI -
910505102725



Polar Normal (separate) - SM515TI -
910505102721



Polar Normal (separate) - SM515TI -
910505102719

