



# StoreSet Evo

## SM515T 90S/930 DIA-VLC WB BK HE

StoreSet Evo, Xtra (lm/W and lifetime), 65 W, 575x196 mm, 9500 lm, 3000 K, CRI>90, DALI, Interact Ready, Wide beam, Clear, Black, VLC

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.

### 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.

### Product data

General Information		Sustainability rating	Unclassified
Number of gear units	Unit		
Driver included	Yes		
Service Tag	Yes		
Value ladder	Specification		
Serviceability class	Class A, the luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge-protection device, optics, front cover and mechanical parts	Light Technical	
Warranty period	5 years	Luminous Flux	9,500 lm
		Saturated Red (R9)	>50
		Correlated Colour Temperature (Nom)	3000 K
		Luminous efficacy (rated) (nom.)	146 lm/W
		Colour rendering index (CRI)	>90
		Beam angle of light source	120 degree(s)
		Light source colour	830 warm white
		Optic type	Wide beam
		Luminaire light beam spread	85° x 85°

## StoreSet Evo

Unified Glare Rating (CEN)	Not applicable
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### Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	25 A
Inrush time	0.23 ms
Power Consumption	65 W
Power Factor (Fraction)	0.9
Connection	Track
Cable	-
Number of products on MCB (16 A type B)	20
Suitable for random switching	Yes
Protection class IEC	Safety class I
Total harmonic distortion	20 %

### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Dali dimming Interact System-ready visual light communication enabled
Control interface	DALI
Constant light output	No
DALI standard	DALI
Maximum dim level	1%
Connectivity	Interact Ready

### Mechanical and Housing

Housing material	Plastic
Reflector material	Steel
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Polyamide
Housing Colour	Black
Optical cover/lens finish	Clear
Overall length	575 mm
Overall width	196 mm
Overall height	84 mm
Dimensions (height x width x depth)	84 x 196 x 575 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	2.500 kg

### Emergency Operation

Central Emergency	No
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### Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Ambient temperature range	+10 to +40 °C

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM<3
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

### Over Time Performance (IEC Compliant)

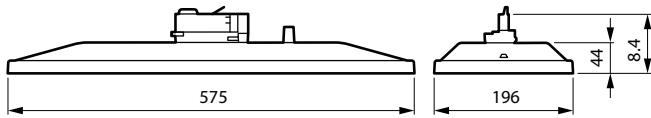
Control gear failure rate at median useful life 50,000 h	5 %
Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

### Product Data

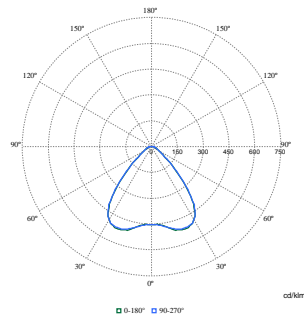
Order product name	SM515T 90S/930 DIA-VLC WB BK HE
Full product name	SM515T 90S/930 DIA-VLC WB BK HE
Full EOC	872016958784700
Order code	910505102727
Material no. (12 NC)	910505102727
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169587847
Numerator – packs per outer box	1
EAN/UPC - Case	8720169587847
Product family code	SM515T [StoreSet Evo Track]

# StoreSet Evo

## Dimensional drawing



## Photometric data



Polar Normal (separate) - SM515TI - 910505102727

