



StoreSet Evo

SM515T 90S/840 PSU WB BK

StoreSet Evo, 67 W, 575x196 mm, 9200 lm, 4000 K, Wide beam, Clear, Black

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.

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	
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Value ladder	Specification
Serviceability class	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection device, optics, front cover and mechanical parts
Warranty period	5 years
Sustainability rating	Unclassified

Light Technical	
Luminous Flux	9,200 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	137 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source color	830 warm white
Optic type	Wide beam
Luminaire light beam spread	85° x 85°
Unified glare rating CEN	Not applicable

StoreSet Evo

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	19 A
Inrush time	0.28 ms
Power Consumption	67 W
Power Factor (Fraction)	0.9
Connection	Track
Cable	-
Number of products on MCB of 16 A type B	24
Suitable for random switching	Yes
Protection class IEC	Safety class I
Total harmonic distortion	20 %

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
Maximum dim level	Not applicable

Mechanical and Housing	
Housing Material	Plastic
Reflector material	Steel
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Polyamide
Housing Color	Black
Optical cover 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

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) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	+10 to +40 °C

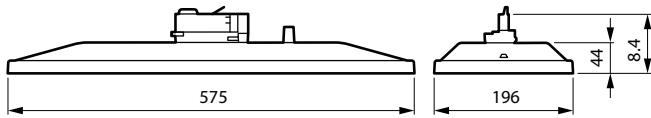
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM<3
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L85
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

Product Data	
Order product name	SM515T 90S/840 PSU WB BK
Full product name	SM515T 90S/840 PSU WB BK
Full product code	872016958780900
Order code	910505102725
Material Nr. (12NC)	910505102725
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169587809
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169587809
Product family code	SM515T [StoreSet Evo Track]

StoreSet Evo

Dimensional drawing



Photometric data



Polar Normal (separate) - SM515TI - 910505102725

