



StoreSet Evo

SM515T 90S/840 PSU DA25N BK

StoreSet Evo, track panel, 67 W, 575x196 mm, 9200 lm, 4000 K, Double asymmetric optic 25° narrow beam, Clear, Black

track panel, 575x196 mm, Plastic, Black, Power supply unit (On/Off), 9200 lm, 67 W, 137 lm/W, 4000 K, (0.38, 0.38) SDCM<3, Double asymmetric optic 25° narrow beam, Clear, Polycarbonate, IP20 | Finger-protected, IK02 | 0.2 J standard, Safety class I, Track

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		Optic type	
Number of gear units	1 unit	Optic type	Double asymmetric optic 25° narrow beam
Driver included	Yes	Luminaire light beam spread	72° x 90°
Service tag	Yes	Unified glare rating CEN	Not applicable
Value ladder	Specification	Operating and Electrical	
Warranty period	5 years	Input Voltage	220 to 240 V
Light Technical		Line Frequency	50 to 60 Hz
Luminous Flux	9,200 lm	Initial CLO power consumption	- W
Saturated Red (R9)	<50	Average CLO power consumption	- W
Correlated Color Temperature (Nom)	4000 K	Inrush current	19 A
Luminous Efficacy (rated) (Nom)	137 lm/W	Inrush time	0.28 ms
Color rendering index (CRI)	>80	Power Consumption	67 W
Beam angle of light source	120 degree(s)	Power Factor (Fraction)	0.9
Light source color	830 warm white	Connection	Track

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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
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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) - 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
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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

Sustainability Data

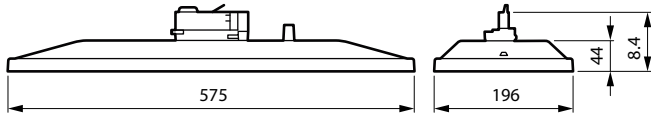
Sustainability rating	Unclassified
Repair class	Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time.
Embedded carbon (A1-A3)	26.2 kg CO ₂ e
Product non-virgin material ratio	20 %
Recyclable content ratio of the finished product	45.6 %
GWP total B6 (kg CO ₂ eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO ₂ eq / kWh)
GWP total B6 (kg CO ₂ eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) /lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO ₂ eq / kWh)
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

Product Data

Order product name	SM515T 90S/840 PSU DA25N BK
Full product name	SM515T 90S/840 PSU DA25N BK
Full product code	872016958772400
Order code	58772400
Material Nr. (12NC)	910505102721
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169587724
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169587724
Product family code	SM515T [StoreSet Evo Track]

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Dimensional drawing



Photometric data



Polar Normal (separate) - SM515TI - 910505102721

