



StoreSet Linear

SM504T 80S/840 PSU DA45 WH

StoreSet Linear, track panel, 54 W, L1200 mm, 8000 lm, 4000 K, Double asymmetric optic 45°, Clear, White

track panel, L1200 mm, Aluminum extruded, White, Power supply unit (On/Off), 8000 lm, 54 W, 150 lm/W, 4000 K, (0.38, 0.38) SDCM<3, Double asymmetric optic 45°, 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.

Product data

General Information		Operating and Electrical	
Light source replaceable	No	Light source color	840 neutral white
Number of gear units	1 unit	Optic type	Double asymmetric optic 45°
Driver included	Yes	Luminaire light beam spread	110° x 110°
Service tag	Yes	Unified glare rating CEN	Not applicable
Lighting Technology	LED	Input Voltage	220 to 240 V
Value ladder	Specification	Line Frequency	50 to 60 Hz
Warranty period	5 years	Initial CLO power consumption	- W
Light Technical		Average CLO power consumption	- W
Luminous Flux	8,000 lm	Inrush current	20 A
Saturated Red (R9)	<50	Inrush time	0.288 ms
Correlated Color Temperature (Nom)	4000 K	Power Consumption	54 W
Luminous Efficacy (rated) (Nom)	150 lm/W	Power Factor (Fraction)	0.9
Color rendering index (CRI)	>80	Connection	Track
Beam angle of light source	120 degree(s)	Cable	-

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Number of products on MCB of 16 A type B	22
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	Aluminum extruded
Reflector material	Aluminum
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Polyamide
Housing Color	White
Optical cover finish	Clear
Overall length	1,153 mm
Overall width	64 mm
Overall height	74 mm
Dimensions (Height x Width x Depth)	74 x 64 x 1153 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	1.800 kg

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
Ambient temperature range	+10 to +35 °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	10 %
Control gear failure rate at median useful life 100000 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	-

Sustainability Data

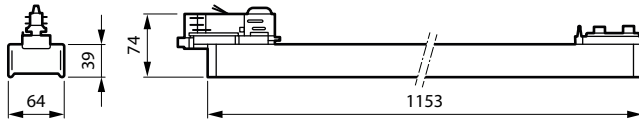
Sustainability rating	Unclassified
Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time.
Embedded carbon (A1-A3)	30.2 kg CO _{2e}
Product non-virgin material ratio	8.36 %
Recyclable content ratio of the finished product	37.6 %
GWP total B6 (kg CO _{2eq}) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO _{2eq} / kWh)
GWP total B6 (kg CO _{2eq}) 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 _{2eq} / kWh)
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

Product Data

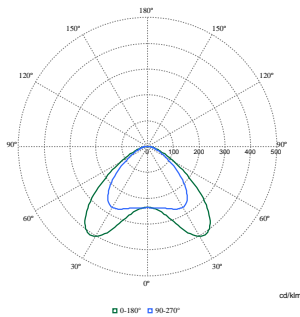
Order product name	SM504T 80S/840 PSU DA45 WH
Full product name	SM504T 80S/840 PSU DA45 WH
Full product code	872016901238700
Order code	910505102219
Material Nr. (12NC)	910505102219
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169012387
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169012387
Product family code	SM504T [STORESET LINEAR]

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Dimensional drawing



Photometric data



Polar Normal (separate) - SM504T1 - 910505102219

