



StoreSet Linear

SM504T 80S/830 WIA A20 WH

StoreSet Linear, track panel, 57 W, L1200 mm, 8000 lm, 3000 K, Wireless, Interact Ready, Asymmetrical mirror axis angle 20°, Clear, White

track panel, L1200 mm, Aluminum extruded, White, Wireless driver Interact System ready, 8000 lm, 57 W, 134 lm/W, 3000 K, (0.43, 0.40) SDCM<3, Asymmetrical mirror axis angle 20°, 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	Beam angle of light source	120 degree(s)
Number of gear units	1 unit	Light source color	830 warm white
Driver included	Yes	Optic type	Asymmetrical mirror axis angle 20°
Service tag	Yes	Luminaire light beam spread	50° x 78°
Lighting Technology	LED	Unified glare rating CEN	Not applicable
Value ladder	Specification	Input Voltage	220 to 240 V
Warranty period	5 years	Line Frequency	50 to 60 Hz
Light Technical		Initial CLO power consumption	- W
Luminous Flux	8,000 lm	Average CLO power consumption	- W
Saturated Red (R9)	<50	Inrush current	19 A
Correlated Color Temperature (Nom)	3000 K	Inrush time	0.23 ms
Luminous Efficacy (rated) (Nom)	134 lm/W	Power Consumption	57 W
Color rendering index (CRI)	>80	Power Factor (Fraction)	0.9

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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	Yes
Driver/power unit/transformer	Wireless driver Interact System ready
Control interface	Wireless
Constant light output	No
Maximum dim level	1%
Connectivity	Interact Ready

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	(0.43, 0.40) 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	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

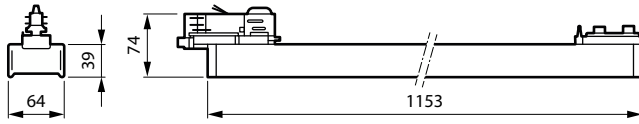
Sustainability rating	Unclassified
Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time.
Embedded carbon (A1-A3)	30.2 kg CO ₂ e
Product non-virgin material ratio	8.36 %
Recyclable content ratio of the finished product	37.6 %
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)

Product Data

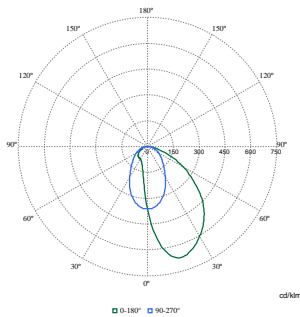
Order product name	SM504T 80S/830 WIA A20 WH
Full product name	SM504T 80S/830 WIA A20 WH
Full product code	872016901417600
Order code	910505102397
Material Nr. (12NC)	910505102397
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169014176
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169014176
Product family code	SM504T [STORESET LINEAR]

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Dimensional drawing



Photometric data



Polar Normal (separate) - SM504TI - 910505102397

