PHILIPS

Lighting



StoreSet

SM505T LED80S/830 PSD-VLC DA25N SI

StoreSet track - 830 warm white - Power supply unit with DALI interface - Double asymmetric optic narrow beam - Silver

Today's retail stores are all about creating experiences in order to attract and retain visitors. StoreSet adds atmosphere to your store by introducing contrast and breaking up the traditional continuous light-lines. A variety of beam shapes, combined with excellent light quality, ensures the merchandise stands out, whilst at the same time enabling you to create your chosen ambience. StoreSet is lightweight and can be easily connected to power tracks. Installation is straightforward, and if your needs change, you can simply adapt the lighting by repositioning the fixtures along the track. This makes StoreSet a truly flexible tool for setting store ambiance.

Product data

General Information	
Beam angle of light source	120 °
Light source colour	830 warm white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]
Driver included	Yes
Optic type	Double asymmetric optic narrow beam
Luminaire light beam spread	25°
Control interface	DALI
Connection	Push-in connector and pull relief
Cable	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 5 s

Flammability mark	F [For mounting on normally flammable surfaces]
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore the median useful life (B50) value also represents the B10 value.
Constant light output	No
Number of products on MCB	24
RoHS mark	RoHS mark
Product Family Code	SM505T [StoreSet track]

StoreSet

Unified glare rating CEN	Not applicable

Operating and Electrical

Input voltage	220 to 240 V
Input frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.280 ms
Power factor (min.)	0.9

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Housing material	Plastic
Reflector material	Polycarbonate aluminium coated
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Polyamide
Optical cover/lens finish	Clear
Overall length	613 mm
Overall width	184 mm
Overall height	75 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux	8000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	127 lm/W
Init. Corr. colour temperature	3000 K
Init. colour rendering index	80
Initial chromaticity	(0.43, 0.40) SDCM<3
Initial input power	63 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L80

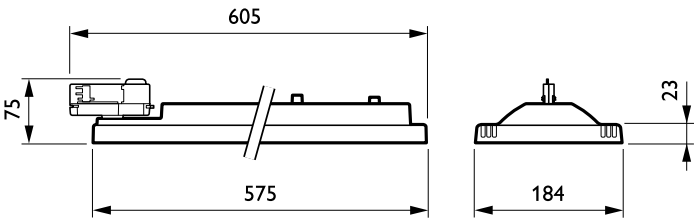
Application Conditions

Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	1%
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Product Data

Full product code	871869917225100
Order product name	SM505T LED80S/830 PSD-VLC DA25N SI
EAN/UPC – product	8718699172251
Order code	17225100
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910500459750
Net weight (piece)	2.200 kg

Dimensional drawing



StoreSet track SM505T



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2019, February 11 - data subject to change