



## StoreSet

### SM505S LED90S/830 PSD-CLO-VLC DA25W BK

StoreSet trunking - 830 warm white - Power supply unit with DALI interface and constant light output - Double asymmetric optic wide beam - Black

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.

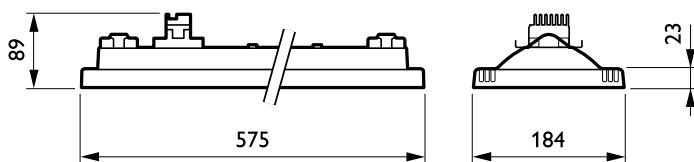
#### Product data

General Information	Glow-wire test
Beam angle of light source	120 °
Light source color	830 warm white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit with DALI interface and constant light output
Driver included	Yes
Optic type	Double asymmetric optic wide 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
	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
	Yes

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Number of products on MCB of 16 A type	18	Luminous flux tolerance	+/-10%																																																																																
B		Initial LED luminaire efficacy	122 lm/W																																																																																
RoHS mark	RoHS mark	Init. Corr. Color Temperature	3000 K																																																																																
Product family code	SM505S [ StoreSet trunking]	Init. Color Rendering Index	80																																																																																
Unified glare rating CEN	Not applicable	Initial chromaticity	(0.43, 0.40) SDCM<3																																																																																
<b>Operating and Electrical</b>		Initial input power	74 W																																																																																
Input Voltage	220 to 240 V	Power consumption tolerance	+/-10%																																																																																
Input Frequency	50 to 60 Hz																																																																																		
Initial CLO power consumption	59 W	<b>Over Time Performance (IEC Compliant)</b>																																																																																	
Average CLO power consumption	66.4 W	End CLO power consumption	73.8 W	Control gear failure rate at median useful life	5 %	Inrush current	4.5 A	life 50000 h		Inrush time	0.100 ms	Lumen maintenance at median useful life*	50000 h	Power Factor (Min)	0.9	life* 50000 h		<b>Controls and Dimming</b>		<b>Application Conditions</b>		Dimmable	Yes	Ambient temperature range	+10 to +40 °C	<b>Mechanical and Housing</b>		Performance ambient temperature Tq	25 °C	Housing Material	Plastic	Maximum dim level	1%	Reflector material	Polycarbonate aluminum coated	Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)	Optic material	Polycarbonate	<b>Product Data</b>		Optical cover/lens material	Polycarbonate	Fixation material	Steel	Full product code	871869917247300	Optical cover/lens finish	Clear	Order product name	SM505S LED90S/830 PSD-CLO-VLC DA25W BK	Overall length	575 mm	EAN/UPC - Product	8718699172473	Overall width	184 mm	Order code	910500459772	Overall height	89 mm	Numerator - Quantity Per Pack	1	<b>Approval and Application</b>		Numerator - Packs per outer box	1	Ingress protection code	IP20 [ Finger-protected]	Material Nr. (12NC)	910500459772	Mech. impact protection code	IK02 [ 0.2 J standard]	Net Weight (Piece)	2.200 kg	<b>Initial Performance (IEC Compliant)</b>				Initial luminous flux (system flux)	9000 lm		
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## Dimensional drawing



StoreSet trunking SM505S



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2019, February 11 - data subject to change