



## StoreSet

### SM505S LED90S/830 PSD-CLO-VLC DA35W BK

StoreSet trunking - 830 warm white - Power supply unit with DALI interface and constant light output - Double asymmetric optic 35° 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.

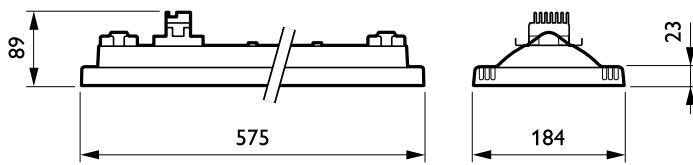
#### Product data

General Information		Glow-wire test	Temperature 650 °C, duration 5 s
Beam angle of light source	120 °	Flammability mark	For mounting on normally flammable surfaces
Light source color	830 warm white	CE mark	CE mark
Light source replaceable	No	ENEC mark	ENEC mark
Number of gear units	1 unit	Warranty period	5 years
Driver/power unit/transformer	Power supply unit with DALI interface and constant light output	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.
Driver included	Yes	Constant light output	Yes
Optic type	Double asymmetric optic 35° wide beam		
Luminaire light beam spread	35° x 55°		
Control interface	DALI		
Connection	Push-in connector and pull relief		
Cable	-		
Protection class IEC	Safety class I		

# StoreSet

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		
Average CLO power consumption	66.4 W		
End CLO power consumption	73.8 W		
Inrush current	4.5 A		
Inrush time	0.100 ms		
Power Factor (Min)	0.9		
<b>Controls and Dimming</b>			
Dimmable	Yes		
<b>Mechanical and Housing</b>			
Housing Material	Plastic	Ambient temperature range	+10 to +40 °C
Reflector material	Polycarbonate aluminum coated	Performance ambient temperature Tq	25 °C
Optic material	Polycarbonate	Maximum dim level	1%
Optical cover/lens material	Polycarbonate	Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)
Fixation material	Steel		
Optical cover/lens finish	Clear		
Overall length	575 mm		
Overall width	184 mm		
Overall height	89 mm		
<b>Approval and Application</b>			
Ingress protection code	IP20 [ Finger-protected]	Product Data	
Mech. impact protection code	IK02 [ 0.2 J standard]	Full product code	871869917248000
<b>Initial Performance (IEC Compliant)</b>		Order product name	SM505S LED90S/830 PSD-CLO-VLC DA35W BK
Initial luminous flux (system flux)	9000 lm	EAN/UPC - Product	8718699172480
		Order code	910500459773
		Numerator - Quantity Per Pack	1
		Numerator - Packs per outer box	1
		Material Nr. (12NC)	910500459773
		Net Weight (Piece)	2.200 kg

## Dimensional drawing



## StoreSet trunking SM505S



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2019, February 11 - data subject to change