

**PHILIPS****Lighting**

## StoreSet

### SM505S LED90S/840 PSD-VLC WB WH

StoreSet trunking - 840 neutral white - Power supply unit with DALI interface - Wide beam - White

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 ambience.

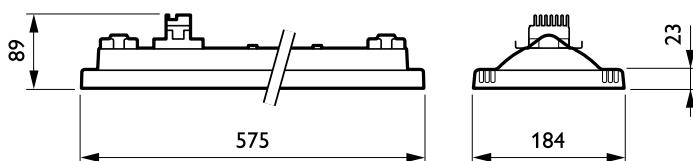
#### Product data

General Information	
Beam angle of light source	120 °
Light source colour	840 neutral 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	WB [ Wide beam]
Luminaire light beam spread	40°
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	<p>*-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.</p>
Constant light output	No
Number of products on MCB	18
RoHS mark	RoHS mark
Product Family Code	SM505S [ StoreSet trunking]

Unified glare rating CEN	Not applicable	Init. Corr. colour temperature	4000 K
<b>Operating and Electrical</b>		Init. colour rendering index	80
Input voltage	220 to 240 V	Initial chromaticity	(0.38, 0.38) SDCM<3
Input frequency	50 to 60 Hz	Initial input power	67 W
Inrush current	4.5 A	Power consumption tolerance	+/-10%
Inrush time	0.100 ms		
Power factor (min.)	0.9		
<b>Controls and Dimming</b>		<b>Over Time Performance (IEC Compliant)</b>	
Dimmable	Yes	Control gear failure rate at median useful	5 %
		life 50000 h	
		Lumen maintenance at median useful	L80
		life* 50000 h	
<b>Mechanical and Housing</b>		<b>Application Conditions</b>	
Housing material	Plastic	Ambient temperature range	+10 to +40 °C
Reflector material	Polycarbonate aluminium coated	Performance ambient temperature Tq	25 °C
Optic material	Polycarbonate	Maximum dimming 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>		<b>Product Data</b>	
Ingress protection code	IP20 [ Finger-protected]	Full product code	871869917251000
Mech. impact protection code	IK02 [ 0.2 J standard]	Order product name	SM505S LED90S/840 PSD-VLC WB WH
		EAN/UPC – product	8718699172510
		Order code	17251000
		Numerator – quantity per pack	1
		Numerator – packs per outer box	1
		Material no. (12NC)	910500459776
		Net weight (piece)	2.200 kg
<b>Initial Performance (IEC Compliant)</b>			
Initial luminous flux	9000 lm		
Luminous flux tolerance	+/-10%		
Initial LED luminaire efficacy	134 lm/W		

## Dimensional drawing



StoreSet trunking SM505S



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2019, February 11 - data subject to change