



# 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 °	Flammability mark	F [ For mounting on normally flammable surfaces]
Light source colour	840 neutral 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	PSD [ Power supply unit with DALI interface]	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	No
Optic type	WB [ Wide beam]	Number of products on MCB	18
Luminaire light beam spread	40°	RoHS mark	RoHS mark
Control interface	DALI	Product Family Code	SM505S [ StoreSet trunking]
Connection	Push-in connector and pull relief		
Cable	-		
Protection class IEC	Safety class I		
Glow-wire test	Temperature 650 °C, duration 5 s		

Unified glare rating CEN	Not applicable
--------------------------	----------------

#### Operating and Electrical

Input voltage	220 to 240 V
Input frequency	50 to 60 Hz
Inrush current	4.5 A
Inrush time	0.100 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	Steel
Optical cover/lens finish	Clear
Overall length	575 mm
Overall width	184 mm
Overall height	89 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	9000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	134 lm/W

Init. Corr. colour temperature	4000 K
Init. colour rendering index	80
Initial chromaticity	(0.38, 0.38) SDCM<3
Initial input power	67 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

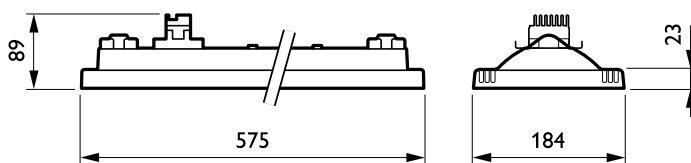
#### Application Conditions

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	871869917251000
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

#### Dimensional drawing



#### StoreSet trunking SM505S

