

StoreSet

SM505S LED90S/830 PSD-VLC MB BK

StoreSet trunking, 830 warm white, Power supply unit with DALI interface, Medium beam, Black

Today's retail destinations are all about creating experiences that attract and retain customers. StoreSet adds atmosphere to your store by introducing contrast and breaking up the traditional continuous lines of light. A variety of beam shapes, combined with excellent light quality, ensures your merchandise has great stand out, at the same time as enabling you to create a variety of different ambiences. Each StoreSet panel is lightweight and can be easily connected to power tracks or a Maxos fusion backbone. Installation is straightforward, and if your needs change, you can simply adapt the lighting by repositioning the panels and luminaires along the track or trunk. This makes StoreSet a truly flexible, non-linear tool for creating store ambiences that sell.

Warnings and Safety

• The canopy and optical surfaces must only ever be cleaned with a lint-free cloth and without detergents.

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
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.

Service tag	Yes
Product family code	SM505S [StoreSet trunking]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s

StoreSet

EU RoHS compliant	Yes

Light Technical

Luminous Flux	9,000 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	122 lm/W
Color rendering index (CRI)	80
Beam angle of light source	120 degree(s)
Light source color	830 warm white
Optic type	Medium beam
Luminaire light beam spread	38°
Unified glare rating CEN	Not applicable

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	4.5 A
Inrush time	0.100 ms
Power Consumption	74 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	18

Temperature

Ambient temperature range	+10 to +40 °C

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

Mechanical and Housing

Housing Material	Plastic
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	Black
Optical cover finish	Clear
Overall length	575 mm
Overall width	184 mm
Overall height	89 mm
Dimensions (Height x Width x Depth)	89 x 184 x 575 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM<3
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

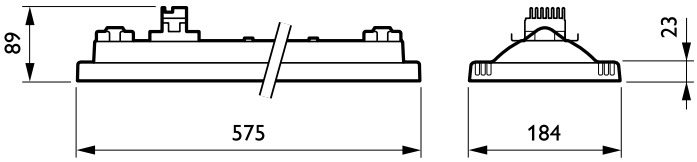
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

Product Data

Order product name	SM505S LED90S/830 PSD-VLC MB BK
Full product name	SM505S LED90S/830 PSD-VLC MB BK
Full product code	871869917249700
Order code	910500459774
Material Nr. (12NC)	910500459774
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699172497
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699172497

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Dimensional drawing



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