StoreSet

SM505S LED90S/840 PSD-VLC MB WH

StoreSet trunking, 840 neutral white, Power supply unit with DALI interface, Medium beam, White

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	Service tag	Yes
Number of gear units	1 unit	Product family code	SM505S [StoreSet trunking]
Driver included	Yes	Lighting Technology	LED
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.	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

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EU RoHS compliant	Yes		**Housing Color**	White
			Optical cover finish	Clear
Light Technical			**Overall length**	575 mm
Luminous Flux	9,000 lm		**Overall width**	184 mm
Correlated Color Temperature (Nom)	4000 K		**Overall height**	89 mm
Luminous Efficacy (rated) (Nom)	134 lm/W		**Dimensions (Height x Width x Depth)**	89 x 184 x 575 mm
Color rendering index (CRI)	80			
Beam angle of light source	120 degree(s)		**Approval and Application**	
Light source color	840 neutral white		**Ingress protection code**	IP20 [Finger-protected]
Optic type	Medium beam		**Mech. impact protection code**	IK02 [0.2 J standard]
Luminaire light beam spread	38°		**Protection class IEC**	Safety class I
Unified glare rating CEN	Not applicable			
			Initial Performance (IEC Compliant)	
Operating and Electrical			**Luminous flux tolerance**	+/-10%
Input Voltage	220 to 240 V		**Initial chromaticity**	(0.38, 0.38) SDCM<3
Line Frequency	50 to 60 Hz		**Power consumption tolerance**	+/-10%
Inrush current	4.5 A			
Inrush time	0.100 ms		**Over Time Performance (IEC Compliant)**	
Power Consumption	67 W		**Control gear failure rate at median useful life 50000 h**	5 %
Power Factor (Fraction)	0.9			
Connection	Push-in connector and pull relief		**Lumen maintenance at median useful life* 50000 h**	L80
Cable	–			
Number of products on MCB of 16 A type B	18		**Application Conditions**	
			Performance ambient temperature Tq	25 °C
Temperature			**Maximum dim level**	1%
Ambient temperature range	+10 to +40 °C		**Suitable for random switching**	Yes
Controls and Dimming			**Product Data**	
Dimmable	Yes		**Order product name**	SM505S LED90S/840 PSD-VLC MB WH
Driver/power unit/transformer	Power supply unit with DALI interface		**Full product name**	SM505S LED90S/840 PSD-VLC MB WH
Control interface	DALI		**Full product code**	871869917250300
Constant light output	No		**Order code**	910500459775
			Material Nr. (12NC)	910500459775
Mechanical and Housing			**Numerator – Quantity Per Pack**	1
Housing Material	Plastic		**EAN/UPC – Product/Case**	8718699172503
Reflector material	Polycarbonate aluminum coated		**Numerator – Packs per outer box**	1
Optic material	Polycarbonate		**EAN/UPC – Case**	8718699172503
Optical cover material	Polycarbonate			
Fixation material	Steel			

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Dimensional drawing

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2023, October 9 – data subject to change