



StoreSet

SM505T LED90S/830 PSD-VLC MB BK

StoreSet track, 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 that your merchandise stands 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			useful life (B50) value also represents the
Light source replaceable	No		B10 value.
Number of gear units	Unit	Product family code	SM505T [StoreSet track]
Driver included	Yes	Lighting Technology	LED
Remarks	*- According to the Lighting Europe guidance	Value ladder	Specification
	paper 'Evaluating performance of LED based	CE mark	Yes
	luminaires – January 2018': statistically there	Warranty period	5 years
	is no relevant difference in lumen	Flammability mark	For mounting on normally flammable
	maintenance between the B50 and, for		surfaces
	example, the B10. Therefore, the median	ENEC mark	ENEC mark
		Glow-wire test	Temperature 650 °C, duration 5 s

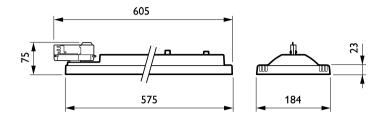
StoreSet

ELL Do LLS compliant	Yes		
EU RoHS compliant	163		
Light Technical			
Luminous Flux	9,000 lm		
Correlated Colour Temperature	3000 K		
Luminous efficacy (rated) (nom.)	122 lm/W		
Colour rendering index (CRI)	80		
Beam angle of light source	120 degree(s)		
Light source colour	830 warm white		
Optic type	Medium beam		
Luminaire light beam spread	38°		
Unified Glare Rating (CEN)	Not applicable		
	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	18		
В			
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	Aluminium and polycarbonate		
Optic material	Polycarbonate		
Optical cover/lens material	Polycarbonate		
Fixation material	Polyamide		

Housing Colour	Black	
Optical cover/lens finish	Clear	
Overall length	613 mm	
Overall width	184 mm	
Overall height	75 mm	
Dimensions (height x width x depth)	75 x 184 x 613 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 Comp	liant)	
Control gear failure rate at median usefu		
life 50,000 h		
Lumen maintenance at median useful	L80	
life* 50,000 h		
Application Conditions		
Performance ambient temperature Tq	25 ℃	
Maximum dim level	1%	
Suitable for random switching	Yes	
Product Data		
Order product name	SM505T LED90S/830 PSD-VLC MB BK	
Full product name	SM505T LED90S/830 PSD-VLC MB BK	
Full EOC	871869917240400	
Order code	17240400	
Material no. (12 NC)	910500459765	
SAP numerator – quantity per pack	1	
EAN/UPC - Product/Case	8718699172404	
Numerator – packs per outer box	1	
EAN/UPC - Case	8718699172404	
LAN OFC - Case	0/100331/2404	

StoreSet

Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, April 29 - data subject to change