



# **StoreSet**

# SM505T LED90S/830 PSU DA25N BK

StoreSet track, 830 warm white, Power supply unit (On/Off), Double asymmetric optic 25° narrow 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	
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Remarks	*- According to the Lighting Europe
	guidance paper 'Evaluating performance of
	LED based luminaires – January 2018':
	statistically there is no relevant difference
	in lumen maintenance between the B50
	and, for example, the B10. Therefore, the

median useful life (B50) value also
represents the B10 value.
SM505T [StoreSet track]
LED
Specification
Yes
5 years
For mounting on normally flammable
surfaces
ENEC mark
Temperature 650 °C, duration 30 s

# StoreSet

EU RoHS compliant	Yes
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	Double asymmetric optic 25° narrow beam
Luminaire light beam spread	72° x 90°
Unified Glare Rating (CEN)	Not applicable
onned otare Nating (CEN)	
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	19 A
Inrush time	0.280 ms
Power Consumption	74 W
Power Factor (Fraction)	0.9
Connection	Track
Cable	-
Number of products on MCB of 16 A type B	24
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
Mechanical and Housing	
Housing material	Plastic
Reflector material	Steel
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Polyamide
	Black
Housing Colour	DIACK

Optical cover/lens finish	Clear
Overall length	605 mm
Overall width	184 mm
Overall height	75 mm
Dimensions (height x width x depth)	75 x 184 x 605 mm
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 1@200mm to
	EN62778

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM<3
Power consumption tolerance	+/-10%

10 %

#### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful

Lumen maintenance at median useful life\* L80 50,000 h

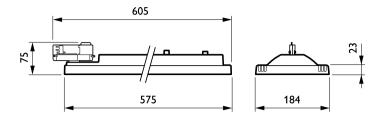
# Application Conditions Performance ambient temperature Tg

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes

Product Data	
Order product name	SM505T LED90S/830 PSU DA25N BK
Full product name	SM505T LED90S/830 PSU DA25N BK
Full EOC	871869917231200
Order code	17231200
Material no. (12 NC)	910500459756
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699172312
Numerator – packs per outer box	1
EAN/UPC - Case	8718699172312
Full EOC Order code Material no. (12 NC) SAP numerator – quantity per pack EAN/UPC – Product/Case Numerator – packs per outer box	871869917231200 17231200 910500459756 1 8718699172312 1

# StoreSet

### Dimensional drawing





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