



SM500T

SM500T LED79S/840 PSU WB GR

SM500, LED Module, system flux 7900 lm, 840 neutral white, Power supply unit (On/Off), Wide beam, Grey

In today's retail market, online sales are growing rapidly and fierce competition is the order of the day. Therefore, retailers want to create experiences that will attract customers to their stores. The SM500T 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. The SM500T is equipped with power-track connectors. These make it easy to install and to replace or upgrade when re-using existing track. And if your needs change, you can simply adapt the lighting by repositioning the fixtures along the track. This makes the SM500T a truly flexible tool for setting the ambience.

Product data

General Information		Lighting Technology	
Lamp family code	LED79S [LED Module, system flux 7900 lm]	Value ladder	Performance
Cap-Base	- [-]	CE mark	Yes
Light source replaceable	No	Warranty period	5 years
Number of gear units	1 unit	Flammability mark	For mounting on normally flammable surfaces
Driver included	Yes	ENEC mark	ENEC plus mark
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.	Glow-wire test	Temperature 650 °C, duration 30 s
Product family code	SM500T [SM500]	EU RoHS compliant	Yes
		Light Technical	
		Luminous Flux	7,900 lm
		Correlated Color Temperature (Nom)	4000 K

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Luminous Efficacy (rated) (Nom)	160 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Beam angle of light source	- degree(s)
Light source color	840 neutral white
Optic type	Wide beam
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	110°
Unified glare rating CEN	Not applicable

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	19 A
Inrush time	0.280 ms
Power Consumption	49.5 W
Power Factor (Fraction)	0.97
Connection	Connection unit 3-pole
Cable	-
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	+10 to +35 °C
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing

Housing Material	Steel
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Fixation material	-
Housing Color	Grey
Optical cover finish	Clear

Overall length	586 mm
Overall width	184 mm
Overall height	90 mm
Dimensions (Height x Width x Depth)	90 x 184 x 586 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	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-5%

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

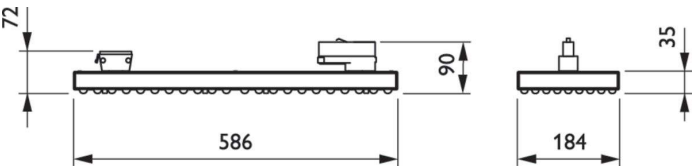
Application Conditions

Performance ambient temperature Tq	25 °C
Suitable for random switching	No

Product Data

Order product name	SM500T LED79S/840 PSU WB GR
Full product name	SM500T LED79S/840 PSU WB GR
Full product code	871869687035800
Order code	910504096903
Material Nr. (12NC)	910504096903
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696870358
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696870358

Dimensional drawing



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