

SM500T

SM500T LED79S/830 PSU DA35 GR

SM500 - LED Module, system flux 7900 lm - 830 warm white -
Power supply unit - Double asymmetric optic 35° - Gray

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		Connection	Connection unit 3-pole
Number of light sources	1 pc	Cable	-
Lamp family code	LED79S [LED Module, system flux 7900 lm]	Protection class IEC	Safety class I
Beam angle of light source	- °	Mounting	3-circuit power track
Light source color	830 warm white	Glow-wire test	Temperature 650 °C, duration 30 s
Cap-Base	- [-]	Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	No	CE mark	CE mark
Number of gear units	1 unit	ENEC mark	ENEC plus mark
Driver/power unit/transformer	Power supply unit	UL mark	-
Driver included	Yes	Warranty period	5 years
Optic type	Double asymmetric optic 35°	Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there
Optical cover/lens type	Polymethyl methacrylate bowl/cover		
Luminaire light beam spread	150°		

SM500T

	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.
Constant light output	No
Number of products on MCB of 16 A type B	24
RoHS mark	RoHS mark
Product family code	SM500T [SM500]
Unified glare rating CEN	Not applicable

Operating and Electrical

Input Voltage	220-240 V
Input Frequency	50 to 60 Hz
Control signal voltage	-
Inrush current	19 A
Inrush time	0.280 ms
Power Factor (Min)	0.97

Controls and Dimming

Dimmable	No
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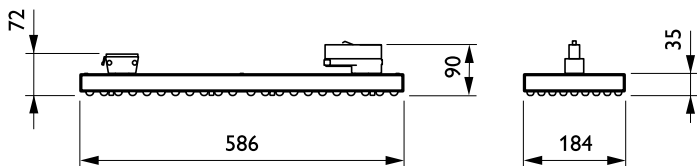
Mechanical and Housing

Geometry	-
Housing Material	Steel
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Polymethyl methacrylate
Gear tray material	Steel
Fixation material	-
Optical cover/lens finish	Clear
Overall length	586 mm
Overall width	184 mm
Overall height	90 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
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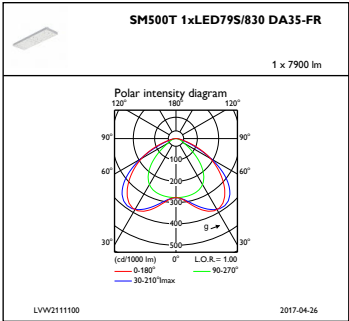
Dimensional drawing



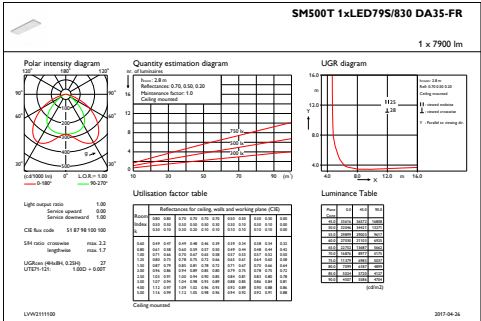
SM500 SM500T

Mech. impact protection code	IK02 [0.2 J standard]
Initial Performance (IEC Compliant)	
Initial luminous flux (system flux)	7900 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	149 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	≥80
Initial chromaticity	(0.43, 0.40) SDCM<3
Initial input power	53 W
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	
Ambient temperature range	+10 to +35 °C
Performance ambient temperature Tq	25 °C
Suitable for random switching	No
Product Data	
Full product code	871869687036500
Order product name	SM500T LED79S/830 PSU DA35 GR
EAN/UPC - Product	8718696870365
Order code	910504097003
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910504097003
Net Weight (Piece)	3.000 kg

Photometric data



IFPC1_SM500T1xLED79S830DA35-FR



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