



# SM500T

## **SM500T LED79S/830 PSD DA20 BK**

SM500, LED Module, system flux 7900 lm, 830 warm white, Power supply unit with DALI interface, Double asymmetric optic 20°. Black

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 ambiance.

#### **Product data**

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

Datasheet, 2023, December 5 data subject to change

### **SM500T**

EU RoHS compliant	Yes	Housing Color
		Optical cover finis
Light Technical		Overall length
Luminous Flux	7,900 lm	Overall width
Correlated Color Temperature (Nom)	3000 K	Overall height
Luminous Efficacy (rated) (Nom)	149 lm/W	Dimensions (Heig
Color rendering index (CRI)	≥80	
Number of light sources	1	Approval and A
Beam angle of light source	- degree(s)	Ingress protection
Light source color	830 warm white	Mech. impact pro
Optic type	Double asymmetric optic 20°	Sustainability rati
Optical cover type	Polymethyl methacrylate bowl/cover	Protection class II
Luminaire light beam spread	110°	
Unified glare rating CEN	Not applicable	Initial Performa
		Luminous flux tol
Operating and Electrical		Initial chromaticit
Input Voltage	220-240 V	Power consumpti
Line Frequency	50 to 60 Hz	_
Inrush current	22 A	Over Time Perf
Inrush time	0.275 ms	Control gear failu
Power Consumption	53 W	life 50000 h
Power Factor (Fraction)	0.97	Lumen maintenar
Connection	Connection unit 3-pole	50000 h
Cable	-	_
Number of products on MCB of 16 A type	24	Application Co
В		Performance amb
		Maximum dim lev
Temperature		Suitable for rando
Ambient temperature range	+10 to +35 °C	
		Product Data
Controls and Dimming		Order product na
Dimmable	Yes	Full product name
Driver/power unit/transformer	Power supply unit with DALI interface	Full product code
Control interface	DALI	Order code
Constant light output	No	Material Nr. (12N0
		Numerator - Quar
Mechanical and Housing		EAN/UPC - Produ
Housing Material	Steel	Numerator - Pack
Reflector material	-	EAN/UPC - Case
Optic material	Polymethyl methacrylate	
Optical cover material	Polymethyl methacrylate	_
Fixation material	-	_

Housing Color	Black
Optical cover finish	Clear
Overall length	586 mm
Overall width	184 mm
Overall height	97 mm
Dimensions (Height x Width x Depth)	97 x 184 x 586 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
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM<3
Power consumption tolerance	+/-5%
Over Time Performance (IEC Compli	ant)
Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful life*	L80
50000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	No
Product Data	
Order product name	SM500T LED79S/830 PSD DA20 BK
Full product name	SM500T LED79S/830 PSD DA20 BK
Full product code	871869687032700
Order code	910504096603
Material Nr. (12NC)	910504096603
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696870327
Numerator - Packs per outer box	1

8718696870327

### **SM500T**

#### Dimensional drawing



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