



EcoStyle

ST440T LED27S/830 PSU WB WH

EcoStyle track mounting, LED Module, system flux 2700 lm, 830 warm white, Power supply unit (On/Off), Wide beam, Safety class II. White

Retailers are looking for an affordable LED accent-lighting solution with a reasonable payback compared to conventional technologies. Now, thanks to EcoStyle, they need look no further. With a LED light source and dedicated reflector system, EcoStyle delivers powerful, good-quality accent lighting, enabling retailers to display their merchandise in the best possible light. For food and fashion retailers, EcoStyle is available with special light recipes to further enhance the store ambiance and to show the produce and goods on offer in the very best light: Fresh Food Champagne is the perfect LED solution for displaying fruit, vegetables, cheese, bread and pastries in a warm lighting ambiance; Fresh Food Meat creates the best light setting for meat enhancement in a cool natural ambiance; CrispWhite is the clear choice for fashion retailers to make colors appear rich and intense while keeping whites bright. The track-mounted EcoStyle is also available in a choice of black or white finish. And the combination of efficient LED technology and an innovative heatsink ensures that this is a reliable, lasting solution.

Product data

General Information		
Lamp family code	LED27S [LED Module, system flux 2700 lm]	
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			
	value also represents the B10 value.		
Service tag	Yes		
Product family code	ST440T [EcoStyle track mounting]		
Lighting Technology	LED		
CE mark	Yes		

Datasheet, 2023, September 4 data subject to change

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Warranty period	5 years	Optic material	Polycarbonate
Flammability mark	For mounting on normally flammable	Optical cover material	Polymethyl methacrylate
	surfaces	Fixation material	Polyamide
ENEC mark	ENEC mark	Housing Color	White
Glow-wire test	Temperature 650 °C, duration 5 s	Optical cover finish	Clear
EU RoHS compliant	Yes	Overall length	230 mm
		Overall width	112 mm
Light Technical		Overall height	194 mm
Luminous Flux	2,700 lm	Dimensions (Height x Width x Depth)	194 x 112 x 230 mm
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	114.8936170212766 lm/W	Approval and Application	
Color rendering index (CRI)	80	Ingress protection code	IP20 [Finger-protected]
Number of light sources	1	Mech. impact protection code	IKO2 [0.2 J standard]
Beam angle of light source	120 degree(s)	Protection class IEC	Safety class II
Light source color	830 warm white		
Optic type	Wide beam	Initial Performance (IEC Compliant)	
Optical cover type	Acrylic bowl/cover clear	Luminous flux tolerance	+/-10%
Luminaire light beam spread	33°	Initial chromaticity	(0.43, 0.40) SDCM <3
Unified glare rating CEN	Not applicable	Power consumption tolerance	+/-10%
Operating and Electrical		Over Time Performance (IEC Compliant)	
Input Voltage	220 to 240 V	Control gear failure rate at median useful 5%	
Line Frequency	50 to 60 Hz	life 50000 h	
Inrush current	18 A	Lumen maintenance at median useful	L80
Inrush time	0.25 ms	life* 50000 h	
Power Consumption	23.5 W		
Power Factor (Fraction)	0.95	Application Conditions	
Connection	-	Performance ambient temperature Tq	25 ℃
Cable	-	Suitable for random switching	No
Number of products on MCB of 16 A type	34		
В		Product Data	
		Order product name	ST440T LED27S/830 PSU WB WH
Temperature		Full product name	ST440T LED27S/830 PSU WB WH
Ambient temperature range	0 to +35 °C	Full product code	871869625926900
		Order code	910500456857
Controls and Dimming		Material Nr. (12NC)	910500456857
Dimmable	No	Numerator - Quantity Per Pack	1
Driver/power unit/transformer	Power supply unit (On/Off)	EAN/UPC - Product/Case	8718696259269
Constant light output	No	Numerator - Packs per outer box	1
		EAN/UPC - Case	8718696259269
Mechanical and Housing			
Housing Material	Polycarbonate		
Reflector material	Polycarbonate aluminum coated		

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Dimensional drawing



