EcoStyle

ST440T LED27S/CH PSU WB WH

EcoStyle track mounting, LED Module, system flux 2700 lm, Champagne, 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 (B50) value also represents the B10 value.
Service tag	Yes
Product family code	ST440T [EcoStyle track mounting]
Lighting Technology	LED
CE mark	Yes

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Warranty period	5 years	**Optical cover material**	Polymethyl methacrylate
Flammability mark	For mounting on normally flammable 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
		Overall height	194 mm
Light Technical		**Dimensions (Height x Width x Depth)**	194 x 112 x 230 mm
Luminous Flux	2,600 lm		
Correlated Color Temperature (Nom)	2500 K	**Approval and Application**	
Luminous Efficacy (rated) (Nom)	110.63829787234043 lm/W	**Ingress protection code**	IP20 [Finger-protected]
Color rendering index (CRI)	80	**Mech. impact protection code**	IK02 [0.2 J standard]
Number of light sources	1	**Protection class IEC**	Safety class II
Beam angle of light source	120 degree(s)		
Light source color	Champagne	**Initial Performance (IEC Compliant)**	
Optic type	Wide beam	**Luminous flux tolerance**	+/-10%
Optical cover type	Acrylic bowl/cover clear	**Initial chromaticity**	(0.46, 0.39) SDCM <3
Luminaire light beam spread	36°	**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 life 50000 h**	5 %
Line Frequency	50 to 60 Hz		
Inrush current	18 A	**Lumen maintenance at median useful life* 50000 h**	L80
Inrush time	0.25 ms		
Power Consumption	23.5 W		
Power Factor (Fraction)	0.95	**Application Conditions**	
Connection	–	**Performance ambient temperature Tq**	25 °C
Cable	–	**Suitable for random switching**	No
Number of products on MCB of 16 A type B	30		
		Product Data	
Temperature		**Order product name**	ST440T LED27S/CH PSU WB WH
Ambient temperature range	0 to +35 °C	**Full product name**	ST440T LED27S/CH PSU WB WH
		Full product code	871869685338200
Controls and Dimming		**Order code**	910500457930
Dimmable	No	**Material Nr. (12NC)**	910500457930
Driver/power unit/transformer	Power supply unit (On/Off)	**Numerator – Quantity Per Pack**	1
Constant light output	No	**EAN/UPC – Product/Case**	8718696853382
		Numerator – Packs per outer box	1
Mechanical and Housing		**EAN/UPC – Case**	8718696853382
Housing Material	Polycarbonate		
Reflector material	Silver		
Optic material	Polycarbonate		

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Dimensional drawing