EcoStyle

ST440T LED27S/840 PSU MB WH

EcoStyle track mounting, LED Module, system flux 2700 lm, 840 neutral white, Power supply unit (On/Off), Medium 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	Unit
Driver included	Yes
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.
Product family code	ST440T [EcoStyle track mounting]
Lighting Technology	LED
CE mark	Yes

EcoStyle

Warranty period	5 years		**Optical cover/lens material**	Polymethyl methacrylate
Flammability mark	For mounting on normally flammable surfaces		**Fixation material**	Polyamide
ENEC mark	ENEC mark		**Housing Colour**	White
Glow-wire test	Temperature 650 °C, duration 5 s		**Optical cover/lens finish**	Clear
EU RoHS compliant	Yes		**Overall length**	230 mm
			Overall width	112 mm

Light Technical

Luminous Flux	2,800 lm		**Overall height**	194 mm
Correlated Colour Temperature	4000 K		**Dimensions (height x width x depth)**	194 x 112 x 230 mm
Luminous efficacy (rated) (nom.)	119.14893617021276 lm/W			

Approval and Application

Colour rendering index (CRI)	80		**Ingress protection code**	IP20 [Finger-protected]
Beam angle of light source	120 degree(s)		**Mech. impact protection code**	IK02 [0.2 J standard]
Light source colour	840 neutral white		**Protection class IEC**	Safety class II
Optic type	Medium beam			
Optical cover type	Acrylic bowl/cover clear		**Initial Performance (IEC Compliant)**	
Luminaire light beam spread	20°		**Luminous flux tolerance**	+/-10%
Unified Glare Rating (CEN)	Not applicable		**Initial chromaticity**	(0.38, 0.38) SDCM <5
			Power consumption tolerance	+/-10%

Operating and Electrical

Input Voltage	220 to 240 V		**Over Time Performance (IEC Compliant)**	
Line Frequency	50 to 60 Hz		**Control gear failure rate at median useful life 50,000 h**	5 %
Inrush current	18 A			
Inrush time	0.25 ms		**Lumen maintenance at median useful life* 50,000 h**	L80
Power Consumption	23.5 W			
Power Factor (Fraction)	0.95			
Connection	–		**Application Conditions**	
Cable	–		**Performance ambient temperature Tq**	25 °C
Number of products on MCB of 16 A type B	34		**Suitable for random switching**	No

Temperature

Ambient temperature range	0 to +35 °C		**Product Data**	
			Order product name	ST440T LED27S/840 PSU MB WH

Controls and Dimming

Dimmable	No		**Full product name**	ST440T LED27S/840 PSU MB WH
Driver/power unit/transformer	Power supply unit (On/Off)		**Full EOC**	871869625925200
Constant light output	No		**Order code**	25925200
			Material no. (12 NC)	910500456856
			SAP numerator – quantity per pack	1

Mechanical and Housing

Housing material	Polycarbonate		**EAN/UPC — Product/Case**	8718696259252
Reflector material	Aluminium and polycarbonate		**Numerator – packs per outer box**	1
Optic material	Polycarbonate		**EAN/UPC – Case**	8718696259252

EcoStyle

Dimensional drawing