PHILIPS Lighting



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
Flammability mark	For mounting on normally flammable surfaces	Fixation material
ENEC mark	ENEC mark	Housing Color
Glow-wire test	Temperature 650 °C, duration 5 s	Optical cover finish
EU RoHS compliant	Yes	Overall length
		Overall width
Light Technical		Overall height
Luminous Flux	2,600 lm	Dimensions (Height x Width x Depth)
Correlated Color Temperature (Nom)	2500 K	
Luminous Efficacy (rated) (Nom)	110.63829787234043 lm/W	Approval and Application
Color rendering index (CRI)	80	Ingress protection code
Number of light sources	1	Mech. impact protection code
Beam angle of light source	120 degree(s)	Protection class IEC
Light source color	Champagne	
Optic type	Wide beam	Initial Performance (IEC Complian
Optical cover type	Acrylic bowl/cover clear	Luminous flux tolerance
Luminaire light beam spread	36°	Initial chromaticity
		Power consumption tolerance
Operating and Electrical		
Input Voltage	220 to 240 V	Over Time Performance (IEC Com
Line Frequency	50 to 60 Hz	Control gear failure rate at median
Inrush current	18 A	useful life 50000 h
Inrush time	0.25 ms	Lumen maintenance at median useful
Power Consumption	23.5 W	life* 50000 h
Power Factor (Fraction)	0.95	
Connection	-	Application Conditions
Cable	-	Performance ambient temperature Tq
Number of products on MCB of 16 A typ	be 30	Suitable for random switching
<u>B</u>		
		Product Data
Temperature		Order product name
Ambient temperature range	0 to +35 °C	Full product name
		Full product code
Controls and Dimming		Order code
Dimmable	No	Material Nr. (12NC)
Driver/power unit/transformer	Power supply unit (On/Off)	Numerator - Quantity Per Pack
Constant light output	No	EAN/UPC - Product/Case
		Numerator - Packs per outer box
Mechanical and Housing		EAN/UPC - Case
Housing Material	Polycarbonate	
Reflector material	Silver	
Optic material	Polycarbonate	

Optical cover material	Polymethyl methacrylate
Fixation material	Polyamide
Housing Color	White
Optical cover finish	Clear
Overall length	230 mm
Overall width	112 mm
Overall height	194 mm
Dimensions (Height x Width x Depth)	194 x 112 x 230 mm
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II
Initial Performance (IEC Complian	it)
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.46, 0.39) SDCM <3
	+/-10%

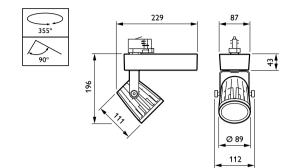
	1
Control gear failure rate at median	5 %
useful life 50000 h	
Lumen maintenance at median useful	L80
life* 50000 h	
Application Conditions	

Suitable for random switching	No
Product Data	
Order product name	ST440T LED27S/CH PSU WB WH
Full product name	ST440T LED27S/CH PSU WB WH
Full product code	871869685338200
Order code	910500457930
Material Nr. (12NC)	910500457930
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696853382
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696853382

25 °C

EcoStyle

Dimensional drawing





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