Lighting

PHILIPS



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	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
Warranty period	5 years

EcoStyle

Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	2,600 lm
Correlated Colour Temperature	2500 K
Luminous efficacy (rated) (nom.)	110.63829787234043 lm/W
Colour rendering index (CRI)	80
Beam angle of light source	120 degree(s)
Light source colour	Champagne
Optic type	Wide beam
Optical cover type	Acrylic bowl/cover clear
Luminaire light beam spread	36°

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	18 A
Inrush time	0.25 ms
Power Consumption	23.5 W
Power Factor (Fraction)	0.95
Connection	-
Cable	-
Number of products on MCB of 16 A	30
type B	

Temperature

Ambient temperature range

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

0 to +35 °C

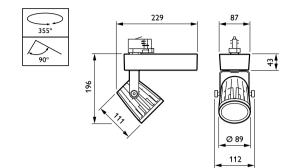
Mechanical and Housing

Meenamear and Housing	
Housing material	Polycarbonate
Reflector material	Silver
Optic material	Polycarbonate
Optical cover/lens material	Polymethyl methacrylate

Fixation material	Polyamide
Housing Colour	White
Optical cover/lens 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	t)
Luminous flux tolerance	+/-10%
	(0.46, 0.39) SDCM <3
Initial chromaticity	(0.40, 0.39) 3DCM <3
Power consumption tolerance Over Time Performance (IEC Comp	+/-10%
Power consumption tolerance Over Time Performance (IEC Comp Control gear failure rate at median useful life 50,000 h	+/-10% bliant) 5 %
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EcoStyle

Dimensional drawing





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