PHILIPS Lighting



EcoStyle

ST440T LED17S/840 PSU MB BK

EcoStyle track mounting, LED module, system flux 1700 lm, 840 neutral white, Power supply unit (On/Off), Medium beam, Safety class II, Black

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	LED17S [LED module, system flux 1700 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

EcoStyle

Warranty period	5 years
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	1,800 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	125 lm/W
Color rendering index (CRI)	80
Number of light sources	1
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Medium beam
Optical cover type	Acrylic bowl/cover clear
Luminaire light beam spread	20°
Unified glare rating CEN	Not applicable
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	14.4 W
Power Factor (Fraction)	0.95
Connection	-
Cable	-
	34
Number of products on MCB of 16 A type	

Optic material	Polycarbonate
Optical cover material	Polymethyl methacrylate
Fixation material	Polyamide
Housing Color	Black
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 Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

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

Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching No

Suitable for random switching	NO
Product Data	
Order product name	ST440T LED17S/840 PSU MB BK
Full product name	ST440T LED17S/840 PSU MB BK
Full product code	871869625911500
Order code	910500456842
Material Nr. (12NC)	910500456842
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696259115
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696259115

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
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Connection	-
Cable	-
Number of products on MCB of 16 A type	34

Ambient temperature range

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
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0 to +35 °C

Polycarbonate

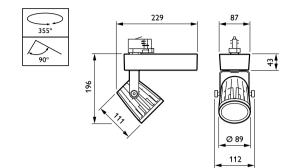
Mechanical and Housing

Housing Material

Reflector material Polycarbonate aluminum coated

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Dimensional drawing





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