# **PHILIPS** Lighting



# **EcoStyle**

# ST440S LED19S/FMT PSU WB WH

EcoStyle track mounting, Fresh meat, 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	
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
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s

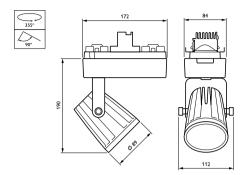
## EcoStyle

	No.
EU RoHS compliant	Yes
Light Technical	
Light Technical	1000 hr
Luminous Flux	1,900 lm
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	86 lm/W
Colour rendering index (CRI)	≥80
Beam angle of light source	120 degree(s)
Light source colour	Fresh meat
Optic type	Wide beam
Luminaire light beam spread	36°
Unified Glare Rating (CEN)	Not applicable
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Average CLO power consumption	- W
Inrush current	12.8 A
Inrush time	208 ms
Power Consumption	22 W
Power Factor (Fraction)	0.95
Connection	-
Cable	-
Number of products on MCB of 16 A type	50
В	
Temperature	
Ambient temperature range	0 to +35 ℃
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Housing material	Aluminium
Reflector material	Aluminium and polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	Polyamide

Housing Colour	White
Optical cover/lens finish	Clear
Overall length	175 mm
Overall width	112 mm
Overall height	200 mm
Dimensions (height x width x depth)	200 x 112 x 175 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	(0.40, 0.33) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Complia	ant)
Control gear failure rate at median useful	
life 50,000 h	
Lumen maintenance at median useful life*	L80
50,000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Suitable for random switching	No
Product Data	
Order product name	ST440S LED19S/FMT PSU WB WH
Full product name	ST440S LED19S/FMT PSU WB WH
Full EOC	871869917853600
Order code	17853600
Material no. (12 NC)	910500465063
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699178536
Numerator – packs per outer box	1
EAN/UPC - Case	8718699178536

## EcoStyle

#### Dimensional drawing





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