# **PHILIPS** Lighting



# EcoStyle

# ST440S LED27S/840 PSU MB BK

EcoStyle track mounting, 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	
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
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark

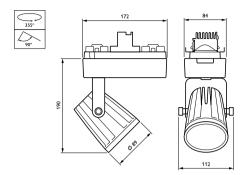
## EcoStyle

Glow-wire test	Temperature 650 ℃, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	2,800 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	119.14893617021276 lm/W
Color rendering index (CRI)	80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Medium beam
Luminaire light beam spread	20°
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 type	34
В	
Temperature	
Ambient temperature range	0 to +35 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Housing Material	Polycarbonate
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover material	Polymethyl methacrylate
Fixation material	Polyamide

	Diasi
Housing Color	Black
Optical cover 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
Annual and Annitastica	
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%
•	5%
Control gear failure rate at median usefu life 50000 h Lumen maintenance at median useful	L80
life 50000 h Lumen maintenance at median useful	
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life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions	
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life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	L80 25 °C No ST440S LED275/840 PSU MB BK ST440S LED275/840 PSU MB BK 871869917831400 910500465041
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## EcoStyle

#### Dimensional drawing





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