# **PHILIPS** Lighting



# **EcoStyle**

# ST440S LED27S/830 PSU WB WH

EcoStyle track mounting, 830 warm white, 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

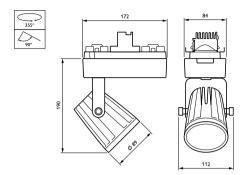
## EcoStyle

Light Technical Luminous Flux 2	2700 lm
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Correlated Colour Temperature	2,700 lm
	3000 K
Luminous efficacy (rated) (nom.) 1	114.8936170212766 lm/W
Colour rendering index (CRI) 8	30
Beam angle of light source 1	120 degree(s)
Light source colour	330 warm white
Optic type	Wide beam
Luminaire light beam spread 3	33°
Operating and Electrical	
Input Voltage 2	220 to 240 V
Line Frequency 5	50 to 60 Hz
Inrush current 1	18 A
Inrush time 0	0.25 ms
Power Consumption 2	23.5 W
Power Factor (Fraction)	0.95
Connection -	-
Cable -	-
Number of products on MCB of 16 A type 3	34
В	
Temperature	
Ambient temperature range 0	0 to +35 ℃
Controls and Dimming	
Dimmable N	No
Driver/power unit/transformer F	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
	Polycarbonate
	Aluminium and polycarbonate
	Polycarbonate
	Polymethyl methacrylate
	Polyamide
	White
	writte

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	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compli	ant)
· · · · ·	
Control gear failure rate at median useful	D 70
life 50,000 h Lumen maintenance at median useful	L80
Lumen maintenance at median useful life* 50,000 h	LOU
Application Conditions	
Performance ambient temperature Tq	25 ℃
Suitable for random switching	No
Product Data	
Order product name	ST440S LED27S/830 PSU WB WH
Full product name	ST440S LED27S/830 PSU WB WH
Full EOC	871869917846800
Order code	17846800
Material no. (12 NC)	910500465056
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699178468
	1
Numerator – packs per outer box	

## EcoStyle

#### Dimensional drawing





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