# **PHILIPS** Lighting



# EcoStyle

# ST440S LED39S/840 PSU WB BK

EcoStyle track mounting, 840 neutral white, Power supply unit (On/Off), Wide 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			the median useful life (B50) value also
Light source replaceable	No		represents the B10 value.
Number of gear units	1 unit	Service tag	Yes
Driver included	Yes	Product family code	ST440T [EcoStyle track mounting]
Remarks	*-Per Lighting Europe guidance paper	Lighting Technology	LED
	"Evaluating performance of LED based	CE mark	Yes
	luminaires - January 2018": statistically there is	Warranty period	5 years
	no relevant difference in lumen maintenance	Flammability mark	For mounting on normally flammable surfaces
	between B50 and for example B10. Therefore,	ENEC mark	ENEC mark
		Glow-wire test	Temperature 650 °C, duration 5 s

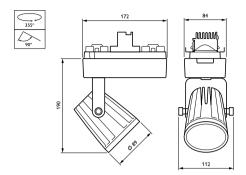
## EcoStyle

EU RoHS compliant	Yes
Light Tochnical	
Light Technical	2.000 lm
Luminous Flux	3,800 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	120.63492063492063 lm/W
Color rendering index (CRI)	80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	34°
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	31.5 W
Power Factor (Fraction)	0.95
Connection	-
Cable	-
Number of products on MCB of 16 A	34
type B	
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
Housing Color	Black

Outlined answer finish	Class
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
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%
Initial chromaticity	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%
Over Time Performance (IEC Com	pliant)
Control gear failure rate at median	5 %
useful life 50000 h	
Lumen maintenance at median useful	L80
life* 50000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Suitable for random switching	No
Product Data	
Order product name	ST440S LED39S/840 PSU WB BK
Full product name	ST440S LED39S/840 PSU WB BK
Full product code	871869917837600
Order code	910500465047
Material Nr. (12NC)	910500465047
Material Nr. (12NC) Numerator - Quantity Per Pack	910500465047 1
Numerator - Quantity Per Pack	1

## EcoStyle

#### Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, September 4 - data subject to change