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		
Light source replaceable	No	
Number of gear units	Unit	Product family code
Driver included	Yes	Lighting Technology
Remarks	*- According to the Lighting Europe guidance	CE mark
	paper 'Evaluating performance of LED based	Warranty period
	luminaires – January 2018': statistically there is	Flammability mark
	no relevant difference in lumen maintenance	ENEC mark
	between the B50 and, for example, the B10.	Glow-wire test

	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	

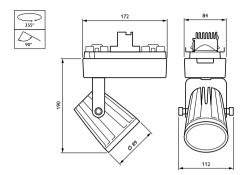
EcoStyle

Yes
2 800 lm
3,800 lm
4000 K
120.63492063492063 lm/W
80
120 degree(s)
840 neutral white
Wide beam
34°
220 to 240 V
50 to 60 Hz
18 A
0.25 ms
31.5 W
0.95
-
-
34
0 to +35 °C
No
Power supply unit (On/Off)
No
Polycarbonate
Aluminium and polycarbonate
Polycarbonate
Polymethyl methacrylate
Polyamide
Black

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 Complian	· · · · · · · · · · · · · · · · · · ·
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 50,000 h	
Lumen maintenance at median useful	L80
life* 50,000 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 EOC	871869917837600
Order code	17837600
Material no. (12 NC)	910500465047
SAP numerator - quantity per pack	1
EAN/UPC — Product/Case	8718699178376
Numerator – packs per outer box	1
EAN/UPC - Case	8718699178376

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, April 29 - data subject to change