PHILIPS Lighting



StyliD

ST740T LED39S/840 PSD-VLC WB WH

STYLID COMPACT G3 TRACK, LED Module, system flux 3900 lm, 840 neutral white, Power supply unit with DALI interface, DC-compatible for central emergency lighting (integrated), Wide beam, White

Retailers are increasingly having to contend with rising energy prices. At the same time, they need to retain the quality of light they are used to, flexibility in architectural integration, and the right light effects to catch the customer's eye. Last but not least, they need future-proof solutions that will enable them to implement differentiating concepts in their store. Delivering high-quality light, punch in the beam and outstanding luminous efficacy, StyliD is the ideal energy-efficient solution for today's demanding retail environments, covering a variety of lighting applications, with including CrispWhite for fashion stores and Food recipes for supermarkets.

Product data

General Information		Product famil
Lamp family code	LED39S [LED Module, system flux 3900 lm]	Lighting Tech
Light source replaceable	No	CE mark
Number of gear units	Unit	Warranty peri
Driver included	Yes	Flammability
Remarks	*- According to the Lighting Europe guidance	ENEC mark
	paper 'Evaluating performance of LED based	Glow-wire tes
	luminaires – January 2018': statistically there is	EU RoHS com
	no relevant difference in lumen maintenance	
	between the B50 and, for example, the B10.	Light Techn
	Therefore, the median useful life (B50) value	Luminous Flux
	also represents the B10 value.	Correlated Co
		-

Product family code	ST740T [STYLID COMPACT G3 TRACK]
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 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	4,050 lm
Correlated Colour Temperature	4000 K

StyliD

Luminous efficacy (rated) (nom.)	128.57142857142858 lm/W
Colour rendering index (CRI)	≥80
Beam angle of light source	120 degree(s)
Light source colour	840 neutral white
Optic type	Wide beam
Optical cover type	-
Luminaire light beam spread	34°
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	5.3 A
Inrush time	0.70 ms
Power Consumption	31.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A	24
type B	
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface, DC-
	compatible for central emergency lighting
	(integrated)
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing material	Metal-Plastic
Reflector material	Aluminium and polycarbonate
Optic material	Polycarbonate

Polymethyl methacrylate

_

White

Clear

Overall length	279 mm
Overall width	89 mm
Overall height	191 mm
Dimensions (height x width x depth)	191 x 89 x 279 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 <3
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
Maximum dim level	1%
Suitable for random switching	Yes
Product Data	
Order product name	ST740T LED39S/840 PSD-VLC WB WH
Full product name	ST740T LED39S/840 PSD-VLC WB WH
Full EOC	871869684853100
Order code	
	84853100
Material no. (12 NC)	84853100 910500457376
Material no. (12 NC) SAP numerator – quantity per pack	
	910500457376
SAP numerator – quantity per pack	910500457376 1

Optical cover/lens material

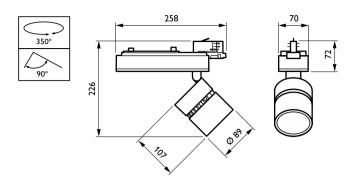
Optical cover/lens finish

Fixation material

Housing Colour

StyliD

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