PHILIPS Lighting



StyliD

ST740T LED39S/827 PSU WB WH LIN

STYLID COMPACT G3 TRACK, LED Module, system flux 3900 lm, 827 warm white, Power supply unit, DC-compatible for central emergency lighting, Wide beam, Linear-lens array oval shape, 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 family code	ST740T [STYL
Lamp family code	LED39S [LED Module, system flux 3900 lm]	Lighting Technology	LED
Light source replaceable	No	CE mark	Yes
Number of gear units	Unit	Warranty period	5 years
Driver included	Yes	Flammability mark	For mounting
Remarks	*- According to the Lighting Europe guidance	ENEC mark	ENEC mark
	paper 'Evaluating performance of LED based	Glow-wire test	Temperature
	luminaires – January 2018': statistically there is	EU RoHS compliant	Yes
	no relevant difference in lumen maintenance		
	between the B50 and, for example, the B10.	Light Technical	
	Therefore, the median useful life (B50) value	Luminous Flux	3,750 lm
	also represents the B10 value.	Correlated Colour Temperature	2700 K

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	3,750 lm
Correlated Colour Temperature	2700 K

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Luminous efficacy (rated) (nom.)	119.04761904761905 lm/W
Colour rendering index (CRI)	≥80
Beam angle of light source	120 degree(s)
Light source colour	827 warm white
Optic type	Wide beam
Optical cover type	Linear-lens array oval shape
Luminaire light beam spread	30° x 60°

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	14.5 A
Inrush time	0.22 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	32
type B	

+10 to +40 °C

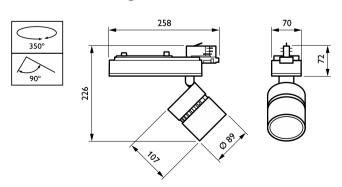
Temperature

Ambient temperature range

No
Power supply unit, DC-compatible for centra
emergency lighting
No
Metal-Plastic
Aluminium and polycarbonate
Polycarbonate
Polymethyl methacrylate
-
White
Clear

Overall length	258 mm	
Overall width	89 mm	
Overall height	179 mm	
Dimensions (height x width x depth)	179 x 89 x 258 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	nt)	
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.45, 0.41) 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	
Suitable for random switching	Yes	
Product Data		
Order product name	ST740T LED39S/827 PSU WB WH LIN	
Full product name	ST740T LED39S/827 PSU WB WH LIN	
Full EOC	871869684854800	
Order code	84854800	
Material no. (12 NC)	910500457377	
SAP numerator – quantity per pack	1	
EAN/UPC — Product/Case	8718696848548	
Numerator – packs per outer box	1	
EAN/UPC - Case	8718696848548	

Dimensional drawing



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