# **PHILIPS** Lighting



# **StyliD**

# ST740T LED39S/827 PSD-VLC WB WH LIN

STYLID COMPACT G3 TRACK, LED Module, system flux 3900 lm, 827 warm white, Power supply unit with DALI interface, DCcompatible for central emergency lighting (integrated), 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		
Lamp family code	LED39S [LED Module, system flux 3900 lm]	-
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	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	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	

+10 to +40 °C

#### Temperature

Ambient temperature range

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 matorial	Bolycarbonato

Optic material	Polycarbonate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	-
Housing Colour	White
Optical cover/lens finish	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	nt)
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.45, 0.41) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Com	ipliant)
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 ℃
Maximum dim level	1%
Suitable for random switching	Yes
Product Data	
Order product name	ST740T LED39S/827 PSD-VLC WB WH LIN
Full product name	ST740T LED39S/827 PSD-VLC WB WH LIN
Full EOC	871869684855500
Order code	84855500
Material no. (12 NC)	910500457378
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696848555

1

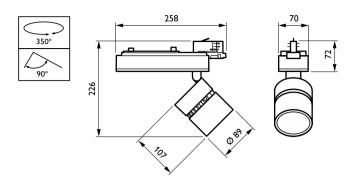
8718696848555

Numerator – packs per outer box

EAN/UPC - Case

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### Dimensional drawing





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