# **PHILIPS** Lighting



# **StyliD**

# ST740T LED27S/840 PSD-VLC WB WH

STYLID COMPACT G3 TRACK, LED Module, system flux 2700 lm, 840 neutral white, Power supply unit with DALI interface, DCcompatible 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 family code	S
Lamp family code	LED27S [LED Module, system flux 2700 lm]	Lighting Technology	L
Light source replaceable	No	CE mark	Y
Number of gear units	Unit	Warranty period	5
Driver included	Yes	Flammability mark	F
Remarks	*- According to the Lighting Europe guidance	ENEC mark	E
	paper 'Evaluating performance of LED based	Glow-wire test	Т
	luminaires – January 2018': statistically there is	EU RoHS compliant	Y
	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	З
	also represents the B10 value.	Correlated Colour Temperature	4

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	3,000 lm
Correlated Colour Temperature	4000 K

## **StyliD**

Luminous efficacy (rated) (nom.)	133.3333333333334 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	

Operating and Electric	al
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Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	5.3 A
Inrush time	0.70 ms
Power Consumption	22.5 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	
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
Optical cover/lens material	Polymethyl methacrylate
Fixation material	-
Housing Colour	White

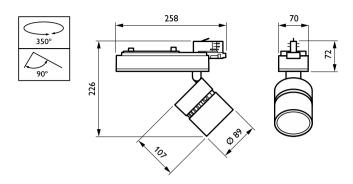
Clear

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%
	nliant)
Over Time Performance (IEC Com	pliancy
Control gear failure rate at median	5 %
•	
Control gear failure rate at median	
Control gear failure rate at median useful life 50,000 h Lumen maintenance at median useful life* 50,000 h	5%
Control gear failure rate at median useful life 50,000 h Lumen maintenance at median useful life* 50,000 h Application Conditions	5 % L80
Control gear failure rate at median useful life 50,000 h Lumen maintenance at median useful life* 50,000 h Application Conditions Performance ambient temperature Tq	5 % L80 25 °C
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Control gear failure rate at median useful life 50,000 h Lumen maintenance at median useful life* 50,000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full EOC Order code Material no. (12 NC)	5 % 5 % L80 25 °C 1% Yes ST740T LED27S/840 PSD-VLC WB WH ST740T LED27S/840 PSD-VLC WB WH 871869684843200 84843200 910500457366
Control gear failure rate at median useful life 50,000 h Lumen maintenance at median useful life* 50,000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product name Full EOC Order code Material no. (12 NC) SAP numerator – quantity per pack	5 % 5 % L80 25 °C 1% Yes ST740T LED275/840 PSD-VLC WB WH ST740T LED275/840 PSD-VLC WB WH 871869684843200 84843200 910500457366 1

Optical cover/lens finish

### **StyliD**

#### Dimensional drawing





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