# **PHILIPS** Lighting



# **StyliD**

# ST740T LED27S/930 PSD-VLC MB BK

STYLID COMPACT G3 TRACK, LED Module, system flux 2700 lm, 930 warm white, Power supply unit with DALI interface, DCcompatible for central emergency lighting (integrated), Medium beam, Black

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		Produ
Lamp family code	LED27S [LED Module, system flux 2700 lm]	Lighti
Light source replaceable	No	CE ma
Number of gear units	Unit	Warra
Driver included	Yes	Flamr
Remarks	*- According to the Lighting Europe guidance	ENEC
	paper 'Evaluating performance of LED based	Glow
	luminaires – January 2018': statistically there is	EU Ro
	no relevant difference in lumen maintenance	
	between the B50 and, for example, the B10.	Light
	Therefore, the median useful life (B50) value	Lumir
	also represents the B10 value.	Corre

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	2,700 lm
Correlated Colour Temperature	3000 K

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Luminous efficacy (rated) (nom.)	105.88235294117646 lm/W
Colour rendering index (CRI)	≥90
Beam angle of light source	120 degree(s)
Light source colour	930 warm white
Optic type	Medium beam
Optical cover type	-
Luminaire light beam spread	24°

#### 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	25.5 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

Fixation material

Optical cover/lens finish

Housing Colour

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 material	Polycarbonate
Optical cover/lens material	Polymethyl methacrylate

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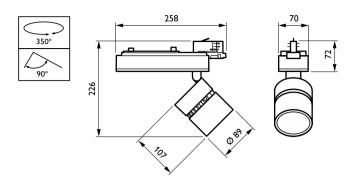
Black

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	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Com	oliant)
Control gear failure rate at median	5 %
Control gear failure rate at median useful life 50,000 h	5 %
-	5 % L80
useful life 50,000 h	
useful life 50,000 h Lumen maintenance at median useful life* 50,000 h	
useful life 50,000 h Lumen maintenance at median useful life* 50,000 h Application Conditions	L80
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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	L80 25 °C 1% Yes ST740T LED27S/930 PSD-VLC MB BK ST740T LED27S/930 PSD-VLC MB BK 871869684840100 84840100 910500457363 1

## **StyliD**

### Dimensional drawing





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