PHILIPS Lighting



StyliD

ST740T LED49S/830 PSD-VLC MB WH

STYLID COMPACT G3 TRACK, LED module, system flux 4900 lm, 830 warm white, Power supply unit with DALI interface, DC compatible for central emergency lighting (integrated), Medium 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. StyliD family features full passive cooling for the complete range that allows faster payback in the Performance size as well.

Product data

General Information			B10. Therefore, the median useful life (B50
Lamp family code	LED49S [LED module, system flux 4900 lm]		value also represents the B10 value.
Light source replaceable	No	Product family code	ST740T [STYLID COMPACT G3 TRACK]
Number of gear units	1 unit	Lighting Technology	LED
Driver included	Yes	CE mark	Yes
Remarks	*-Per Lighting Europe guidance paper	Warranty period	5 years
	"Evaluating performance of LED based	Flammability mark	For mounting on normally flammable
	luminaires - January 2018": statistically there		surfaces
	is no relevant difference in lumen	ENEC mark	ENEC mark
	maintenance between B50 and for example	Glow-wire test	Temperature 650 °C, duration 30 s

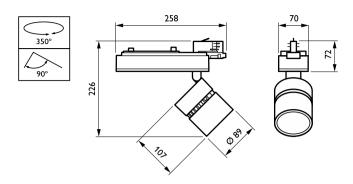
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EU RoHS compliant	Yes
Light Technical	
Luminous Flux	4.900 lm
	4,900 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	122.5 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Beam angle of light source	120 degree(s)
Light source color	830 warm white
Optic type	Medium beam
Optical cover type	Clear glass
Luminaire light beam spread	30°
On such as a state of the state of the	
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	40 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type	24
В	
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
Manhandrad and D	
Mechanical and Housing	
Housing Material	Metal-Plastic
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate

Fixation material	-
Housing Color	White
Optical cover 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 Compliant	;)
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Comp	liant)
Control gear failure rate at median usefu	l 5 %
life 50000 h	
Lumen maintenance at median useful	L80
life* 50000 h	
life* 50000 h	
life* 50000 h Application Conditions	
	25 °C
Application Conditions	25 °C 1%
Application Conditions Performance ambient temperature Tq	
Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching	1%
Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data	1% Yes
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Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code	1% Yes ST740T LED49S/830 PSD-VLC MB WH ST740T LED49S/830 PSD-VLC MB WH 871869697301100 910500459039
Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	1% Yes ST740T LED49S/830 PSD-VLC MB WH ST740T LED49S/830 PSD-VLC MB WH 871869697301100 910500459039 910500459039
Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	1% Yes ST740T LED49S/830 PSD-VLC MB WH ST740T LED49S/830 PSD-VLC MB WH 871869697301100 910500459039 910500459039 1
Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	1% Yes ST740T LED49S/830 PSD-VLC MB WH ST740T LED49S/830 PSD-VLC MB WH 871869697301100 910500459039 910500459039
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Dimensional drawing





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