



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.

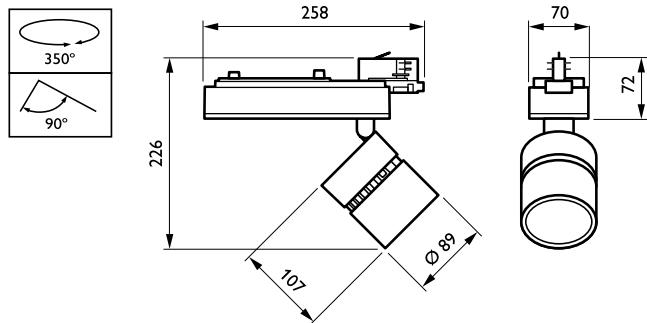
Product data

General Information	
Number of light sources	1 [1 pc]
Lamp family code	LED49S [LED Module, system flux 4900 lm]
Beam angle of light source	120 °
Light source color	830 warm white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSED [Power supply unit with DALI interface, DC-compatible for central emergency lighting (integrated)]
Driver included	Yes
Optic type	MB [Medium beam]
Optical cover/lens type	
Optical cover/lens type	GC [Clear glass]
Luminaire light beam spread	
Luminaire light beam spread	30°
Control interface	
Control interface	DALI
Connection	
Connection	PIP [Push-in connector and pull relief]
Cable	
Cable	-
Protection class IEC	
Protection class IEC	Safety class II (II)
Glow-wire test	
Glow-wire test	650/30 [Temperature 650 °C, duration 30 s]
Flammability mark	
Flammability mark	F [For mounting on normally flammable surfaces]
CE mark	
CE mark	CE mark
ENEC mark	
ENEC mark	ENEC mark
UL mark	
UL mark	-

Warranty period	5 years	Mech. impact protection code	IK02 [0.2 J standard]
Glare shielding accessories	No [-]		
Remarks	<p>*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore the median useful life (B50) value also represents the B10 value.</p>		
Constant light output	No		
Number of products on MCB of 16 A	24		
type B			
RoHS mark	RoHS mark		
Product family code	ST740T [STYLED COMPACT G3 TRACK]		
Operating and Electrical			
Input Voltage	220 to 240 V		
Input Frequency	50 to 60 Hz		
Control signal voltage	0-16 V DC DALI		
Inrush current	5.3 A		
Inrush time	0.70 ms		
Power Factor (Min)	0.9		
Controls and Dimming			
Dimmable	Yes		
Mechanical and Housing			
Housing Material	Metal/Plastic		
Reflector material	Polycarbonate aluminum coated		
Optic material	Polycarbonate		
Optical cover/lens material	Polymethyl methacrylate		
Fixation material	-		
Optical cover/lens finish	Clear		
Overall length	279 mm		
Overall width	89 mm		
Overall height	191 mm		
Approval and Application			
Ingress protection code	IP20 [Finger-protected]		
Initial Performance (IEC Compliant)			
Initial luminous flux (system flux)	4900 lm		
Luminous flux tolerance	+/-10%		
Initial LED luminaire efficacy	113 lm/W		
Init. Corr. Color Temperature	3000 K		
Init. Color Rendering Index	≥80		
Initial chromaticity	(0.43, 0.40) SDCM <3		
Initial input power	43.5 W		
Power consumption tolerance	+/-10%		
Over Time Performance (IEC Compliant)			
Control gear failure rate at median	5 %		
useful life 50000 h			
Lumen maintenance at median useful	L80		
life* 50000 h			
Application Conditions			
Ambient temperature range	+10 to +40 °C		
Performance ambient temperature Tq	25 °C		
Maximum dim level	1%		
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)		
Product Data			
Full product code	87186969730100		
Order product name	ST740T LED49S/830 PSD-VLC MB WH		
EAN/UPC - Product	8718696973011		
Order code	97301100		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	1		
Material Nr. (12NC)	910500459039		
Net Weight (Piece)	1.200 kg		

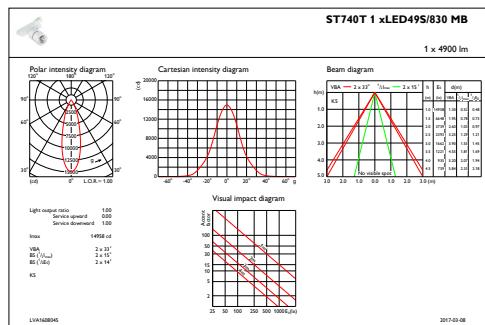
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Dimensional drawing

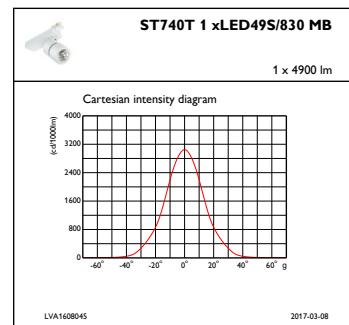


StyliD ST730C-ST750T

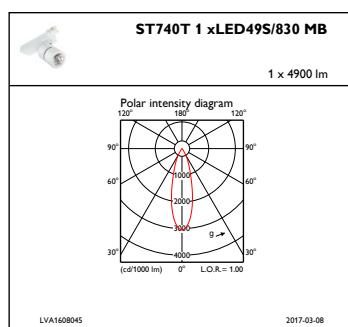
Photometric data



IFAS1_ST740T1xLED49S830MB



IFCC1_ST740T1xLED49S830MB



IFPC1_ST740T1xLED49S830MB

