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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	
Lamp family code	LED49S [LED module, system flux 4900 lm]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Remarks	*-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.
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

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EU RoHS compliant	Yes		**Fixation material**	–
			Housing Color	White
Light Technical			**Optical cover finish**	Clear
Luminous Flux	4,900 lm		**Overall length**	279 mm
Correlated Color Temperature (Nom)	3000 K		**Overall width**	89 mm
Luminous Efficacy (rated) (Nom)	122.5 lm/W		**Overall height**	191 mm
Color rendering index (CRI)	≥80		**Dimensions (Height x Width x Depth)**	191 x 89 x 279 mm
Number of light sources	1			
Beam angle of light source	120 degree(s)		**Approval and Application**	
Light source color	830 warm white		**Ingress protection code**	IP20 [Finger-protected]
Optic type	Medium beam		**Mech. impact protection code**	IK02 [0.2 J standard]
Optical cover type	Clear glass		**Protection class IEC**	Safety class II
Luminaire light beam spread	30°			
			Initial Performance (IEC Compliant)	
Operating and Electrical			**Luminous flux tolerance**	+/-10%
Input Voltage	220 to 240 V		**Initial chromaticity**	(0.43, 0.40) SDCM <3
Line Frequency	50 to 60 Hz		**Power consumption tolerance**	+/-10%
Inrush current	5.3 A			
Inrush time	0.70 ms		**Over Time Performance (IEC Compliant)**	
Power Consumption	40 W		**Control gear failure rate at median useful life 50000 h**	5 %
Power Factor (Fraction)	0.9			
Connection	Push-in connector and pull relief		**Lumen maintenance at median useful life* 50000 h**	L80
Cable	–			
Number of products on MCB of 16 A type B	24			
			Application Conditions	
Temperature			**Performance ambient temperature Tq**	25 °C
Ambient temperature range	+10 to +40 °C		**Maximum dim level**	1%
			Suitable for random switching	Yes
Controls and Dimming				
Dimmable	Yes		**Product Data**	
Driver/power unit/transformer	Power supply unit with DALI interface, DC compatible for central emergency lighting (integrated)		**Order product name**	ST740T LED49S/830 PSD-VLC MB WH
			Full product name	ST740T LED49S/830 PSD-VLC MB WH
			Full product code	871869697301100
Control interface	DALI		**Order code**	910500459039
Constant light output	No		**Material Nr. (12NC)**	910500459039
			Numerator – Quantity Per Pack	1
Mechanical and Housing			**EAN/UPC – Product/Case**	8718696973011
Housing Material	Metal–Plastic		**Numerator – Packs per outer box**	1
Reflector material	Polycarbonate aluminum coated		**EAN/UPC – Case**	8718696973011
Optic material	Polycarbonate			
Optical cover material	Polymethyl methacrylate			

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Dimensional drawing