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, DC compatible 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

Lamp family code	LED27S [LED Module, system flux 2700 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
EU RoHS compliant	Yes

Light Technical

Luminous Flux	2,700 lm
Correlated Color Temperature (Nom)	3000 K

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Luminous Efficacy (rated) (Nom)	105.88235294117646 lm/W		Optical cover finish	Clear
Color rendering index (CRI)	≥90		Overall length	279 mm
Number of light sources	1		Overall width	89 mm
Beam angle of light source	120 degree(s)		Overall height	191 mm
Light source color	930 warm white		Dimensions (Height x Width x Depth)	191 x 89 x 279 mm
Optic type	Medium beam			
Optical cover type	–		**Approval and Application**	
Luminaire light beam spread	24°		Ingress protection code	IP20 [Finger-protected]
			Mech. impact protection code	IK02 [0.2 J standard]
Operating and Electrical			Protection class IEC	Safety class II
Input Voltage	220 to 240 V			
Line Frequency	50 to 60 Hz		**Initial Performance (IEC Compliant)**	
Inrush current	5.3 A		Luminous flux tolerance	+/-10%
Inrush time	0.70 ms		Initial chromaticity	(0.43, 0.40) SDCM <3
Power Consumption	25.5 W		Power consumption tolerance	+/-10%
Power Factor (Fraction)	0.9			
Connection	Push-in connector and pull relief		**Over Time Performance (IEC Compliant)**	
Cable	–		Control gear failure rate at median useful life 50000 h	5 %
Number of products on MCB of 16 A type B	24		Lumen maintenance at median useful life* 50000 h	L80
Temperature			**Application Conditions**	
Ambient temperature range	+10 to +40 ℃		Performance ambient temperature Tq	25 ℃
			Maximum dim level	1%
Controls and Dimming			Suitable for random switching	Yes
Dimmable	Yes			
Driver/power unit/transformer	Power supply unit with DALI interface, DC compatible for central emergency lighting (integrated)		**Product Data**	
			Order product name	ST740T LED27S/930 PSD-VLC MB BK
Control interface	DALI		Full product name	ST740T LED27S/930 PSD-VLC MB BK
Constant light output	No		Full product code	871869684840100
			Order code	84840100
Mechanical and Housing			Material Nr. (12NC)	910500457363
Housing Material	Metal–Plastic		Numerator – Quantity Per Pack	1
Reflector material	Polycarbonate aluminum coated		EAN/UPC – Product/Case	8718696848401
Optic material	Polycarbonate		Numerator – Packs per outer box	1
Optical cover material	Polymethyl methacrylate		EAN/UPC – Case	8718696848401
Fixation material	–			
Housing Color	Black			

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Dimensional drawing

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