StyliD

ST730T LED12S/840 PSU WB WH

STYLID MINI G3 TRACK, LED module, system flux 1200 lm, 840 neutral white, Power supply unit, DC compatible for central emergency lighting, Wide 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

Lamp family code	LED12S [LED module, system flux 1200 lm]
Cap-Base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	–
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	ST730T [STYLID MINI 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	1,250 lm

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Correlated Color Temperature (Nom)	4000 K		Optical cover finish	Clear
Luminous Efficacy (rated) (Nom)	119.04761904761905 lm/W		Overall length	258 mm
Color rendering index (CRI)	≥80		Overall width	73 mm
Number of light sources	1		Overall height	159 mm
Beam angle of light source	120 degree(s)		Dimensions (Height x Width x Depth)	159 x 73 x 258 mm
Light source color	840 neutral white			
Optic type	Wide beam		**Approval and Application**	
Optical cover type	–		Ingress protection code	IP20 [Finger-protected]
Luminaire light beam spread	36°		Mech. impact protection code	IK02 [0.2 J standard]
			Protection class IEC	Safety class II
Operating and Electrical				
Input Voltage	220 to 240 V		**Initial Performance (IEC Compliant)**	
Line Frequency	50 to 60 Hz		Luminous flux tolerance	+/-10%
Inrush current	14 A		Initial chromaticity	(0.38, 0.38) SDCM <3
Inrush time	0.25 ms		Power consumption tolerance	+/-10%
Power Consumption	10.2 W			
Power Factor (Fraction)	0.9		**Over Time Performance (IEC Compliant)**	
Connection	Push-in connector and pull relief		Control gear failure rate at median useful life 50000 h	5 %
Cable	–			
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 °C		Performance ambient temperature Tq	25 °C
			Suitable for random switching	Yes
Controls and Dimming				
Dimmable	No		**Product Data**	
Driver/power unit/transformer	Power supply unit, DC compatible for central emergency lighting		Order product name	ST730T LED12S/840 PSU WB WH
			Full product name	ST730T LED12S/840 PSU WB WH
Constant light output	No		Full product code	871869684830200
			Order code	84830200
Mechanical and Housing			Material Nr. (12NC)	910500457353
Housing Material	Metal–Plastic		Numerator – Quantity Per Pack	1
Reflector material	Polycarbonate aluminum coated		EAN/UPC – Product/Case	8718696848302
Optic material	Polycarbonate		Numerator – Packs per outer box	1
Optical cover material	Polymethyl methacrylate		EAN/UPC – Case	8718696848302
Fixation material	–			
Housing Color	White			

Dimensional drawing

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www.lighting.philips.com

2023, April 29 – data subject to change