



StyliD

ST730T LED12S/830 PSD-VLC WB BK

STYLID MINI G3 TRACK, LED module, system flux 1200 lm, 830 warm white, Power supply unit with DALI interface, DC-compatible for central emergency lighting (integrated), Wide 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	LED12S [LED module, system flux 1200 lm]	Therefore, the median useful life (B50) value also represents the B10 value.	
Cap base	- [-]	Product family code	ST730T [STYLID MINI G3 TRACK]
Light source replaceable	No	Lighting Technology	LED
Number of gear units	Unit	CE mark	Yes
Gear	-	Warranty period	5 years
Driver included	Yes	Flammability mark	For mounting on normally flammable surfaces
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10.		
		ENEC mark	ENEC mark
		Glow-wire test	Temperature 650 °C, duration 30 s
		EU RoHS compliant	Yes

Light Technical	
Luminous Flux	1,200 lm
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	114.28571428571429 lm/W
Colour rendering index (CRI)	≥80
Beam angle of light source	120 degree(s)
Light source colour	830 warm white
Optic type	Wide beam
Optical cover type	-
Luminaire light beam spread	36°
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	16 A
Inrush time	0.22 ms
Power Consumption	10.2 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	24
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
Mechanical and Housing	
Housing material	Metal-Plastic
Reflector material	Aluminium and polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	-

Housing Colour	Black
Optical cover/lens finish	Clear
Overall length	279 mm
Overall width	73 mm
Overall height	171 mm
Dimensions (height x width x depth)	171 x 73 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 Compliant)	
Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L80
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes
Product Data	
Order product name	ST730T LED12S/830 PSD-VLC WB BK
Full product name	ST730T LED12S/830 PSD-VLC WB BK
Full EOC	871869684825800
Order code	84825800
Material no. (12 NC)	910500457348
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696848258
Numerator – packs per outer box	1
EAN/UPC – Case	8718696848258

Dimensional drawing

