



# StyliD

## ST740T LED27S/827 PSU MB WH

STYLID COMPACT G3 TRACK, LED Module, system flux 2700 lm, 827 warm white, Power supply unit, DC compatible for central emergency lighting, 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		Lighting Technology	
Lamp family code	LED27S [LED Module, system flux 2700 lm]	Lighting Technology	LED
Light source replaceable	No	CE mark	Yes
Number of gear units	1 unit	Warranty period	5 years
Driver included	Yes	Flammability mark	For mounting on normally flammable surfaces
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.	ENEC mark	ENEC mark
Product family code	ST740T [STYLID COMPACT G3 TRACK]	Glow-wire test	Temperature 650 °C, duration 30 s
		EU RoHS compliant	Yes
		Light Technical	
		Luminous Flux	2,750 lm
		Correlated Color Temperature (Nom)	2700 K
		Luminous Efficacy (rated) (Nom)	122.2222222222223 lm/W
		Color rendering index (CRI)	≥80

Number of light sources	1
Beam angle of light source	120 degree(s)
Light source color	827 warm white
Optic type	Medium beam
Optical cover type	-
Luminaire light beam spread	24°

## Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	14.5 A
Inrush time	0.22 ms
Power Consumption	22.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	32

## Temperature

Ambient temperature range	+10 to +40 °C
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## Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit, DC compatible for central emergency lighting
Constant light output	No

## Mechanical and Housing

Housing Material	Metal-Plastic
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover material	Polymethyl methacrylate
Fixation material	-
Housing Color	White
Optical cover finish	Clear
Overall length	258 mm

Overall width	89 mm
Overall height	179 mm
Dimensions (Height x Width x Depth)	179 x 89 x 258 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	(0.45, 0.41) SDCM <3
Power consumption tolerance	+/-10%

## Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L80

## Application Conditions

Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

## Product Data

Order product name	ST740T LED27S/827 PSU MB WH
Full product name	ST740T LED27S/827 PSU MB WH
Full product code	871869684841800
Order code	84841800
Material Nr. (12NC)	910500457364
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696848418
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696848418

## Dimensional drawing



