StyliD

ST750T LED27S/CH PSU WB BK LIN

STYLID PERFORMANCE G3 TRACK, LED Module, system flux 2700 lm, Champagne, Power supply unit, DC compatible for central emergency lighting, 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. 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	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	ST750T [STYLID PERFORMANCE 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 5 s
EU RoHS compliant	Yes

Light Technical

Luminous Flux	2,750 lm
Correlated Color Temperature (Nom)	2700 K

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Luminous Efficacy (rated) (Nom)	122.22222222222223 lm/W
Color rendering index (CRI)	≥90
Beam angle of light source	120 degree(s)
Light source color	Champagne
Optic type	Wide beam
Luminaire light beam spread	30° x 60°
Unified glare rating CEN	Not applicable

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	– W W
Average CLO power consumption	– W W W
Inrush current	18 A
Inrush time	0.25 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	24

Temperature

Ambient temperature range	+10 to +40 ℃

Controls and Dimming

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

Mechanical and Housing

Housing Material	Metal–Plastic
Reflector material	Aluminum
Optic material	Polycarbonate
Optical cover material	Polymethyl methacrylate
Fixation material	–
Housing Color	Black

Optical cover finish	Clear
Overall length	292 mm
Overall width	119 mm
Overall height	275 mm
Dimensions (Height x Width x Depth)	275 x 119 x 292 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 ℃
Maximum dim level	Not applicable
Suitable for random switching	Yes

Product Data

Order product name	ST750T LED27S/CH PSU WB BK LIN
Full product name	ST750T LED27S/CH PSU WB BK LIN
Full product code	871869939946700
Order code	910500465325
Material Nr. (12NC)	910500465325
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718699399467
Numerator – Packs per outer box	1
EAN/UPC – Case	8718699399467

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Dimensional drawing