

StyliD

ST750T LED49S/840 PSU VWB WH

STYLID PERFORMANCE G3 TRACK, LED module, system flux 4900 lm, 840 neutral white, Power supply unit, DC compatible for central emergency lighting, Very 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. 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	LED49S [LED module, system flux 4900 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 30 s
EU RoHS compliant	Yes

Light Technical	
Luminous Flux	4,050 lm
Correlated Color Temperature (Nom)	4000 K

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Luminous Efficacy (rated) (Nom)	101.25 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Very wide beam
Optical cover type	-
Luminaire light beam spread	54°

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	23.5 A
Inrush time	0.272 ms
Power Consumption	40 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	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	Aluminum
Optic material	Polycarbonate
Optical cover material	Polymethyl methacrylate
Fixation material	-
Housing Color	White
Optical cover finish	Clear

Overall length	292 mm
Overall width	119 mm
Overall height	220 mm
Dimensions (Height x Width x Depth)	220 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	(0.38, 0.38) 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

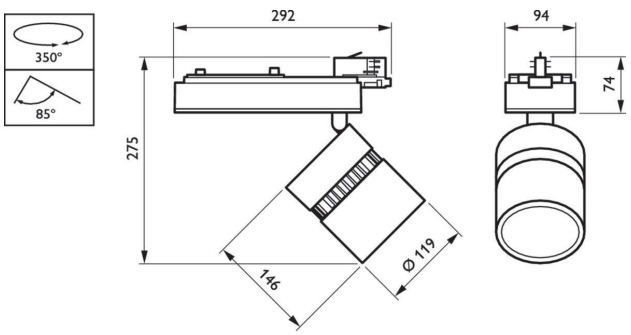
Application Conditions

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

Product Data

Order product name	ST750T LED49S/840 PSU VWB WH
Full product name	ST750T LED49S/840 PSU VWB WH
Full product code	871869684865400
Order code	910500457388
Material Nr. (12NC)	910500457388
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696848654
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696848654

Dimensional drawing





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2023, September 4 - data subject to change