StyliD

ST750T LED49S/830 PSU WB BK

STYLID PERFORMANCE G3 TRACK, LED module, system flux 4900 lm, 830 warm white, 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.

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

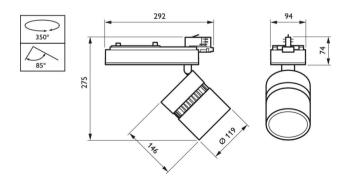|	
Luminous Flux	4,900 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	122.5 lm/W
Color rendering index (CRI)	≥80

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Number of light sources	1		Overall width	119 mm
Beam angle of light source	120 degree(s)		Overall height	220 mm
Light source color	830 warm white		Dimensions (Height x Width x Depth)	220 x 119 x 292 mm
Optic type	Wide beam			
Optical cover type	–		**Approval and Application**	
Luminaire light beam spread	30°		Ingress protection code	IP20 [Finger-protected]
			Mech. impact protection code	IK02 [0.2 J standard]
Operating and Electrical			Protection class IEC	Safety class II
Input Voltage	220 to 240 V			
Line Frequency	50 to 60 Hz		**Initial Performance (IEC Compliant)**	
Inrush current	23.5 A		Luminous flux tolerance	+/–10%
Inrush time	0.272 ms		Initial chromaticity	(0.43, 0.40) SDCM <3
Power Consumption	40 W		Power consumption tolerance	+/–10%
Power Factor (Fraction)	0.9			
Connection	Push-in connector and pull relief		**Over Time Performance (IEC Compliant)**	
Cable	–		Control gear failure rate at median useful life 50000 h	5 %
Number of products on MCB of 16 A type B	24		Lumen maintenance at median useful life* 50000 h	L80
Temperature				
Ambient temperature range	+10 to +40 ℃		**Application Conditions**	
			Performance ambient temperature Tq	25 ℃
Controls and Dimming			Suitable for random switching	Yes
Dimmable	No			
Driver/power unit/transformer	Power supply unit, DC compatible for central emergency lighting		**Product Data**	
			Order product name	ST750T LED49S/830 PSU WB BK
Constant light output	No		Full product name	ST750T LED49S/830 PSU WB BK
			Full product code	871869684860900
Mechanical and Housing			Order code	84860900
Housing Material	Metal–Plastic		Material Nr. (12NC)	910500457383
Reflector material	Aluminum		Numerator – Quantity Per Pack	1
Optic material	Polycarbonate		EAN/UPC – Product/Case	8718696848609
Optical cover material	Polymethyl methacrylate		Numerator – Packs per outer box	1
Fixation material	–		EAN/UPC – Case	8718696848609
Housing Color	Black			
Optical cover finish	Clear			
Overall length	292 mm			

Dimensional drawing

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