StoreFlow

ST762T 27S/830 DIA BK

StoreFlow Double, 45.5 W, Power supply unit with DALI interface, Double asymmetric optic, 70° x 37°

Philips StoreFlow is designed to provide the optimal light effect for shelf lighting or aisle lighting, so retailers can create an appealing ambience in store. The organic, natural design of the luminaire blends easily into the store environment, while the indirect PerfectAccent optics avoid glare and support a highly energy-efficient lighting installation. StoreFlow shelf lighting is made using bio-based plastics and offers easy serviceability of the LED, driver and optic, resulting in a low carbon footprint and meets the requirements of a Circular product. This high contrast lighting is available with a single-spot head (ST761T) that's ideal for the peripheral areas of the store, or as a double-spot head (ST762T) version, which is perfect for aisle lighting.

Warnings and Safety

- Cleaning of the optic should only be done with pressurized air. Touching the LED or reflector is forbidden.
- During maintenance, the product must be switched off and cooled down
- The product must be installed out of arm's reach. Manipulating the product when hot is only possible with an insulated glove
- With regards to damage factor, LED luminaires offer an improvement over conventional light sources, but may still cause color fading because even with no IR or UV in the light beam, light itself is a source of energy. To minimize the risk, avoid light levels of <gt/>1000 lx.

Product data

General Information			
Light source replaceable	No	Value ladder	Performance
Number of gear units	2 units	CE mark	Yes
Driver included	Yes	Warranty period	5 years
Product family code	ST762T [StoreFlow Double]	Flammability mark	–
Lighting Technology	LED	ENEC mark	ENEC mark
		Glow-wire test	Temperature 650 °C, duration 30 s

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EU RoHS compliant	Yes		Overall length	250 mm
			Overall width	169 mm
Light Technical			Overall height	229 mm
Luminous Flux	6,000 lm		Dimensions (Height x Width x Depth)	229 x 169 x 250 mm
Saturated Red (R9)	>50			
Correlated Color Temperature (Nom)	3000 K		**Approval and Application**	
Luminous Efficacy (rated) (Nom)	132 lm/W		Ingress protection code	IP20 [Finger-protected]
Color rendering index (CRI)	>80		Mech. impact protection code	IK02 [0.2 J standard]
Beam angle of light source	120 degree(s)		Sustainability rating	Lighting for circularity
Light source color	830 warm white, 840 neutral white		Protection class IEC	Safety class II
Optic type	Double asymmetric optic		Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Luminaire light beam spread	70° x 37°			
Unified glare rating CEN	Not applicable			
			Initial Performance (IEC Compliant)	
Operating and Electrical			Luminous flux tolerance	–10% / +10%
Input Voltage	220/240 V		Initial chromaticity	–
Line Frequency	50 to 60 Hz		Power consumption tolerance	+/–10%
Inrush current	18 A			
Inrush time	0.25 ms		**Over Time Performance (IEC Compliant)**	
Power Consumption	45.5 W		Control gear failure rate at median useful life 50000 h	10 %
Power Factor (Fraction)	0.9			
Connection	Track		Lumen maintenance at median useful life* 50000 h	L80
Cable	–			
Number of products on MCB of 16 A type B	17			
			Application Conditions	
Temperature			Performance ambient temperature Tq	25 ℃
Ambient temperature range	0 to +35 ℃		Maximum dim level	1%
			Suitable for random switching	No
Controls and Dimming				
Dimmable	DALI		**Product Data**	
Driver/power unit/transformer	Power supply unit with DALI interface		Order product name	ST762T 27S/830 DIA BK
Control interface	DALI		Full product name	ST762T 27S/830 DIA BK
Constant light output	No		Full product code	872016901161800
			Order code	910505102523
Mechanical and Housing			Material Nr. (12NC)	910505102523
Housing Material	Aluminum die cast		Numerator – Quantity Per Pack	1
Reflector material	Polycarbonate aluminum coated		EAN/UPC – Product/Case	8720169011618
Optic material	Aluminum and polycarbonate		Numerator – Packs per outer box	1
Optical cover material	Polycarbonate		EAN/UPC – Case	8720169011618
Fixation material	–			
Housing Color	Black			
Optical cover finish	–			

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Dimensional drawing

www.lighting.philips.com

2023, October 16 – data subject to change