PHILIPS Lighting



StoreFlow

ST762T 49S/PW930 DIA BK

StoreFlow Double, 77 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/>logt/>1000 lx.

Product data

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

StoreFlow

EU RoHS compliant	Yes	
Light Technical		
Luminous Flux	9,400 lm	
Saturated Red (R9)	>50	
Correlated Color Temperature (Nom)	3000 K	
Luminous Efficacy (rated) (Nom)	122 lm/W	
Color rendering index (CRI)	>90	
Beam angle of light source	120 degree(s)	
Light source color	PremiumWhite with CRI ≥90, and color	
	temperature 3000K	
Optic type	Double asymmetric optic	
Luminaire light beam spread	70° x 37°	
Unified glare rating CEN	Not applicable	
Operating and Electrical		
Input Voltage	220/240 V	
Line Frequency	50 to 60 Hz	
Inrush current	18 A	
Inrush time	0.25 ms	
Power Consumption	77 W	
Power Factor (Fraction)	0.9	
Connection	Track	
Cable	-	
Number of products on MCB of 16 A type B	17	
Temperature		
Ambient temperature range	0 to +35 ℃	
Controls and Dimming		
Dimmable	DALI	
Driver/power unit/transformer	Power supply unit with DALI interface	
Control interface	DALI	
Constant light output	No	
Mechanical and Housing		
Housing Material	Aluminum die cast	
Reflector material	Polycarbonate aluminum coated	

Dimensions (Height x Width x Depth)	229 x 169 x 250 mm	
Approval and Application		
Ingress protection code	IP20 [Finger-protected]	
Mech. impact protection code	IK02 [0.2 J standard]	
Sustainability rating	Lighting for circularity	
Protection class IEC	Safety class II	
Photobiological risk	Photobiological risk group 1@200mm to	
	EN62778	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	-10% / +10%	
Initial chromaticity	-	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant)		

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250 mm

169 mm

229 mm

Optical cover finish

Overall length

Overall width

Overall height

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

Application Conditions Performance ambient temperature Tq 25 °C 1% Maximum dim level

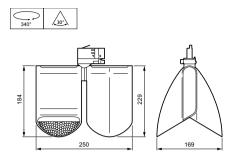
Maximum dim level	170	
Suitable for random switching	No	
Product Data		

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Housing Material	Aluminum die cast
Reflector material	Polycarbonate aluminum coated
Optic material	Aluminum and polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	Black

StoreFlow

Dimensional drawing





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