PHILIPS Lighting



StoreFlow

ST762T 49S/PW940 DIA WH

StoreFlow Double, 75 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
Light source replaceable	No	CE mark
Number of gear units	2 units	Warranty period
Driver included	Yes	Flammability mark
Product family code	ST762T [StoreFlow Double]	ENEC mark
Lighting Technology	LED	Glow-wire test

Performance Yes 5 years

ENEC mark

Temperature 650 °C, duration 30 s

StoreFlow

EU RoHS compliant	Yes
Light Technical	
Luminous Flux	10,100 lm
Saturated Red (R9)	>50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	135 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 4000K
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	75 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 °C
Controls and Dimming	
Dimmable	DALI
A	

Power supply unit with DALI interface

Polycarbonate aluminum coated

Aluminum and polycarbonate

DALI

Aluminum die cast

Polycarbonate

No

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White

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)			
Control gear failure rate at median useful life	10 %		
50000 h			
Lumen maintenance at median useful life*	L80		
50000 h			
Application Conditions			
Performance ambient temperature Tq	25 °C		
Maximum dim level	1%		

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250 mm

169 mm

229 mm

229 x 169 x 250 mm

Optical cover finish

Overall length

Overall width

Overall height

Dimensions (Height x Width x Depth)

	175
Suitable for random switching	No
Product Data	
Order product name	ST762T 49S/PW940 DIA WH
Full product name	ST762T 49S/PW940 DIA WH
Full product code	872016901177900
Order code	910505102539
Material Nr. (12NC)	910505102539
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169011779
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169011779

Driver/power unit/transformer

Mechanical and Housing

Control interface

Housing Material

Reflector material

Fixation material

Housing Color

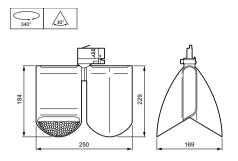
Optical cover material

Optic material

Constant light output

StoreFlow

Dimensional drawing





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