



# StoreFlow

## ST762T 49S/PW940 DIA WH

StoreFlow, Track flood (double), 77 W, 9800 lm, PremiumWhite, 4000 K, CRI>90, DALI, Interact Ready, Double asymmetric optic, White

Track flood (double), Aluminum, White, Dali dimming Interact System ready, 9800 lm, 77 W, 128 lm/W, PremiumWhite, 4000 K, (0.374,0.364)<2, CRI>90, Double asymmetric optic, IP20 | Finger-protected, IK02 | 0.2 J standard, Safety class II, 3C Track

### 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 over 1000 lx.
- ST761T Storeflow with 1 spothead should always be installed in line with the track if a suspension wire is used. Installation under an angle is only allowed on a track with rigid suspension to avoid tilting the track

### Product data

General Information		Warranty period	
Light source replaceable	No	5 years	
Number of gear units	2 units	Light Technical	
Driver included	Yes	Luminous Flux	9,800 lm
Service tag	Yes	Correlated Color Temperature (Nom)	4000 K
Lighting Technology	LED	Luminous Efficacy (rated) (Nom)	128 lm/W
Value ladder	Performance	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	22

## Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	18 A
Inrush time	250 ms
Power Consumption	77 W
Power Factor (Fraction)	0.9
Connection	3C Track
Cable	-
Number of products on MCB of 16 A type B	17
Suitable for random switching	No
Protection class IEC	Safety class II
Total harmonic distortion	20 %

## Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Dali dimming Interact System ready
Control interface	DALI
Constant light output	No
DALI Standard	DALI-2™ with extended data: Parts 251/252/253
Maximum dim level	1%
Connectivity	Interact Ready

## Mechanical and Housing

Housing Material	Aluminum
Reflector material	Polycarbonate aluminum coated
Optic material	Aluminum and polycarbonate
Optical cover material	-
Fixation material	-
Housing Color	White
Optical cover finish	-
Overall length	250 mm
Overall width	169 mm
Overall height	229 mm
Overall diameter	0 mm
Dimensions (Height x Width x Depth)	229 x 169 x 250 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	1.600 kg

## Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes

ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.5
Ambient temperature range	+10 to +35 °C

## Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.374,0.364)<2
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤2

## Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	10 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

## Sustainability Data

Sustainability rating	Signify Circle
Repair class	Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time.
Embedded carbon (A1-A3)	18.8 kg CO <sub>2</sub> e
Product non-virgin material ratio	26.1 %
Recyclable content ratio of the finished product	45.9 %
GWP total B6 (kg CO <sub>2</sub> eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO <sub>2</sub> eq / kWh)
GWP total B6 (kg CO <sub>2</sub> eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) /lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO <sub>2</sub> eq / kWh)

## Product Data

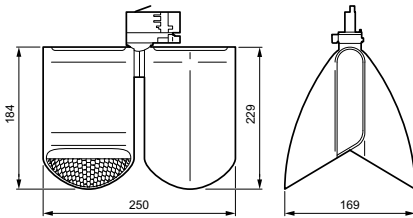
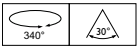
Order product name	ST762T 49S/PW940 DIA WH
Full product name	ST762T 49S/PW940 DIA WH
Full product code	872016901177900

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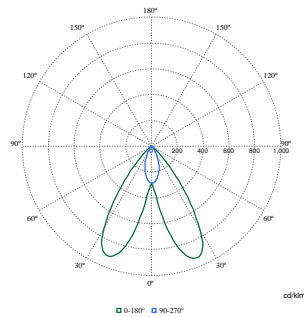
Order code	01177900
Material Nr. (12NC)	910505102539
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169011779
Numerator - Packs per outer box	1

EAN/UPC - Case	8720169011779
Product family code	ST762T [StoreFlow Double]

## Dimensional drawing



## Photometric data



Polar Normal (separate) - ST760TI - 910505102539

