StoreFlow

ST762T 39S/PW940 DIA WH

StoreFlow Double, 66 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 ℃, duration 30 s

StoreFlow

EU RoHS compliant	Yes

Light Technical

Luminous Flux	9,000 lm
Saturated Red (R9)	>50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	136 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	66 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
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
Optic material	Aluminum and polycarbonate
Optical cover material	Polycarbonate
Fixation material	–
Housing Color	White

Optical cover finish	–
Overall length	250 mm
Overall width	169 mm
Overall height	229 mm
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)

Control gear failure rate at median useful life 50000 h	10 %
Lumen maintenance at median useful life* 50000 h	L80

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	No

Product Data

Order product name	ST762T 39S/PW940 DIA WH
Full product name	ST762T 39S/PW940 DIA WH
Full product code	872016901170000
Order code	910505102532
Material Nr. (12NC)	910505102532
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8720169011700
Numerator – Packs per outer box	1
EAN/UPC – Case	8720169011700

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Dimensional drawing

www.lighting.philips.com

2023, October 16 – data subject to change