



StoreFlow

ST762T 39S/PW935 WIA SI

StoreFlow Double, 68 W, Wireless driver Interact System-ready, Double asymmetric optic, 70° x 37°

Philips StoreFlow is designed to provide an 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 shop 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, thus meeting 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 shop, or as a double-spot head (ST762T) version, which is perfect for aisle lighting.

Warnings and Safety

- Optic cleaning should only be done with pressurised air. Do not touch the LED or reflector.
- 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 regard to damage, LED luminaires offer an improvement over conventional light sources, but may still cause colour fading because even with no IR or UV in the light beam, light itself is a source of energy. To minimise the risk, avoid light levels of >1,000 lx.

Product data

General Information		Value ladder	Performance
Light source replaceable	No	CE mark	CE mark
Number of gear units	2 units	Warranty period	5 years
Driver included	Yes	Flammability mark	For mounting on normally flammable surfaces
Product family code	ST762T [StoreFlow Double]	ENEC mark	ENEC mark
Lighting Technology	LED		

Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes

Light Technical

Luminous Flux	7,800 lm
Correlated Colour Temperature	3500 K
Luminous efficacy (rated) (nom.)	128 lm/W
Colour rendering index (CRI)	90
Flickering value (PstLM)	1
Stroboscopic effect	0.5
Beam angle of light source	120 degree(s)
Light source colour	PremiumWhite with CRI ≥90 and colour temperature 3,500 K
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	4.8 A
Inrush time	56 ms
Power Consumption	68 W
Power Factor (Fraction)	0.9
Connection	3C Track
Cable	-
Number of products on MCB of 16 A type B	50

Temperature

Ambient temperature range	+10 to +35 °C
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Controls and Dimming

Dimmable	Wireless Dim
Driver/power unit/transformer	Wireless driver Interact System-ready
Constant light output	No

Mechanical and Housing

Housing material	Aluminium
Reflector material	Aluminium and polycarbonate
Optic material	Aluminium and polycarbonate
Optical cover/lens material	-
Fixation material	-
Housing Colour	Silver
Optical cover/lens 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%
Initial chromaticity	(0.398,0.376)<2
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	1.7 %
Control gear failure rate at median useful life 100,000 h	3.1 %
Lumen maintenance at median useful life* 50,000 h	5.6
Lumen maintenance at median useful life* 100,000 h	13.5

Application Conditions

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

Product Data

Order product name	ST762T 39S/PW935 WIA SI
Full product name	ST762T 39S/PW935 WIA SI
Full EOC	872016901169400
Order code	01169400
Material no. (12 NC)	910505102531
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169011694
Numerator – packs per outer box	1
EAN/UPC – Case	8720169011694

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Dimensional drawing

