



# StoreFlow

## ST762T 39S/PW935 WIA SI

StoreFlow, Track flood (double), 65 W, 8400 lm, PremiumWhite, 3500 K, CRI>90, Wireless, Interact Ready, Double asymmetric optic, Silver

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

- 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 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 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      |    | Number of gear units | 2 units |
|--------------------------|----|----------------------|---------|
| Light source replaceable | No | Driver included      | Yes     |

|                       |  |
|-----------------------|--|
| Service Tag           | Yes  |
| Lighting Technology   | LED  |
| Value ladder          | Performance  |
| Serviceability class  | Class A, the luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge-protection device, optics, front cover and mechanical parts |
| Warranty period       | 5 years  |
| Sustainability rating | Signify Circle   |

### Light Technical

|                                     |  |
|-------------------------------------|--|
| Luminous Flux                       | 8,400 lm   |
| Correlated Colour Temperature (Nom) | 3500 K   |
| Luminous efficacy (rated) (nom.)    | 129 lm/W   |
| Colour rendering index (CRI)        | >90  |
| 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                       | 65 W            |
| Power Factor (Fraction)                 | 0.9             |
| Connection                              | 3C Track        |
| Cable                                   | -               |
| Number of products on MCB (16 A type B) | 25              |
| Suitable for random switching           | No              |
| Protection class IEC                    | Safety class II |
| Total harmonic distortion               | 20 %            |

### Controls and Dimming

|                               |                                       |
|-------------------------------|---------------------------------------|
| Dimmable                      | Yes                                   |
| Driver/power unit/transformer | Wireless driver Interact System-ready |
| Control interface             | Wireless                              |
| Constant light output         | No                                    |
| Maximum dim level             | 1%                                    |
| Connectivity                  | Interact Ready                        |

### 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                  |
| 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)           | 1  |
| Stroboscopic effect                | 0.5  |
| Ambient temperature range          | +10 to +35 °C                                  |

### Initial Performance (IEC Compliant)

|  |                 |
|--|-----------------|
| Luminous flux tolerance                                | +/-10%          |
| Initial chromaticity                                   | (0.398,0.376)<2 |
| Power consumption tolerance                            | +/-10%          |
| Standard Deviation of Colour Matching (McAdam ellipse) | SDCM≤2          |

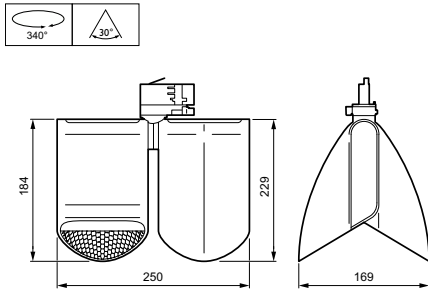
### Over Time Performance (IEC Compliant)

|  |      |
|--|------|
| Control gear failure rate at median useful life 50,000 h             | 10 % |
| Control gear failure rate at median useful life 100,000 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  |

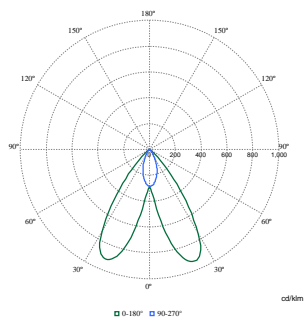
### Product Data

|                                 |                           |
|---------------------------------|---------------------------|
| Order product name              | ST762T 39S/PW935 WIA SI   |
| Full product name               | ST762T 39S/PW935 WIA SI   |
| Full EOC                        | 872016901169400           |
| Order code                      | 910505102531              |
| Material no. (12 NC)            | 910505102531              |
| Numerator – quantity per pack   | 1                         |
| EAN/UPC – Product/Case          | 8720169011694             |
| Numerator – packs per outer box | 1                         |
| EAN/UPC - Case                  | 8720169011694             |
| Product family code             | ST762T [StoreFlow Double] |

## Dimensional drawing



## Photometric data



Polar Normal (separate) - ST760TI - 910505102531

