



# 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 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  $>1000$  lx.

### Product data

| General Information      |                           | Lighting Technology |             |
|--------------------------|---------------------------|---------------------|-------------|
| 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   | -           |
| Connectivity             | Interact Ready            | ENEC mark           | ENEC mark   |

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

#### Light Technical

|                                    |                                                       |
|------------------------------------|-------------------------------------------------------|
| Luminous Flux                      | 8,700 lm                                              |
| Saturated Red (R9)                 | >50                                                   |
| Correlated Color Temperature (Nom) | 3500 K                                                |
| Luminous Efficacy (rated) (Nom)    | 128 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 3500K |
| 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                           | 4.8 A       |
| Inrush time                              | 0.056 ms    |
| Power Consumption                        | 68 W        |
| Power Factor (Fraction)                  | 0.9         |
| Connection                               | Track       |
| Cable                                    | -           |
| Number of products on MCB of 16 A type B | 25          |

#### Temperature

|                           |             |
|---------------------------|-------------|
| Ambient temperature range | 0 to +35 °C |
|---------------------------|-------------|

#### Controls and Dimming

|                               |                                       |
|-------------------------------|---------------------------------------|
| Dimmable                      | Wireless Dim                          |
| Driver/power unit/transformer | Wireless driver Interact System ready |
| Control interface             | InterAct Pro                          |
| 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          | Gray                          |

|                                     |                    |
|-------------------------------------|--------------------|
| 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 | 10 % |
| 50000 h                                         |      |
| Lumen maintenance at median useful life*        | L80  |
| 50000 h                                         |      |

#### 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 product code               | 872016901169400         |
| Order code                      | 910505102531            |
| Material Nr. (12NC)             | 910505102531            |
| Numerator - Quantity Per Pack   | 1                       |
| EAN/UPC - Product/Case          | 8720169011694           |
| Numerator - Packs per outer box | 1                       |
| EAN/UPC - Case                  | 8720169011694           |

## Dimensional drawing

