# The ultimate in retail flexibility and performance

## StyliD Evo

With StyliD Evo, retailers can enjoy the superior quality of light and market-leading energy efficiency of PerfectAccent optics in a series of flexible and future-proof projectors. StyliD Evo projectors are easy to reconfigure with quick and easy optic upgrades that require no tools. They also support frequent changes in store layouts, as the StyliD Evo projector can be easily repositioned on the track or Maxos fusion backbone. Covering a wide range of lighting applications, from lower light levels in convenience formats to high-ceiling installations where very high light output is required, StyliD offers continuity for every retail concept. StyliD Evo can be mounted on 3C or DALI track (ST770T, ST780T), on Maxos fusion (ST770S, ST780S, ST770X), or into the ceiling with a semi-recessed version (ST770B). All StyliD Evo projectors with PerfectAccent reflectors are certified as a circular lighting product and offer multiple system integration and dimming options, including wired as well as wireless. For prolonged shelf life and better visual representation of food, reducing food waste and increasing sales, fresh food LED lighting recipes are available. Check out our Fashion and Food catalog pages to find out more about PremiumWhite, PremiumColor, Fresh Meat, Rosé, Frost and Champagne.

**Benefits**
- Attract shoppers with more sparkle and superior eye comfort
- Easy to reposition and upgrade for frequent store updates
- Best-in class efficacy to reduce carbon footprint and save on energy use
- Certified as circular lighting with PerfectAccent high-efficacy reflectors

# StyliD Evo

## Features

· Easy optic replacement or upgrades that require no tools
· Available with PerfectAccent high-efficacy reflectors
· Optional front glass (advised in dusty environments)
· Up to 6000 lm output for high installation heights
· Available with fresh food LED lighting recipes and LED flavors
· Wired (DALI) and wireless connectivity options
· High intensity oval beam allows increased luminaire spacing when lighting fresh
  food counters or wordmarks on the wall

## Application

· Convenience stores
· Supermarkets & hypermarkets
· Large Retail formats

## Warnings and Safety

· All photometrical data is calculated without optional front glass. Flux should be reduced by 3.5% when using a front glass
· Cleaning of the optic should only be done with pressurized air. Touching the LED or reflector is forbidden. For food preparation
  areas and areas with high levels of dust, the use of the optional front glass is strongly advised, as it can be cleaned with a (dry)
  microfiber cloth.
· 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

## Dimensional drawing
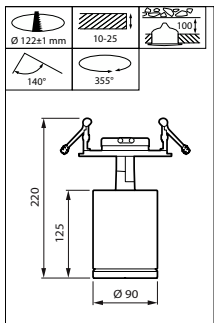


## Product details



**StyliD Evo ST770B semi recessed installation rim**

# StyliD Evo

## General Information

| | |
|---|---|
| Driver included | Yes |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Service tag | Yes |

## Light Technical

| | |
|---|---|
| Beam angle of light source | 120 degree(s) |
| Correlated Color Temperature (Nom) | 3000 K |
| Number of light sources | 1 |
| Optic type | Oval horizontal beam |

## Operating and Electrical

| | |
|---|---|
| Protection class IEC | Safety class II |
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Suitable for random switching | No |

## Controls and Dimming

| | |
|---|---|
| Dimmable | No |

## Mechanical and Housing

| | |
|---|---|
| Optical cover type | – |
| Housing Color | White |
| Mech. impact protection code | IK02 |
| Ingress protection code | IP20 |

## Approval and Application

| | |
|---|---|
| Ambient temperature range | +10 to +35 °C |
| CE mark | Yes |
| ENEC mark | ENEC mark |
| Flammability mark | For mounting on normally flammable surfaces |
| Glow-wire test | Temperature 650 °C, duration 30 s |
| Flickering value (PstLM) – Flickering value as per EN 61000-3-3 | 1 |
| Stroboscopic effect visibility measure (SVM) | 0.5 |

## Initial Performance (IEC Compliant)

| | |
|---|---|
| Luminous flux tolerance | +/-10% |

## Over Time Performance (IEC Compliant)

| | |
|---|---|
| Driver failure rate at 5000 h | 1 % |

## Product Data

| | |
|---|---|
| Product family code | ST770B |

## General Information

| Order Code | Full Product Name | Lamp family code |
|---|---|---|
| 910500465998 | ST770B LED27S/830 PSU-E OVL-H WH | LED27S |
| 910505100014 | ST770B LED39S/930 PSU-E OVL-H WH | LED39S |

## Light Technical

# StyliD Evo

| Order Code | Full Product Name | Color rendering index (CRI) | Luminous Efficacy (rated) (Nom) | Luminous Flux |
|---|---|---|---|---|
| 910500465998 | ST770B LED27S/830 PSU–E OVL–H WH | >80 | 121 lm/W | 2,700 lm |

| Order Code | Full Product Name | Color rendering index (CRI) | Luminous Efficacy (rated) (Nom) | Luminous Flux |
|---|---|---|---|---|
| 910505100014 | ST770B LED39S/930 PSU–E OVL–H WH | >90 | 124 lm/W | 3,850 lm |

## Operating and Electrical

| Order Code | Full Product Name | Power Consumption |
|---|---|---|
| 910500465998 | ST770B LED27S/830 PSU–E OVL–H WH | 23.5 W |

| Order Code | Full Product Name | Power Consumption |
|---|---|---|
| 910505100014 | ST770B LED39S/930 PSU–E OVL–H WH | 31 W |

## Initial Performance (IEC Compliant)

| Order Code | Full Product Name | Initial chromaticity |
|---|---|---|
| 910500465998 | ST770B LED27S/830 PSU–E OVL–H WH | (0.434,0.403)<3 |

| Order Code | Full Product Name | Initial chromaticity |
|---|---|---|
| 910505100014 | ST770B LED39S/930 PSU–E OVL–H WH | (0.434,0.403)<2 |

## Polar Wide Diagrams
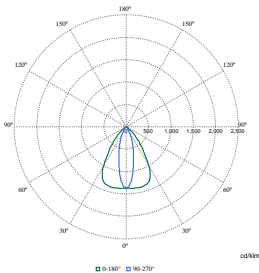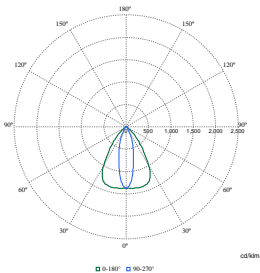


**Polar Normal (separate) – ST770TI – 910500465998**



**Polar Normal (separate) – ST770TI – 910505100014**

www.lighting.philips.com

2024, November 27 – data subject to change