



# StyliD Evo

## ST770T LED39S/PC930 PSU MB BK

StyliD Evo Compact, 1, LED Module, system flux 3900 lm, 41 W, Power supply unit (On/Off), Medium beam

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.

### 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

### Product data

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| General Information      |                                             |
|--------------------------|---------------------------------------------|
| Lamp family code         | LED39S [LED Module, system flux 3900 lm]    |
| Light source replaceable | No                                          |
| Number of gear units     | 1 unit                                      |
| Driver included          | Yes                                         |
| Product family code      | ST770T [StyliD Evo Compact]                 |
| Lighting Technology      | LED                                         |
| Value ladder             | Specification                               |
| CE mark                  | Yes                                         |
| Warranty period          | 5 years                                     |
| Flammability mark        | For mounting on normally flammable surfaces |
| ENEC mark                | ENEC mark                                   |
| Glow-wire test           | Temperature 650 °C, duration 30 s           |
| EU RoHS compliant        | Yes                                         |

| Light Technical                    |                            |
|------------------------------------|----------------------------|
| Luminous Flux                      | 3,900 lm                   |
| Correlated Color Temperature (Nom) | 3000 K                     |
| Luminous Efficacy (rated) (Nom)    | 95 lm/W                    |
| Color rendering index (CRI)        | ≥90                        |
| Number of light sources            | 1                          |
| Beam angle of light source         | 120 degree(s)              |
| Light source color                 | Premium color with CRI ≥90 |
| Optic type                         | Medium beam                |
| Optical cover type                 | -                          |
| Luminaire light beam spread        | -                          |
| Unified glare rating CEN           | Not applicable             |

| Operating and Electrical                 |                                   |
|------------------------------------------|-----------------------------------|
| Input Voltage                            | 220 to 240 V                      |
| Line Frequency                           | 50 to 60 Hz                       |
| Initial CLO power consumption            | - W W                             |
| Average CLO power consumption            | - W W                             |
| End CLO power consumption                | - W                               |
| Inrush current                           | 18 A                              |
| Inrush time                              | 250 ms                            |
| Power Consumption                        | 41 W                              |
| Power Factor (Fraction)                  | 0.9                               |
| Connection                               | Push-in connector and pull relief |
| Cable                                    | -                                 |
| Number of products on MCB of 16 A type B | 30                                |

| Temperature               |               |
|---------------------------|---------------|
| Ambient temperature range | +10 to +35 °C |

| Controls and Dimming |    |
|----------------------|----|
| Dimmable             | No |

|                               |                            |
|-------------------------------|----------------------------|
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Constant light output         | No                         |

| Mechanical and Housing              |                               |
|-------------------------------------|-------------------------------|
| Housing Material                    | Metal-Plastic                 |
| Reflector material                  | Polycarbonate aluminum coated |
| Optic material                      | Polycarbonate                 |
| Optical cover material              | Polymethyl methacrylate       |
| Fixation material                   | -                             |
| Housing Color                       | Black                         |
| Optical cover finish                | Clear                         |
| Overall length                      | 210 mm                        |
| Overall width                       | 90 mm                         |
| Overall height                      | 275 mm                        |
| Dimensions (Height x Width x Depth) | 275 x 90 x 210 mm             |

| Approval and Application     |                         |
|------------------------------|-------------------------|
| Ingress protection code      | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard]   |
| Protection class IEC         | Safety class II         |

| Initial Performance (IEC Compliant) |                        |
|-------------------------------------|------------------------|
| Luminous flux tolerance             | +/-10%                 |
| Initial chromaticity                | (0.422, 0.386) SDCM <3 |
| Power consumption tolerance         | +/-10%                 |

| Over Time Performance (IEC Compliant)                   |     |
|---------------------------------------------------------|-----|
| Driver failure rate at 5000 h                           | 1 % |
| Control gear failure rate at median useful life 50000 h | 5 % |
| Lumen maintenance at median useful life* 50000 h        | L80 |

| Application Conditions             |       |
|------------------------------------|-------|
| Performance ambient temperature Tq | 25 °C |
| Suitable for random switching      | Yes   |

| Product Data                    |                               |
|---------------------------------|-------------------------------|
| Order product name              | ST770T LED39S/PC930 PSU MB BK |
| Full product name               | ST770T LED39S/PC930 PSU MB BK |
| Full product code               | 871869940549600               |
| Order code                      | 910500465453                  |
| Material Nr. (12NC)             | 910500465453                  |
| Numerator - Quantity Per Pack   | 1                             |
| EAN/UPC - Product/Case          | 8718699405496                 |
| Numerator - Packs per outer box | 1                             |
| EAN/UPC - Case                  | 8718699405496                 |

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## Dimensional drawing

