



StyliD Evo

ST770B 27S/830 DIA-VLC-E MB FG BK

StyliD Evo Semi Recessed, 23.5 W, Power supply unit with DALI interface, Visual Light Communication (VLC) ready (integrated), Medium beam, 24°

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

StyliD Evo

| General Information | |
|------------------------------------------|---------------------------------------------|
| Light source replaceable | No |
| CE mark | Yes |
| Number of gear units | 1 unit |
| Driver included | Yes |
| Flammability mark | For mounting on normally flammable surfaces |
| Glow-wire test | Temperature 650 °C, duration 30 s |
| Warranty period | 5 years |
| Product family code | ST770B [StyliD Evo Semi Recessed] |
| Lighting Technology | LED |
| ENEC mark | ENEC mark |
| EU RoHS compliant | Yes |
| Value ladder | Specification |
| Application Conditions | |
| Maximum dim level | 1% |
| Performance ambient temperature Tq | 25 °C |
| Suitable for random switching | Yes |
| Light Technical | |
| Luminous Flux | 2,700 lumen |
| Saturated Red (R9) | >50 |
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 115 lm/W |
| Color rendering index (CRI) | ≥80 |
| Beam angle of light source | 120 degree(s) |
| Light source color | 830 warm white |
| Optic type | Medium beam |
| Luminaire light beam spread | 24° |
| Unified glare rating CEN | Not applicable |
| Operating and Electrical | |
| Line Frequency | 50 to 60 Hz |
| Input Voltage | 220 to 240 V |
| Initial CLO power consumption | - W W |
| Average CLO power consumption | - W |
| Inrush current | 20.4 A |
| Inrush time | 195 ms |
| Power Consumption | 23.5 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector and pull relief |
| Cable | - |
| Number of products on MCB of 16 A type B | 24 |
| Temperature | |
| Ambient temperature range | +10 to +25 °C |
| Controls and Dimming | |
| Dimmable | Yes |

| Driver/power unit/transformer | Power supply unit with DALI interface, Visual Light Communication (VLC) ready (integrated) |
|---------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Control interface | DALI |
| Constant light output | No |
| Mechanical and Housing | |
| Housing Material | Aluminum extruded |
| Reflector material | Polycarbonate aluminum coated |
| Optic material | Polycarbonate |
| Optical cover/lens material | Tempered glass |
| Fixation material | - |
| Housing Color | Black RAL 9004 |
| Optical cover/lens finish | Clear |
| Overall length | 130 mm |
| Overall width | 180 mm |
| Overall height | 220 mm |
| Dimensions (Height x Width x Depth) | 220 x 180 x 130 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 |
| Initial Performance (IEC Compliant) | |
| Initial chromaticity | (0.434, 0.403) SDCM <3 |
| Luminous flux tolerance | +/-10% |
| Power consumption tolerance | +/-10% |
| Over Time Performance (IEC Compliant) | |
| Control gear failure rate at median useful life 50000 h | 5 % |
| Lumen maintenance at median useful life* 50000 h | L80 |
| Product Data | |
| Full product code | 871869997656900 |
| Order product name | ST770B 27S/830 DIA-VLC-E MB FG BK |
| Order code | 910505101210 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material Nr. (12NC) | 910505101210 |
| Full product name | ST770B 27S/830 DIA-VLC-E MB FG BK |
| EAN/UPC - Case | 8718699976569 |

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Dimensional drawing

