StyliD Evo

ST770T 39S/PW930 PSU MB FG BK

StyliD Evo Compact, 36 W, Power supply unit (On/Off), 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

data subject to change

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	ST770T [StyliD Evo Compact]
Lighting Technology	LED
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Value ladder	Specification

Application Conditions

Maximum dim level	Not applicable
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

Light Technical

Luminous Flux	3,900 lumen
Saturated Red (R9)	>50
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	108 lm/W
Color rendering index (CRI)	≥90
Beam angle of light source	120 degree(s)
Light source color	Premium white with CRI ≥90
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	12.6 A
Inrush time	250 ms
Power Consumption	36 W
Power Factor (Fraction)	0.9
Connection	Track
Cable	–
Number of products on MCB of 16 A type B	43

Temperature

Ambient temperature range	+10 to +25 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	–
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	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]
Sustainability rating	Lighting for circularity
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Initial chromaticity	(0.422, 0.386) SDCM <2
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	871869997717700
Order product name	ST770T 39S/PW930 PSU MB FG BK
Order code	910505101403
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	1
Material Nr. (12NC)	910505101403
Full product name	ST770T 39S/PW930 PSU MB FG BK
EAN/UPC – Case	8718699977177

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Dimensional drawing