



# **StyliD Evo**

## **ST770S 49S/830 DIA-VLC MB FG WH**

StyliD Evo Compact Maxos fusion, 37.5 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**

Datasheet, 2023, June 30 data subject to change

## **StyliD Evo**

Consul Information		Fire
General Information	LED	Fixat
Lighting Technology	LED	Hous
Driver included	Yes	Optio
Number of gear units	1 unit	Over
Value ladder	Specification	Over
Product family code	ST770S [StyliD Evo Compact Maxos fusion]	Over
Light source replaceable	No	Dime
Light Technical		Арр
Luminous Flux	4,900 lumen	Ingre
Saturated Red (R9)	>50	Mecl
Correlated Color Temperature (Nom)	3000 K	Sust
Luminous Efficacy (rated) (Nom)	131 lm/W	Prote
Color rendering index (CRI)	≥80	Glow
Beam angle of light source	120 degree(s)	Flam
Light source color	830 warm white	
Optic type	Medium beam	CE m
Luminaire light beam spread	24°	ENE
Unified glare rating CEN	Not applicable	Warı
		EU R
Operating and Electrical		
Input Voltage	220 to 240 V	Initi
Line Frequency	50 to 60 Hz	Lum
Input Frequency	50 to 60 Hz	Initia
Initial CLO power consumption	- W W	Pow
Average CLO power consumption	- W	
Inrush current	24.9 A	Ove
Inrush time	186 ms	Cont
Power Consumption	37.5 W	life 5
Power Factor (Fraction)	0.9	Lum
Connection	Track	500
Cable	-	
Number of products on MCB of 16 A type B	27	App
		Perf
Temperature		Max
Ambient temperature range	+10 to +25 °C	Suita
Controls and Dimming		Pro
Dimmable	Yes	Full
Driver/power unit/transformer	Power supply unit with DALI interface,	Orde
	Visual Light Communication (VLC) ready	Orde
	(integrated)	Num
Control interface	DALI	Num
Constant light output	No	Mate
		Full
Mechanical and Housing		EAN
Housing Material	Aluminum extruded	
Reflector material	Polycarbonate aluminum coated	
Optic material	Polycarbonate	F
Optical cover/lens material	Tempered glass	•
<u> </u>	· -	

Fixation material	-
Housing Color	White RAL 9003
Optical cover/lens finish	Clear
Overall length	210 mm
Overall width	90 mm
Overall height	220 mm
Dimensions (Height x Width x Depth)	220 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	-
Protection class IEC	Safety class II
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable
	surfaces
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
EU RoHS compliant	Yes

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.434, 0.403) SDCM <3
Power consumption tolerance	+/-10%

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

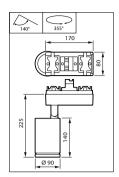
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

Product Data	
Full product code	871869997688000
Order product name	ST770S 49S/830 DIA-VLC MB FG WH
Order code	910505101373
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	910505101373
Full product name	ST770S 49S/830 DIA-VLC MB FG WH
EAN/UPC - Case	8718699976880



## **StyliD Evo**

### Dimensional drawing





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