



# **StyliD Evo**

## ST770T 49S/PW930 DIA-VLC VWB FG WH

StyliD Evo Compact, 40 W, Power supply unit with DALI interface, Visual Light Communication (VLC) ready (integrated), Verv wide beam. 60°

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**

General Information		Fixation ma
Lighting Technology	LED	Housing Co
Driver included	Yes	Optical cov
Number of gear units	1 unit	Overall len
Value ladder	Specification	Overall wid
Product family code	ST770T [StyliD Evo Compact]	Overall hei
Light source replaceable	No	Dimensions
Light Technical		Approval
Luminous Flux	4,500 lumen	Ingress pro
Saturated Red (R9)	>50	Mech. impa
Correlated Color Temperature (Nom)	3000 K	Sustainabil
Luminous Efficacy (rated) (Nom)	113 lm/W	Protection
Color rendering index (CRI)	≥90	Glow-wire
Beam angle of light source	120 degree(s)	Flammabili
Light source color	Premium white with CRI ≥90	
Optic type	Very wide beam	CE mark
Luminaire light beam spread	60°	ENEC mark
Unified glare rating CEN	Not applicable	Warranty p
	_	EU RoHS co
Operating and Electrical		
Input Voltage	220 to 240 V	Initial Per
Line Frequency	50 to 60 Hz	Luminous f
Input Frequency	50 to 60 Hz	Initial chro
Initial CLO power consumption	- W W	Power cons
Average CLO power consumption	- W	
Inrush current	24.9 A	Over Time
Inrush time	186 ms	Control gea
Power Consumption	40 W	life 50000
Power Factor (Fraction)	0.9	Lumen mai
Connection	Track	50000 h
Cable	-	
Number of products on MCB of 16 A type B	27	Application
		Performan
Temperature		Maximum
Ambient temperature range	+10 to +25 °C	Suitable fo
Controls and Dimming		Product [
Dimmable	Yes	Full produc
Driver/power unit/transformer	Power supply unit with DALI interface,	Order prod
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Visual Light Communication (VLC) ready	Order code
	(integrated)	Numerator
Control interface	DALI	Numerator
Constant light output	No	Material nu
		Full produc
Mechanical and Housing		EAN/UPC
——————————————————————————————————————		
Housing Material	Aluminum extruded	
	Polycarbonate aluminum coated	
Housing Material Reflector material Optic material		F

Fixation material	-
Housing Color	White RAL 9003
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	-
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
FU RoHS compliant	Yes

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.422, 0.386) SDCM <2
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		

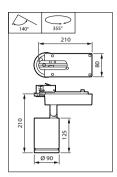
<b>Application Conditions</b>	
Performance ambient temperature Tq	25 ℃
Maximum dim level	Not applicable
Suitable for random switching	Yes

Product Data	
Full product code	871869997723800
Order product name	ST770T 49S/PW930 DIA-VLC VWB FG WH
Order code	910505101409
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	910505101409
Full product name	ST770T 49S/PW930 DIA-VLC VWB FG WH
EAN/UPC - Case	8718699977238



## **StyliD Evo**

### Dimensional drawing





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