



# **StyliD Evo**

## ST770T LED39S/827 PSD-VLC OVL-V WH

StyliD Evo Compact, 1, LED Module, system flux 3900 lm, 31.5 W, Power supply unit with DALI interface, DC compatible for central emergency lighting (integrated), Oval horizontal 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**

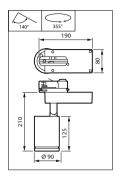
Datasheet, 2023, April 29 data subject to change

## **StyliD Evo**

General Information		Control interface	DALI
Lamp family code	LED39S [LED Module, system flux 3900	Constant light output	No
	lm]		
Light source replaceable	No	Mechanical and Housing	
Number of gear units	1 unit	Housing Material	Metal-Plastic
Driver included	Yes	Reflector material	Polycarbonate aluminum coated
Product family code	ST770T [StyliD Evo Compact]	Optic material	Polycarbonate
Lighting Technology	LED	Optical cover material	Polymethyl methacrylate
Value ladder	Specification	Fixation material	-
CE mark	Yes	Housing Color	White
Warranty period	5 years	Optical cover finish	Clear
Flammability mark	For mounting on normally flammable	Overall length	210 mm
	surfaces	Overall width	90 mm
ENEC mark	ENEC mark	Overall height	275 mm
Glow-wire test	Temperature 650 °C, duration 30 s	Dimensions (Height x Width x Depth)	275 x 90 x 210 mm
EU RoHS compliant	Yes		
		Approval and Application	
Light Technical		Ingress protection code	IP20 [Finger-protected]
Luminous Flux	3,750 lm	Mech. impact protection code	IK02 [0.2 J standard]
Correlated Color Temperature (Nom)	2700 K	Protection class IEC	Safety class I
Luminous Efficacy (rated) (Nom)	119 lm/W		
Color rendering index (CRI)	≥80	Initial Performance (IEC Compliant)	
Number of light sources	1	Luminous flux tolerance	+/-10%
Beam angle of light source	120 degree(s)	Initial chromaticity	(0.458, 0.410) SDCM <3
Light source color	827 warm white	Power consumption tolerance	+/-10%
Optic type	Oval horizontal beam		
Optical cover type	-	Over Time Performance (IEC Complia	ant)
Luminaire light beam spread	-	Driver failure rate at 5000 h	1%
Unified glare rating CEN	Not applicable	Control gear failure rate at median useful	5 %
		life 50000 h	
Operating and Electrical		Lumen maintenance at median useful life*	L80
Input Voltage	220 to 240 V	50000 h	
Line Frequency	50 to 60 Hz		
Initial CLO power consumption	- W W	Application Conditions	
Average CLO power consumption	- W W	Performance ambient temperature Tq	25 ℃
End CLO power consumption	- W	Maximum dim level	1%
Inrush current	20.4 A	Suitable for random switching	Yes
Inrush time	195 ms		
Power Consumption	31.5 W	Product Data	
Power Factor (Fraction)	0.9	Order product name	ST770T LED39S/827 PSD-VLC OVL-V WH
Connection	Push-in connector and pull relief	Full product name	ST770T LED39S/827 PSD-VLC OVL-V WH
Cable	-	Full product code	871869940551900
Number of products on MCB of 16 A type I	<b>B</b> 24	Order code	910500465455
		Material Nr. (12NC)	910500465455
Temperature		Numerator - Quantity Per Pack	1
Ambient temperature range	+10 to +35 °C	EAN/UPC - Product/Case	8718699405519
		Numerator - Packs per outer box	1
Controls and Dimming		EAN/UPC - Case	8718699405519
Dimmable	Yes		
Driver/power unit/transformer	Power supply unit with DALI interface, DC		
	compatible for central emergency lighting		
	(integrated)		

## **StyliD Evo**

### Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.