



StyliD Evo

ST770S 49S/840 DIA-VLC VWB FG WH

StyliD Evo Compact Maxos fusion, 37.5 W, Power supply unit with DALI interface, Visual Light Communication (VLC) ready (integrated), Very 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 material
Lighting Technology	LED	Housing Color
Driver included	Yes	Optical cover/lens fin
Number of gear units	1 unit	Overall length
Value ladder	Specification	Overall width
Product family code	ST770S [StyliD Evo Compact Maxos fusion]	Overall height
Light source replaceable	No	Dimensions (Height x
Light Technical		Approval and App
Luminous Flux	5,100 lumen	Ingress protection cod
Saturated Red (R9)	>50	Mech. impact protect
Correlated Color Temperature (Nom)	4000 K	Sustainability rating
Luminous Efficacy (rated) (Nom)	136 lm/W	Protection class IEC
Color rendering index (CRI)	≥80	Glow-wire test
Beam angle of light source	120 degree(s)	Flammability mark
Light source color	840 neutral white	
Optic type	Very wide beam	CE mark
Luminaire light beam spread	60°	ENEC mark
Unified glare rating CEN	Not applicable	Warranty period
		EU RoHS compliant
Operating and Electrical		
Input Voltage	220 to 240 V	Initial Performance
Line Frequency	50 to 60 Hz	Luminous flux toleran
Input Frequency	50 to 60 Hz	Initial chromaticity
Initial CLO power consumption	- W W	Power consumption t
Average CLO power consumption	- W	
Inrush current	24.9 A	Over Time Perforn
Inrush time	186 ms	Control gear failure ra
Power Consumption	37.5 W	life 50000 h
Power Factor (Fraction)	0.9	Lumen maintenance
Connection	Track	50000 h
Cable	-	
Number of products on MCB of 16 A type B	27	Application Condit
		Performance ambient
Temperature		Maximum dim level
Ambient temperature range	+10 to +25 ℃	Suitable for random s
Controls and Dimming		Product Data
Dimmable	Yes	Full product code
Driver/power unit/transformer	Power supply unit with DALI interface,	Order product name
	Visual Light Communication (VLC) ready	Order code
	(integrated)	Numerator - Quantity
Control interface	DALI	Numerator - Packs pe
Constant light output	No	Material number (12N
		Full product name
Mechanical and Housing		EAN/UPC - Case
Housing Material	Aluminum extruded	
Reflector material	Polycarbonate aluminum coated	
Optic material	Polycarbonate	F IK 02
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	IKO2 [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	(0.382, 0.380) 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		

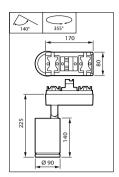
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

871869997689700
ST770S 49S/840 DIA-VLC VWB FG WH
910505101374
1
1
910505101374
ST770S 49S/840 DIA-VLC VWB FG WH
8718699976897



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.