



StyliD Evo

ST770B 27S/830 DIA-VLC-E OVL-H BK

StyliD Evo Semi Recessed, 23.5 W, Power supply unit with DALI interface, Visual Light Communication (VLC) ready (integrated), Oval horizontal beam. 20° x 68°

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

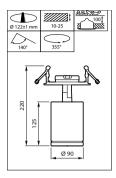
Datasheet, 2023, September 5 data subject to change

StyliD Evo

General Information		Driver/power unit/transformer	Power supply unit with DALI interface,
Light source replaceable	No		Visual Light Communication (VLC) ready
CE mark	Yes		(integrated)
Number of gear units	1 unit	Control interface	DALI
Driver included	Yes	Constant light output	No
Flammability mark	For mounting on normally flammable		
	surfaces	Mechanical and Housing	
Glow-wire test	Temperature 650 °C, duration 30 s	Housing Material	Aluminum extruded
Warranty period	5 years	Reflector material	Polycarbonate aluminum coated
Product family code	ST770B [StyliD Evo Semi Recessed]	Optic material	Polycarbonate
Lighting Technology	LED	Optical cover/lens material	Polycarbonate
ENEC mark	ENEC mark	Fixation material	-
EU RoHS compliant	Yes	Housing Color	Black RAL 9004
Value ladder	Specification	Optical cover/lens finish	Clear
		Overall length	130 mm
Application Conditions		Overall width	180 mm
Maximum dim level	1%	Overall height	220 mm
Performance ambient temperature Tq	25 °C	Dimensions (Height x Width x Depth)	220 x 180 x 130 mm
Suitable for random switching	Yes		
		Approval and Application	
Light Technical		Ingress protection code	IP20 [Finger-protected]
Luminous Flux	2,700 lumen	Mech. impact protection code	IK02 [0.2 J standard]
Saturated Red (R9)	>50	Sustainability rating	Lighting for circularity
Correlated Color Temperature (Nom)	3000 K	Protection class IEC	Safety class II
Luminous Efficacy (rated) (Nom)	115 lm/W		
Color rendering index (CRI)	≥80	Initial Performance (IEC Compliant)	
Beam angle of light source	120 degree(s)	Initial chromaticity	(0.434, 0.403) SDCM <3
Light source color	830 warm white	Luminous flux tolerance	+/-10%
Optic type	Oval horizontal beam	Power consumption tolerance	+/-10%
Luminaire light beam spread	20° x 68°		
Unified glare rating CEN	Not applicable	Over Time Performance (IEC Complia	ant)
		Control gear failure rate at median useful	5 %
Operating and Electrical		life 50000 h	
Line Frequency	50 to 60 Hz	Lumen maintenance at median useful life*	L80
Input Voltage	220 to 240 V	50000 h	
Initial CLO power consumption	- W W		
Average CLO power consumption	- W	Product Data	
Inrush current	20.4 A	Full product code	871869997657600
Inrush time	195 ms	Order product name	ST770B 27S/830 DIA-VLC-E OVL-H BK
Power Consumption	23.5 W	Order code	910505101211
Power Factor (Fraction)	0.9	Numerator - Quantity Per Pack	1
Connection	Push-in connector and pull relief	Numerator - Packs per outer box	1
Cable	-	Material Nr. (12NC)	910505101211
Number of products on MCB of 16 A type B	24	Full product name	ST770B 27S/830 DIA-VLC-E OVL-H BK
		EAN/UPC - Case	8718699976576
Temperature			
Ambient temperature range	+10 to +25 °C		
Controls and Dimming			
Dimmable	Yes		

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.