



StyliD Evo

ST770B 27S/FR PSU-E MB FG WH

StyliD Evo Semi Recessed, 32.5 W, Power supply unit external (On/Off), 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

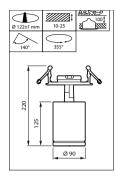
Datasheet, 2024, March 15 data subject to change

StyliD Evo

Product family code	ST770B [StyliD Evo Semi Recessed]	Optical cover material	Tempered glass
-		- - 	Tempered glass
Lighting Technology Value ladder	Specification LED	Fixation material Housing Color	White
CE mark	CE mark	Optical cover finish	Clear
Warranty period	5 years	Overall height	220 mm
Flammability mark	For mounting on normally flammable	- Contain Height	220 11111
	surfaces	Approval and Application	
ENEC mark	ENEC mark	Ingress protection code	IP20 [Finger-protected]
Glow-wire test	Temperature 650 °C, duration 30 s	Mech. impact protection code	IKO2 [0.2 J standard]
EU RoHS compliant	Yes	Sustainability rating	Lighting for circularity
		Protection class IEC	Safety class II
Light Technical		Photobiological risk	Photobiological risk group 1 @200mm to
Luminous Flux	3,000 lm		EN62778
Correlated Color Temperature (Nom)	5000 K		
Luminous Efficacy (rated) (Nom)	93 lm/W	Initial Performance (IEC Compliant)	
Color rendering index (CRI)	90	Luminous flux tolerance	+/-10%
Flickering value (PstLM) - Flickering value as	1	Initial chromaticity	(0.343,0.331)<3
per EN 61000-3-3		Power consumption tolerance	+/-10%
Stroboscopic effect visibility measure (SVM)	0.5		
Beam angle of light source	120 degree(s)	Over Time Performance (IEC Compliant)
Light source color	Frost with CRI ≥80 and color	Control gear failure rate at median useful life	1.7 %
	temperature 4000K	50000 h	
Optic type	Medium beam	Control gear failure rate at median useful life	3.1 %
Luminaire light beam spread	24°	100000 h	
Unified glare rating CEN	22	Lumen maintenance at median useful life*	5.6
		50000 h	
Operating and Electrical		Lumen maintenance at median useful life*	13.5
Input Voltage	220 to 240 V	100000 h	
Line Frequency	50 to 60 Hz	Application Conditions	
Initial CLO power consumption	- W W	Application Conditions	3F %C
Average CLO power consumption	- W	Performance ambient temperature Tq	25 °C
Inrush time	11 A	Maximum dim level Suitable for random switching	Not applicable No
Inrush time	250 ms	Suitable for faildoill switching	NO
Power Consumption Power Factor (Fraction)	32.5 W 0.9	Product Data	
Connection	2 Push-in connector 2-pole	Order product name	ST770B 27S/FR PSU-E MB FG WH
Cable	- 2 Pusit-iii connector 2-pote	Full product name	ST770B 27S/FR PSU-E MB FG WH
Number of products on MCB of 16 A type B	48	Full product code	871869997663700
Number of products of McB of to A type B		Order code	910505101217
Temperature		Material Nr. (12NC)	910505101217
Ambient temperature range	+10 to +35 °C	Numerator - Quantity Per Pack	1
		EAN/UPC - Product/Case	8718699976637
Controls and Dimming		Numerator - Packs per outer box	1
Dimmable	No	EAN/UPC - Case	8718699976637
Driver/power unit/transformer	Power supply unit external (On/Off)		

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Dimensional drawing





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