PHILIPS Lighting



StyliD Evo

ST770T 49S/827 PSU WB FG SI

StyliD Evo Compact, 37.5 W, Power supply unit (On/Off), Wide beam, 36° $\,$

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

StyliD Evo

LED
Yes
1 unit
Specification
ST770T [StyliD Evo Compact]
No

Housing Color	Silver RAL 9006
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

Light Technical Luminous Flux 4,750 lumen Saturated Red (R9) >50 Correlated Color Temperature (Nom) 2700 K Luminous Efficacy (rated) (Nom) 127 lm/W Color rendering index (CRI) ≥80 120 degree(s) Beam angle of light source Light source color 827 warm white Optic type Wide beam Luminaire light beam spread 36° Unified glare rating CEN Not applicable

o			- A.
Operating	and	Electri	cal

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Initial CLO power consumption	- W W
Average CLO power consumption	- W
Inrush current	12 A
Inrush time	100 ms
Power Consumption	37.5 W
Power Factor (Fraction)	0.9
Connection	Track
Cable	-
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum extruded
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover/lens material	Tempered glass

-

+10 to +25 °C

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
EU RoHS compliant	Yes

	Initial Performance	(IEC Compliant)
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Luminous flux tolerance	+/-10%
Initial chromaticity	(0.458, 0.410) SDCM <3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Complian	nt)
Control gear failure rate at median useful life	e 5%
50000 h	
Lumen maintenance at median useful life*	L80
50000 h	
Application Conditions	
Performance ambient temperature Tg	25 ℃

Performance ampient temperature 1q	23 C
Maximum dim level	Not applicable
Suitable for random switching	Yes
Product Data	
Full product code	871869997718400
Order product name	ST770T 49S/827 PSU WB FG SI
Order code	910505101404
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	910505101404
Full product name	ST770T 49S/827 PSU WB FG SI

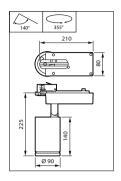
EAN/UPC - Case	8718699977184

F/ IK 02

Fixation material

StyliD Evo

Dimensional drawing





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