PHILIPS Lighting



StyliD Evo

ST780S 49S/830 DIA-VLC MB FG WH

ST780S | StyliD Evo Performance Maxos fusion - Power supply unit with DALI interface, Visual Light Communication (VLC) ready (integrated) - 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

StyliD Evo

General Information	
Light source replaceable	No
CE mark	Yes
Number of gear units	1 unit
Driver included	Yes
Flammability mark	For mounting on normally flammable
	surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Warranty period	5 years
Product family code	ST780S [StyliD Evo Performance Maxos
	fusion]
Lighting Technology	LED
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Value ladder	Specification
Application Conditions	
Maximum dim level	1%
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes
Light Technical	
Luminous Flux	4,900 lumen
Saturated Red (R9)	>50
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	131 lm/W
Color rendering index (CRI)	≥80
Beam angle of light source	120 degree(s)
Light source color	830 warm white
Optic type	Medium beam
Luminaire light beam spread	24°
Unified glare rating CEN	Not applicable
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Voltage	220 to 240 V
Initial CLO power consumption	- W W
Average CLO power consumption	- W
Inrush current	24.9 A
Inrush time	186 ms
Power Consumption	37.5 W
Power Factor (Fraction)	0.9
Connection	Track
Cable	-

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+10 to +25 °C

Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface, Visual Light Communication (VLC) ready (integrated) Control interface DALI 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 Fixation material White RAL 9003 Housing Color Optical cover/lens finish Clear Overall length 240 mm Overall width 120 mm Overall height 260 mm Dimensions (Height x Width x Depth) 260 x 120 x 240 mm **Approval and Application** Ingress protection code IP20 [Finger-protected] Mech. impact protection code IK02 [0.2 J standard] Sustainability rating Lighting for circularity Protection class IEC Safety class II Initial Performance (IEC Compliant) Initial chromaticity (0.434, 0.403) SDCM <3 Luminous flux tolerance +/-10% 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 **Product Data** 871869997741200 Full product code Order product name ST780S 49S/830 DIA-VLC MB FG WH Order code 910505101427 Numerator - Quantity Per Pack 1 Numerator - Packs per outer box 1 Material Nr. (12NC) 910505101427

Controls and Dimming

Temperature

Ambient temperature range

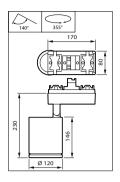
Number of products on MCB of 16 A type B

Full product name EAN/UPC - Case ST780S 49S/830 DIA-VLC MB FG WH

8718699977412

StyliD Evo

Dimensional drawing





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