



StyliD Evo

ST780T 49S/830 DIA-VLC OVL-H WH

StyliD Evo, Performance, track projector, 39 W, 4900 lm, 3000 K, DALI, Interact Ready, Oval horizontal beam, White

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 frequently changing they layout of outlets, 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 a 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 catalogue 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
- Use pressurised air only to clean the optic. 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) microfibre 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
Number of gear units	Unit
Driver included	Yes
Service Tag	Yes
Lighting Technology	LED
Value ladder	Specification
Warranty period	5 years

Light Technical	
Luminous Flux	4,900 lm
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	128 lm/W
Colour rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source colour	830 warm white
Optic type	Oval horizontal beam
Luminaire light beam spread	20° x 68°
Unified Glare Rating (CEN)	22

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W W
Average CLO power consumption	- W
Inrush current	20.4 A
Inrush time	195 ms
Power Consumption	39 W
Power Factor (Fraction)	0.9
Connection	3C Track
Cable	-
Number of products on MCB (16 A type B)	24
Suitable for random switching	No
Protection class IEC	Safety class II
Total harmonic distortion	20 %

Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Dali dimming Interact System-ready visual light communication enabled
Control interface	DALI
Constant light output	No
DALI standard	D4i™ DALI-2™
Maximum dim level	1%
Connectivity	Interact Ready
Embedded control	Visible light communication

Mechanical and Housing	
Housing material	Aluminium
Reflector material	Aluminium and polycarbonate
Optic material	Aluminium and polycarbonate

Optical cover/lens material	Polymethyl methacrylate
Fixation material	-
Housing Colour	White
Optical cover/lens finish	Opal
Overall length	240 mm
Overall width	120 mm
Overall height	260 mm
Dimensions (height x width x depth)	260 x 120 x 240 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	1.300 kg

Approval and Application	
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM)	1
Stroboscopic effect	0.5
Ambient temperature range	+10 to +35 °C

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.434,0.403)<3
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 50,000 h	5 %
Control gear failure rate at median useful life 100,000 h	3.1 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L85

Sustainability Data	
Sustainability rating	Signify Circle
Repair class	Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time.
Embedded carbon (A1-A3)	21.3 kg CO _{2e}
Product non-virgin material ratio	8.18 %

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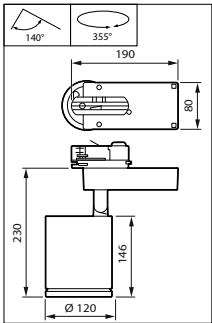
Recyclable the content ratio of the finished product	47 %
GWP total B6 (kg CO2eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO2eq / kwh)
GWP total B6 (kg CO2eq) Functional Unit	Please calculate using your local energy mix value: POWER DECLARED UNIT (kW) * 1000 (lm) / LUMEN OUTPUT DECLARED UNIT (lm) * 35000 (hrs) * ENERGY MIX (kg CO2 eq / kwh)

Full product name	ST780T 49S/830 DIA-VLC OVL-H WH
Full EOC	871869997754200
Order code	910505101440
Material no. (12 NC)	910505101440
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699977542
Numerator – packs per outer box	1
EAN/UPC – Case	8718699977542
Product family code	ST780T [StyliD Evo Performance]

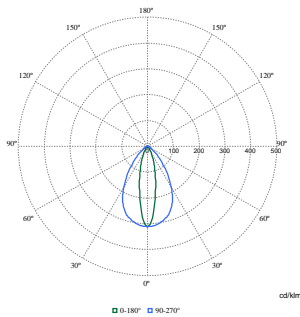
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Dimensional drawing



Photometric data



Polar Normal (separate) - ST780TI - 910505101440

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