



# **StyliD Evo**

## ST770S 27S/827 DIA-VLC WB FG WH

StyliD Evo Compact Maxos fusion, 23.5 W, Power supply unit with DALI interface, Visual Light Communication (VLC) ready (integrated), 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**

Datasheet, 2023, September 5 data subject to change

## **StyliD Evo**

Light Source replaceable No Nomber of ear units 1 your 1 Control interface 10A1 Process (Marchanes 1) Control interface 10A1 Process (Marchanes 1) Control interface 10A1 Process (Marchanes 1) Product Interface 10A1 Process (Marchanes 1) Programmace Interface 10A1 Programmace Interface Interface 10A1 Programmace Interface Interface 10A1 Programmace Interface Interface 10A1 Programmace Interface 10A1 Programmace Interface 10A1 Programmace Interface 10A1 Programmace Interface Interface 10A1 Programmace Interface 10A1 Programmace Interface				
Control interface   Policy   Control interface   Policy   Control interface   Policy   Poli	General Information		Driver/power unit/transformer	Power supply unit with DALI interface,
Number of pear units   1 unit   1 uni	-			
Driver included  Yes    Farmmability mark   For mounting on normally laminable surfaces   For mounting on normally laminable   For mounting on normally laminable surfaces   For mounting on normal laminable surfaces   For m				
For manufacting mark   For mounting on normality fearmable variances   Machanical and Housing	Number of gear units	1 unit	-	
Mechanical and Housing   Mechanical and Housing   Mechanical and Housing Martine   Musing Color   Musing Color   Musing Martine   Musing Color   Musing Color   Musing Martine   Musing Color   Musing Martine   Musing Color   Musing Color   Musing Color   Musing Martine   Musing Martine   Musing Color   Musing Martine   Mus	Driver included	Yes	Constant light output	No
Housing Material   Alumnum extruded   Alumnum extruded   Alumnum extruded   Polycarborate quantum coated   Polycarborate q	Flammability mark	For mounting on normally flammable		
Warranty period   Syears   Product family code   ST7705 [SyIDD Evo Compact Maxos fusion]   Optic material   Polycarbonarie oluminum costed   Optic material   Polycarbonarie		surfaces	Mechanical and Housing	
Product family code	Glow-wire test	Temperature 650 °C, duration 30 s		Aluminum extruded
Lighting Technology LED Optical cover/lens material Temperated glass ENEC mark Fixed mark Fixed marker and Pixed marker and P				
ENEC mark			· · · · · · · · · · · · · · · · · · ·	
Mousing Color   White RAL 9003				Tempered glass
Value ladder   Specification   Optical cover/lens finish   Cliner				<del>-</del>
Application Conditions  Application Conditions  Maximum din level  Performance ambient temperature Tq 25 °C  Suitable for random switching  Ves    Approval and Application				
Application Conditions  Maximum dini level  Maximum dini level  Maximum dini level  Dimensions (Melight x Width x Depth)  220 x 90 x 210 mm  Dimensions (Melight x Width x Depth)  Dimensions (Melight x Width x Depth (Melight x Width x Depth)  Dimensions (Melight x Width x Depth (Melight x Width x D	Value ladder	Specification		
Maximum din level 1% Overall height 220 mm  Performance ambient temperature Tq 25 °C  Suitable for random switching 7'es  Light Technical				
Performance ambient temperature Tq 25 °C Suitable for random switching  Yes  Light Technical Luminous Flux 2,700 lumen Saturated Red (R9) - 50 Sustainability rating Lighting for circularity  Correlated Color Temperature (Nom) 2700 K Luminous Efficacy (rated) (Nom) 115 lm/W  Luminous Efficacy (rated) (Nom) 115 lm/W  Luminous Efficacy (rated) (Nom) 120 degree(s) Light source color 827 warm white Luminous light source 120 degree(s) Light source color 837 warm white Luminaire light beam spread 36°  Operating and Electrical Line Frequency 50 to 80 Hz Intel CD power consumption - W W  Average CLO power consumption - W W  Average CLO power consumption - W W  Average CLO power consumption - W W  Power Consumption 2,35 W  Consection Class P C Single P Power Consumption P Power Consumption 2,35 W  Order consumption - Power C				
Sutable for random switching Ves  Approval and Application Ingress protection code IP20 [Finger-protected] Ingress protection code IR02 [0.2 J standard] Saturated Red (R9) Sustainability rating Lighting for circularity Protection calas IEC Safety class II Luminous Efficacy (rated) (Nom) IS Im/W Color rendering index (CR1) Sea B0 Initial Performance (IEC Compliant) Initial Performance (IEC Compliant) Initial Chromaticity Initi	-			
Light Technical   Ingress protection code   IP20 [Finger-protected]		25 ℃	Dimensions (Height x Width x Depth)	220 x 90 x 210 mm
Light Technical  Luminous Flux 2,700 lumen  Mech. Impact protection code IP20 [Finger-protected]  Mech. Impact protection code IK02 [0.2 J standard]  Saturated Red (R8) -50  Sustainability rating Lighting for circularity  Correlated Color Temperature (Nom) 2700 K  Luminous Efficacy (rated) (Nom) II5 Im/W  Color rendering index (CR) 880  Beam angle of light source 120 degree(s) Initial Performance (IEC Compliant)  Optic type Wide beam Power consumption tolerance 1,-10%  Optic type Wide beam Power consumption tolerance 1,-10%  Over Time Performance (IEC Compliant)  Control gear failure rate at median useful life*  5 %  Control gear failure rate at median useful life*  50000 h  Lumen maintenance at median useful life*  50000 h  Initial Crop ower consumption - W  Average CLO power consumption - W  Product Data  Full product code 871869997676700  Order product name 517705 275/827 DIA-VLC WB FG WH  Power Consumption 0.9  Number of products on MCB of 16 A type B 24  Full product coan 910505101231  Full product can be producted by 10505101231  Full product can be producted 517705 275/827 DIA-VLC WB FG WH  Full product can be producted by 10505101231  Full produ	Suitable for random switching	Yes		
Luminous Flux 2,700 lumen Mech. impact protection code IKO2 [0 2 J standard]  Saturated Red (R9) >50  Sustainability rating Lighting for circularity  Protection class IEC Safety class II  Luminous Efficacy (rated) (Nom) 115 lm/W  Color rendering index (CRI) 280  Beam angle of light source 120 degree(s) Initial Performance (IEC Compliant)  Light source color 827 warm white Luminous flux tolerance 7/-10%  Optic type Wide beam Power consumption tolerance 7/-10%  Unified glare rating CEN Not applicable Over Time Performance (IEC Compliant)  Light source color 827 warm white Luminous flux tolerance 7/-10%  Unified glare rating CEN Not applicable Over Time Performance (IEC Compliant)  Coperating 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 W  Average CLO power consumption - W Product Data  Inrush current 195 ms Order code 87889997676700  Order product name 517705 275/827 DIA-VLC WB FG WH  Power Consumption 7 Tack Numerator - Quantity Per Pack 1  Numerator - Quantity Per Pack 8  Full product name 517705 275/827 DIA-VLC WB FG WH  EAN/UPC - Case 8718699976767				
Saturated Red (R9)   -50   Sustainability rating   Lighting for circularity			- <del></del>	
Correlated Color Temperature (Nom) 2700 K				
Luminous Efficacy (rated) (Nom)  115 Im/W  Color rendering index (CRI)  Beam angle of light source  120 degree(s)  Light source color  827 warm white  Luminous flux tolerance  4/-10%  Power consumption tolerance  4/-10%  Control gear failure rate at median useful  15 %  Control gear failure rate at median useful  16 %  Lumen maintenance at median useful life*  Lum				
Initial Performance (IEC Compliant)			Protection class IEC	Safety class II
Initial chromaticity   (0.458, 0.410) SDCM < 3   Light source color   827 warm white   Luminous flux tolerance   +/-10%				
Light source color 827 warm white Optic type Wide beam Power consumption tolerance +/-10%  Over Time Performance (IEC Compliant) Control gear failure rate at median useful 16 %  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 tume 195 ms Operations 23.5 W Power Consumption 23.5 W Order product name 51770S 275/827 DIA-VLC WB FG WH Connection Track  Cable - Material Nr. (I2NC) 910505101231  Full product name 51770S 275/827 DIA-VLC WB FG WH EAN/UPC - Case 8718699976767  Temperature  Ambient temperature range +10 to +25 °C  Controls and Dimming				
Power consumption tolerance				
Luminaire light beam spread  Unified glare rating CEN  Not applicable  Control gear failure rate at median useful 15 %  Unified glare rating CEN  Not applicable  Control gear failure rate at median useful 15 %  Unified glare rating CEN  Not applicable  Control gear failure rate at median useful 15 %  Unified S0000 h  Lumen maintenance at median useful life* L80  Lumen maintenance at median useful life* S0000 h  Lumen maintenance at median useful life* L80  Input Voltage  220 to 240 V  Initial CLO power consumption - W  Product Data  Full product code 871869997676700  Order product code 910505101231  Power Consumption 23.5 W  Order code 910505101231  Power Factor (Fraction) 0.9  Numerator - Quantity Per Pack 1  Numerator - Packs per outer box 1  Numerator - Packs per outer box 1  Amaterial Nr. (12NC) 910505101231  Full product name S1770S 275/827 DIA-VLC WB FG WH  EAN/UPC - Case 8718699976767  Controls and Dimming				<del>- `</del>
Unified glare rating CEN  Not applicable  Over Time Performance (IEC Compliant)  Control gear failure rate at median useful life 50000 h  Line Frequency 50 to 60 Hz  Input Voltage 220 to 240 V  Initial CLO power consumption - W  Average CLO power consumption - W  Inrush current 20.4 A  Full product code 871869997676700  Inrush time 195 ms  Order consumption 23.5 W  Power Consumption 23.5 W  Order code 910505101231  Power Factor (Fraction) 0.9  Numerator - Quantity Per Pack 1  Connection Track Numerator - Packs per outer box 1  Cable - Material Nr. (12NC) 910505101231  Full product name ST770S 275/827 DIA-VLC WB FG WH  EAN/UPC - Case 87186999767670  Controls and Dimming			Power consumption tolerance	+/-10%
Control gear failure rate at median useful life 50000 h  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 20.4 A  Inrush time 195 ms  Power Consumption 23.5 W  Power Factor (Fraction) 0.9  Connection Track  Cable - Material Nr. (12NC) 910505101231  Number of products on MCB of 16 A type B 24  Controls and Dimming  Controls and Dimming  Controls and Dimming			Over Time Deufermense (IEC Complie	
Line Frequency   50 to 60 Hz   Lumen maintenance at median useful life*   L80	Unified glare rating CEN	Not applicable	·	
Lime Frequency 50 to 60 Hz  Input Voltage 220 to 240 V  Initial CLO power consumption - W W  Average CLO power consumption - W  Inrush current 20.4 A Full product code 871869997676700  Inrush time 195 ms Order product name ST770S 275/827 DIA-VLC WB FG WH  Power Consumption 0.9 Numerator - Quantity Per Pack 1  Cable - Numerator - Packs per outer box 1  Cable - Material Nr. (12NC) 910505101231  Full product case 87186999767670  Full product name ST770S 275/827 DIA-VLC WB FG WH  Numerator - Quantity Per Pack 1  Material Nr. (12NC) 910505101231  Full product name ST770S 275/827 DIA-VLC WB FG WH  EAN/UPC - Case 8718699976767	On custing and Electrical		_	5 %
Input Voltage 220 to 240 V  Initial CLO power consumption - W W  Average CLO power consumption - W  Inrush current 20.4 A  Inrush time 195 ms  Power Consumption 23.5 W  Power Factor (Fraction) 0.9  Connection Track  Cable - Mumerator - Packs per outer box 1  Cable - Material Nr. (12NC) 910505101231  Number of products on MCB of 16 A type B 24  Controls and Dimming  Controls and Dimming	<del> </del>	50 to 60 U-	-	100
Initial CLO power consumption - W W  Average CLO power consumption - W  Inrush current 20.4 A Full product code 871869997676700  Inrush time 195 ms Order product name ST7705 275/827 DIA-VLC WB FG WH  Power Consumption 23.5 W Order code 910505101231  Power Factor (Fraction) 0.9 Numerator - Quantity Per Pack 1  Connection Track Numerator - Packs per outer box 1  Cable - Material Nr. (12NC) 910505101231  Number of products on MCB of 16 A type B 24 Full product name ST7705 275/827 DIA-VLC WB FG WH  EAN/UPC - Case 8718699976767  Controls and Dimming				L60
Average CLO power consumption - W  Inrush current 20.4 A  Inrush time 195 ms Order product name ST770S 27S/827 DIA-VLC WB FG WH  Power Consumption 23.5 W Order code 910505101231  Power Factor (Fraction) 0.9 Numerator - Quantity Per Pack 1  Connection Track Numerator - Packs per outer box 1  Material Nr. (12NC) 910505101231  Full product name ST770S 27S/827 DIA-VLC WB FG WH  EAN/UPC - Case 8718699976767  Controls and Dimming	<del></del>		3000011	
Inrush current 20.4 A Full product code 871869997676700  Inrush time 195 ms Order product name ST770S 27S/827 DIA-VLC WB FG WH  Power Consumption 23.5 W Order code 910505101231  Power Factor (Fraction) 0.9 Numerator - Quantity Per Pack 1  Connection Track Numerator - Packs per outer box 1  Material Nr. (12NC) 910505101231  Full product name ST770S 27S/827 DIA-VLC WB FG WH  EAN/UPC - Case 8718699976767  Temperature  Ambient temperature range +10 to +25 °C  Controls and Dimming			Product Data	
Inrush time 195 ms Order product name ST770S 27S/827 DIA-VLC WB FG WH  Power Consumption 23.5 W Order code 910505101231  Power Factor (Fraction) 0.9 Numerator - Quantity Per Pack 1  Connection Track Numerator - Packs per outer box 1  Cable - Material Nr. (12NC) 910505101231  Number of products on MCB of 16 A type B 24 Full product name ST770S 27S/827 DIA-VLC WB FG WH  EAN/UPC - Case 8718699976767  Temperature  Ambient temperature range +10 to +25 °C  Controls and Dimming		<del>.</del>		871869997676700
Power Consumption 23.5 W Order code 910505101231  Power Factor (Fraction) 0.9 Numerator - Quantity Per Pack 1  Connection Track Numerator - Packs per outer box 1  Cable - Material Nr. (12NC) 910505101231  Number of products on MCB of 16 A type B 24 Full product name ST770S 27S/827 DIA-VLC WB FG WH  EAN/UPC - Case 8718699976767  Temperature  Ambient temperature range +10 to +25 °C	-		- · · · · · · · · · · · · · · · · · · ·	
Power Factor (Fraction)  O.9  Numerator - Quantity Per Pack  Numerator - Packs per outer box  Material Nr. (12NC)  910505101231  Full product name  ST770S 27S/827 DIA-VLC WB FG WH  EAN/UPC - Case  8718699976767  Controls and Dimming			- <del></del>	
Connection  Track  Numerator - Packs per outer box  Material Nr. (12NC)  910505101231  Full product name  ST770S 27S/827 DIA-VLC WB FG WH  EAN/UPC - Case  8718699976767  Controls and Dimming	· · · · · · · · · · · · · · · · · · ·			
Cable - Material Nr. (12NC) 910505101231  Number of products on MCB of 16 A type B 24 Full product name ST770S 27S/827 DIA-VLC WB FG WH  EAN/UPC - Case 8718699976767  Temperature  Ambient temperature range +10 to +25 °C  Controls and Dimming				
Number of products on MCB of 16 A type B 24  Full product name ST770S 27S/827 DIA-VLC WB FG WH  EAN/UPC - Case 8718699976767  Temperature  Ambient temperature range +10 to +25 °C  Controls and Dimming		Hack	· · · · · · · · · · · · · · · · · · ·	
Temperature Ambient temperature range +10 to +25 °C  Controls and Dimming		24		
Temperature  Ambient temperature range +10 to +25 °C  Controls and Dimming	Transfer of products off MCB of 10 A type B			
Ambient temperature range +10 to +25 °C  Controls and Dimming	Temperature		<u>, , , , , , , , , , , , , , , , , , , </u>	
Controls and Dimming		+10 to +25 °C		
<del></del>	,			
<del></del>	Controls and Dimming	<u> </u>		
	Dimmable	Yes		
		_ <del></del>		

## **StyliD Evo**

### Dimensional drawing



