



# **StyliD Evo**

## ST770S 39S/PW930 DIA-VLC HVWB BK

StyliD Evo Compact Maxos fusion, 32 W, Power supply unit with DALI interface, Visual Light Communication (VLC) ready (integrated), Very wide beam, 60°

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**

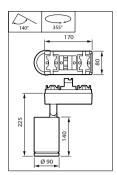
Datasheet, 2023, September 5 data subject to change

## **StyliD Evo**

Cameration   Cam	-			
Control interface   Cont	General Information		Driver/power unit/transformer	Power supply unit with DALI interface,
Number of gear units   1 unit   1 unit   1 unit   1 unit   2	-			
Driver included   Yes	-			
For mounting on normally flammability mark  Solve-wire test  Temperature 650°C, duration 30's Warnarty period  Sysues Product family and the following Update	Number of gear units	1 unit		
Mechanical and Housing	Driver included	Yes	Constant light output	No
Housing Material   Aluminum extuded	Flammability mark	For mounting on normally flammable		
Warranty period		surfaces	Mechanical and Housing	
Product family code S1770S (Styld) Evo Compact Maxos full on Lighting Technology (ED make FASC mark FASC m	Glow-wire test	Temperature 650 °C, duration 30 s		
Light rechnology LED  ENEC mark Fixation material  Yes Housing Color Deveal Identity Deveal within 90 mm  Overall Identity Deveal within 90 mm  Overall Identity Deveal within 90 mm  Overall Width 90 mm  Overall Width 100 mm  Necho Investment 100 mm  Investment Width 100 mm  Investmen				
ENEC mark ENEC m			· · · · · · · · · · · · · · · · · · ·	Polycarbonate
Housing Color   Black RAL 9004				-
Value ladder Specification Optical cover/lens finish Clear Overall length 210 mm Overall length 210 mm Overall width 90 mm Overall width 910 mm Overall width 920 mm Overall width 920 mm Overall width 920 mm Overall height 220 mm Overall heigh				-
Application Conditions  Application Conditions  Maximum din level  Performance ambient temperature Tq 25 °C  Suitable for random switching  Light Technical  Luminous Flux 3,900 lumen  Saturated Red (R9) 5000 K  Saturated Red (R9) 5000 K  Saturated Red (R9) 8000 K  Luminous Efficacy (rated) (Nom) 122 lm/W  Luminous Efficacy (rated) (Nom) 120 lm/W  Luminous flux tolerance (IEC Compliant)  Luminous flux tolerance 10 lecc Compliant)  Luminous flux tolerance 10 lecc Compliant)  Coperating and Electrical  Liminous flux tolerance 10 lecc Compliant)  Control gear failure rate at median useful life* 180  Sould 186				
Application Conditions  Maximum din level  Maximum din level  Performance ambient temperature Tq 25°C  Suitable for random switching  Yes    Approval and Application   1220 kg0 x 220 kg0	Value ladder	Specification		
Maximum dim level				
Performance ambient temperature Tq 25 °C  Suitable for random switching Yes    Approval and Application   Ingress protection code   IP20 [Finger-protected]				
Suitable for random switching  Light Technical  Light Technical  Luminous Flux  3,900 lumen  Mech. impact protection code  Mec				
Light Technical   Ingress protection code   IP20 [Finger-protected]		25 °C	Dimensions (Height x Width x Depth)	220 x 90 x 210 mm
Light Technical Luminous Flux 3,900 tumen  Mech. impact protection code   IP20 [Finger-protected]   Mech. impact protection code   IR02 [O2 J standard]   Saturated Red (R9)	Suitable for random switching	Yes		
Luminous Flux 3,900 lumen Mech. impact protection code IKO2 [0 2 J standard]  Saturated Red (R9) > 50  Correlated Color Temperature (Nom) 3000 K Protection class IEC Safety class II  Lighting for circularity Protection class IEC Safety class II  Lighting for circularity Protection class IEC Safety class II  Lighting for circularity Initial Performance (IEC Compliant)  Initial Performance (IEC Compliant)  Initial chromaticity (0.422, 0.386) SDCM <2  Light source color Premium white with CRI ≥90  Optic type Very wide beam  Optic type Very wide beam  Operating and Electrical  Line Frequency 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 W  Product Data  Inrush time 195 ms  Order code 910505101370  Power Factor (Fraction) 0.9  Numerator - Packs per outer box 1  Full product name ST770S 395/PW930 DIA-VLC HVWB Bit Product name ST770S 395			-	
Saturated Red (R9) >50  Correlated Color Temperature (Nom) 3000 K  Luminous Efficacy (rated) (Nom) 122 Im/W  Color rendering index (CRI) 290  Beam angle of light source 120 degree(s) Initial Performance (IEC Compliant)  Luminous filt chromaticity (0.422, 0.386) SDCM<2  Light source color Premium white with CRI ≥90  Optic type Very wide beam Power consumption tolerance +/-10%  Unified glare rating CEN Not applicable Over Time Performance (IEC Compliant)  Control gear failure rate at median useful life 50000 h  Lumen maintenance at median useful life 50000 h  Lumen maintenance at median useful life 50000 h  Initial CLO power consumption - W  Average CLO power consumption - W  Average CLO power consumption - W  Product Data  Full product code 871869997684200  Full product code 910505101370  Power Consumption 9.9  Numerator - Quantity Per Pack 1  Numerator - Packs per outer box 1  Numerator - Packs per outer box 1  Numerator - Packs per outer box 1  Full product name S1770S 395/PW930 DIA-VLC HVWB Bit Connection Track Numerator - Packs per outer box 1  Full product name S1730S 395/PW930 DIA-VLC HVWB Bit Connection Track Numerator - Packs per outer box 1  Full product name S1770S 395/PW930 DIA-VLC HVWB Bit Connection Track Numerator - Packs per outer box 1  Full product name S1770S 395/PW930 DIA-VLC HVWB Bit Connection Track Numerator - Packs per outer box 1  Full product name S1770S 395/PW930 DIA-VLC HVWB Bit Connection Track Numerator - Packs per outer box 1  Full product name S1770S 395/PW930 DIA-VLC HVWB Bit EAN/UPC - Case 8718699976842			- <del></del>	
Correlated Color Temperature (Nom) 3000 K  Luminous Efficacy (rated) (Nom) 122 lm/W  Color rendering index (CRI) ≥90  Beam angle of light source 120 degree(s)  Light source color Premium white with CRI ≥90  Optic type Very wide beam Power consumption tolerance +/-10%  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  Average CLO power consumption 195 ms  Order roots under time 195 ms  Order roots under 195 ms  Order code 910505101370  Power Factor (Fraction) 0.9  Number of products on MCB of 16 A type B  Ambient temperature range +10 to +25 °C  Initial Cloro and initial Cloro consumer (IEC Compliant)  Initial CC Compliant)  Initial CC Compliant)  Control gear failure rate at median useful life*  5 %  Initial CC Compliant)  Control gear failure rate at median useful life*  5 %  Initial CC Compliant)  Control gear failure rate at median useful life*  5 %  Initial CC Compliant)  Control gear failure rate at median useful life*  LBO  So000 h  Lumen maintenance at median useful life*  LBO  Product Data  Full product code 871869997684200  Order product name ST770S 395/PW930 DIA-VLC HVWB Bi  Order code 910505101370  Numerator - Packs per outer box 1  Full product name ST770S 395/PW930 DIA-VLC HVWB Bi  EAN/UPC - Case 8718699976842		<del>- '</del> -		
Luminous Efficacy (rated) (Nom) 122 lm/W  Color rendering index (CRI) ≥90  Beam angle of light source 120 degree(s)  Light source color Premium white with CRI ≥90  Optic type Very wide beam Power consumption tolerance (IEC Compliant)  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  Average CLO power consumption - W  Product Data  Full product code 871869997684200  Order product name ST770S 39S/PW930 DIA-VLC HVWB Bit Canale Track  Number of products on MCB of 16 A type B 24  EMPORATION AND A STRONG STR				
Color rendering index (CRI)   ≥90   Initial Performance (IEC Compliant)			Protection class IEC	Safety class II
Beam angle of light source   120 degree(s)   Initial chromaticity   (0.422_0.386) SDCM <2				
Light source color  Premium white with CRI≥90  Optic type  Very wide beam  Luminaire light beam spread  60°  Unified glare rating CEN  Not applicable  Over Time Performance (IEC Compliant)  Control gear failure rate at median useful life 5%  life 50000 h  Line Frequency  Input Voltage  Initial CLO power consumption  - W W  Average CLO power consumption  - W W  Average CLO power consumption  Inrush current  20.4 A  Inrush time  195 ms  Order roduct Data  Full product code  Product Data  Full product name  577705 395/PW930 DIA-VLC HVWB Bit  Connection  Track  Numerator - Quantity Per Pack  Numerator - Quantity Per Pack  Numerator - Packs per outer box  1  Full product name  577705 395/PW930 DIA-VLC HVWB Bit  Numerator - Packs per outer box  1  Temperature  Ambient temperature range  +10 to +25 °C				
Optic type Very wide beam Power consumption tolerance 4/-10%  Luminaire light beam spread 60°  Unified glare rating CEN Not applicable Over Time Performance (IEC Compliant)  Control gear failure rate at median useful life* 5 %  Unified School h  Lumen maintenance at median useful life* L80  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 871869997684200  Inrush time 195 ms Order product name 57770S 39S/PW930 DIA-VLC HVWB Bit Order Code 910505101370  Power Factor (Fraction) 0.9 Numerator - Quantity Per Pack 1  Connection Track Numerator - Packs per outer box 1  Number of products on MCB of 16 A type B 24  Temperature  Ambient temperature range +10 to +25 °C				
Luminaire light beam spread 60°  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 20.4 A Full product code 871869997684200  Inrush time 195 ms  Order code 910505101370  Power Consumption 0.9  Numerator - Quantity Per Pack 1  Number of products on MCB of 16 A type B 24  Temperature  Ambient temperature range +10 to +25 °C				<u> </u>
Unified glare rating CEN  Not applicable  Control gear failure rate at median useful life*  Control gear failure rate at median useful life 5 %  Line Frequency  50 to 60 Hz  Line Frequency  Input Voltage  220 to 240 V  Initial CLO power consumption  - W W  Average CLO power consumption  - W W  Inrush current  20.4 A  Inrush time  195 ms  Order product code  Product Data  Full product code  871869997684200  Order product name  ST7705 39S/PW930 DIA-VLC HVWB Bit order consumption  Numerator - Quantity Per Pack  1  Cable  -  Numerator - Packs per outer box  1  Material Nr. (12NC)  910505101370  Full product name  ST7705 39S/PW930 DIA-VLC HVWB Bit order consumption  Numerator - Packs per outer box  1  EMAPPINATION OF STREET CONSUMPTION OF STRE			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 32 W  Power Factor (Fraction) 0.9  Connection Track  Cable - Material Nr. (12NC) 910505101370  Number of products on MCB of 16 A type B 24  Temperature  Ambient temperature range +10 to +25 °C			Over Time Performance (IEC Complia	unt)
Line Frequency   50 to 60 Hz   Lumen maintenance at median useful life*   L80	Onined glare rating CEN	Not applicable		
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 Full product code 871869997684200  Power Consumption 32 W  Power Factor (Fraction) 0.9  Cable - Mumber of products on MCB of 16 A type B 24  Temperature  Ambient temperature range +10 to +25 °C  Lumen maintenance at median useful life* 50000 h  Lumen maintenance at median useful life* 500000 h  Lumen maintenance at median useful life* 50000 h  Lumen maintenal life	Operating 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 Full product code 871869997684200  Inrush time 195 ms Order product name ST770S 39S/PW930 DIA-VLC HVWB Br.  Power Consumption 32 W  Power Factor (Fraction) 0.9 Numerator - Quantity Per Pack 1  Connection Track Numerator - Packs per outer box 1  Cable - Material Nr. (12NC) 910505101370  Full product name ST770S 39S/PW930 DIA-VLC HVWB Br.	<del> </del>	50 to 50 Hz		180
Initial CLO power consumption - W W  Average CLO power consumption - W  Inrush current 20.4 A Full product code 871869997684200  Inrush time 195 ms Order product name ST770S 39S/PW930 DIA-VLC HVWB Br.  Power Consumption 32 W Order code 910505101370  Power Factor (Fraction) 0.9 Numerator - Quantity Per Pack 1  Connection Track Numerator - Packs per outer box 1  Cable - Material Nr. (12NC) 910505101370  Number of products on MCB of 16 A type B 24  Full product name ST770S 39S/PW930 DIA-VLC HVWB Br.  EAN/UPC - Case 8718699976842				200
Average CLO power consumption - W Inrush current 20.4 A Inrush time 195 ms Order product name ST770S 39S/PW930 DIA-VLC HVWB BB Power Consumption 32 W Order code 910505101370  Numerator - Quantity Per Pack 1 Numerator - Packs per outer box 1 Cable - Material Nr. (12NC) 910505101370  Full product name ST770S 39S/PW930 DIA-VLC HVWB BB Numerator - Packs per outer box 1 Full product name ST770S 39S/PW930 DIA-VLC HVWB BB EAN/UPC - Case 8718699976842	<del></del>		35555 11	
Inrush current 20.4 A  Inrush time 195 ms  Order product name ST770S 39S/PW930 DIA-VLC HVWB BB Power Consumption 32 W  Order code 910505101370  Power Factor (Fraction) 0.9 Numerator - Quantity Per Pack 1  Connection Track Numerator - Packs per outer box 1  Cable - Material Nr. (12NC) 910505101370  Number of products on MCB of 16 A type B 24  Full product name ST770S 39S/PW930 DIA-VLC HVWB BB EAN/UPC - Case 8718699976842			Product Data	
Inrush time 195 ms Order product name ST770S 39S/PW930 DIA-VLC HVWB BAREN Power Consumption 32 W Order code 910505101370  Power Factor (Fraction) 0.9 Numerator - Quantity Per Pack 1  Connection Track Numerator - Packs per outer box 1  Cable - Material Nr. (12NC) 910505101370  Number of products on MCB of 16 A type B 24 Full product name ST770S 39S/PW930 DIA-VLC HVWB BAREN EAN/UPC - Case 8718699976842  Temperature  Ambient temperature range +10 to +25 °C				871869997684200
Power Consumption 32 W Order code 910505101370  Power Factor (Fraction) 0.9 Numerator - Quantity Per Pack 1  Connection Track Numerator - Packs per outer box 1  Cable - Material Nr. (12NC) 910505101370  Number of products on MCB of 16 A type B 24 Full product name ST770S 39S/PW930 DIA-VLC HVWB BE EAN/UPC - Case 8718699976842  Temperature  Ambient temperature range +10 to +25 °C	-		- <del></del>	,
Power Factor (Fraction)  O.9  Numerator - Quantity Per Pack  Numerator - Packs per outer box  I  Cable  -  Number of products on MCB of 16 A type B  Pack  EAN/UPC - Case  Ambient temperature  +10 to +25 °C				
Connection  Track  Numerator - Packs per outer box  1  Material Nr. (12NC)  910505101370  Pumber of products on MCB of 16 A type B  EAN/UPC - Case  8718699976842  Temperature  Ambient temperature range  +10 to +25 °C	· · · · · · · · · · · · · · · · · · ·			
Cable - Material Nr. (12NC) 910505101370  Number of products on MCB of 16 A type B 24  Full product name ST770S 39S/PW930 DIA-VLC HVWB BR EAN/UPC - Case 8718699976842  Temperature  Ambient temperature range +10 to +25 °C				
Number of products on MCB of 16 A type B 24  Full product name ST770S 39S/PW930 DIA-VLC HVWB BARES ST7		-	· · · · · · · · · · · · · · · · · · ·	
Temperature         #10 to +25 °C		24		
Temperature  Ambient temperature range +10 to +25 °C	Number of products on McB of 10 A type B		- <del></del>	
Ambient temperature range +10 to +25 °C	Temperature			
	<u> </u>	+10 to +25 °C		
Controls and Dimming	getatare range			
	Controls and Dimming			
Dimmable Yes		Yes		
		· <del></del>		

## **StyliD Evo**

### Dimensional drawing





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