



# The ultimate in retail flexibility and performance

# StyliD Evo

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.

#### Renefits

- Attract shoppers with more sparkle and superior eye comfort
- $\cdot$  Easy to reposition and upgrade for frequent store updates
- · Best-in class efficacy to reduce carbon footprint and save on energy use
- · Certified as circular lighting with PerfectAccent high-efficacy reflectors

#### StyliD Evo

#### **Features**

- $\cdot$  Easy optic replacement or upgrades that require no tools
- · Available with PerfectAccent high-efficacy reflectors
- · Optional front glass (advised in dusty environments)
- Up to 6000 lm output for high installation heights
- · Available with fresh food LED lighting recipes and LED flavors
- · Wired (DALI) and wireless connectivity options
- High intensity oval beam allows increased luminaire spacing when lighting fresh food counters or wordmarks on the wall

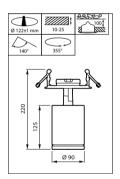
#### **Application**

- Convenience stores
- · Supermarkets & hypermarkets
- · Large Retail formats

#### **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

#### Dimensional drawing



#### **Product details**



StyliD Evo ST770B semi recessed installation rim

# **StyliD Evo**

General Information  Driver included Yes Light source replaceable No Number of gear units 1unit  Service tag Yes  Light Technical  Beam angle of light source 120 degree(s) Correlated Color Temperature (Nom) 3000 K Number of light sources 1 Optic type Oval horizontal beam  Operating and Electrical  Protection class IEC Safety class II Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Suitable for random switching No  Controls and Dimming Dimmable No  Mechanical and Housing Optical cover type - Housing Color White Mech. impact protection code IK02 Ingress protection code IK02 Ingress protection code IP20  Approval and Application  Ambient temperature range +10 to +35 °C CE mark Yes ENEC mark Flammability mark For mounting on normally flammable surfaces Glow-wire test Temperature 650 °C, duration 30 s Flickering value (PstLM) - Flickering value as per EN 61000-3-3 Stroboscopic effect visibility measure (SVM)  Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%  Product Data Product Data Product Data Product family code ST770B		
Light source replaceable No Number of gear units 1 unit Service tag Yes  Light Technical Beam angle of light source 120 degree(s) Correlated Color Temperature (Nom) 3000 K Number of light sources 1 Optic type Oval horizontal beam  Operating and Electrical Protection class IEC Safety class II Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Suitable for random switching No  Controls and Dimming Dimmable No  Mechanical and Housing Optical cover type - Housing Color White Mech. impact protection code IKO2 Ingress protection code IP20  Approval and Application Ambient temperature range +10 to +35 °C CE mark Yes ENEC mark ENEC mark Flammability mark For mounting on normally flammable surfaces Glow-wire test Temperature 650 °C, duration 30 s Flickering value (PstLM) - Flickering 1 value as per EN 61000-3-3 Stroboscopic effect visibility measure (SVM)  Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%  Product Data	General Information	
Number of gear units  Service tag  Ves  Light Technical  Beam angle of light source  Correlated Color Temperature (Nom) 3000 K  Number of light sources 1  Optic type Oval horizontal beam  Operating and Electrical  Protection class IEC Safety class II Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz  Suitable for random switching No  Controls and Dimming Dimmable No  Mechanical and Housing Optical cover type - Housing Color White Mech. impact protection code IRO2 Ingress protection code IP20  Approval and Application  Ambient temperature range +10 to +35 °C CE mark Yes ENEC mark ENEC mark Flammability mark For mounting on normally flammable surfaces  Glow-wire test Temperature 650 °C, duration 30 s Flickering value (PstLM) - Flickering 1 value as per EN 61000-3-3  Stroboscopic effect visibility measure (SVM)  Initial Performance (IEC Compliant)  Driver failure rate at 5000 h 1%	Driver included	Yes
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Light Technical  Beam angle of light source 120 degree(s)  Correlated Color Temperature (Nom) 3000 K  Number of light sources 1 Optic type Oval horizontal beam  Operating and Electrical  Protection class IEC Safety class II Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Suitable for random switching No  Controls and Dimming Dimmable No  Mechanical and Housing Optical cover type - Housing Color White Mech. impact protection code IK02 Ingress protection code IP20  Approval and Application Ambient temperature range +10 to +35 °C CE mark Yes ENEC mark ENEC mark Flammability mark For mounting on normally flammable surfaces  Glow-wire test Temperature 650 °C, duration 30 s Flickering value (PstLM) - Flickering 1 value as per EN 61000-3-3  Stroboscopic effect visibility measure (SVM)  Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%  Product Data	Number of gear units	1 unit
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Correlated Color Temperature (Nom)  Number of light sources  Optic type  Oval horizontal beam  Operating and Electrical  Protection class IEC  Input Voltage  Line Frequency  Sol to 60 Hz  Suitable for random switching  No  Controls and Dimming  Dimmable  No  Mechanical and Housing  Optical cover type  Housing Color  Mech. impact protection code  Ingress protection code	Light Technical	
Number of light sources  Optic type  Oval horizontal beam  Operating and Electrical  Protection class IEC  Input Voltage  Line Frequency  So to 60 Hz  Suitable for random switching  No  Controls and Dimming  Dimmable  No  Mechanical and Housing  Optical cover type  Housing Color  Mech. impact protection code  Ingress pr	Beam angle of light source	120 degree(s)
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Optical cover type Housing Color White Mech. impact protection code IRO2 Ingress protection code IP20  Approval and Application Ambient temperature range Final Engagement  ENEC mark ENEC mark Flammability mark For mounting on normally flammable surfaces  Glow-wire test Temperature 650 °C, duration 30 s  Flickering value (PstLM) - Flickering value as per EN 61000-3-3  Stroboscopic effect visibility measure (SVM)  Initial Performance (IEC Compliant) Luminous flux tolerance	Dimmable	No
Optical cover type Housing Color White Mech. impact protection code IRO2 Ingress protection code IP20  Approval and Application Ambient temperature range Final Engagement  ENEC mark ENEC mark Flammability mark For mounting on normally flammable surfaces  Glow-wire test Temperature 650 °C, duration 30 s  Flickering value (PstLM) - Flickering value as per EN 61000-3-3  Stroboscopic effect visibility measure (SVM)  Initial Performance (IEC Compliant) Luminous flux tolerance		
Housing Color  Mech. impact protection code IRO2 Ingress protection code IP20  Approval and Application  Ambient temperature range +10 to +35 °C CE mark Yes ENEC mark Flammability mark For mounting on normally flammable surfaces Glow-wire test Temperature 650 °C, duration 30 s Flickering value (PstLM) - Flickering 1 value as per EN 61000-3-3 Stroboscopic effect visibility measure (SVM)  Initial Performance (IEC Compliant) Luminous flux tolerance  - t/-10%  Over Time Performance (IEC Compliant) Driver failure rate at 5000 h  1%	Mechanical and Housing	
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Ingress protection code  Approval and Application  Ambient temperature range +10 to +35 °C  CE mark Yes  ENEC mark ENEC mark  Flammability mark For mounting on normally flammable surfaces  Glow-wire test Temperature 650 °C, duration 30 s  Flickering value (PstLM) - Flickering 1  value as per EN 61000-3-3  Stroboscopic effect visibility measure (SVM)  Initial Performance (IEC Compliant)  Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 1%	Housing Color	White
Approval and Application  Ambient temperature range +10 to +35 °C  CE mark Yes  ENEC mark ENEC mark  Flammability mark For mounting on normally flammable surfaces  Glow-wire test Temperature 650 °C, duration 30 s  Flickering value (PstLM) - Flickering 1  value as per EN 61000-3-3  Stroboscopic effect visibility measure (SVM)  Initial Performance (IEC Compliant)  Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 1%	Mech. impact protection code	IK02
Ambient temperature range #10 to +35 °C CE mark Yes ENEC mark ENEC mark Flammability mark For mounting on normally flammable surfaces Glow-wire test Temperature 650 °C, duration 30 s Flickering value (PstLM) - Flickering 1 value as per EN 61000-3-3 Stroboscopic effect visibility measure (SVM)  Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant) Driver failure rate at 5000 h 1%	Ingress protection code	IP20
Ambient temperature range #10 to +35 °C CE mark Yes ENEC mark ENEC mark Flammability mark For mounting on normally flammable surfaces Glow-wire test Temperature 650 °C, duration 30 s Flickering value (PstLM) - Flickering 1 value as per EN 61000-3-3 Stroboscopic effect visibility measure (SVM)  Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant) Driver failure rate at 5000 h 1%		
CE mark  ENEC mark  Flammability mark  Flammability mark  For mounting on normally flammable surfaces  Glow-wire test  Temperature 650 °C, duration 30 s  Flickering value (PstLM) - Flickering 1  value as per EN 61000-3-3  Stroboscopic effect visibility measure (SVM)  Initial Performance (IEC Compliant)  Luminous flux tolerance  +/-10%  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 1%	Approval and Application	
ENEC mark  Flammability mark  For mounting on normally flammable surfaces  Glow-wire test  Temperature 650 °C, duration 30 s  Flickering value (PstLM) - Flickering 1  value as per EN 61000-3-3  Stroboscopic effect visibility measure (SVM)  Initial Performance (IEC Compliant)  Luminous flux tolerance  +/-10%  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 1%	Ambient temperature range	+10 to +35 °C
Flammability mark For mounting on normally flammable surfaces  Glow-wire test Temperature 650 °C, duration 30 s  Flickering value (PstLM) - Flickering 1 value as per EN 61000-3-3  Stroboscopic effect visibility measure (SVM)  Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant) Driver failure rate at 5000 h 1%	CE mark	Yes
normally flammable surfaces  Glow-wire test Temperature 650 °C, duration 30 s  Flickering value (PstLM) - Flickering 1 value as per EN 61000-3-3  Stroboscopic effect visibility measure (SVM)  Initial Performance (IEC Compliant)  Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 1%	ENEC mark	ENEC mark
flammable surfaces  Glow-wire test Temperature 650 °C, duration 30 s  Flickering value (PstLM) - Flickering 1  value as per EN 61000-3-3  Stroboscopic effect visibility measure 0.5  (SVM)  Initial Performance (IEC Compliant)  Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 1%	Flammability mark	For mounting on
Glow-wire test  Temperature 650 °C, duration 30 s  Flickering value (PstLM) - Flickering value as per EN 61000-3-3  Stroboscopic effect visibility measure (SVM)  Initial Performance (IEC Compliant)  Luminous flux tolerance  +/-10%  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h  1%		normally
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Stroboscopic effect visibility measure 0.5 (SVM)  Initial Performance (IEC Compliant)  Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 1%  Product Data	Flickering value (PstLM) - Flickering	1
(SVM)  Initial Performance (IEC Compliant)  Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 1%  Product Data	value as per EN 61000-3-3	
Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant) Driver failure rate at 5000 h 1%  Product Data	Stroboscopic effect visibility measure	0.5
Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 1%  Product Data	(SVM)	
Luminous flux tolerance +/-10%  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 1%  Product Data		
Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 1%  Product Data	Initial Performance (IEC Complian	t)
Product Data	Luminous flux tolerance	+/-10%
Product Data		
Product Data	Over Time Performance (IEC Comp	pliant)
	Driver failure rate at 5000 h	1%
Product family code ST770B	Product Data	
	Product family code	ST770B

### **General Information**

Order Code	Full Product Name	Lamp family code
910500465998	ST770B LED27S/830 PSU-E OVL-H WH	LED27S
910505100014	ST770B LED39S/930 PSU-E OVL-H WH	LED39S

## **Light Technical**

## **StyliD Evo**

		Color	Luminous	
		rendering	Efficacy (rated)	Luminous
Order Code	Full Product Name	index (CRI)	(Nom)	Flux
910500465998	ST770B LED27S/830	>80	136 lm/W	2,700 lm
	PSU-E OVL-H WH			

Order Code	Full Product Name	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)	Luminous
910505100014	ST770B LED39S/930	>90	127 lm/W	3,900 lm
	PSU-E OVL-H WH			

# Operating and Electrical

Order Code	Full Product Name	Power Consumption
910500465998	ST770B LED27S/830 PSU-E OVL-H WH	19.6 W

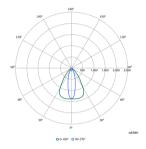
Order Code	Full Product Name	Power Consumption
910505100014	ST770B LED39S/930 PSU-E OVL-H WH	31 W

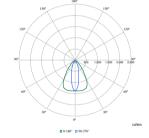
### Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
910500465998	ST770B LED27S/830 PSU-E OVL-H WH	(0.434,0.403)<3

Order Code	Full Product Name	Initial chromaticity
910505100014	ST770B LED39S/930 PSU-E OVL-H WH	(0.434,0.403)<2

## **Polar Wide Diagrams**





Polar Normal (separate) - ST770TI -910500465998 Polar Normal (separate) - ST770TI -910505100014



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