PHILIPS

Lighting

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.

Benefits

- Attract shoppers with more sparkle and superior eye comfort
- 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

- 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

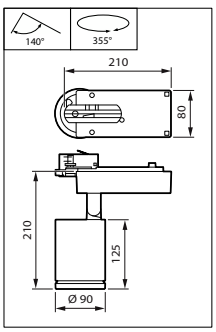
- All photometrical data is calculated without optional front glass. Flux should be reduced by 3.5% when using a front glass
- Cleaning of the optic should only be done with pressurized air. Touching the LED or reflector is forbidden. For food preparation areas and areas with high levels of dust, the 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

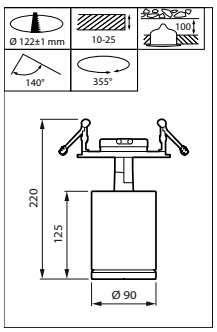
Versions

StyliD Evo Compact ST770B black, semi recessed

StyliD Evo Compact ST770T black, track version

Dimensional drawing





Product details

Aiming indication, with marking for Indoor Positioning operation

StyliD Evo Compact black, side view

StyliD Evo ST770B semi recessed installation rim

StyliD Evo Compact black, front view

OptiShield protects the optical compartment from bugs and dust

StyliD Evo Exploded View

StyliD Evo Compact in black, full rotation flexibility

StyliD Evo

General Information	
Driver included	Yes
Light source replaceable	No
Number of gear units	1 unit
Service tag	Yes

Light Technical	
Beam angle of light source	120 degree(s)

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

Mechanical and Housing	
Housing Color	Black
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 value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.5

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

Light Technical (1/2)

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)	Luminous Flux
97655200	ST770B 27S/827 DIA-VLC-E WB FG BK	2700 K	>80	125 lm/W	2,700 lm
97693400	ST770T 17S/930 PSU MB FG BK	3000 K	>90	135 lm/W	1,700 lm

Light Technical (2/2)

Order Code	Full Product Name	Optic type
97655200	ST770B 27S/827 DIA-VLC-E WB FG BK	Wide beam

Order Code	Full Product Name	Optic type
97693400	ST770T 17S/930 PSU MB FG BK	Medium beam

Operating and Electrical

Order Code	Full Product Name	Power Consumption
97655200	ST770B 27S/827 DIA-VLC-E WB FG BK	20.5 W

Order Code	Full Product Name	Power Consumption
97693400	ST770T 17S/930 PSU MB FG BK	11.8 W

Controls and Dimming

StyliD Evo

Order Code	Full Product Name	Dimmable	Embedded control	Maximum dim level
97655200	ST770B 27S/827 DIA-VLC-E WB FG BK	Yes	Visible light communication	1%

Order Code	Full Product Name	Dimmable	Embedded control	Maximum dim level
97693400	ST770T 17S/930 PSU MB FG BK	No	-	Not applicable

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
97655200	ST770B 27S/827 DIA-VLC-E WB FG BK	(0.458,0.410)<3

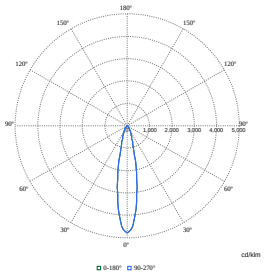
Order Code	Full Product Name	Initial chromaticity
97693400	ST770T 17S/930 PSU MB FG BK	(0.434,0.403)<2

Product Data

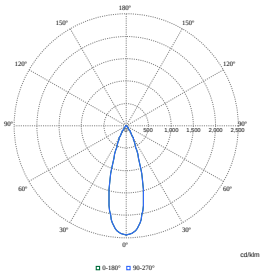
Order Code	Full Product Name	Product family code
97655200	ST770B 27S/827 DIA-VLC-E WB FG BK	ST770B

Order Code	Full Product Name	Product family code
97693400	ST770T 17S/930 PSU MB FG BK	ST770T

Polar Wide Diagrams



Polar Normal (separate) - ST770TI - 910505101378



Polar Normal (separate) - ST770TI - 910505101209