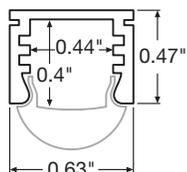


LINEARlight FLEX® Mounting Tracks

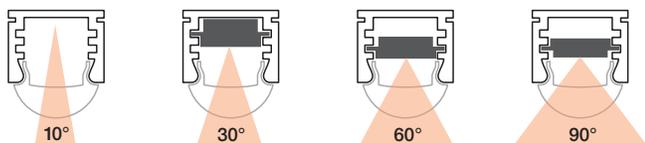
Slim Profile 1/2" Height with Adjustable Light Angle

Slim Track TU16H12LS



Enjoy full flexibility in interior lighting designs. Smoothly integrate light into architecture and lifestyle objects. The family of quick mounting tracks from OSRAM is designed to easily and seamlessly mount the LINEARlight FLEX family of LED modules into any interior application space.

The SLIM TRACK series is made for minimalistic incorporation into applications which require compact lighting solutions. At just under 1/2" in height, the TU16H12LS Slim Track can be surface mounted or recessed into a routed groove. The utility of the TU16H12LS is further enhanced with an adjustable aluminum insert that can be moved to change the beam angle produced by the LINEARlight FLEX from 10° to 90° to create the perfect wall washing or highlighting effect. Finally, the track can be finished off with custom fitted end caps to produce a truly professional result.



Key Features & Benefits

- Track ships in lengths of 9.84' (3 meters)
- Easily cut to length with a metal cutting blade
- Dedicated transparent Slim Lens that combines with the aluminum insert to deliver different light angles of 10, 30, 60 or 90 degrees
- Easily accommodates a single strip of LINEARlight FLEX
- LINEARlight FLEX products are available in a wide variety of light outputs and color temperatures to perfectly match the desired lighting design
- Fitted end caps and mounting clips are available
- Recommended for indoor applications

Application Information

Create extraordinary wall washing applications with the transparent Slim Lens that can wash large surfaces such as walls and ceilings with just the right light.

Create interior lighting that can highlight shelves, furniture, closets, retail spaces or any application that requires focused, high quality light.

Adjustable Aluminum Insert

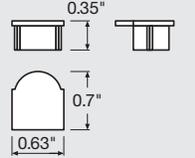
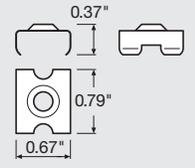
The unique characteristic of this aluminum profile is the insert that permits changing the light angle produced by the LINEARlight FLEX.

This is possible by using the transparent Slim Lens and putting the insert in the proper position: 10° degrees without insert, or 30°, 60°, 90° degrees depending on the insert position. Accessory end caps are available to finish off the design.

Ordering Information

Product Number	Description	Ordering Abbreviation	Minimum Order Quantity	PCS per shipping box
57176	Slim adjustable light angle track	FX-QMS-G1-TU16H12LS-300	1	20
57193	Slim lens cover, transparent	FX-QMS-G1-CLT-300	1	40
57194	End cap, plain	FX-QMS-G1-ELGP-TU16H12LS	Multiple of 40	400 (40 x 10)
57195	Slim track mounting bracket, type 1	FX-QMS-G1-BMZI-DIV1	Multiple of 40	400 (40 x 10)

Related Accessories

	Item Number	Description	Features
 	57193	Slim Lens Cover, transparent FX-QMS-G1-CLT-300	- Rigid transparency lens cover - Polycarbonate - Light transmission: 80%*
 	57194	End Cap, plain FX-QMS-G1-ELGP-TU16H12LS	- Polypropylene - Color: Grey
 	57195	Slim Track Mounting Bracket, Type 1 FX-QMS-G1-BMZI-DIV1	- Steel - Use to mount profiles to desired surface or connect them into one integrated fixture

*This percentage is an approximate values. The performance can vary based on the optical variables of the track and light source.

LINEARlight FLEX Compatibility Table

FX-QMS-G1-TU16H12LS-300 with connector and lens ^{1,3}	LINEARlight FLEX Products									ColorMix Products
	LF400	LF1200	LF2000	LF3000	LF4000	LF1200TW	LF2000TW	LF3000TW	LF4000TW	Colormix Colormix Protect ¹
	●	●	○	----	----	●	○	----	----	●
	Full compatibility ² : (track + LINEARlight FLEX + cover lens) tested in recessed conditions at @T ambient=25°C					Open air compatibility ² : (track + LINEARlight FLEX + cover lens) tested in free-air conditions at @T ambient=25°C				---- Track is not compatible with this configuration of LINEARlight FLEX

1. The outdoor IP67 power feed will not fit into this track - the power feed must be located externally at the end of the track.

2. Tc of the LED module must be checked (Tc<Tc max) due to the dependence on the specific installation conditions.

3. The indoor LINEARlight FLEX power feed will fit inside the track when the insert is in the 10, 30 and 60 degree configurations. The indoor power feed will not fit inside the track in the 90 degree configuration.

Assembly Information

1. The track and lenses are shipped in 9.84' lengths (3 meters). They can easily be cut to the ideal length for the application with a hacksaw, however, for a more professional finished result it is recommended that they be cut using a power miter saw with an appropriate metal cutting blade.
2. The track can be mounted on surfaces or into routed grooves with the use of heavy duty double-sided tape or other adhesive (such as silicone) or can be securely surface mounted with the accessory mounting brackets.
3. Clean the mounting surface with a multi-purpose cleaner before mounting the track using double-sided tape or adhesive.
4. Before applying the LINEARlight FLEX strip into the profile, thoroughly clean the mounting surface so it is free of dust and debris using a multi-purpose cleaner.
5. The OSRAM SLIMCONNECT power feed will fit inside the track when it is used in the 10°, 30°, and 60° configurations. The power feed will not fit inside the rack in the 90° configuration.

OSRAM SYLVANIA Inc.
200 Ballardvale Street
Wilmington, MA 01887
1-877-636-5267
ds.info@osram.com
www.osram.us/ds

OSRAM and LINEARlight FLEX are registered trademarks of OSRAM GmbH.
© 2018 OSRAM SYLVANIA Inc.

OSRAM