

# TLTO Tapelight Series

## 12VDC Wet Location High Output RGB Outdoor Tapelight Kit

### Specifications/Features

#### Tape Light Kit

Flexible, low voltage, wet location, linear LED accent lighting system provides energy-efficient illumination for outdoor applications including covers, architectural enhancements, outdoor steps or changes in elevation, etc.

**Kits consists of (1) 3.3' or 16.4' reel, (1) tube silicone sealant, (2) endcaps, (10) clear acrylic mounting clips with (20) screws, and (1) RGB remote.**

LEDs with individual Red, Green, and Blue diodes in each, can be programmed to mix and produce many colors of the visible spectrum  
1.8W/9 LEDs/73 lumens per foot of tapelight

Cuttable every 4" or (3) LEDs, at cut lines only. **One cut per reel only.** Once cut, use enclosed silicone sealant and end cap to create a water-tight seal.

**Cutting the tape terminates conductivity of the tape on the non-powered end.**

Includes 31" connector from tape to RGB controller, 5' cord from controller to input power connector.

5' input power connector with water tight plug is attached to the tape and connects into the wet rated, plug-and-play power supply or 2-way splitter. For applications requiring lengths longer than 5', the connector can be field modified. Must use appropriate components that comply with local codes (weather-proof connectors, cord covers, enclosures, etc. if outdoors).

36W and 60W plug-and-play power supplies are available, as well as a 2-way power feed splitter. Power supply and splitter sold separately.

TLTO RGB Tapelight can be programmed for various color changing effects using the RGB controller. Also compatible with DMX 512 systems.

To hardwire the tapelight, the input power connector and wires will need to be cut/stripped and connected to a hardwire power supply and should be placed in a weather-proof, code approved enclosure supplied by others.

14° - 140°F Operating temperature.

#### Mounting

The TLTO tapelight can be mounted using the self-stick adhesive backing, the enclosed acrylic mounting clips with screws, or the tape can be adhered to the aluminum mounting channels and installed with the appropriate mounting clips. Channels and channel mounting clips sold separately.

#### Warranty

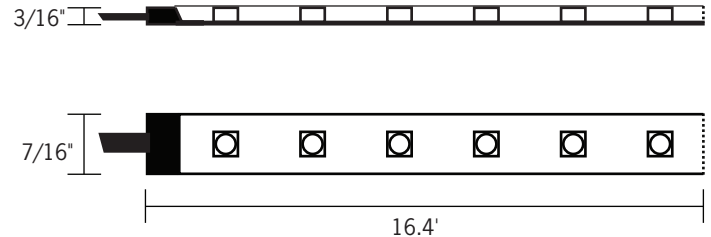
This product is covered by ConTech's full three (3) year replacement guarantee after date of purchase.

#### Listing

ETL listed

IP65

Suitable for wet locations. Not submersible.



#### TLTO12V2 Series High Output Outdoor Tapelight Driver Sizing

Watts per foot: 1.8W/ft.; Max Run: 16.4ft.

Model No.	Type	Input Voltage	Wattage	Max Load
TLPO12VP36	Plug-In	12V DC	36W	20 ft.*
TLPO12VP60	Plug-In	12V DC	60W	32.8 ft.*

\*If the max load exceeds the max run length, multiple runs from power supply may be employed as long as maximum load run is not exceeded.

### Ordering Information

Example Order:

Tapelight Series	Input Voltage	Output	Color Temperature	Length / Quantity
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**TLTO** - Kits consists of (1) 3.3' or 16.4' reel with RGB controller, (1) tube silicone sealant, (2) endcaps, (10) clear acrylic mounting clips with (20) screws, and (1) RGB remote

**12V** - 12V DC

**2** - High Output

**RGB** - Color Changing RGB

**3CR** - 3.3' Continuous Reel  
**16CR** - 16.4' Continuous Reel

# TLTO Tapelight Series

## 12VDC Wet Location High Output Accessories

Catalog No. \_\_\_\_\_

Type \_\_\_\_\_

Project \_\_\_\_\_

### Power Supplies and Accessories



**Wet Rated 36W Plug-and-Play Power Supply**  
120VAC/12VDC. Includes AC wall plug and female power output plug for easy installation. Desktop unit: 7-1/8" L x 2" W x 1-5/8" D; cord length: 6.5'.  
**TLPO12VP36**



**Wet Rated 60W Plug-and-Play Power Supply**  
120VAC/12VDC. Includes AC wall plug and female power output plug for easy installation. Desktop unit: 7-1/8" L x 2" W x 1-5/8" D; cord length: 6.5'.  
**TLPO12VP60**



**Wet Rated Plug-and-Play 2-Way Splitter**  
Includes (1) male and (2) female connectors. Approximately 22" long.  
**TLCOS2**



**Hardwire Power Supply**  
120VAC/12VDC. Includes stripped and tinned wire pig-tails on the input and outputsides. Must be maintained within an enclosure that meets local building codes and NEC (supplied by others). 2' Wire leads. **NOT UL LISTED FOR OUTDOOR USE.**

- TLP12VHW20** - 120V/20W;  
4-3/4" L x 1-3/16" W x 1" D
- TLP12VHW60** - 120V/60W;  
6-1/2" L x 1-3/4" W x 1-1/4" D
- TLP12VHW60277** - 277V/60W;  
6-1/2" L x 1-3/4" W x 1-1/4" D

### Controllers - Not UL Listed for Outdoor Use



**LED Power Repeater**  
Enables synchronized control of multiple runs from one controller. 4-3/4" L x 1-1/2" W x 1-1/2" D.  
**TLPRPT**



**0-10V Dimming Module**  
For use with standard 0-10V dimmers. Dimming down to 15%. 4-3/4" L x 1-1/2" W x 1-1/2" D.  
**TLPDIM10V**



**DMX 512 CV Decoder**  
Designed to convert universal DMX 512 signal to PWM signal when used with a DMX 512 console (by others). Can control white, single color or RGB LEDs. 6-3/16" L x 3-1/8" W x 1-5/8" D.  
**TLPINT**



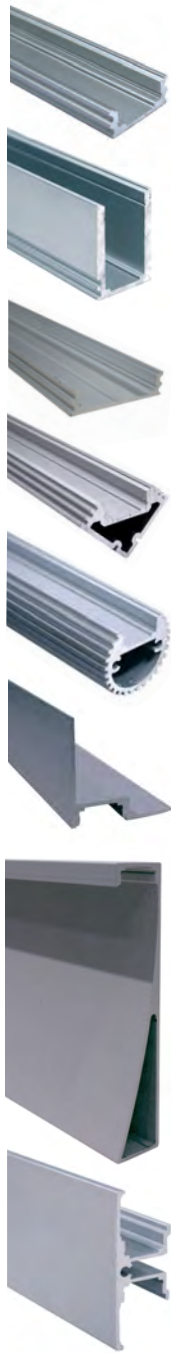
**Wall Plate Dimmer**  
Allows adjustment of the brightness of the LEDs using the knob adjustment or the IR remote control. Dimming down to 1%. 3-7/16" square x 2-1/4" deep.  
**TLPDIMWP**



**Replacement RGB Remote Control**  
Included with RGB Tapelight Kit; control for RGB tapelight. 3-1/4" L x 2" W x 1/4" D  
**TLPORGBRMT**

# TL Tapelight Series

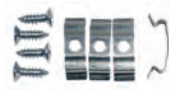
## Mounting Accessories



### Aluminum Mounting Channel

Provides excellent heat sinking and protection to the LEDs while ensuring a clean, straight run. *Outdoor/wet listed Tapelight is not compatible with channel end caps or diffusion lenses, except when using the Deep Standard Channel.*

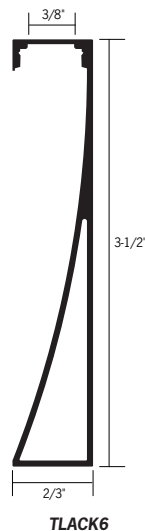
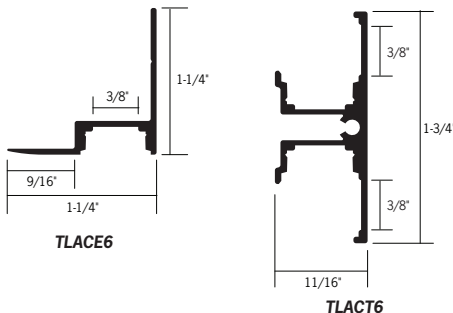
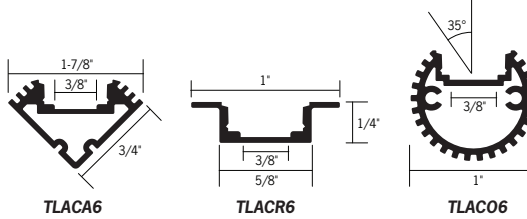
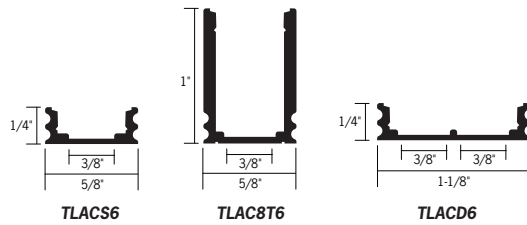
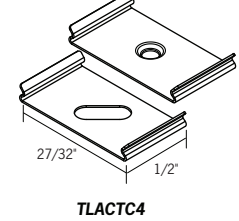
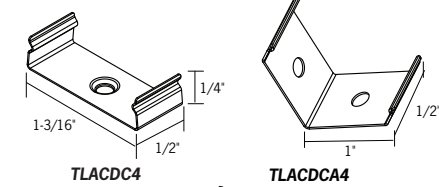
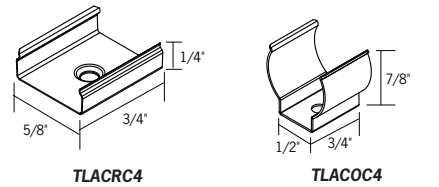
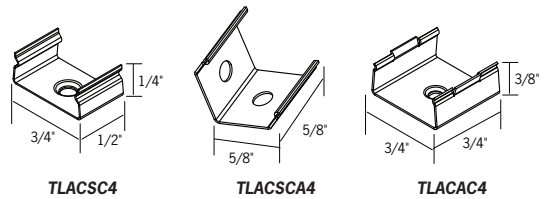
- TLACS6** - 6' Standard Channel, Aluminum
- TLACS6-B** - 6' Standard Channel, Black
- TLAC8T6** - 6' Deep Standard Channel, Aluminum
- TLAC8T6-B** - 6' Deep Standard Channel, Black
- TLACD6** - 6' Double Wide Channel, Aluminum
- TLACD6-B** - 6' Double Wide Channel, Black
- TLACA6** - 6' 45° Angled Channel, Aluminum
- TLACA6-B** - 6' 45° Angled Channel, Black
- TLACR6** - 6' Recessed Channel, Aluminum
- TLACR6-B** - 6' Recessed Channel, Black
- TLACO6** - 6' Round Channel, Aluminum
- TLACO6-B** - 6' Round Channel, Black
- TLACE6** - 6' Ceiling Edge Mount Channel, Aluminum
- TLACE6-B** - 6' Ceiling Edge Mount Channel, Black
- TLACE6-P** - 6' Ceiling Edge Mount Channel, White
- TLACK6** - 6' Toe Kick Channel, Aluminum
- TLACK6-B** - 6' Toe Kick Channel, Black
- TLACK6-P** - 6' Toe Kick Channel, White
- TLACT6** - 6' Wall Mount "T" Channel, Aluminum
- TLACT6-B** - 6' Wall Mount "T" Channel, Black
- TLACT6-P** - 6' Wall Mount "T" Channel, White



### Aluminum Channel Mounting Clips

(4) Mounting clips and (4) Philips head screws per package. 24" Between clips recommended for most applications.

- TLACSC4** - Standard Channel Mounting
- TLACSCA4** - Standard Channel, Angled Mounting
- TLACAC4** - Angled Channel Mounting
- TLACRC4** - Recessed Channel Mounting
- TLACOC4** - Round Channel Mounting
- TLACDC4** - Double Wide Channel Mounting
- TLACDCA4** - Double Wide Channel, Angled Mounting
- TLACTC4** - Wall Mount "T" Channel Mounting Clip Set



# TL Tapelight Series

## Mounting Accessories



### Acrylic Diffusion Lens

For use with mounting channel. Provides extra protection for the LEDs as well as diffusion to reduce glare. 6' L x 1/2" W. *Wet listed Tapelight is not compatible with channel end caps or diffusion lenses.*

**TLALC6** - Clear Lens

**TLALF6** - Frosted Lens

**TLALCD6** - Double Wide Clear Lens

**TLALFD6** - Double Wide Frosted Lens



### Aluminum Channel End Caps

Creates a clean finish to the mounting channel. Set of two (2) end caps; one open, one closed. *Wet listed Tapelight is not compatible with channel end caps or diffusion lenses.*

**TLACSE2** - Standard Channel End Caps, Grey

**TLACSE2-B** - Standard Channel End Caps, Black

**TLAC8TE2** - Deep Channel End Caps, Grey

**TLAC8TE2-B** - Deep Channel End Caps, Black

**TLACAE2** - Angled Channel End Caps, Grey

**TLACAE2-B** - Angled Channel End Caps, Black

**TLACRE2** - Recessed Channel End Caps, Grey

**TLACRE2-B** - Recessed Channel End Caps, Black

**TLACOE2** - Round Channel End Caps, Grey

**TLACOE2-B** - Round Channel End Caps, Black

**TLACDE2** - Double Wide Channel End Caps, Grey

**TLACDE2-B** - Double Wide Channel End Caps, Black

**TLACKE2** - Toe Kick End Caps, Grey

**TLACKE2-B** - Toe Kick End Caps, Black

**TLACKE2-P** - Toe Kick End Caps, White

**TLACTE2** - Wall Mount "T" End Caps, Grey

**TLACTE2-B** - Wall Mount "T" End Caps, Black

**TLACTE2-P** - Wall Mount "T" End Caps, White



### Wet Listed Tapelight End Caps

Included with wet listed Tapelight kit. Use with silicone sealant to create a water tight seal after tape is cut. Set of two (2) end caps.

**TLAOEC2**



### Wet Listed Tapelight Mounting Clips

Included with wet listed Tapelight kit. Four (4) mounting clips and eight (8) Philips head screws per package. 24" Between clips is recommended for most applications.

**TLAOMC4**



### Wet Listed Tapelight Silicone Sealant

Included with wet listed Tapelight kit. For securing end caps to end of tapelight to create a water-tight seal.

**TLAOSG**