

LED RIBBON TAPE

WWW.TAMLITEUSA.COM



TAMLITE
LIGHTING

6	12V DC LED KITS (TALRT SERIES)
10	24V DC LED (CSRT SERIES)
12	120V AC LED KITS (ACLRT SERIES)
14	MOUNTING CHANNELS
16	CUSTOM ORDERING
18	FAQS

ABOUT TAMLITE LIGHTING

As a company devoted to innovation and achievement, our mission is to contribute to the success of our customers by providing the highest quality products and services available on the market. By creating an environment, empowered by their integral role, we encourage active teamwork, superior quality, and dedicated staff.





WHAT IS LED RIBBON TAPE?

Easy to install & affordable accent lighting

LED Ribbon Tape is a quick and easy means of adding accent lighting to any space. The low cost and ease of installation make LED Ribbon Tape a perfect solution for simple accent lighting projects such as under cabinet lighting, or outdoor walkways.

HOW DOES IT WORK?

LEDs are attached to a flexible circuit board

Depending on the desired CRI and color temperature, LEDs are attached to a circuit board which has 3M adhesive attached. This sticky and malleable backing allows for creative and unique placements such as under cabinets, rails, on top of closets, or outdoors spaces. With extremely low operating costs and virtually no maintenance, LED Ribbon Tape is a set-and-forget accent lighting solution.



12V DC LED RIBBON TAPE

Add unique and elegant accent lighting to any room

Packaged in a simple to use 16' reel, the 12V DC LED Ribbon Tape Kit is the perfect solution for any space in need of elevated lighting design, indoors and out. Set your design apart with colors including Cool White, Warm White, and RGB. Create a more unique aesthetic using the chase tape with dynamic light effects. Additional accessories available.

- IP65 rated LED Ribbon Tape
- Red 3M 300MP Adhesive
- Cut to length on site
- Dimmable
- Purchase as kit or individually
- Available in Cool White, Warm White, Color Tuning, RGB, and Chase tape varieties



TALRT SERIES SPECIFICATIONS



Cool White
TALRT16R-CWG2



Multi-Color RGB
TALRT16R-RGBG2



Warm White
TALRT16R-WWG2



Multi-Color Chase Tape
TALRT16R-CTG2



Cool & Warm White
TALRT16R-CW/WWG2

PERFORMANCE

	Cool White	Warm White	Cool & Warm White	Multi-Color RGB	Multi-Color Chase Tape
CCT	6000K	2700K	3000K - 5000K	RGB	RGB
W/ft	1.46	1.46	4.4	2.19	2.19
lm/ft	126	120	287 - 418	Varies	Varies
Cut Length	Every 2"	Every 2"	Every 2"	Every 4"	Every 4"
Max Run Length*	32'	32'	16'	16'	16'

*See FAQ page 16 for more information.

KIT CONTENTS

To ensure your next installation goes according to plan, the LED Ribbon Tape kit includes everything you'll need for a simple installation.



*All components in kits can be purchased individually. For more detailed information, please see pages 8-9.

12V DC LED RIBBON TAPE OPTIONAL ACCESSORIES

CONNECTORS

4-Pin Connectors

Connect multiple LED ribbons together



TALRT-2WAY

Split ribbon tape line into two separate directions from one driver

TALRT-3WAY

Split ribbon tape line into three separate directions from one driver

TALRT2PSC

2" 4-pin male to splice connector cable

Splice Connectors

Connect multiple custom-cut LED ribbons together



TALRT2SC

2" splice connector cable

TALRT6SC

6" splice connector cable

TALRT12SC

12" splice connector cable

TALRT24SC

24" splice connector cable

TALRT4FTSC

4' splice connector cable

TALRT8FTSC

8' splice connector cable

TALRBSC

butt end splice connector

Seals



TALRTSPLG

IP65 sealing kit. Used to weatherproof splice connections

Clips



TALRTCLIPS

Mounting clips with included screws for extra mounting strength when necessary

CONTROLLERS

Control your LED Ribbon Tape wirelessly



RADIO FREQUENCY CONTROLLER

Allows for wireless control of your LED Ribbon Tape. Use the built-in color wheel to adjust brightness or color depending on the type of Ribbon Tape. Max range of 30' and does not require line of sight.



IR CONTROLLER

Included in the TALRT kit, this controller allows for wireless control of your LED Ribbon Tape. Controls behavior and color depending on the type of Ribbon Tape. Requires line of sight to operate.



BLUETOOTH CONTROLLER

Control your LED Ribbon Tape wirelessly from your phone.

Drivers & Amplifiers



TALRT60DWT

12V 60W dimmable transformer



TALRTDRIVER

12V 60W Driver



TALRT-AMP

Amplifier for LED Ribbon Tape



24V DC LED RIBBON TAPE

Quantity with all the quality

High-quality accent lighting in the quantities contractors need. Traditional and dimmable 24V drivers and splice connectors ranging from 2" to 8' give greater option flexibility. Create intensity with Cool White or relax with Warm White color options. Need that extra punch? Available in high lumens in both color options.

- 75/108W 24V non-dimmable drivers
- 60/96W 24V dimmable drivers
- CRI of 95
- 100' ribbon reel (IP20 rated)
- 2" - 8' splice connectors available
- Standard & high lumen options



CSRT SERIES SPECIFICATIONS



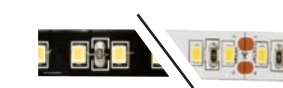
Cool White
CSRT100RB-CW
CSRT100RW-CW



High Lumen Cool White
CSRT100RB-CWHL
CSRT100RW-CWHL



Warm White
CSRT100RB-WW
CSRT100RW-WW



High Lumen Warm White
CSRT100RB-WWHL
CSRT100RW-WWHL

PERFORMANCE

	Cool White	Warm White	High Lumen Cool White	High Lumen Warm White
CCT	5000K	2700K	5000K	2700K
W/ft	1.46	1.46	2.97	2.97
lm/ft	146	132	289	259
Cut Length	4"	4"	2"	2"
Max Run Length*	50'	50'	35'	35'

*See FAQ page 19 for more information.

CONTRACTOR SERIES CONNECTORS

Bridge gaps & obstacles between 24V LED Ribbon Tape

INTERCONNECTORS	
CSRT2IC	2" Connector Cable
CSRT6IC	6" Connector Cable
CSRT12IC	12" Connector Cable
CSRT24IC	24" Connector Cable
CSRT4FTIC	4' Connector Cable
CSRT8FTIC	8' Connector Cable
CSRTBIC	Butt End Connector

CONTRACTOR SERIES DRIVERS

24V Drivers

CSRTDRIVER75HC
24V 75W non-dimmable driver for indoor use

CSRT60DWT
24V 60W dimmable low voltage transformer

CSRTDRIVER108HC
24V 108W non-dimmable driver for indoor use

CSRT96DWT
24V 96W dimmable low voltage transformer





120V AC LED RIBBON TAPE

Create incredible architectural accents

Draw the eye with accent lighting on a colossal scale. 120V power allows for extremely long runs with superior light output. IP65 rated, making the ACLRT series qualified for indoor and outdoor uses. Available in Cool White and Warm White.

- Pre-cut in 3', 12' or 48' lengths
- Includes mounting clips
- Available in Cool White and Warm White
- Linkable ends for runs longer than 48'



ACLRT SERIES SPECIFICATIONS & PERFORMANCE



Cool White 3'/12'/48'
ACLRT3KIT-CW
ACLRT12KIT-CW
ACLRT48KIT-CW



Warm White 3'/12'/48'
ACLRT3KIT-WW
ACLRT12KIT-WW
ACLRT48KIT-WW

	Cool White	Warm White
CCT	5000K	3000K
W/ft	2.73	2.73
lm/ft	167	167
Max Run Length	150'	150'

KIT CONTENTS

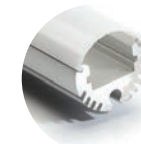
To ensure your next installation goes according to plan, the LED light kit includes everything you'll need for a simple installation.





MOUNTING CHANNELS

Allow the accent lighting to become a part of the architectural design itself. The CSRT series aluminum channels conceal the LED Ribbon Tape and provide a soft diffused quality of light in installation where the tape is exposed. The TALRT series plastic channel adds structural support to the Ribbon Tape without a lens.



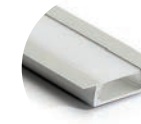
CSRTAL4RD

4' aluminum channel with a large milky lens to maximize light diffusion when mounted.



CSRTAL4CR

4' aluminum channel with a 45° angled milky lens for light diffusion in corners.



CSRTAL4SR

4' aluminum channel designed for recessed mounting. Included milky lens aids in light diffusion.



CSRTAL4SL

4' aluminum channel with slim milky lens for light diffusion of a flat surface.



TALRT4MC

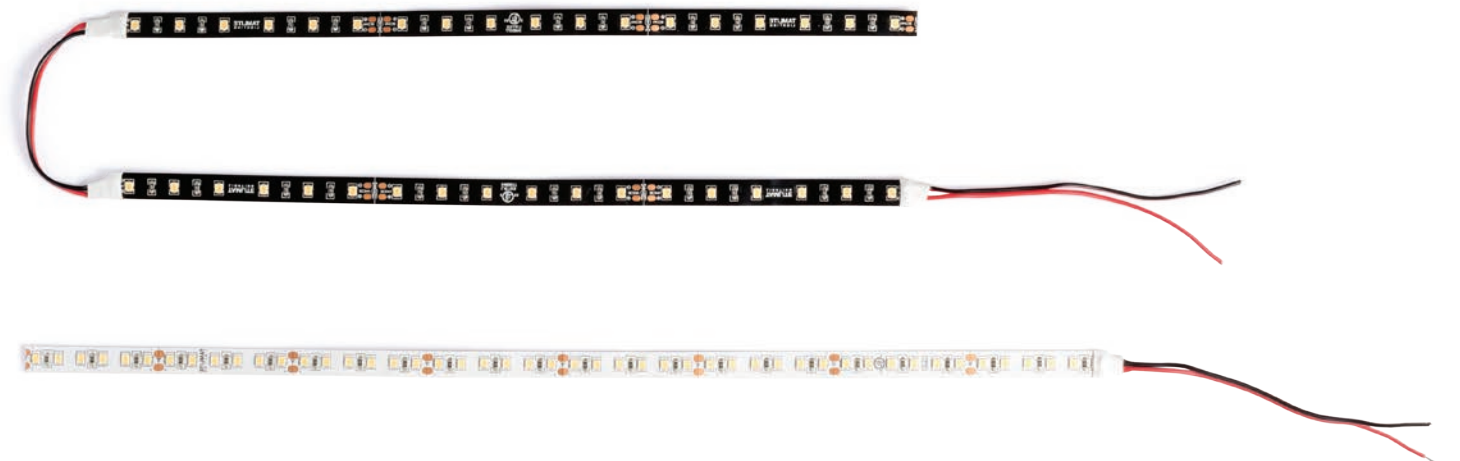
4' plastic mounting channel without a lens for mounting on flat surfaces.



GUARANTEE PERFORMANCE THROUGH CUSTOM ORDERING

Prevent technical issues by first contacting Tamlite Lighting with your exact job specifications. All we need are your desired LED Ribbon Tape and splice lengths and we can custom build LED Ribbon Tape designed around your custom application. With pre-cut LED Ribbon Tape, there is no need for tools or adjustment on the job site. Simply install and you are ready to go. No measuring, and no soldering.

Contact Tamlite Lighting at
✉ amenity@tamliteusa.com
☎ 772.879.0178



FAQ

TALRT 12V SERIES

Q: How many feet of tape can you put on one driver?

A: The distance can vary depending on the model. See our driver/distance chart.

PRODUCT	TALRTDRIVER	TALRT60DWT
TALRT16R-WWG2	32'	32'
TALRT16R-CWG2	32'	32'
TALRT16R-CW/WWG2	16'*	N/A
TALRT16R-RGBG2	16'*	N/A
TALRT16R-CTG2	16'	N/A

*If needed to run past 16', you will need to use a TALRT-AMP.

Q: Is the TALRT series LED Ribbon Tape compatible with a wall dimmer?

A: Yes, the single color units are compatible with a wall dimmer. You would need to use the TALRT60DWT driver instead of the included driver from the kit. See approved dimmer list on the product spec sheet at www.tamliteusa.com.

Q: What connectors do I need to use?

A: Splice connectors (TALRT2SC) at custom-cut connections. If you are planning on not cutting custom lengths, you do not need splice connectors.

Q: How does the TALRT series LED Ribbon Tape connect with the driver?

A: The driver connects into the IR controller and the LED Ribbon Tape connects to the controller.

Q: Can I use the TALRT series LED Ribbon Tape outside?

A: Yes, the TALRT series Ribbon Tape is IP65 (outdoor rated). However, the driver and IR receiver must be stored inside a weatherproof box. All other custom cuts must be sealed with heat shrink tubes (TALRTSPLG).

Q: Which mounting channels work with the TALRT series LED Ribbon Tape?

A: All aluminum and plastic mounting channels are compatible.

FAQ

CSRT 24V SERIES

Q: How many feet of tape can you put on one driver?

A: The distance can vary depending on the model. See our driver/distance chart.

PRODUCT	CSRT60DWT	CSRT90DWT	CSRTDRIVER75HC	CSRTDRIVER108HC
CSRT STANDARD LUMEN	32'	55'	40'	55'
CSRT HIGH LUMEN	16'	28'	20'	30'

Q: Is the CSRT series LED Ribbon Tape compatible with a wall dimmer?

A: Yes, you would need to use the CSRT60DWT or CSRT96DWT drivers. See approved dimmer list on the product spec sheet at www.tamliteusa.com.

Q: What connectors do I need to use?

A: Use the splice connectors (CSRT2SC) at custom cut connections.

Q: Can I use the CSRT series LED Ribbon Tape outside?

A: No, the CSRT series is IP20 (indoor use only) rated.

Q: What is the difference between the standard lumen and high lumen variants?

A: High lumen is significantly brighter than standard lumen. Refer to page 11 for Lumens.

Q: Is the CSRT series LED Ribbon Tape available as a kit?

A: No; the CSRT series tape and accessories are sold individually.

Q: Which mounting channels work with the CSRT series LED Ribbon Tape?

A: All aluminum and plastic mounting channels are compatible.



660 NW PEACOCK BLVD
PORT ST LUCIE, FLORIDA 34986
T: 772.878.4944
WWW.TAMLITEUSA.COM

A DIVISION OF TAMCO

Printed in USA



0382770001398726