S-CLLED Tapelight Series

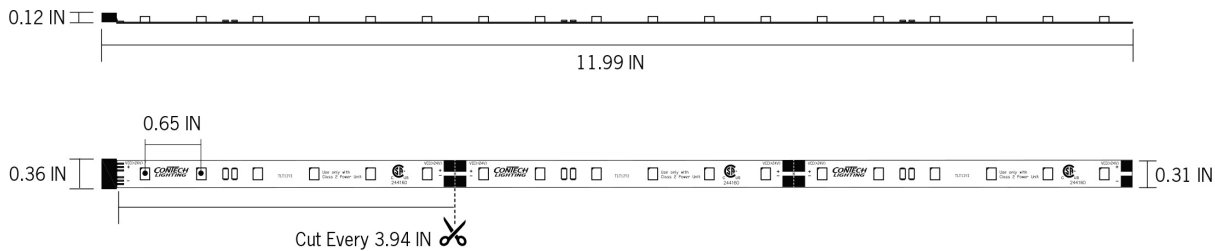## 24V Damp Location

Standard Output & High Output

Flexible Tapelight

Flexible, low voltage linear LED accent lighting system provides high quality illumination for many indoor applications including: Display Lighting, Under Cabinet, Cove and Soffit, Accent and Edge Lighting.

- High output LEDs provide excellent luminous intensities at low drive currents resulting in lower power consumption, and consistent, stable performance, delivering: 248 lumens @ 2.1w per foot - Standard Output Tape and 447 lumens @ 3.8w per foot - High Output Tape. (Delivered lumens based on 1 ft. of 3000K tape).

- Modular "plug and play" system features a wide range of power supplies, controllers and connectors. System is easy to install with no need for field soldering.

- Available in 20' reels consisting of connected, individual 12" or 4" segments. Can also be purchased in individual 12" or 4" segments.

- Each segment includes male and female connector ends for continuous linear installations. Each 12" segment can also be cut (on the cut lines) in 4" increments to provide optimal fit and flexibility for any installation.

- Easy to install using the peel & stick 3M double sided adhesive backing; tape can be directly mounted to most surfaces.

- For additional thermal heatsinking protection of the LEDs and an overall cleaner aesthetic, using any of the aluminum mounting channels is recommended. Aluminum mounting channels are easily installed utilizing the mounting clips (sold separately), which includes four (4) spring steel mounting clips and screws.

- For added protection of LEDs, as well as subtle diffusion & glare control, clear or frosted diffusion lenses are available for use with channels.

- cCSAus Certified to UL standards.

S-CLLEDT24VXK*R - Standard Output (SO)	
WATTAGE	2.1W/FT
LUMEN OUTPUT	248Lm/FT (3000K)
S-CLLEDT24VXKHO*R - High Output (HO)	
WATTAGE	3.8W/FT
LUMEN OUTPUT	447Lm/FT (3000K)
LED DENSITY	18 LED/FT (0.65" Spacing)
COLOR TEMPERATURE	2700K, 3000K, 3500K, 4000K, 6000K
CRI	80+
SYSTEM RATING	50,000 Hours @ 70% Lumen Maintenance
INPUT VOLTAGE	24V
Dimming	Dimmable using dimmable power supplies, controllers or DMX interface
AMBIENT OPERATING TEMP	-4° to 104°F (-20° to 40°C)

0.12 IN — 11.99 IN

0.65 IN — 0.36 IN — 0.31 IN

Cut Every 3.94 IN ✂

Run Lengths				
24V Power Supply Input: 24V DC	**S-CLLEDT24VXK*R Standard Output (SO), 2.1W/FT**		**S-CLLEDT24VXKHO*R High Output (HO), 3.8W/Ft**	
WATTAGE	MAX RUN	MAX SPLIT	MAX RUN	MAX SPLIT
20W	7FT	9FT	5FT	6FT
36W	11FT	16FT	7FT	9FT
60W	18FT	26FT	12FT	15FT
90W	28FT	40FT	18FT	22FT
96W	32FT	45FT	20FT	25FT

- Max split can be split more than once, without exceeding the max single run in each leg.
- Max run refers to the total single run of tapelight that can go on a power supply. Max split refers to the total amount of tapelight that can go on a driver if it were separated into two runs.
- Max run legths are calculated with 12V or 24V DC at the start of the tape run. Voltage drop may occur if not using proper wire gauge. Please refer to the voltage drop and wire length distance chart.
- Max run lengths are calculated with no more than 30% light loss from the start of the tape run to the end of tape run for optimal light consistency. If run lengths are extended beyond the recommended lengths noted above, there will be inconsistent lihgt output and voltage drop.
- Overall distance of LED tape under load (illuminated sections). If exceeded damage to the power supply and LED tape may result.

Display Supply & Lighting, Inc.
1247 Norwood Avenue
Itasca, IL 60143 USA
TF 800.468.1488
P 630.285.9660
F 630.285.9670
www.dslgroup.com

CLLED Tapelight Series

24V Standard Output, High Output, and
Super High Output Accessories

24V Plug-In Power Supplies and Accessories

Plug-and-Play Power Supply
120V/24VAC. Includes AC wall plug and female power output plug for easy installation. Class 2 listed.
For use with 24V Tapelight
36W: S-CLLEDDRIVER36/24
60W: S-CLLEDDRIVER60/24
96W: LLLVMODPOWER24V4A

Plug-and-Play Power Supply Extension
Includes male and female plug connectors.
S-CLLED48DRIVEXT
S-CLLED96DRIEXT

Plug-and-Play 2-Way Splitter
Includes (1) male and (2) female connectors.
Approximately 2' long.
S-CLLEDYCONN

Plug-and-Play 3-Way Splitter
Includes (1) male plug connector and (3) female plug connectors. Approximately 2' long.
S-CLLEDY3CONN

Input Power Connector
Includes (1) male plug connector and (1) male flex tape connector.
S-CLLEDPC12
S-CLLEDPC19

Output Power Connector
Includes (1) male plug connector and (1) female flex tape connector
S-CLLEDPT

Hardwire Power Supplies and Accessories

Hardwire Power Supply
120V/24VAC. Includes wire pigtails on input and output sides. Must be maintained within an enclosure that meets local building codes and NEC (supplied by others).
1 ft. wire leads. Class 2 recognized. For use with 24V LED Tapelight.
S-CLLEDDRIVER60/24HW
S-CLLEDDRIVER96/24V

Hardwire Class II Enclosed Driver - ENC Series
120VAC/24VDC. Dimmable Class 2 listed driver. Compact self-enclosed driver with two (2) knockouts. Auto reset and short circuit protection. Dimming with standard MLV/Incandescent TRIAC (Leading Edge) dimmers; 8W Min. load required for smooth dimming. TRIAC Dvier dimming not recommended when using TW/RGB/RGBW controllers. For use with 24V LED Tapelight
S-CLLEDDRIVER60/24ENC - 60W 24V 120VAC: 6-3/4"L x 2-2/3"W x 1-1/4"D
S-CLLEDDRIVER96/24ENC - 96W 24V 120VAC: 6-3/4"L x 2-2/3"W x 1-1/4"D

Input Power Connector
Includes wire pigtail end and (1) male flex tap connector.
S-CLLEDPC12HW
S-CLLEDPC19HW

Output Power Connector
Includes wire pigtail end and (1) female flex tape connector
S-CLLEDPCOUT

Female Connector
6" Connector includes wire pigtail end and (1) female plug connector. Used to add plug and play female connector to hardwire power supplies.
S-CLLEDFEMALEPC

Male Connector
6" Connector includes wire pigtail end and (1) male plug connector. Used for easy plug in connection to plug and play power supply; wire end can be connected to controllers at the screw terminals
S-CLLEDMALEPC

Linear Connectors

Bridge Connector
Blank section used to bridge a gap where LEDs are not necessary.
S-CLLED6CONN - 6"
S-CLLED12CONN - 12"

Cross Connector
Used to connect up to four (4) TLT segments. May be cut to create 2-way "L" connection or 3-way "T" connection.
S-CLLEDCONN

Short Female-to-Female Connector
Used to connect male to female connectors.
S-CLLEDFFCONN

CLLED Tapelight Series

24V Standard Output, High Output, and
Super High Output Accessories

Date:_____Type:_____

Client:_____

Project:_____

Controllers / Accessories

LED Power Repeater
Enables synchronized control of multiple runs
from one controller.
Use with 12V or 24V Static Color, TW, RGB or
RGBW LED Tapelight
LTPOWERREP

0-10V Dimming Module
for use with standard 0-10V dimmers.
4-3/4" L x 1-1/2" W x 1-1/2" D.
S-CLLEDDIMSA

DMX 512 CV Decoder
Designed to convert universal DMX 512 signal to
PWM signal when used with a DMX 512 console.
Use with non-dimming tapelight power supplies.
6-3/16" L x 3-1/8" W x 1-5/8" D.
Use with 12V or 24V LED Tapelight; can control
white, single color or RGB LEDs
LTDMXINTEF-840-6A

Switch, LED Tapelight IR Cabinet
Allows on/off switching functionality for use with
cabinet doors. 36W MAX. 1-1/2"L x 1-3/16"W x
5/16"H.
S-CLLEDTLPICB

Dimmer, LED Tapelight Touch
Allows adjustment of the brightness of the LEDs
by touching the controller housing. 36W MAX.
Not compatible with RGB tapelight.
1-1/2"L x 1-3/16"W x 5/16"H.
S-CLLEDTOUCHDIM

Switch, LED Tapelight IR Wireless Waving
Allows on/off switching functionality by wav-
ing an object within the IR Field. 36W MAX.
1-1/2"L x 1-3/16"W x 5/16"H.
S-CLLEDTLPIWV

Display Supply & Lighting, Inc.
1247 Norwood Avenue
Itasca, IL 60143 USA
TF 800.468.1488
P 630.285.9660
F 630.285.9670
www.dslgroup.com

CLLED
Tapelight Series
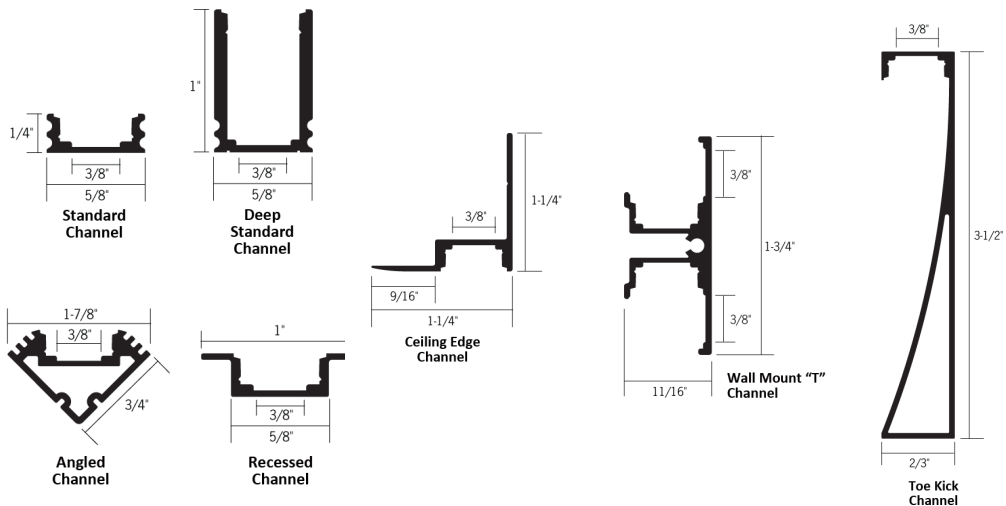## Mounting Accessories

Aluminum Mounting Channel
Provides excellent heat sinking and protection to
the LEDs while ensuring a clean, straight run.
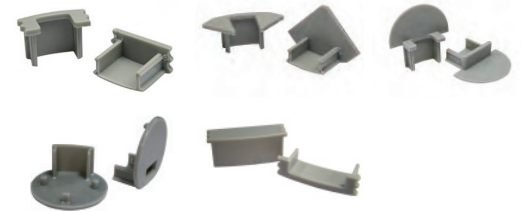6' long x 5/8" wide x 1/4" tall

S-CLLEDCHANNELSTD	6' Standard Channel, Aluminum
S-CLLEDCHANSTDB	6' Standard Channel, Black
S-CLLEDCHANANGLE	6' 45° Angled Channel, Aluminum
S-CLLEDCHANANGLEBL	6' 45° Angled Channel, Black
S-CLLEDCHANRECESSED	6' Recessed Channel, Aluminum
S-CLLEDCHANREC-BL	6' Recessed Channel, Black
S-CLLEDCHANRND	6' Round Channel, Aluminum
S-CLLEDCHANRNDB	6' Round Channel, Black
S-CLLEDCHANDBL	6' Double Wide Channel, Aluminum
S-CLLEDCHANDBLB	6' Double Wide Channel, Black
S-CLLEDCHANDEEP	6' Deep Standard Channel, Aluminum
S-CLLEDCHANDEEPB	6' Deep Standard Channel, Black
S-CLLEDCHANEDGE	6' Ceiling Edge Mount Channel, Aluminum
S-CLLEDCHANEDGEB	6' Ceiling Edge Mount Channel, Black
S-CLLEDCHANEDGEP	6' Ceiling Edge Mount Channel, White
S-CLLEDCHANTOE	6' Toe Kick Channel, Aluminum
S-CLLEDCHANTOEB	6' Toe Kick Channel, Black
S-CLLEDCHANTOEP	6' Toe Kick Channel, White
S-CLLEDCHANT	6' Wall Mount "T" Channel, Aluminum
S-CLLEDCHANTB	6' Wall Mount "T" Channel, Black
S-CLLEDCHANTP	6' Wall Mount "T" Channel, White

End Caps
Creates a clean finish to the mounting channel.
Set of two (2) end caps; one open, one closed.

S-CLLEDCHANSTDEND	Standard, Grey
S-CLLEDCHANSTDENDB	Standard, Black
S-CLLEDCHANNEL-ANGEND	Angled, Grey
S-CLLEDCHANNEL-ANGENDB	Angled, Black
S-CLLEDRECHANEND	Recessed, Grey
S-CLLEDRECHANENDB	Recessed, Black
S-CLLEDCHANENDRND	Round, Grey
S-CLLEDCHANENDRNDB	Round, Black
S-CLLEDCHANENDDBL	Double Wide, Grey
S-CLLEDCHANENDDBLB	Double Wide, Black
S-CLLEDCHANDEEPEND	Deep Standard, Grey
S-CLLEDCHANDEEPENDB	Deep Standard, Black

Standard Channel — 1/4", 3/8", 5/8"

Deep Standard Channel — 1", 3/8", 5/8"

Angled Channel — 1-7/8", 3/8", 3/4"

Recessed Channel — 1", 3/8", 5/8"

Ceiling Edge Channel — 3/8", 1-1/4", 9/16", 1-1/4"

Wall Mount "T" Channel — 3/8", 1-3/4", 3/8", 11/16"

Toe Kick Channel — 3/8", 3-1/2", 2/3"

Display Supply & Lighting, Inc.
1247 Norwood Avenue
Itasca, IL 60143 USA
TF 800.468.1488
P 630.285.9660
F 630.285.9670
www.dslgroup.com

CLLED
Tapelight Series
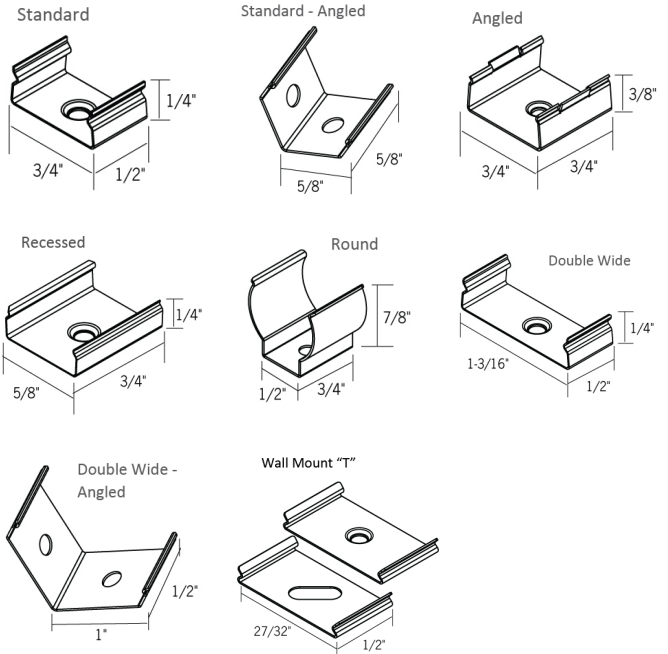
Mounting Accessories

Date:_____Type:_____

Client:_____

Project:_____

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

S-CLLEDCHANCLIP-STD	Standard Channel Mounting
S-CLLEDCHANSTDANGLE	Standard Channel, Angled Mounting
S-CLLEDCHANCLIP-ANG	Angled Channel Mounting
S-CLLEDCHANCLIP-REC	Recessed Channel Mounting
S-CLLEDCHANCLIP-RND	Round Channel Mounting
S-CLLEDCHANCLIP-DBL	Double Wide Channel Mounting
S-CLLEDCHANCLIP-DBLANG	Double Wide Channel, Angled Mounting
S-CLLEDCHANTCLIP	Wall Mount "T" Channel Mounting Clip Set

Standard
Standard - Angled
Angled
1/4"
3/4" 1/2"
5/8"
5/8"
3/8"
3/4" 3/4"

Recessed
Round
Double Wide
1/4"
5/8" 3/4"
7/8"
1/2" 3/4"
1/4"
1-3/16" 1/2"

Double Wide - Angled
Wall Mount "T"
1/2"
1"
27/32" 1/2"

Acrylic Diffusion Lens
For use with mounting channel. Provides extra protection for the LEDs as well as diffusion to reduce glare.

S-CLLEDDIFFCLEAR - Clear Lens
S-CLLEDDIFFUSERNEW - Frosted Lens

S-CLLEDDIFFDBL - Double Wide Clear Lens
S-CLLEDDIFFDBLF - Double Wide Frosted Lens

DS&L
Display Supply & Lighting, Inc.®