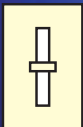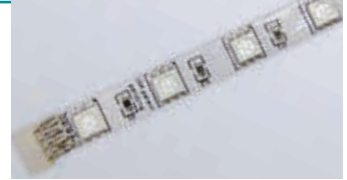# LED Tape Light

NSL

NSL offers a large variety of LED Tape Light
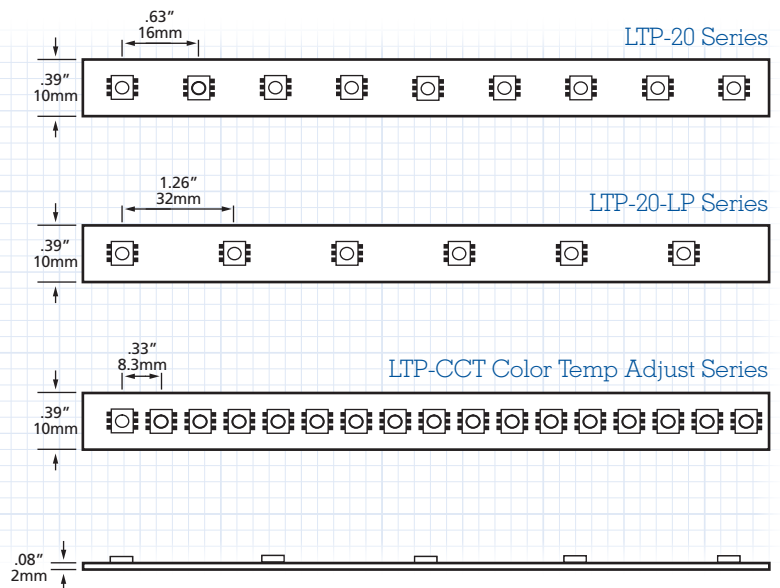ranging from 2.1 watts per foot to 5.8 watts per foot.

DIMMABLE!

LED Tape Light combines high light output associated with standard fixtures with unique flexibility allowing it to be concealed in the tiniest of coves, under cabinets or showcases. It is also available in an outdoor version for patios, decks, back lighting and many more applications. It delivers remarkable light output at just 2.1 – 5.8 watts per foot depending upon model chosen. Our extrusions are ideal for recessed or in cabinet applications. LED Strip is also available in RGB color change for dramatic effects!

Features

✔ High brightness 5060 SMD LEDs (3528 for color adjust series)

✔ Field cuttable every 4" for LTP-20 High Power model and every 6.5" for LTP-20-LP low power model

✔ Low power consumption

✔ Available in 20' (6.1m) rolls

✔ LTP-CCT available in 16' (4.8m)

✔ Safe, 24V class 2 power supplies (sold separately)

✔ Fully dimmable with dimmable power supplies (sold separately)

✔ 120° viewing angle

✔ Available in Cool White (6500K), Warm White (3000K), RGB Color Change and Color Adjust (2500K – 7000K)

✔ Long life 50,000 hours

✔ High lumen output 325 lm/ft (304mm) for Cool White

✔ High lumen output 285 lm/ft (304mm) for Warm White

✔ Available in outdoor or indoor models

✔ 3 year limited warranty

LTP-20 Series
.63"
16mm
.39"
10mm

LTP-20-LP Series
1.26"
32mm
.39"
10mm

LTP-CCT Color Temp Adjust Series
.33"
8.3mm
.39"
10mm

.08"
2mm

LED Tape Light

Color Adjust Tape Light

New LTP-CCT Color Adjust Tape Light allows you to change the color temperature of the tape light from Cool White (7000K) to Warm White (2500K) with our easy to use hand held remote controller. It is available in both indoor and outdoor models and can be run up to 16' maximum length. Color adjust feature allows you to change the mood of your surroundings easily. Ideal for task lighting such as under counters, coves and countless other applications, this versatile product can be ordered in custom lengths prepared within 24 hours at your request.

Applications

- Aisle and stairway lighting
- Cabinet and cove lighting
- Deck and patio lighting
- Pathway lighting
- Building facades and outlines
- Back lighting
- Showcase lighting
- Linear decorative lighting

Specifications

LED Type	High Brightness 5060 SMD LEDs, 3528 SMD for LTP-CCT color adjust
# of LEDs per foot (304mm)	18 for LTP-20 series, 9 for LTP-20-LP series, 36 for LTP-CCT color adjust
Viewing Angle	120°
LED Life	50,000 hours to 70% initial lumen output
Color Temperature	Warm White 3000K, Cool White 6500K, CCT Color Adjust Series 2500K – 7000K
Lumen Output 5060-60 series	325 Lumens per ft Cool White, 285 Lumens per ft Warm White
Lumen Output 5060-30 series	165 Lumens per ft Cool White, 145 Lumens per ft Warm White
Lumen Output LP-CCT series	300 Lumens per ft average
Efficacy	75 LPW Cool White, 66 LPW Warm White
Custom Cuttable	4" LTP-20 Series, 6.5" LTP-20-LP Series. 2" LTP-CCT Series
Operating Voltage	24V DC
Maximum Single Run	LTP-20 Series 20', LTP-20-LP Series 40', CCT Color Adjust Series 16', RGB series 20'
Power Consumption	4.3W/ft LTP-20 Series, 2.2 W/ft LTP-20-LP Series, 5.8W/ft CCT Series
LED Spacing	16mm for LTP-20 Series, 32mm for LTP-20-LP Series, 8.3mm CCT series
Approvals	ETL

NSL

Accessories

LTP-001-6R / LTP-001-12R
6' OR 12' Power feed connector for single color indoor. Add "-L" to code for opposite end, add "-CL" for through wall connections.
LTP-001-CCT-6
6' Power feed connector for CCT series indoor.

LTP-002
In-line connector for single color indoor.
LTP-002-CCT
In-line connector for CCT series indoor.

LTP-001-RGB-6R
72" Power feed connector for RGB indoor. Add "-L" for opposite end.

LTP-002-RGB
In-line connector for RGB indoor.

LTP-STP-6IN 5.9" (15cm)
LTP-STP-2IN 2" (5cm)
LTP-STP-2 2' (61cm)
LTP-STP-12 12' (3.65m)
In line connector for single color indoor.

LTP-001-RGB-6IN 5.9" (15cm)
LTP-001-RGB-2IN 2" (5cm)
In line connector for RGB indoor.

LTP-001-OD-6FT
72" Power feed connector for single color outdoor

LTP-RGB-001-OD-6FT
72" Power feed connector for RGB outdoor

LMSII-001
Terminal block and junction box for connection to additional lengths of power cable if needed.

LV-FS-MC-004
Mounting clips

LV-FS-EC-001
End caps

LV-RF103EXSS
6' RF extension cable for RGB Tape Light
LTP-RGB-STP-OD-6IN
6" step connector for outdoor RGB Tape Light

LTP-003-6DC
DC connector for LED Tape Light with 6" wire and DC connector

LTP-010-S
Clear U channel

LV-LB-W3-FR†
Recessed aluminum extrusion and frosted PC cover

LV-LB-D3-FR†
Surface mounted aluminum extrusion and frosted PC cover

LV-LB-V3-FR†
Corner surface mounted aluminum extrusion and frosted PC cover

† Extrusions come in 39.37" (1 metre) lengths.
End caps and mounting clips are available, sold separately.

Indoor/Outdoor Dimmable Drivers

See page 57 - 58 for driver selection guide and details of use. See page 26 for list of compatible dimming systems.

TRE24L40DC
Max recommended load 36W or 8' LED Strip, min 8W or 2' LED Strip
6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

TRE24L96DC
Max recommended load 90W or 20' LED Strip, min 8W or 2' LED Strip
6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

Non Dimmable Drivers

LEDDR-24-120W
Indoor/Outdoor driver
LED Tape Light: Max. recommended load 90W or 20' (6.1m) per single tap, 120W or 28' (8.53m) combined two secondary taps.
CCT series: 16' (4.88m) per single tap, 22' (6.71m) combined two secondary taps.
120W hardwire
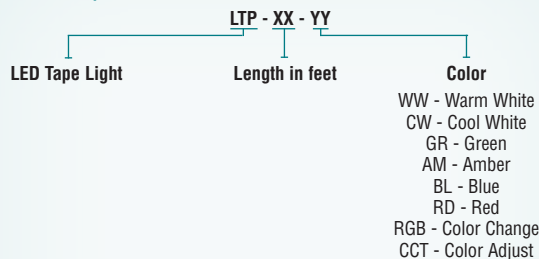Input: 100 - 240V AC
Output: 24V DC
10" x 3 3/8" x 3 3/16" (254 x 85.7 x 80.9mm)

NOTE: Above maximum and minimum lengths are for LTP-20 Series. You may **double these when using LTP-20-LP Series** and **multiply x .8 when using with LTP-CCT Color Temp Adjust Series**.
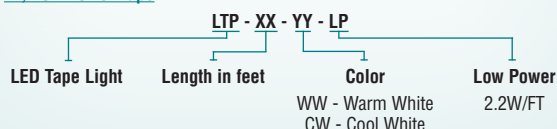
For a complete list of RGB controllers, color temperature controllers and control accessories please see page 59.

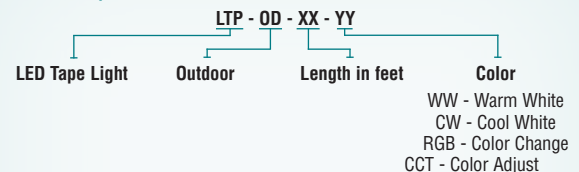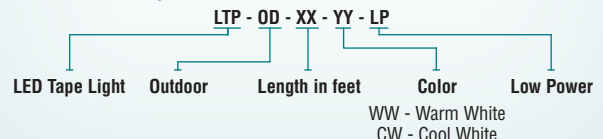## Product Codes – Indoor LED Tape Light

Standard Tape

LTP - XX - YY

LED Tape Light | Length in feet | Color
WW - Warm White
CW - Cool White
GR - Green
AM - Amber
BL - Blue
RD - Red
RGB - Color Change
CCT - Color Adjust

LP, Low Power Tape

LTP - XX - YY - LP

LED Tape Light | Length in feet | Color | Low Power
WW - Warm White | 2.2W/FT
CW - Cool White

Product Codes – Outdoor LED Tape Light

Standard Tape

LTP - OD - XX - YY

LED Tape Light | Outdoor | Length in feet | Color
WW - Warm White
CW - Cool White
RGB - Color Change
CCT - Color Adjust

LP, Low Power Tape

LTP - OD - XX - YY - LP

LED Tape Light | Outdoor | Length in feet | Color | Low Power
WW - Warm White
CW - Cool White

Each 20' (16' for CCT) roll of Tape Light includes power feeds

LED eSTRIP

LED eStrip is our most versatile linear lighting product.
Now with 3014 type LEDs, LED eSTRIP is brighter and better than ever!

**Now Available in
RGB Color Change and
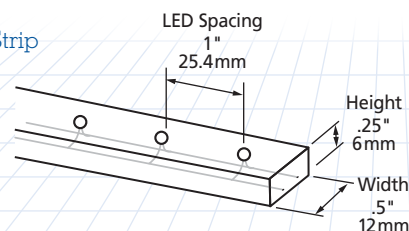High Power (50% Brighter) versions!**

DIMMABLE!

LED eSTRIP (eSTRIP) is an indoor / outdoor flexible light strip that is an economical alternative to neon. Made with ultra bright 3014 type LEDs encased in a durable PVC flexible extrusion, eSTRIP provides a clean neon look at a fraction of the price and 1/10th the energy consumption. LED eSTRIP is ETL approved and is **fully field cuttable** making it very simple to install. A variety of mounting accessories and power supplies further enhance ease of installation. Safe 24 Volt operation and low energy consumption make eSTRIP a very practical product.
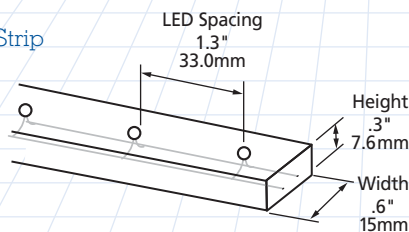
Features

✔ 40,000 hour life
✔ Safe low voltage (24V)
✔ Virtually maintenance free
✔ Ultra low power consumption
✔ Crushproof to 100psi
✔ Field cuttable
✔ Inter-connectable
✔ Highly flexible (min. bend radius 1.5")
✔ Indoor/outdoor use
✔ Impact resistant
✔ Six brilliant colors plus RGB Color Change
✔ Dimmable
✔ 2 year limited warranty

LED eStrip

LED Spacing 1" 25.4mm
Height .25" 6mm
Width .5" 12mm

RGB eStrip

LED Spacing 1.3" 33.0mm
Height .3" 7.6mm
Width .6" 15mm

Applications

- Building outlines
- Coves
- Stairway and aisle lighting
- Signage
- Backlit panels
- Decks
- Edgelit glow
- Emergency lighting
- Pathway lighting
- Billboards
- Highlighting architectural features
- Over/Under cabinets

NATIONAL SPECIALTY LIGHTING