# LED Tape Light
# High Power Indoor

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

DIMMABLE

## High Power Single Color
## LTP-20 Series

### Features

- 50,000 hours life
- High brightness 5060 SMD LEDs
- Field cuttable
- Low power consumption
- Available in 20' (6.1m) rolls (custom cuts available)
- Safe, 24V class 2 power supplies (sold separately)
- Fully dimmable with dimmable power supplies (sold separately)
- 20' spools come with 6 ft. pre-soldered power feeds
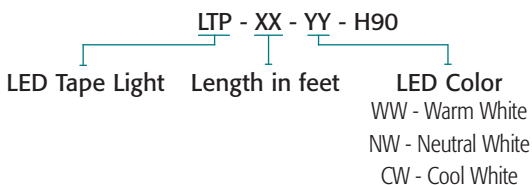- 3 year limited warranty

### Applications

- Aisle and stairway lighting
- Cabinet and cove lighting
- Back lighting
- Showcase lighting
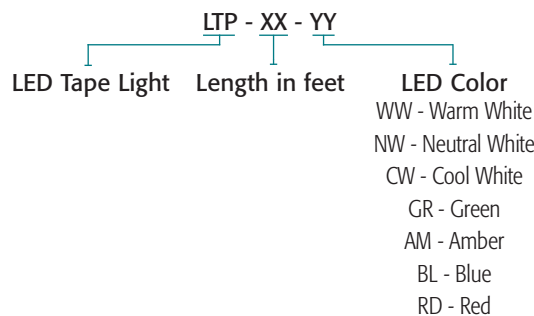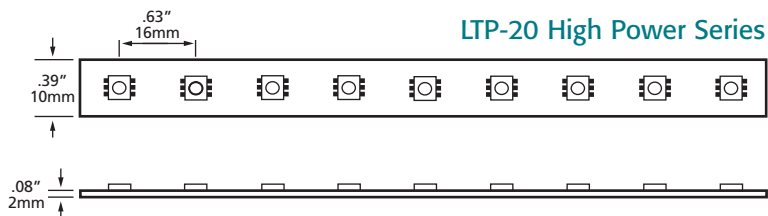- Linear decorative lighting

### Specifications

| | |
|---|---|
| Electrical | 24V DC, 4.3W/ft |
| LED Type | High Brightness 5060 SMD LEDs |
| Viewing Angle | 120° |
| LED Life | 50,000 hours to 70% initial lumen output |
| LED Spacing | 16mm |
| # of LEDs per foot (304mm) | 18 |
| Maximum Single Run | 20' |
| Custom Cuttable | 4" |
| Lumen Output | 325 Lumens per ft Cool White, 300 Lumens per ft Neutral White 285 Lumens per ft Warm White |
| Efficacy | 75 LPW Cool White, 70 LPW Neutral White, 66 LPW Warm White |
| Color Temperature | Warm White 3000K, Neutral White 4000K, Cool White 6500K |
| CRI | > 80 , >90 (H90) |
| Approvals | cETLus |

### 90 CRI Product Codes

**LTP - XX - YY - H90**

LED Tape Light    Length in feet    LED Color
WW - Warm White
NW - Neutral White
CW - Cool White

### 80 CRI Product Codes

**LTP - XX - YY**

LED Tape Light    Length in feet    LED Color
WW - Warm White
NW - Neutral White
CW - Cool White
GR - Green
AM - Amber
BL - Blue
RD - Red

## LTP-20 High Power Series

.63"
16mm

.39"
10mm

.08"
2mm

## Accessories

**LTP-001-6R**
72" Power feed connector for single color indoor. Add "-L" to code for opposite end, add "-CM" for through wall connections.

**LTP-001-12R**
12FT Power Feed Connector.

**LTP-002**
In-line connector for single color indoor.

**LTP-TBC**
Terminal block connector for power feed and in-line connections

**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.

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

**LTP-010-S**
Clear PVC mounting "U" channel

**LTP-003-6DC**
DC connector for LED strip series with 6" wire and DC connector

**LV-SPIR-1CH-LV**
PIR Motion Sensor, 1 Channel, 24V DC

## Indoor/Outdoor Dimmable Drivers

**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
Max. recommended load 90W or 20' (6.1m) per single tap, 120W or 27' (8.23m) 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)

## Non-dimmable Plug In Drivers

**LMS-24-18W**
**LMS-24-60W**

# LED Tape Light
# Low Power Indoor

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

DIMMABLE

## Low Power Single Color
## LTP-20-LP Series

### Features

- 50,000 hours life
- High brightness 5060 SMD LEDs
- Field cuttable
- Low power consumption
- Available in 20' (6.1m) rolls (custom cuts available)
- Safe, 24V class 2 power supplies (sold separately)
- Fully dimmable with dimmable power supplies (sold separately)
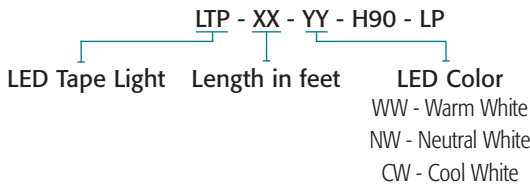- 20' spools come with 6 ft. pre-soldered power feeds
- 3 year limited warranty

### Applications

- Aisle and stairway lighting
- Cabinet and cove lighting
- Back lighting
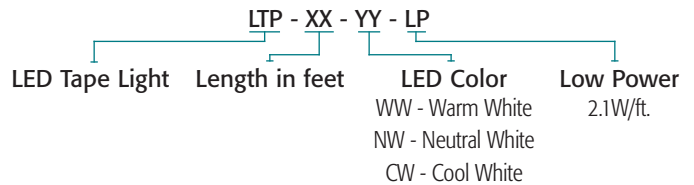- Showcase lighting
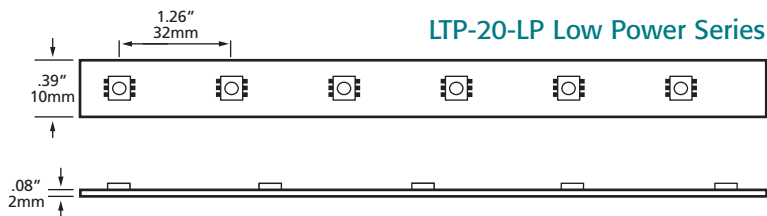- Linear decorative lighting

### Specifications

| | |
|---|---|
| Electrical | 24V DC, 2.1W/ft |
| LED Type | High Brightness 5060 SMD LEDs |
| Viewing Angle | 120° |
| LED Life | 50,000 hours to 70% initial lumen output |
| LED Spacing | 32mm |
| # of LEDs per foot (304mm) | 9 |
| Maximum Single Run | 40' |
| Custom Cuttable | 6.5" |
| Lumen Output | 165 Lumens per ft Cool White, 150 Lumens per ft Neutral White 145 Lumens per ft Warm White |
| Efficacy | 75 LPW Cool White, 72 LPW Neutral White, 66 LPW Warm White |
| Color Temperature | Warm White 3000K, Neutral White 4000K, Cool White 6500K |
| CRI | > 80 , >90 (H90) |
| Approvals | cETLus |

## 90 CRI Product Codes

**LTP - XX - YY - H90 - LP**

LED Tape Light    Length in feet    LED Color
WW - Warm White
NW - Neutral White
CW - Cool White

## 80 CRI Product Codes

**LTP - XX - YY - LP**

LED Tape Light    Length in feet    LED Color    Low Power
WW - Warm White   2.1W/ft.
NW - Neutral White
CW - Cool White

**LTP-20-LP Low Power Series**

1.26"
32mm

.39"
10mm

.08"
2mm

## Accessories

**LTP-001-6R**
72" Power feed connector for single color indoor. Add "-L" to code for opposite end, add "-CM" for through wall connections.

**LTP-001-12R**
12FT Power Feed Connector.

**LTP-002**
In-line connector for single color indoor.

**LTP-TBC**
Terminal block connector for power feed and in-line connections

**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.

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

**LTP-010-S**
Clear PVC mounting "U" channel

**LTP-003-6DC**
DC connector for LED strip series with 6" wire and DC connector

**LV-SPIR-1CH-LV**
PIR Motion Sensor, 1 Channel, 24V DC

## Indoor/Outdoor Dimmable Drivers

**TRE24L40DC**
Max recommended load 36W or 16' LED Strip, min 8W or 4' LED Strip
6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

**TRE24L96DC**
Max recommended load 90W or 40' LED Strip, min 8W or 4' LED Strip
6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

## Non Dimmable Drivers

**LEDDR-24-120W**
Indoor/Outdoor driver
Max. recommended load 90W or 40' (12.1m) per single tap, 120W or 56' (17m) 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)

## Non-dimmable Plug In Drivers

**LMS-24-18W**
**LMS-24-60W**

# LED Tape Light
# High Power RGB Indoor

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

## High Power RGB
## LTP-20-RGB Series

## Features

- 50,000 hours life
- High brightness 5060 SMD LEDs
- Field cuttable
- Low power consumption
- Available in 20' (6.1m) rolls
- 20' spools come with 6 ft. pre-soldered power feeds
- Safe, 24V class 2 power supplies (sold separately)
- Controllers sold separately
- 3 year limited warranty

## Applications

- Aisle and stairway lighting
- Cabinet and cove lighting
- Back lighting
- Showcase lighting
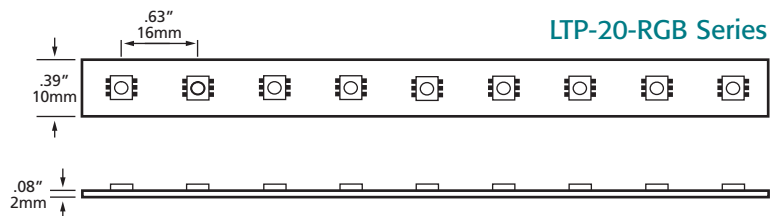- Linear decorative lighting

## Specifications

| | |
|---|---|
| Electrical | 24V DC, 4.3W/ft |
| LED Type | High Brightness 5060 SMD LEDs |
| Viewing Angle | 120° |
| LED Life | 50,000 hours to 70% initial lumen output |
| LED Spacing | 16mm |
| # of LEDs per foot (304mm) | 18 |
| Maximum Single Run | 20' |
| Custom Cuttable | 4" |
| CRI | > 80 |
| Approvals | cETLus |

NOTE: Controllers and signal amplifiers on page 119.

## Product Codes

LTP - 20 - YY

LED Tape Light          LED Color
                        RGB - Color Change

**LTP-20-RGB Series**

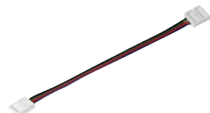.63"
16mm

.39"
10mm

.08"
2mm

## Accessories

**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-001-RGB-6IN**
6" In-line connector for RGB indoor.

**LTP-001-RGB-2IN**
2" In-line connector for RGB indoor.

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

**LV-RF103EXSS**
6" RF extension cable for RGB strip series

**LTP-010-S**
Clear PVC mounting "U" channel

**LT-09S-RF**
6 Key RGB "touch" controller 12/24V DC

**LN-CON-WIFI-3CH-XV**
WiFi controller for RGB, CCT, and dimming, c/w RF remote 12/24VDC

## Non Dimmable Drivers

**LEDDR-24-120W**
Indoor/Outdoor driver
Max. recommended load 90W or 20' (6.1m) per single tap, 120W or 27' (8.23m) 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)

# LED Tape Light
# High Power RGBW Indoor

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

## High Power RGBW
## LTP-20-RGBW Series

### Features

- 50,000 hours life
- High brightness 5050 SMD LEDs
- Field cuttable
- Low power consumption
- Available in 20' (6.1m) rolls
- RGB color change plus WW, NW, CW color temperatures
- 20' spools come with 6 ft. pre-soldered power feeds
- Safe, 24V class 2 power supplies (sold separately)
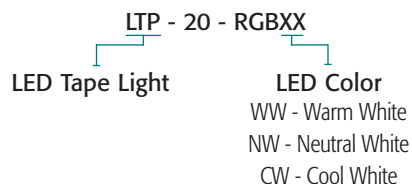- 3 year limited warranty

### Applications

- Aisle and stairway lighting
- Cabinet and cove lighting
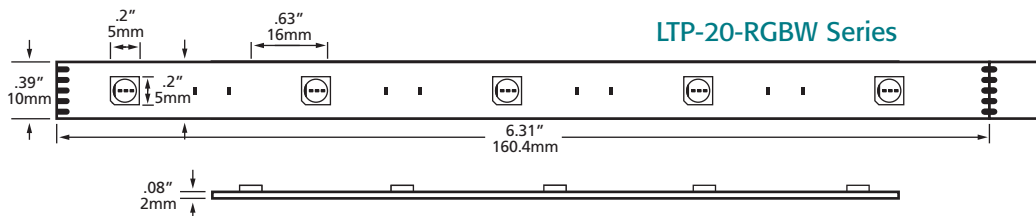- Back lighting
- Showcase lighting
- Linear decorative lighting

### Specifications

| | |
|---|---|
| Electrical | 24V DC, 3.5W/ft |
| LED Type | High Brightness 5050 SMD LEDs |
| Viewing Angle | 120° |
| LED Life | 50,000 hours to 70% initial lumen output |
| LED Spacing | 16mm |
| # of LEDs per foot (304mm) | 18 |
| Maximum Single Run | 20' |
| Color Temperature | RGBWW = 3000K<br>RGBNW = 4000K<br>RGBCW = 6500K |
| Custom Cuttable | 4" |
| CRI | > 80 |
| Approvals | cETLus |

*NOTE: Controllers and signal amplifiers on page 119.*

### Product Codes

**LTP - 20 - RGBXX**

**LED Tape Light**          **LED Color**
WW - Warm White
NW - Neutral White
CW - Cool White

**LTP-20-RGBW Series**

.2" 5mm  .63" 16mm

.39" 10mm

.2" 5mm

6.31" 160.4mm

.08" 2mm

## Accessories

**LTP-001-RGBW-6**
72" Power feed connector for RGBW indoor.

**LTP-001-RGBW-12**
144" Power feed connector for RGBW indoor.

**LTP-002-RGBW**
In-line connector for RGBW indoor.

**LTP-001-RGBW-6IN**
6" In-line connector for RGBW indoor.

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

**LTP-010-S**
Clear PVC mounting "U" channel

**LT-11S-RF**
RGBW controller

## Non Dimmable Drivers

**LEDDR-24-120W**
Indoor/Outdoor driver
Max. recommended load 90W or 25' (7.6m) per single tap,
120W or 34' (10m) 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)

# LED Tape Light
# Low Power RGB Indoor

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

## Low Power RGB
## LTP-20-RGB-LP Series

## Features

- 50,000 hours life
- High brightness 5060 SMD LEDs
- Field cuttable
- Low power consumption
- Available in 20' (6.1m) rolls
- 20' spools come with 6 ft. pre-soldered power feeds
- Safe, 24V class 2 power supplies (sold separately)
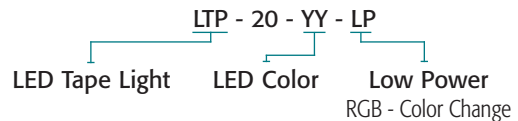- 3 year limited warranty

## Applications

- Aisle and stairway lighting
- Cabinet and cove lighting
- Back lighting
- Showcase lighting
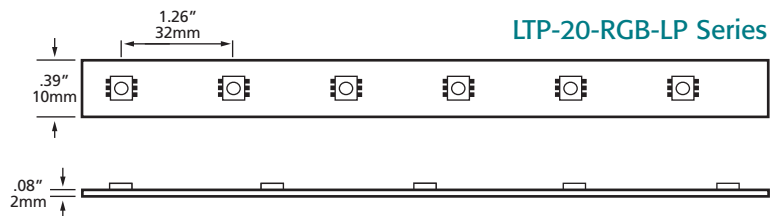- Linear decorative lighting

## Specifications

| Electrical | 24V DC, 2.1W/ft |
|---|---|
| LED Type | High Brightness 5060 SMD LEDs |
| Viewing Angle | 120° |
| LED Life | 50,000 hours to 70% initial lumen output |
| LED Spacing | 32mm |
| # of LEDs per foot (304mm) | 9 |
| Maximum Single Run | 40' |
| Custom Cuttable | 6.5" |
| CRI | > 80 |
| Approvals | cETLus |

NOTE: Controllers and signal amplifiers on page 119.

## Product Codes

LTP - 20 - YY - LP

LED Tape Light     LED Color     Low Power
RGB - Color Change

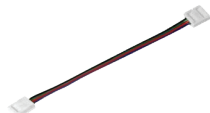**LTP-20-RGB-LP Series**

1.26"
32mm

.39"
10mm

.08"
2mm

## Accessories

**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-001-RGB-6IN**
6" In-line connector for RGB indoor.

**LTP-001-RGB-2IN**
2" In-line connector for RGB indoor.

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

**LV-RF103EXSS**
6" RF extension cable for RGB strip series

**LTP-010-S**
Clear PVC mounting "U" channel

**LT-09S-RF**
6 Key RGB "touch" controller 12/24V DC

**LN-CON-WIFI-3CH-XV**
WiFi controller for RGB, CCT, and dimming, c/w RF remote 12/24VDC

## Non Dimmable Drivers

**LEDDR-24-120W**
Indoor/Outdoor driver
Max. recommended load 90W or 40' (12.1m) per single tap,
120W or 56' (17m) 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)

# LED Tape Light CCT Indoor

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

## CCT Color Temp Adjust Series

### Features

- 50,000 hours life
- High brightness 3528 SMD LEDs
- Field cuttable
- Low power consumption
- Available in 16' (4.88m) rolls
- 16' spools come with 6 ft. pre-soldered power feeds
- Safe, 24V class 2 power supplies (sold separately)
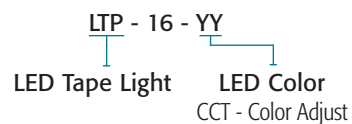- Controller sold separately
- 3 year limited warranty

### Applications

- Aisle and stairway lighting
- Cabinet and cove lighting
- Back lighting
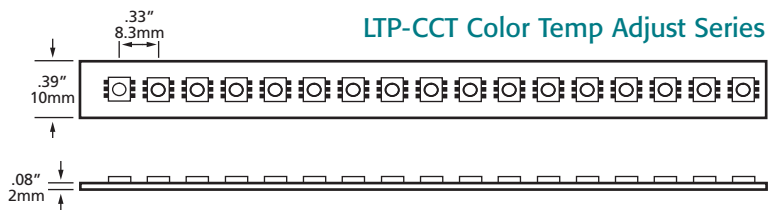- Showcase lighting
- Linear decorative lighting

### Specifications

| | |
|---|---|
| Electrical | 24V DC, 5.8W/ft |
| LED Type | High Brightness 3528 SMD LEDs |
| Viewing Angle | 120° |
| LED Life | 50,000 hours to 70% initial lumen output |
| LED Spacing | 8.3mm |
| # of LEDs per foot (304mm) | 36 |
| Maximum Single Run | 16' |
| Custom Cuttable | 2" |
| Lumen Output | 300 Lumens per ft average |
| Color Temperature | 2500K – 7000K |
| CRI | > 80 |
| Approvals | cETLus |

NOTE: Controllers and signal amplifiers on page 119.

### Product Codes

LTP - 16 - YY

LED Tape Light     LED Color
CCT - Color Adjust

## LTP-CCT • Color Temp Adjust Series

.33"
8.3mm

.39"
10mm

.08"
2mm



## Accessories



**LTP-001-CCT-6**
6' Power feed connector for
CCT series indoor.



**LTP-002-CCT**
In-line connector for CCT
series indoor.



**LTP-010-S**
Clear PVC mounting
"U" channel



**LT-031-RF**
6 Key CCT Adjustable
"touch" controller 12/24V DC

## Non Dimmable Drivers

**LEDDR-24-120W**
Indoor/Outdoor driver
16' (4.88m) per single tap, 20' (6.1m) 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)

# LED Tape Light
# High Power Outdoor

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

DIMMABLE

## High Power Single Color
## LTP-OD Series

### Features

- 50,000 hours life
- High brightness 5060 SMD LEDs
- Field cuttable
- Low power consumption
- Available in 20' (6.1m) rolls
- Safe, 24V class 2 power supplies (sold separately)
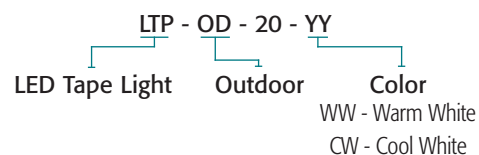- Fully dimmable with dimmable power supplies (sold separately)
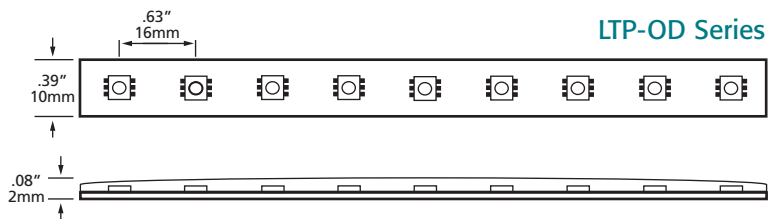- 3 year limited warranty

### Applications

- Aisle and stairway lighting
- Cabinet and cove lighting
- Back lighting
- Showcase lighting
- Linear decorative lighting

### Specifications

| | |
|---|---|
| Electrical | 24V DC, 4.3W/ft |
| LED Type | High Brightness 5060 SMD LEDs |
| Viewing Angle | 120° |
| LED Life | 50,000 hours to 70% initial lumen output |
| LED Spacing | 16mm |
| # of LEDs per foot (304mm) | 18 |
| Maximum Single Run | 20' |
| Custom Cuttable | 4" |
| Lumen Output | 325 Lumens per ft Cool White, 285 Lumens per ft Warm White |
| Efficacy | 75 LPW Cool White, 66 LPW Warm White |
| Color Temperature | Warm White 3000K, Cool White 6500K |
| CRI | > 80 |
| Approvals | cETLus |

### Product Codes

**LTP - OD - 20 - YY**

LED Tape Light     Outdoor     Color
WW - Warm White
CW - Cool White

**LTP-OD Series**

.63"
16mm

.39"
10mm

.08"
2mm

## Accessories



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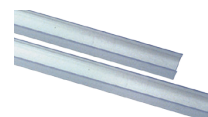for single color outdoor

**LMS11-001**
Terminal block connector
and junction box

**LV-FS-MC-004**
Mounting clips

**LV-FS-EC-001**
End caps

**LTP-010-S**
Clear PVC mounting
"U" channel

**LV-SPIR-1CH-LV**
PIR Motion Sensor, 1
Channel, 24V DC

## Indoor/Outdoor Dimmable Drivers

**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)

NOTE: For outdoor installations, please add E-KO-SR strain relief.

## Non Dimmable Drivers

**LEDDR-24-120W**
Indoor/Outdoor driver
Max. recommended load 90W or 20' (6.1m) per single tap,
120W or 27' (8.23m) 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)

# LED Tape Light
# Low Power Outdoor

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

DIMMABLE

## Low Power Single Color
## LTP-OD-LP Series

## Features

- 50,000 hours life
- High brightness 5060 SMD LEDs
- Field cuttable
- Low power consumption
- Available in 20' (6.1m) rolls
- Safe, 24V class 2 power supplies (sold separately)
- Fully dimmable with dimmable power supplies (sold separately)
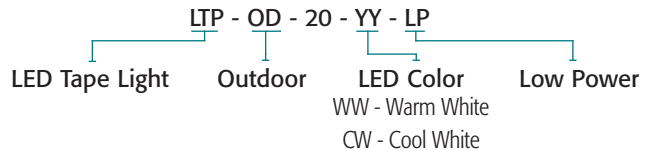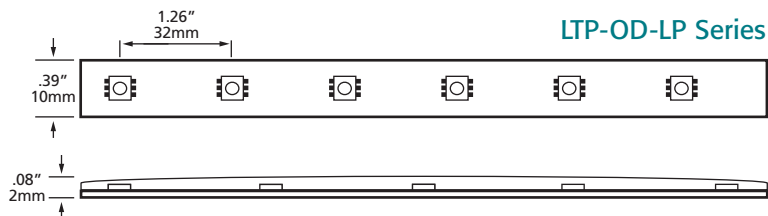- 3 year limited warranty

## Applications

- Aisle and stairway lighting
- Cabinet and cove lighting
- Back lighting
- Showcase lighting
- Linear decorative lighting

## Specifications

| | |
|---|---|
| Electrical | 24V DC, 2.1W/ft |
| LED Type | High Brightness 5060 SMD LEDs |
| Viewing Angle | 120° |
| LED Life | 50,000 hours to 70% initial lumen output |
| LED Spacing | 32mm |
| # of LEDs per foot (304mm) | 9 |
| Maximum Single Run | 40' |
| Custom Cuttable | 6.5" |
| Lumen Output | 165 Lumens per ft Cool White, 145 Lumens per ft Warm White |
| Efficacy | 75 LPW Cool White, 66 LPW Warm White |
| Color Temperature | Warm White 3000K, Cool White 6500K |
| CRI | > 80 |
| Approvals | cETLus |

## Product Codes

LTP - OD - 20 - YY - LP

LED Tape Light      Outdoor      LED Color      Low Power

WW - Warm White
CW - Cool White

**LTP-OD-LP Series**

1.26"
32mm

.39"
10mm

.08"
2mm

## Accessories



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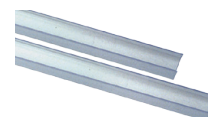for single color outdoor



**LMS11-001**
Terminal block connector
and junction box



**LV-FS-MC-004**
Mounting clips



**LV-FS-EC-001**
End caps



**LTP-010-S**
Clear PVC mounting
"U" channel



**LV-SPIR-1CH-LV**
PIR Motion Sensor, 1
Channel, 24V DC

## Indoor/Outdoor Dimmable Drivers

**TRE24L40DC**
Max recommended load 36W or 16' LED Strip,
min 8W or 4' LED Strip
6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

**TRE24L96DC**
Max recommended load 90W or 40' LED Strip,
min 8W or 4' LED Strip
6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

NOTE: For outdoor installations, please add E-KO-SR strain relief.

## Non Dimmable Drivers

**LEDDR-24-120W**
Indoor/Outdoor driver
Max. recommended load 90W or 40' (12.1m) per single tap,
120W or 56' (17m) 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)

# LED Tape Light
# RGB Outdoor

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

## High Power RGB Outdoor
## LTP-OD-RGB Series

### Features

- 50,000 hours life
- High brightness 5060 SMD LEDs
- Field cuttable
- Low power consumption
- Available in 20' (6.1m) rolls
- Safe, 24V class 2 power supplies (sold separately)
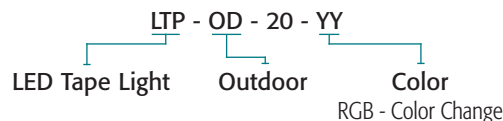- 3 year limited warranty

### Applications

- Aisle and stairway lighting
- Cabinet and cove lighting
- Back lighting
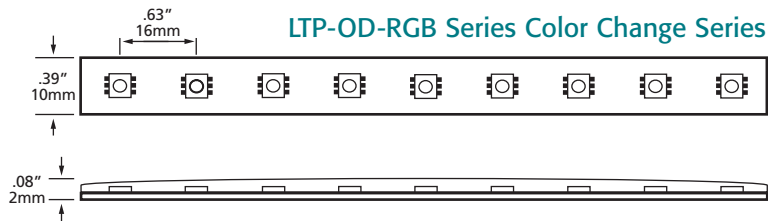- Showcase lighting
- Linear decorative lighting

### Specifications

| | |
|---|---|
| Electrical | 24V DC, 4.3W/ft |
| LED Type | High Brightness 5060 SMD LEDs |
| Viewing Angle | 120° |
| LED Life | 50,000 hours to 70% initial lumen output |
| LED Spacing | 16mm |
| # of LEDs per foot (304mm) | 18 |
| Maximum Single Run | 20' |
| Custom Cuttable | 4" |
| CRI | > 80 |
| Approvals | cETLus |

*NOTE: Controllers and signal amplifiers on page 119.*

### Product Codes

LTP - OD - 20 - YY

LED Tape Light     Outdoor     Color
RGB - Color Change

**LTP-OD-RGB Series Color Change Series**

.63"
16mm

.39"
10mm

.08"
2mm

## Accessories

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

**LV-FS-MC-004**
Mounting clips

**LV-FS-EC-001**
End caps

**LTP-010-S**
Clear PVC mounting
"U" channel

**LT-09S-RF**
6 Key RGB "touch" controller
12/24V DC

**LN-CON-WIFI-3CH-XV**
WiFi controller for RGB,
CCT, and dimming, c/w
RF remote 12/24VDC

## Non Dimmable Drivers

**LEDDR-24-120W**
Indoor/Outdoor driver
Max. recommended load 90W or 20' (6.1m) per single tap,
120W or 27' (8.23m) 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)

# LED Tape Light
# Low Power RGB Outdoor

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

## Low Power RGB
## LTP-OD-RGB-LP Series

### Features

- 50,000 hours life
- High brightness 5060 SMD LEDs
- Field cuttable
- Low power consumption
- Available in 20' (6.1m) rolls
- Safe, 24V class 2 power supplies (sold separately)
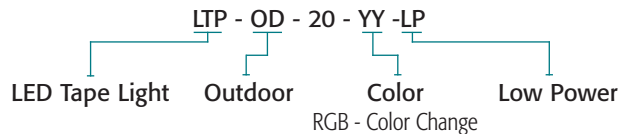- 3 year limited warranty

### Applications

- Aisle and stairway lighting
- Cabinet and cove lighting
- Back lighting
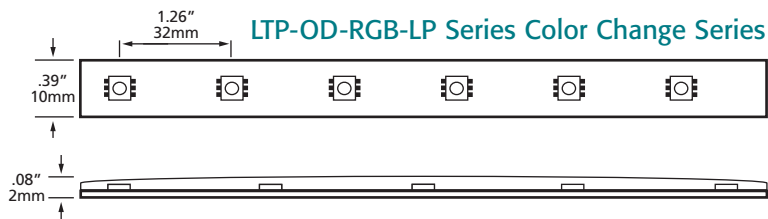- Showcase lighting
- Linear decorative lighting

### Specifications

| | |
|---|---|
| Electrical | 24V DC, 2.1 W/ft |
| LED Type | High Brightness 5060 SMD LEDs |
| Viewing Angle | 120° |
| LED Life | 50,000 hours to 70% initial lumen output |
| LED Spacing | 32mm |
| # of LEDs per foot (304mm) | 9 |
| Maximum Single Run | 40' |
| Custom Cuttable | 6.5" |
| CRI | > 80 |
| Approvals | cETLus |

*NOTE: Controllers and signal amplifiers on page 119.*

### Product Codes

**LTP - OD - 20 - YY -LP**

| LED Tape Light | Outdoor | Color | Low Power |
|---|---|---|---|
| | | RGB - Color Change | |

1.26"
32mm

**LTP-OD-RGB-LP Series Color Change Series**

.39"
10mm

.08"
2mm

## Accessories

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

**LV-FS-MC-004**
Mounting clips

**LV-FS-EC-001**
End caps

**LTP-010-S**
Clear PVC mounting
"U" channel

**LT-09S-RF**
6 Key RGB "touch" controller
12/24V DC

**LN-CON-WIFI-3CH-XV**
WiFi controller for RGB,
CCT, and dimming, c/w
RF remote 12/24VDC

## Non Dimmable Drivers

**LEDDR-24-120W**
Indoor/Outdoor driver
Max. recommended load 90W or 40' (12.1m) per single tap,
120W or 56' (17m) combined two secondary taps.
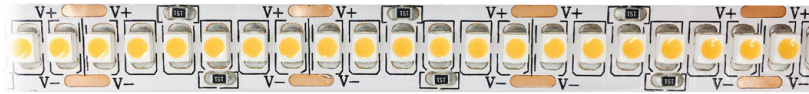120W hardwire
Input: 100 - 240V AC
Output: 24V DC
10" x 3 3/8" x 3 3/16" (254 x 85.7 x 80.9mm)

# High Density LED Tape Light
# High Power Indoor

DIMMABLE

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

## High Density Single Color
## LTP-HD Series

### Features

- 50,000 hours life
- High brightness 3528 Epistar LEDs
- Field cuttable
- Low power consumption
- Available in 16.4' (5m) rolls (custom cuts available)
- 16.4' spools come with 6Ft pre-soldered power feeds
- Safe, 24V class 2 power supplies (sold separately)
- Fully dimmable with dimmable power supplies
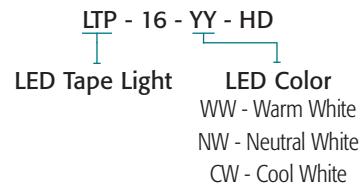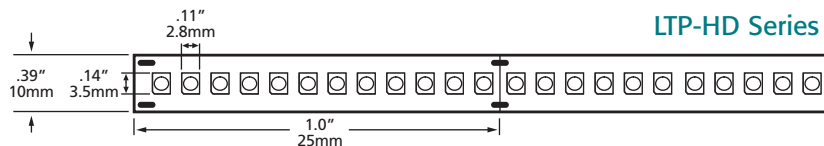  (sold separately)
- 3 year limited warranty

### Applications

- Aisle and stairway lighting
- Cabinet and cove lighting
- Back lighting
- Showcase lighting
- Linear decorative lighting

### Specifications

| | |
|---|---|
| Electrical | 24V DC, 5.8 W/ft |
| LED Type | High Brightness 3528 Epistar LEDs |
| Viewing Angle | 120° |
| LED Life | 50,000 hours to 70% initial lumen output |
| LED Spacing | 4.2mm |
| # of LEDs per foot (304mm) | 72 |
| Maximum Single Run | 16.4' |
| Custom Cuttable | 1″ (25mm) |
| Lumen Output | 514 Lumens per ft Cool White, 450 Lumens per ft Warm White, 468 Lumens per ft Neutral White |
| Efficacy | 88 LPW Cool White, 80 LPW Neutral White, 77 LPW Warm White |
| Color Temperature | Warm White 3000K, Neutral White 4000K, Cool White 6500K |
| CRI | > 80 |
| Approvals | cETLus |

### Product Codes

**LTP - 16 - YY - HD**

**LED Tape Light**          **LED Color**
                            WW - Warm White
                            NW - Neutral White
                            CW - Cool White

**LTP-HD Series**
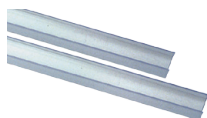
.11"
2.8mm

.39"
10mm

.14"
3.5mm

1.0"
25mm

## Accessories

**LTP-001-HD-HP-6**
72" Power feed connector for high density indoor

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

**LTP-010-S**
Clear PVC mounting "U" channel

**LV-SPIR-1CH-LV**
PIR Motion Sensor, 1 Channel, 24V DC

## Indoor/Outdoor Dimmable Drivers

**TRE24L40DC**
Max recommended load 36W or 6' 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 16' 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
Max. recommended load 90W or 16' (4.8m) per single tap, 120W or 20' (6.1m) 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)

# High Density LED Tape Light
# Low Power Indoor

DIMMABLE

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

## High Density Single Color
## LTP-HD-LP Series

### Features

- 50,000 hours life
- High brightness 3528 Epistar LEDs
- Field cuttable
- Low power consumption
- Available in 16.4' (5m) rolls (custom cuts available)
- 16.4' spools come with 6Ft pre-soldered power feeds
- Safe, 24V class 2 power supplies (sold separately)
- Fully dimmable with dimmable power supplies
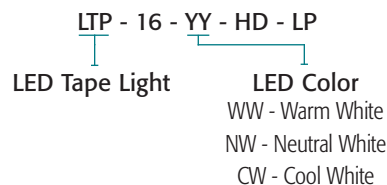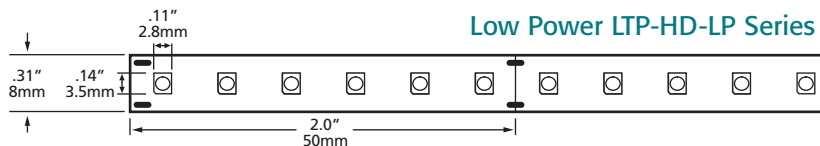  (sold separately)
- 3 year limited warranty

### Applications

- Aisle and stairway lighting
- Cabinet and cove lighting
- Back lighting
- Showcase lighting
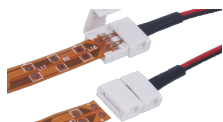- Linear decorative lighting

### Specifications

| | |
|---|---|
| Electrical | 24V DC, 2.9 W/ft |
| LED Type | High Brightness 3528 Epistar LEDs |
| Viewing Angle | 120° |
| LED Life | 50,000 hours to 70% initial lumen output |
| LED Spacing | 8.3mm |
| # of LEDs per foot (304mm) | 36 |
| Maximum Single Run | 31' |
| Custom Cuttable | 2" (50mm) |
| Lumen Output | 257 Lumens per ft Cool White, 225 Lumens per ft Warm White, 234 Lumens per ft Neutral White |
| Efficacy | 88 LPW Cool White, 80 LPW Neutral White, 77 LPW Warm White |
| Color Temperature | Warm White 3000K, Neutral White 4000K, Cool White 6500K |
| CRI | > 80 |
| Approvals | cETLus |

### Product Codes

LTP - 16 - YY - HD - LP

**LED Tape Light**

**LED Color**
WW - Warm White
NW - Neutral White
CW - Cool White

**Low Power LTP-HD-LP Series**

.11"
2.8mm

.31"
8mm

.14"
3.5mm

2.0"
50mm

## Accessories

**LTP-001-HD-6**
72" Power feed connector for high density indoor

**LTP-002-HD**
In-line connector for high density indoor

**LTP-STP-HD-6IN**
6" In-line connector for high density indoor.

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

**LTP-010-S**
Clear PVC mounting "U" channel

**LV-SPIR-1CH-LV**
PIR Motion Sensor, 1 Channel, 24V DC

## Indoor/Outdoor Dimmable Drivers

**TRE24L40DC**
Max recommended load 36W or 12' LED Strip, min 8W or 3' LED Strip
6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

**TRE24L96DC**
Max recommended load 90W or 31' LED Strip, min 8W or 3' LED Strip
6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

## Non Dimmable Drivers

**LEDDR-24-120W**
Indoor/Outdoor driver
Max. recommended load 90W or 31' (9.4m) per single tap, 120W or 41' (12.5m) 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)

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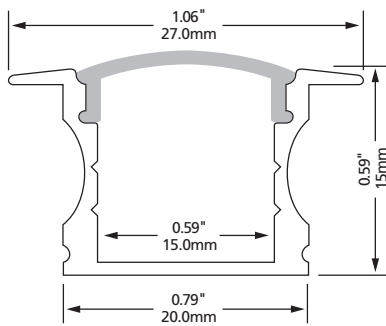Recessed aluminum extrusion and frosted PC cover

### End Caps
LV-W1/W3-EC
LV-W1/W3-EC-WF

### Mounting Clips
LV-W1/W3-MC

1.06"
27.0mm

0.59"
15mm

0.59"
15.0mm

0.79"
20.0mm

## LV-ALP2908
Recessed aluminum extrusion and frosted PC cover

### End Caps
LV-ALP2908-EC
LV-ALP2908-EC-WF

### Mounting Clips
LV-ALP2908-MC

1.19"
30.3mm

0.59"
15mm

0.81"
20.7mm

0.93"
23.5mm
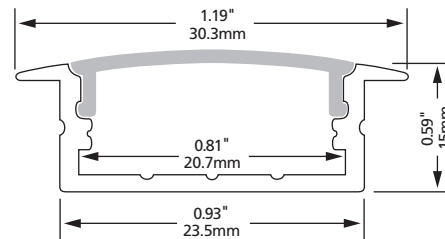
## LV-1401
Closet aluminum extrusion with mounting brackets and frosted PC cover

0.48"
12.16mm

.16"
16mm

0.6"
15.2mm
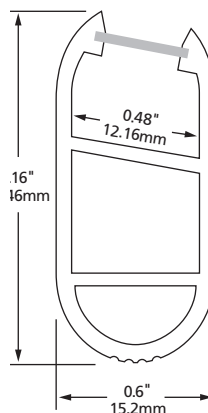
1M (39") extrusion
ships complete with two
mounting end caps and
one support bracket