# INVISILED® LITE
## 24V LED Tape Light

**WAC**

*Tape Section*

*3 LED "L" Connector*

Fixture Type:

Catalog Number:

Project:

Location:

## PRODUCT DESCRIPTION

Our basic line of LED tape, InvisiLED is specially rated for storage areas including closets and other spaces, for long term usage.

## FEATURES

- Can be field cut, male to male adapter required to re-use female side
- Ultra thin profile at ⅛"
- Diodes spaced evenly at 1" on center
- Minimum run length of 1'
- May be field cut every 2" at the end of a run
- Three mounting methods provided for different surfaces
- Specially rated for installation in the storage area of a clothes closet
- 50,000 hour rated life
- 5 year WAC Lighting product warranty

## SPECIFICATIONS

**Construction:** Flexible silicone cased tape light, peel and stick 3M construction adhesive on back, indicating marks for field cutting

**Light Source:** 12 LEDs per foot, runs on 24V at 2W per foot

**Operating Temp:** -4°F – 122°F (-20°C – 50°C), relative humidity 95%

**Standards:** UL & cUL Listed for Damp Locations

## ORDER NUMBER – *TAPE SECTION*

| Model | Watts/ft | Color Temp | | CRI | Lumens/ft | Length | | Qty | Tape Color | |
|---|---|---|---|---|---|---|---|---|---|---|
| **LED-T24** | *2* | **27L** | *2700K* | *85* | *135* | **2IN** | *2 inches* | *1* | **WT** | *White* |
| | | **30L** | *3000K* | *85* | *150* | **2IN10** | *2 inches* | *10* | | |
| | | | | | | **1** | *1 foot* | *1* | | |
| | | | | | | **1-40** | *1 foot* | *40* | | |
| | | | | | | **5** | *5 feet* | *1* | | |

**LED-T24____-_____-WT**

Example: **LED-T2430L-2IN10-WT**

2", 1', 5' sections

⅜"

1"
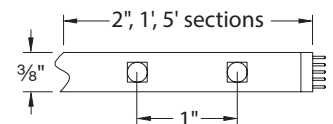
## ORDER NUMBER – *3 LED "L" CONNECTOR*

| Model | Watts/ft | Color Temp | | CRI | Lumens/ft | Tape Color | |
|---|---|---|---|---|---|---|---|
| **LED-T24** | *0.7* | **27L** | *2700K* | *85* | *38* | **3L-WT** | *White* |
| | | **30L** | *3000K* | *85* | *40* | | |

**LED-T24____-3L-WT**

Example: **LED-T2427L-3L-WT**
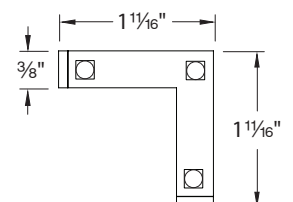
1 11⁄16"

⅜"

1 11⁄16"
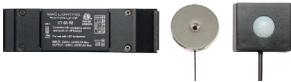
## Class 2 Power Supply (Required)

| | Model | Input | | Output | Max Run | Dimming | Description |
|---|---|---|---|---|---|---|---|
| | EN-2460-RB2-T <br> EN-24100-RB2-T | Remote | 120VAC <br> 120VAC | 24VAC / 60W <br> 24VAC / 96W | 30' <br> 40' | 100%-5% ELV | Includes a 6' lead wire. <br> UL Class 2 output. |
| | PS-24DC-U60R-T <br> PS-24DC-U96R-T | Remote | 120-277VAC | 24VDC / 60W <br> 24VDC / 96W | 30' <br> 40' | 100%-5% ELV, TRIAC | Includes a 6' lead wire. <br> UL Class 2 output. |
| | EN-24100-277-RB2-T | Remote | 277VAC | 24VDC / 96W | 40' | 100%-5% 0-10V | Includes a 6' lead wire. <br> UL Class 2 output. |
| | EN-2460-P-AR-T <br> EN-24100-P-AR-T | Plug-in | 120VAC <br> 120VAC | 24VAC / 60W <br> 24VAC / 96W | 30' <br> 40' | Non Dimmable | Includes a 6' lead wire. <br> UL Class 2 output. |
| | EN-D24100-120-R | Wall Dimmer & Driver | 120VAC | 24VDC / 96W | 40' | Integral | UL Class 2 output. |

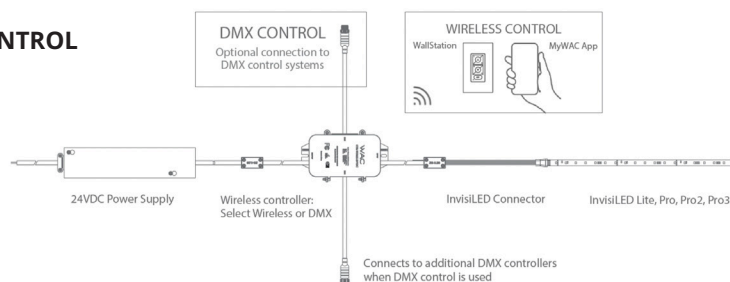## Indoor Controller

| | Model | | Description |
|---|---|---|---|
| | CT-6A-R2 | Pro, Pro2, Pro3, LITE | **Touch Panel and Motion Sensor** <br> Includes a Touch Panel, Occupancy Sensor and a Controller. AC/DC input at 12V(60W Max) or 24V(96W Max). Connect on secondary side of driver/transformer. |
| | IR-96-24VACDC-WT <br> IR-96-24VACDC-BK | White <br> Black | **IR Sensor** <br> IR (Infrared sensor) switch works by turning the light on when it becomes unobstructed. |

## Smart Control

| | Model | Description |
|---|---|---|
| | CT-96-SM | **InvisiLED® Smart Home Kit** <br> Transform your interiors with the InvisiLED® Smart Home Kit, designed exclusively for InvisiLED Lite, Pro, Pro 2 and Pro 3 Tape. Control your LED tape seamlessly via Wi-Fi using the MyWAC app with devices you already own, including Amazon Alexa and Google Home. Offers on/off activation and up/down dimming capability for 24VDC systems and high-output tape lighting applications. Or use DMX to control your popular control platforms. <br><br> Includes a 96W 24VDC Power Supply (EN-24DC096-UNV-RB2), wireless controller (CTR-WDMX-24VDC) and a ready-to-connect lead wire with an InvisiLED Connector (LED-TC-B-2-WT) |

| | Model | Input | Description |
|---|---|---|---|
| | LED-WCT-WT | 120-230VAC | - Multi-scene selection <br> - Raise/Lower, dedicated Off button <br> - Suitable for standard single NEMA wall box Setup and configuration via MyWAC mobile application <br> - no physical adjustment needed <br> - cUL listed |

## EXAMPLE INSTALLATION FOR WIRELESS AND DMX CONTROL



DMX CONTROL — Optional connection to DMX control systems

WIRELESS CONTROL — WallStation — MyWAC App

24VDC Power Supply

Wireless controller: Select Wireless or DMX

InvisiLED Connector

InvisiLED Lite, Pro, Pro2, Pro3

Connects to additional DMX controllers when DMX control is used

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# INVISILED® LITE
## 24V LED Tape Light

**WAC**

## Indoor Electrical Accessories

| | Model | Dimension | Finish | Description |
|---|---|---|---|---|
| | LED-TC-WEXT-144 | 12 ft | Black | **In Wall Rated Extension Cable** |
| | LED-TC-WEXT-144-WT | 12 ft | White | Extends distance between a hard wired |
| | LED-TC-WEXT-240 | 20 ft | Black | power supply or a wiring box to a tape section. |
| | LED-TC-WEXT-240-WT | 20 ft | White | |
| | LED-TC-WIC-144 | 12 ft | Black | **In Wall Rated Joiner Cable** |
| | LED-TC-WIC-144-WT | 12 ft | White | Connects tape sections. 2 female ends. |
| | LED-TC-WIC-240 | 20 ft | Black | 1 male to male connector included. |
| | LED-TC-WIC-240-WT | 20 ft | White | |
| | LED-TC-P-2 | 2 ft | Black | **Lead Wire** |
| | LED-TC-P-2-WT | 2 ft | White | Alternative lengths for plug-in power supplies. |
| | LED-TC-P-12 | 12 ft | Black | |
| | LED-TC-P-12-WT | 12 ft | White | |
| | LED-TC-EXT-144 | 12 ft | Black | **Extension Cable** |
| | LED-TC-EXT-144-WT | 12 ft | White | Extends distance between a hard wired power supply or a wiring box to a tape section. |
| | LED-TC-B-2 | L: 1½ in | Black | **Low Voltage Wiring Box With Feed** |
| | LED-TC-B-2-WT | W: ¾ in | White | Neatly houses connections for up to two |
| | | H: ⅞ in | | wires with 12" female feed. |
| | LED-T-B | L: 1½ in | White | **Low Voltage Wiring Box** |
| | | W: ¾ in | | Neatly houses connections for up to two wires. |
| | | H: ⅞ in | | |
| | TB-S | L: 6¼ in | White | **Wiring Box With Switch** |
| | | W: 1⅝ in | | Use when spanning a large gap in a system layout |
| | | H: 1¼ in | | without leaving exposed wiring. Optional switch included. |

*Compatible with Pro, Pro2, Pro3*

| | Model | Dimension | Finish | Description |
|---|---|---|---|---|
| | LED-TC-IC2 | 2 in | Black | |
| | LED-TC-IC2-WT | 2 in | White | |
| | LED-TC-IC6 | 6 in | Black | |
| | LED-TC-IC6-WT | 6 in | White | |
| | LED-TC-IC12 | 12 in | Black | **Joiner Cable** |
| | LED-TC-IC12-WT | 12 in | White | Connects tape sections. |
| | LED-TC-IC36 | 36 in | Black | |
| | LED-TC-IC36-WT | 36 in | White | |
| | LED-TC-IC72 | 72 in | Black | |
| | LED-TC-IC72-WT | 72 in | White | |
| | LED-TC-MM | 50 Qty | Black | **Connector** Male to male connector. |

*Compatible with Pro, Pro2, Pro3, LITE. Change directionality of tape runs and reuse cut ends of tape.*

| | Model | Finish | Description |
|---|---|---|---|
| | LED-TC-Y | Black | **3-Way "Y" Connector** |
| | LED-TC-Y-WT | White | Connects tape sections. |
| | LED-TC-X | Black | **4-Way "X" Connector** |
| | LED-TC-X-WT | White | Connects tape sections. |
| | LED-TC-L | Black | **"L" Connector** |
| | LED-TC-L-WT | White | Connects tape sections. |
| | LED-TC-EC | Black | **End Cap** |
| | LED-TC-EC-WT | White | 1 cut and 1 male end cap. |

*Compatible with Pro, Pro2, Pro3, LITE.*

| | Model | Dimension | Finish | Description |
|---|---|---|---|---|
| | T24-OD-SW60 | 5 ft | Black | **DMX Joiner Cable - Satellite** |
| | T24-OD-SW120 | 10 ft | | Connect between CTR-WDMX-24VDC Master to Satellite |
| | T24-OD-MW60 | 5 ft | Black | DMX Joiner Cable |
| | T24-OD-MW120 | 10 ft | | Connect between DMX Universe to CTR-WDMX-24VDC |

# INVISILED® LITE
## Indoor Aluminum Channel

WAC

| Aluminum Channel | LED-T-CH | 5 feet |
|---|---|---|
| Additional End Caps | LED-T-CH-EC | 2 pcs |

7⁄16"
11⁄16"

*Diffuses light from InvisiLED® tape*
*Includes a diffuser, two end caps, and five screws*

| Deep Aluminum Channel | LED-T-CH1 | 5 feet |
|---|---|---|
| Additional End Caps | LED-T-CH1-EC | 2 pcs |

1"
11⁄16"

*Eliminates visible hot spots*
*Includes a diffuser, two end caps, and five screws*

| 45° Angled Aluminum Channel | LED-T-CH2 | 5 feet |
|---|---|---|
| Additional End Caps | LED-T-CH2-EC | 2 pcs |

11⁄16"
11⁄16"

*Includes a diffuser, two end caps, and five screws*

| Deep Aluminum Channel - Flood 54° Beam Angle | LED-T-CH3-FL | 5 feet |
|---|---|---|
| Additional End Caps | LED-T-CH1-EC | 2 pcs |

5 ft
1 1⁄8"
11⁄16"

*Eliminates visible hot spots / 54° beam angles*

| Deep Aluminum Channel - Spot 9° Beam Angle. | LED-T-CH3-SP | 5 feet |
|---|---|---|
| Additional End Caps | LED-T-CH1-EC | 2 pcs |

1 1⁄8"
11⁄16"

*Eliminates visible hot spots / 9° beam angles*

| Deep Aluminum Channel - Wide Flood 84° Beam Angle | LED-T-CH3-WF | 5 feet |
|---|---|---|
| Additional End Caps | LED-T-CH1-EC | 2 pcs |

1 1⁄8"
11⁄16"

*Eliminates visible hot spots / 84° beam angles*

| Fixed Angle Channel Clip | LED-T-CL3-PT |
|---|---|

3⁄8"
1 13⁄16"

*Includes 2 pieces, 4 screws. Use to mount Aluminum Channel.*
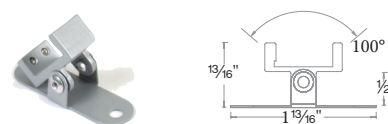
| Adjustable Channel Clip | LED-T-CL2-PT |
|---|---|

100°
13⁄16"
1⁄2"
1 13⁄16"

*Includes 2 pieces, 4 screws. Used to mount Aluminum Channel.*
*Adjusts 50° from center either way.*

## INDOOR MOUNTING ACCESSORIES

| Aluminum Retrofit Channel | LED-T-RC | 3 feet |
|---|---|---|

1⁄2"
1⁄2"

*Can be bent to create fixed curves or used as a glare shield*

| Clip | LED-T-CL | Curve Clip | LED-T-CL1 |
|---|---|---|---|

*For surfaces that are difficult to adhere. Includes: 10 pcs plastic clips and 10 pcs screws. Compatible with InvisiLED LITE, PRO, PRO2 and PRO3 only.*

*Clips to hold indoor InvisiLED tapes sections. Includes: 10 pcs plastic clips and 10 pcs screws. Compatible with InvisiLED LITE, PRO, PRO2 and PRO3 only.*

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# INVISILED® LITE
## Symmetrical Recessed Channel

**WAC**

Indoor tape

Installs within ⅝" drywall depth

Linear channel can be field cut

Accommodates either one or two runs of indoor tape

Includes a translucent white acrylic diffuser

Dense foam insert to be removed in installation after spackling

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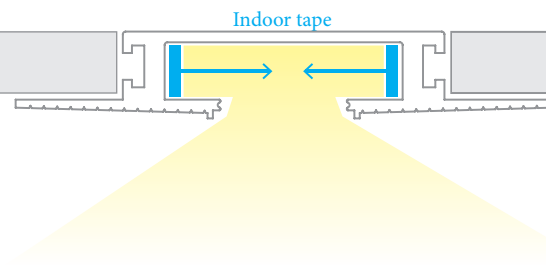
### 8ft Linear Channel — **LED-T-RCH1-WT**

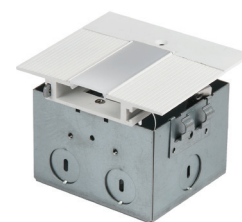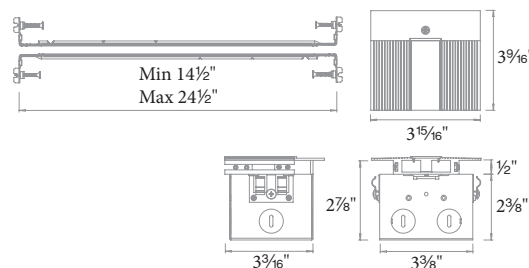*Includes:* 1 diffuser
8 perforated metal sheets

½" · 2⅜" · 1¹⁄₁₆" · 4" · ⅜" · 8'

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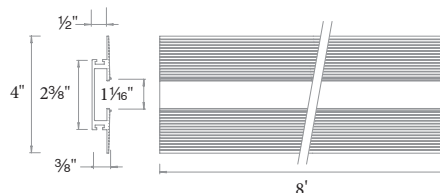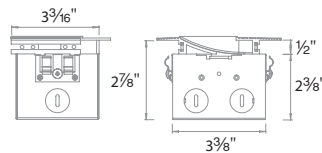
### Power Feed — **LED-T-RBOX1-WT**

The end cap may be placed on either side
Hanger bars may be installed on any side of the wiring box
Kit includes:

1 wiring box
2 hanger bars
4 five-pin adapters
2 end caps
1 diffuser

2 channel connectors
1 counter sink drill bit
1 drill bit
1 installation tool

Min 14½"
Max 24½"
3⁹⁄₁₆"
3¹⁵⁄₁₆"
2⅞"
3³⁄₁₆"
3⅜"
½"
2⅜"

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### Lateral Corner — **LED-T-CTC1-WT**

Includes: *Diffuser*
2 channel connectors
2 perforated metal sheets

2⅜"
½"
6"
6"
3¹⁵⁄₁₆"

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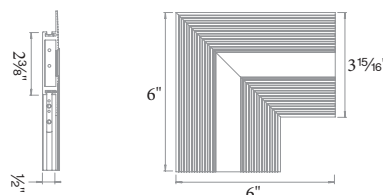
### Perpendicular Corner — **LED-T-WTC1-WT**

Transitions between walls or wall to ceiling
Includes: *Diffuser*
2 channel connectors
2 perforated metal sheets

½"
6"
6"
3¹⁵⁄₁₆"

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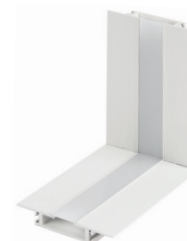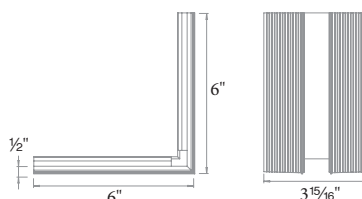
### Outside Corner — **LED-T-WTW1-WT**

Transitions around columns, bump outs, or soffits
Includes: *Diffuser*
2 channel connectors
2 perforated metal sheets
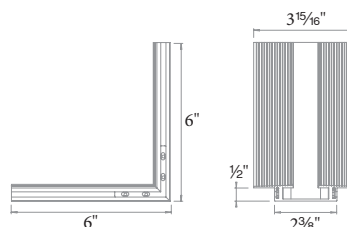
3¹⁵⁄₁₆"
6"
6"
½"
2⅜"

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# INVISILED® LITE
## Asymmetrical Recessed Channel

WAC

Indoor tape

**8ft Linear Channel**    **LED-T-RCH2-V**

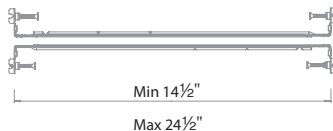Includes: *8 perforated metal sheets*
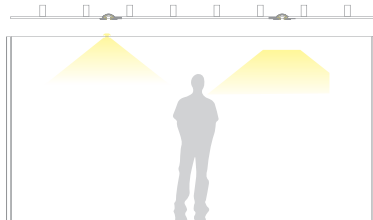*2 channel connectors*

⅝"    8'
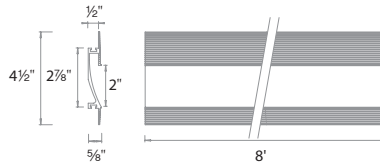
### Power Feed    **LED-T-RBOX2-WT**

The end cap may be placed on either side
Hanger bars may be installed on any side of the wiring box

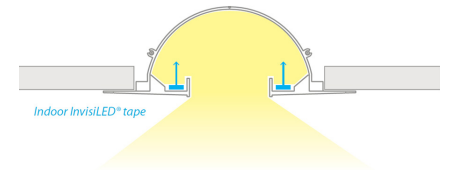Includes: *1 wiring box*            *2 channel connectors*
*2 hanger bars*            *1 counter sink bit*
*2 five-pin adapters*        *1 drill bit*
*2 end caps (left and right)*

3⁹⁄₁₆"

4½"

3³⁄₁₆"

½"

2⅞"    2⅜"

3⅜"

Min 14½"
Max 24½"

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## Indirect Recessed Channel

Indoor InvisiLED® tape

Linear channel can be field cut
Accommodates up to four runs of indoor tape
Dense foam insert to be removed in installation after spackling
Allows option to use different color tape in one channel
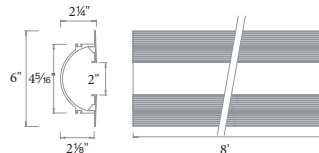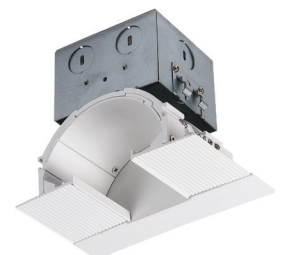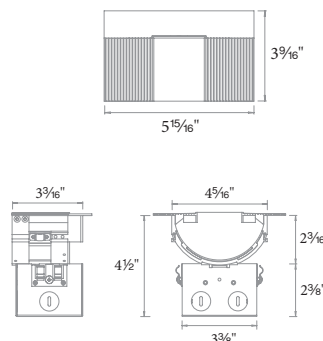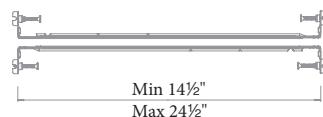and switch them separately

**8ft Linear Channel**    **LED-T-RCH3-WT**

Includes: *10 perforated metal sheets*
*2 channel connectors*

2¼"
6"    4⁵⁄₁₆"    2"
2⅛"    8'

### Power Feed    **LED-T-RBOX3-WT**

The end cap may be placed on either side
Hanger bars may be installed on any side of the wiring box

Includes: *1 wiring box*            *2 channel connectors*
*2 hanger bars*            *1 counter sink drill bit*
*4 five-pin adapters*        *1 drill bit*
*1 end cap*

3⁹⁄₁₆"

5¹⁵⁄₁₆"

3³⁄₁₆"    4⁵⁄₁₆"    2³⁄₁₆"

4½"    2⅜"

3⅜"

Min 14½"
Max 24½"

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