

# INVISIBLE TUNABLE WHITE

## 1800K-5000K CCT Adjustable LED Tape Light

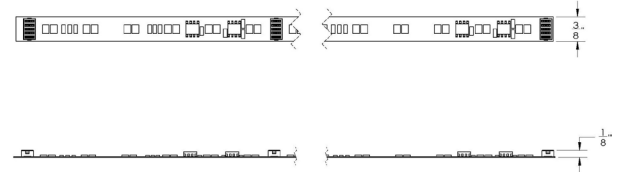


Fixture Type:

Catalog Number:

Project:

Location:



### PRODUCT DESCRIPTION

Architectural grade white tape light that delivers precise color consistency and brightness throughout the strip. With a high lumen output, choose a color temperature anywhere from 1800K to 5000K for a unique and custom lighting effect. Its 10mm size allows it to be used variety of channels for a wide range of applications.

### FEATURES

- Tune to desired CCT and intensity from 1800K to 5000K with DMX/RDM mobile app, and WAC wallstation
- Ultra thin 1/8" profile
- May be cut and easily reconnected every 4"
- 90' max run of 20 AWG wire between DMX LED controller and beginning of the tape with shielded data cable
- Strong adhesive bonding with 3M VHB adhesive
- Gold plated connector protects from corrosion, heat and ensures a reliable connection

### SPECIFICATIONS

- Construction:** Flexible strip light
- Cutting Interval:** 4"
- Input:** 24VDC
- Lumens:** Up to 328 lm/ft
- Control:** Through CTR-WDMX-3CH Wireless DMX Controller
- Dimming:** Through wall controller: LED-WCT-WT, and WAC mobile app
- CRI:** 90+
- McAdams Steps:** 3
- Color Temp:** 1800K - 5000K
- Rated Life:** 50,000 hours
- Operating Temp:** -4°F to 104°F (-20°C to 40°C)
- Standard:** UL & cUL listed, Damp Location listed, Title 24 Compliant

### TAPE SELECTIONS

System	Max Lumens	Max Run	Power	Length (in feet)				Color Temp	Finish	
				01	05	10	15		WT	White
<b>T24-TW3</b>	328	16 ft	6 W/ft	01	05	10	15	1850 1800K - 5000K	WT	White

Example: **T24-TW3-15-1850WT**

wacighting.com  
Phone (800) 526.2588  
Fax (800) 526.2585

Headquarters/Eastern Distribution Center  
44 Harbor Park Drive  
Port Washington, NY 11050










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	MODEL	Finish			
	<b>T24-MM-WT</b>	White	Tape to Tape Connector Connects tape sections		
	<b>T24-TI-WT</b>	White	Tape to Tape T Connector Connects tape sections		
	<b>T24-XI-WT</b>	White	Tape to Tape X Connector Connects power feed to tape section		
	<b>T24-LI-WT</b>	White	Tape to Tape L Connector Connects tape sections		
	<b>T24-FF-WT</b>	White	Joiner Cable Extender Connects joiner cable to joiner cable, female on both sides		
	<b>T24-Y-WT</b> <b>T24-Y-BK</b>	White Black	Flex Tape to Tape Y Connector Connects tape sections		
	<b>T24-X-WT</b> <b>T24-X-BK</b>	White Black	Flex Tape to Tape X Connector Connects tape sections		
	<b>T24-IC-002</b> <b>T24-IC-006</b> <b>T24-IC-012</b> <b>T24-IC-036</b> <b>T24-IC-072</b> <b>T24-IC-144</b> <b>T24-IC-240</b>	<b>WT</b> White <b>BK</b> Black	In Wall Rated Joiner Cable Connects tape sections, 2 male ends	2 in 6 in 1 ft 3 ft 6 ft 12 ft 20 ft	Example: <b>T24-IC-002-WT</b>
	<b>T24-EX3-072</b> <b>T24-EX3-144</b> <b>T24-EX3-240</b> <b>T24-EX3-1200</b>	<b>WT</b> White <b>BK</b> Black	In Wall Rated Extension Cable Extends distance between a hard wire power supply or a wiring box to a tape section	6 ft 12 ft 20 ft 100 ft	Example: <b>T24-EX3-072-WT</b>

### LED Controller / Power Supplies / User Interface Controller (REQUIRED)

LED Controller	MODEL	Input	Output	Dimension	
	<b>CTR-WDMX-3CH</b>	3 X 24VDC 96W or 1 X 24VDC 300W	3 X 24VDC 96W	7 7/8" x 3 7/8" x 1 19/16"	UL Listed Class 2 Output 3 DMX/RDM Individual Addressable Output Channels DMX Port RJ45/XLR 3 Pins / Phoenix Connector Support both RGBWW / Tunable White Wireless interface with WAC mobile app and cloud access control
<i>Includes: 3 pcs T24-EX3-072-WT</i>					

Power Supplies	MODEL	Input	Output	Dimension	
	<b>PS-24DC-U96R-S6</b>	120-277VAC	24VDC, 96W	7 7/8" x 3 7/8" x 1 13/16"	UL Listed Class 2 Output 5 Years Warranty Output 6' lead wires
	<b>PS-24DC-U300R</b>	120-277VAC	24VDC, 300W	11 3/8" x 5 1/8" x 1 19/20"	300W Output UL Listed, Class P, Type HL 5 Year Warranty Input 6', Output 3' lead wires

User Interface Controller	MODEL	Input	Output	Dimension	
	<b>LED-WCT-WT</b>	120-230VAC	N/A	4 5/8" x 2 3/4" x 1 5/8"	Wallstation Multi-scene selection, Raise/Lower, dedicated Off button Suitable for standard single NEMA wall box Setup and configuration via WAC mobile application, no physical adjustment needed cUL listed

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### POWER CONSUMPTION AND MAXIMUM RUN

Tape power consumption depends on the color and dimming level. A lookup table below shows an actual recorded data of maximum light output at particular CCT with 96W power supply. Due to power consumption variation, please consider to use 6 W/ft for layout planning to maximize CCT adjustable range.

CCT (K)	Power (W)	Max Run (ft)	Lumen	DMX Value			
				CH1: 1800K	CH2: 2700K	CH3: 5000K	CH4: 18/27/50
1800	4.61	20	234	255	0	0	255
1900	5.65	16	296	253	60	0	255
2000	5.65	16	300	196	110	0	255
2100	5.64	17	302	152	152	0	255
2200	5.63	17	300	110	196	0	255
2300	5.62	17	301	82	228	0	255
2400	5.58	17	297	55	255	0	255
2500	4.93	19	261	17	255	0	255
2600	4.70	20	249	5	255	0	255
2700	4.70	20	251	0	255	0	255
2800	5.00	19	271	0	255	21	255
2900	5.26	18	289	0	255	35	255
3000	5.61	17	308	0	253	60	255
3100	5.65	17	313	0	236	77	255
3200	5.66	16	318	0	218	93	255
3300	5.57	17	314	0	194	115	255
3400	5.40	17	304	0	170	137	255
3500	5.64	17	319	0	162	145	255
3600	5.65	17	322	0	153	153	255
3700	5.65	17	322	0	145	162	255
3800	5.61	17	323	0	137	170	255
3900	5.64	17	325	0	110	198	255
4000	5.66	16	328	0	100	211	255
4100	5.64	17	325	0	86	225	255
4200	5.61	17	325	0	71	241	255
4300	5.62	17	326	0	60	253	255
4400	5.50	17	321	0	50	255	255
4500	5.33	18	311	0	40	255	255
4600	5.16	18	302	0	30	255	255
4700	4.99	19	291	0	21	255	255
4800	4.91	19	285	0	16	255	255
4900	4.77	20	277	0	9	255	255
5000	4.69	20	273	0	0	255	255

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# WAC



**Aluminum Channel**  
Additional End Caps

**LED-T-CH** 5 feet  
**LED-T-CH-EC** 2 pcs

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



**Deep Aluminum Channel**  
Additional End Cap

**LED-T-CH1** 5 feet  
**LED-T-CH1-EC** 2 pcs

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



**45° Angled Aluminum Channel**  
Additional End Caps

**LED-T-CH2** 5 feet  
**LED-T-CH2-EC** 2 pcs

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



**Deep Aluminum Channel - Flood 54° Beam Angle**  
Additional End Cap

**LED-T-CH3-FL** 5 feet  
**LED-T-CH1-EC** 2 pcs

*Eliminates visible hot spots / 54° beam angles*



**Deep Aluminum Channel - Spot 9° Beam Angle**  
Additional End Cap

**LED-T-CH3-SP** 5 feet  
**LED-T-CH1-EC** 2 pcs

*Eliminates visible hot spots / 9° beam angles*



**Deep Aluminum Channel - Wide Flood 84° Beam Angle**  
Additional End Cap

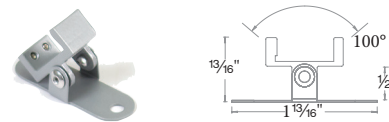
**LED-T-CH3-WF** 5 feet  
**LED-T-CH1-EC** 2 pcs

*Eliminates visible hot spots / 84° beam angles*



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

*Includes 2 pieces, 4 screws. Use to mount Aluminum Channel*



**Adjustable Channel Clip** **LED-T-CL2-PT**

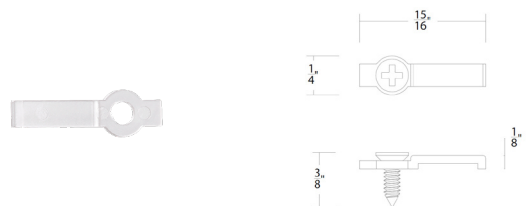
*Deep Aluminum Channel, 45° Angled Aluminum Channel*

## INDOOR MOUNTING ACCESSORIES



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

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



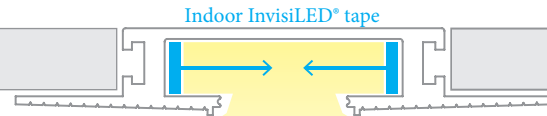
**Plastic Mounting Clip** **T24-CT-CL1** Clear

*For installation on non-flat surfaces  
Includes: 10 pcs plastic mounting clips and 10 pcs screws*

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# WAC

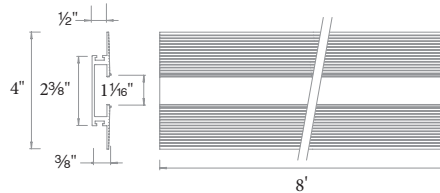


- Installs within  $\frac{5}{8}$ " drywall depth
- Linear channel can be field cut
- Accommodates either one or two runs of InvisiLED® indoor tape
- Includes a translucent white acrylic diffuser
- Dense foam insert to be removed in installation after spackling

### 8ft Linear Channel

#### LED-T-RCH1-WT

- Includes: 1 diffuser  
8 perforated metal sheets

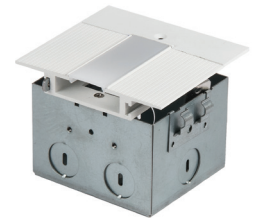
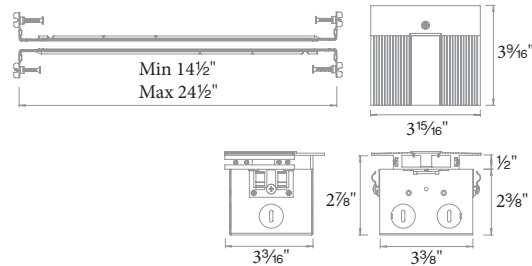


### Power Feed

#### 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

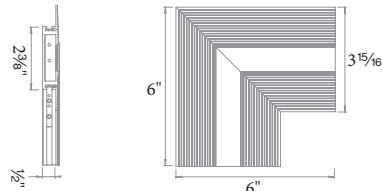
- Kit includes: 1 wiring box  
2 hanger bars  
4 five-pin InvisiLED® adapters  
2 end cap  
1 diffuser  
2 channel connector  
1 counter sink drill bit  
1 drill bit  
1 installation tool



### Lateral Corner

#### LED-T-CTC1-WT

- Includes: Diffuser  
2 channel connectors  
2 perforated metal sheets

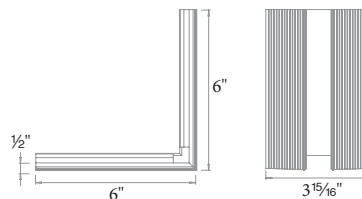


### Perpendicular Corner

#### LED-T-WTC1-WT

- Transitions between walls or wall to ceiling

- Includes: Diffuser  
2 channel connectors  
2 perforated metal sheets

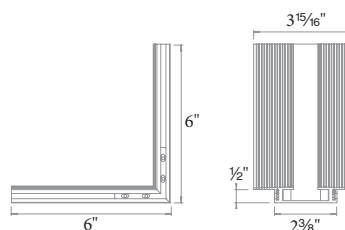


### Outside Corner

#### LED-T-WTW1-WT

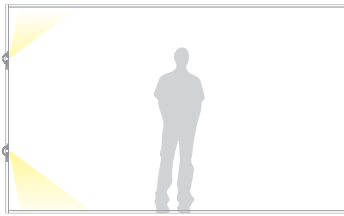
- Transitions around columns, bump outs, or soffits

- Includes: Diffuser  
2 channel connectors  
2 perforated metal sheets



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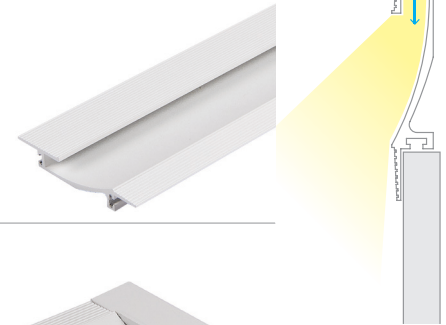
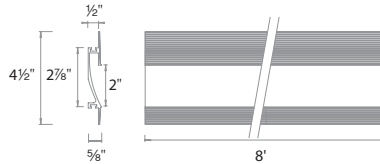
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Installs within 5/8" drywall depth  
 Linear channel can be field cut  
 Accommodates one run of InvisiLED® indoor tape  
 Dense foam insert to be removed in installation after spackling  
 Recommended installation within 15 inches of surface to be illuminated

### 8ft Linear Channel **LED-T-RCH2-WT**

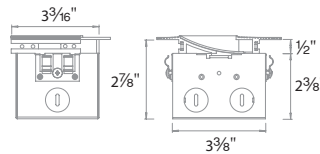
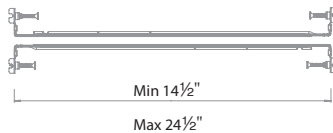
Includes: 8 perforated metal sheets  
 2 channel connectors



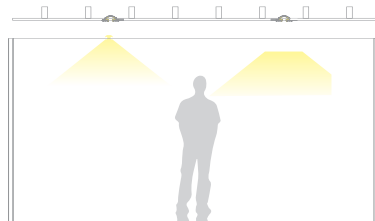
### Power feed **LED-T-RBOX2-WT**

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

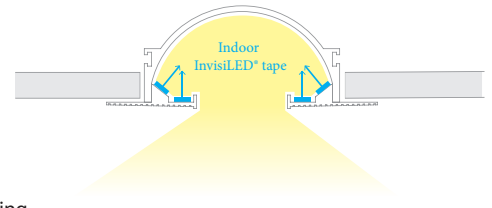
Includes: 1 wiring box  
 2 hanger bars  
 2 five-pin InvisiLED® adapters  
 2 end caps (left and right)  
 2 channel connectors  
 1 counter sink bit  
 1 drill bit



## Indirect Recessed Channel

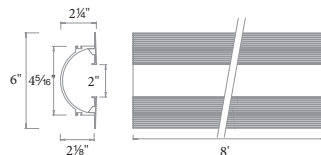


Linear channel can be field cut  
 Accommodates up to four runs of InvisiLED® indoor tape  
 Dense foam insert to be removed in installation after spackling  
 Allows option to use different color InvisiLED® in one channel and switch them separately



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

Includes: 10 perforated metal sheets  
 2 channel connectors



### 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 hanger bars  
 4 five-pin InvisiLED® adapters  
 1 end cap  
 2 channel connectors  
 1 counter sink drill bit  
 1 drill bit

