

INVISILED RGBWW

Color Changing & CCT Adjustable LED Tape Light

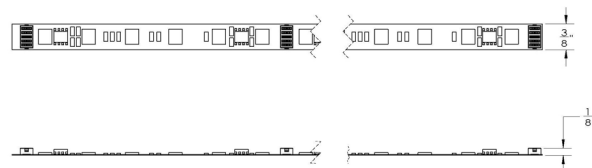
WAC

Fixture Type:

Catalog Number:

Project:

Location:



PRODUCT DESCRIPTION

Architectural grade RGB and white tape light that delivers precise color consistency and brightness throughout the strip. With a high lumen output, choose a Color Temperature anywhere from 2700K to 5000K and entire visible color spectrum 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

- May be cut and easily reconnected every 4 inches
- Tune to desired CCT from 2700K to 5000K and visible color spectrum with DMX/RDM control or WAC mobile application
- Unshielded Data Cable: 25 ft. max run between DMX controller and beginning of the tape
- Shielded Data Cable: 90 ft. max run between DMX LED controller and beginning of the tape
- Strong adhesive bonding with the 3M adhesive VHB
- 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 323 lm/ft (white Light)
Max Run:	Depends on Color & Dimming level, Refer to table on pg.3
Control:	Through CTR-WDMX-3CH Wireless DMX Controller
Dimming:	Through wall controller: LED-WCT-WT, and WAC mobile app
CRI:	90+ (White Light)
McAdams Steps:	3
Color Temp:	2700-5000K, R/G/B
Rated Life:	50,000 hours
Operating Temp:	-4°F to 104°F (-20°C to 40°C)
Operating Temp:	UL & cUL listed, Damp Location listed, Title 24 Compliant

TAPE SELECTIONS

System	Max Lumens	Max Run	Power	Length (in feet)				Color Temp	Finish	
T24-CC1	323 lm/ft	40 ft	Refer to page 3	01	05	10	15	RED/GREEN/BLUE/2700K-5000K	WT	White

Example: **T24-CC1-01-WT**











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	MODEL	Finish			
	T24-MM-WT	White	Tape to Tape Connector Connects tape sections		
	T24-TI-WT	White	Tape to Tape T Connector Connects tape sections		
	T24-XI-WT	White	Tape to Tape X Connector Connects power feed to tape section		
	T24-LI-WT	White	Tape to Tape L Connector Connects tape sections		
	T24-FF-WT	White	Joiner Cable Extender Connects joiner cable to joiner cable, female on both sides		
	T24-Y-WT T24-Y-BK	White Black	Flex Tape to Tape Y Connector Connects tape sections		
	T24-X-WT T24-X-BK	White Black	Flex Tape to Tape X Connector Connects tape sections		
	T24-IC-002 T24-IC-006 T24-IC-012 T24-IC-036 T24-IC-072 T24-IC-144 T24-IC-240	WT White BK 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: T24-IC-002-WT
	T24-EX3-072 T24-EX3-144 T24-EX3-240	WT White BK 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	Example: T24-EX3-072-WT
	T24-B-WT	White	Low Voltage Wiring Box 5-to-3 wires Connects between 3 conductor wire and 5 conductor shielded cable.		

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

LED Controller	MODEL	Input	Output	Dimension	
	CTR-WDMX-3CH	3 X 24VDC 96W or 1 X 24VDC 300W	3 X 24VDC 96W	7 7/8" x 3 7/8" x 1 13/16"	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
Includes: 3 pcs T24-EX3-072-WT					
Power Supplies	MODEL	Input	Output	Dimension	
	PS-24DC-U96R-S6	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
	PS-24DC-U300R	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	
	LED-WCT-WT	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

INVISILED® RGBWW

DMX Value & Power Consumption



POWER CONSUMPTION AND MAXIMUM RUN

Tape power consumption depends on the color and dimming level. A lookup table below shows the light output at maximum level from linear RGBWW. The maximum run length value is at maximum brightness of particular color or CCT with g6W power supply.

Color & CCT (K)	Power (W/ft)	Max Run (ft)	Lumen/ft	DMX Value						
				CH1: RED	CH2: GREEN	CH3: BLUE	CH4: 2700K	CH5: 5000K	CH6: R/G/B	CH7: 27/50
RGB (White)	4.8	20	124	255	255	255	0	0	255	0
RED	2.3	41	27	255	0	0	0	0	255	0
GREEN	2.3	41	72	0	255	0	0	0	255	0
BLUE	2.3	40	21	0	0	255	0	0	255	0
2700K	3.2	30	156	0	0	0	255	0	0	255
2800K	3.3	28	164	0	0	0	255	5	0	255
2900K	3.5	27	183	0	0	0	255	20	0	255
3000K	3.7	26	213	0	0	0	255	40	0	255
3100K	3.9	24	212	0	0	0	255	60	0	255
3200K	4.0	23	227	0	0	0	255	80	0	255
3300K	4.2	22	244	0	0	0	255	105	0	255
3400K	4.5	21	265	0	0	0	255	140	0	255
3500K	4.8	20	274	0	0	0	255	170	0	255
3600K	5.0	19	309	0	0	0	255	210	0	255
3700K	5.4	17	323	0	0	0	255	255	0	255
3800K	5.2	18	308	0	0	0	205	255	0	255
3900K	4.8	20	293	0	0	0	175	255	0	255
4000K	4.5	21	273	0	0	0	140	255	0	255
4100K	4.4	22	260	0	0	0	120	255	0	255
4200K	4.2	22	250	0	0	0	100	255	0	255
4300K	4.1	23	232	0	0	0	80	255	0	255
4400K	4.0	24	223	0	0	0	65	255	0	255
4500K	3.9	24	217	0	0	0	55	255	0	255
4600K	3.8	25	209	0	0	0	40	255	0	255
4700K	3.7	26	202	0	0	0	35	255	0	255
4800K	3.6	27	192	0	0	0	20	255	0	255
4900K	3.5	27	189	0	0	0	15	255	0	255
5000K	3.3	29	177	0	0	0	0	255	0	255

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INVISILED® RGBWW

Trimless Recessed Slim Channel

WAC

InvisILED RGBWW tape

- Installs within 5/8" drywall depth
- Linear channel can be field cut
- Accommodates either one or two runs of InvisILED RGBWW tape
- Includes a frosted acrylic diffuser

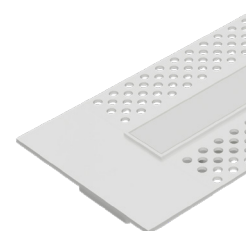
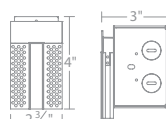
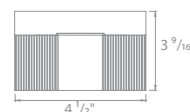
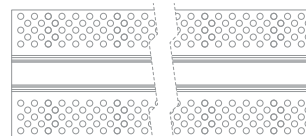
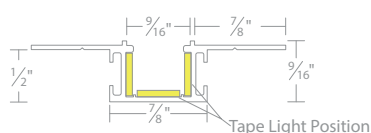
8FT LINEAR CHANNEL LED-T-RCH4-WT

Includes: 1 frosted diffuser
8 perforated metal sheets

POWER FEED LED-T-RBOX4-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 end caps
2 channel connectors
1 counter sink drill bit
1 drill bit
2 power to tape connectors



Trimmed Recessed Slim Channel

InvisILED RGBWW tape

- Installs within 5/8" drywall depth
- Linear channel can be field cut
- Accommodates either one or two runs of InvisILED RGBWW tape
- Includes a frosted acrylic diffuser

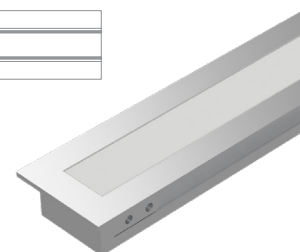
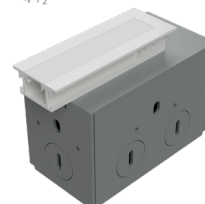
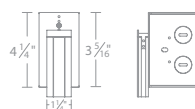
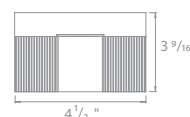
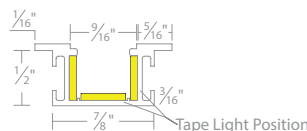
8FT LINEAR CHANNEL LED-T-RCH5-BK LED-T-RCH5-WT LED-T-RCH5-AL

Includes: 1 frosted diffuser
8 perforated metal sheets

POWER FEED LED-T-RBOX5-BK LED-T-RBOX5-WT LED-T-RBOX5-AL

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 end caps
2 channel connectors
1 counter sink drill bit
1 drill bit
2 power to tape connectors



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INVISILED® RGBWW

Symmetrical Recessed Channel

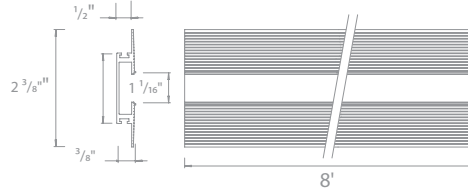
WAC

InvisILED RGBWW tape

- Installs within $\frac{5}{8}$ " drywall depth
- Linear channel can be field cut
- Accommodates either one or two runs of InvisILED RGBWW 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

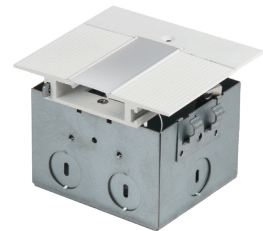
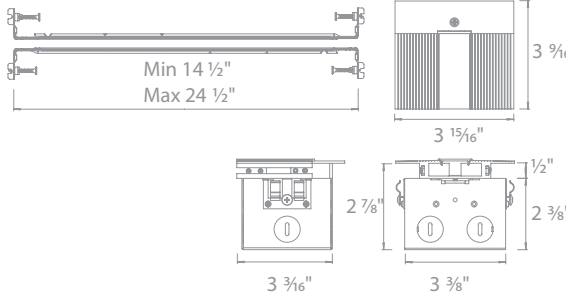


POWER FEED

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.

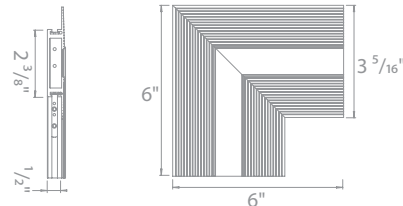
- Includes: 1 wiring box
2 hanger bars
4 five-pin InvisILED® adapters
2 end caps
1 diffuser
2 channel connectors
1 counter sink drill bit
1 drill bit
1 installation tool



LATERAL CORNER

LED-T-CTC1-WT

- Includes: 1 diffuser
2 channel connectors
2 perforated metal sheets

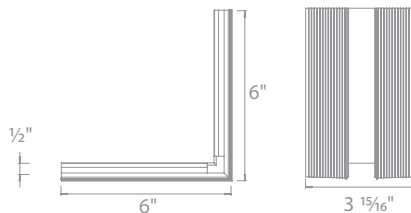


PERPENDICULAR CORNER

LED-T-WTC1-WT

Transitions between walls or wall to ceiling

- Includes: 1 diffuser
2 channel connectors
2 perforated metal sheets

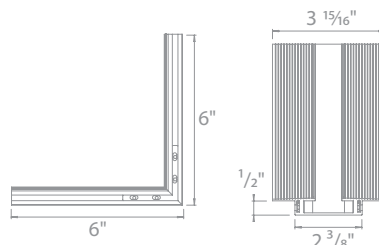


OUTSIDE CORNER

LED-T-WTW1-WT

Transitions around columns, bump outs, or soffits

- Includes: 1 diffuser
2 channel connectors
2 perforated metal sheets



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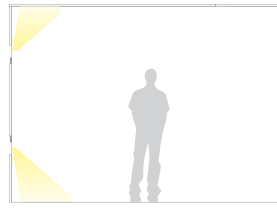
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INVISILED® RGBWW

Asymmetrical Recessed Channel

WAC

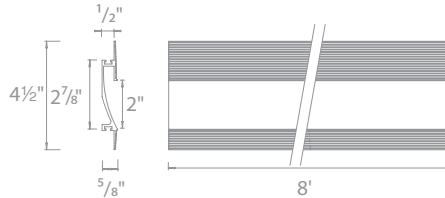
- Installs within $\frac{5}{8}$ " drywall depth
- Linear channel can be field cut
- Accommodates one run of InvisILED RGBWW tape
- Dense foam insert to be removed in installation after spackling
- Recommended installation within 15 inches of surface to be illuminated



InvisILED RGBWW tape

8FT LINEAR CHANNEL LED-T-RCH2-WT

Includes: 8 perforated metal sheets
2 channel connectors

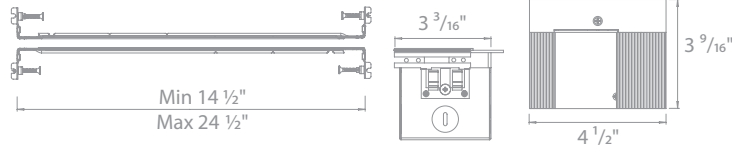


POWER FEED

LED-T-RBOX2-WT

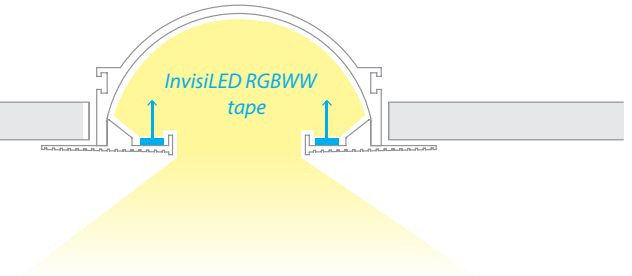
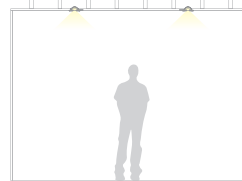
The end cap may be placed on either side. Hanger bars may be installed on any side of the wiring box.

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



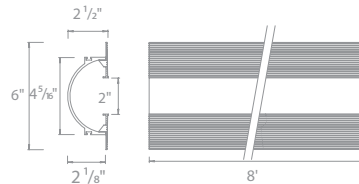
Indirect Recessed Slim Channel

- Linear channel can be field cut
- Dense foam insert to be removed in installation after spackling
- Allows option to use different color InvisILED RGBWW tape in one channel and switch them separately



8FT LINEAR CHANNEL LED-T-RCH3-WT

Includes: 10 perforated metal sheets
2 channel connectors

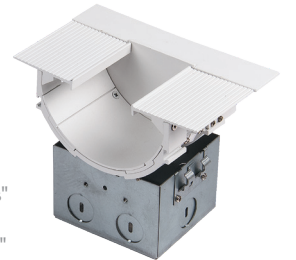
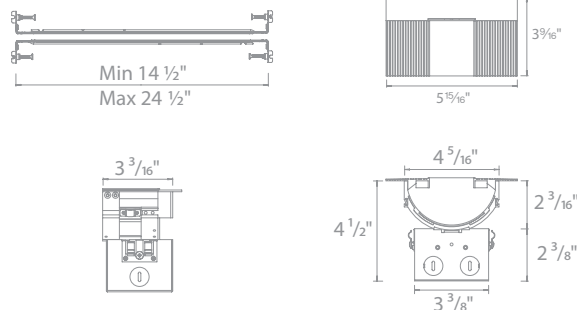


POWER FEED

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 bit
1 drill bit



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INVISILED® RGBWW

Angled Recessed Channel

WAC

InvisiLED RGBWW tape



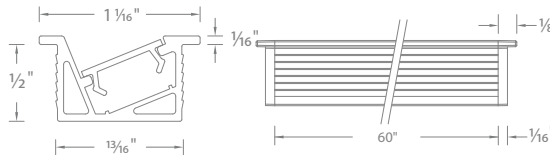
- Recessed asymmetrical distribution provides a clean wash of illumination
- Linear channel can be field cut
- Accommodates one run of InvisiLED CCT tape
- Includes a frosted acrylic diffuser

5FT LINEAR CHANNEL

LED-T-CH6-BK
LED-T-CH6-WT
LED-T-CH6-AL

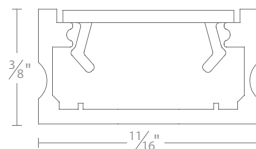
ADDITIONAL END CAPS

LED-T-CH6-EC-BK
LED-T-CH6-EC-WT
LED-T-CH6-EC-AL



Includes: 1 frosted diffuser
2 end caps

Indoor Aluminum Channels



SHALLOW ALUMINUM CHANNEL

LED-T-CH5-BK
LED-T-CH5-WT
LED-T-CH5-AL

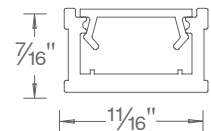
5'

ADDITIONAL END CAPS

LED-T-CH5-EC-BK
LED-T-CH5-EC-WT
LED-T-CH5-EC-AL

2 pcs

Includes a diffuser, 2 end caps, and 5 screws.

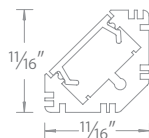


ALUMINUM CHANNEL ADDITIONAL END CAPS

LED-T-CH
LED-T-CH-EC

5'
2 pcs

Diffuses light from Gemini tape.
Includes a diffuser, 2 end caps, and 5 screws.

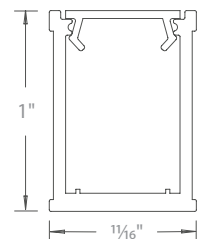


45° ANGLED ALUMINUM CHANNEL ADDITIONAL END CAPS

LED-T-CH2
LED-T-CH2-EC

5'
2 pcs

Includes a diffuser, 2 end caps, and 5 screws.



DEEP ALUMINUM CHANNEL ADDITIONAL END CAPS

LED-T-CH1
LED-T-CH1-EC

5'
2 pcs

Eliminates visible hot spots.
Includes a diffuser, 2 end caps, and 5 screws.

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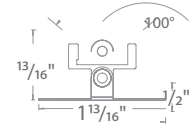
INVISILED® RGBWW

Indoor Mounting Accessories

WAC



ALUMINUM RETROFIT CHANNEL **LED-T-RC** 3 feet



ADJUSTABLE CHANNEL CLIP **LED-T-CL2-PT**

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



FIXED ANGLE CHANNEL CLIP **LED-T-CL3-PT**

Optical Channels and Lens Accessories



FROSTED DIFFUSER **LED-T-CH5-COV-FR** 5'
LED-T-CH8-COV-FR 8'

Standard diffuser included with channel.



SPOT OPTIC DEEP CHANNEL **LED-T-CH3-SP** 5'
ADDITIONAL END CAPS **LED-T-CH1-EC** 2 pcs

Eliminates visible hot spots.
Includes a diffuser, 2 end caps, and 5 screws.

Spot 9° Beam Angle



SEMI-CLEAR DIFFUSER **LED-T-CH5-COV-SF** 5'
LED-T-CH8-COV-SF 8'

Optional diffuser available, order separately.



FLOOD OPTIC DEEP CHANNEL **LED-T-CH3-FL** 5'
ADDITIONAL END CAPS **LED-T-CH1-EC** 2 pcs

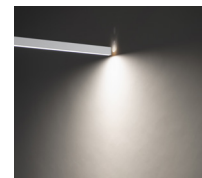
Eliminates visible hot spots.
Includes a diffuser, 2 end caps, and 5 screws.

Flood 54° Beam Angle



BLACK DIFFUSER **LED-T-CH5-COV-BK** 5'
LED-T-CH8-COV-BK 8'

Optional diffuser available, order separately.



WIDE FLOOD OPTIC DEEP CHANNEL **LED-T-CH3-WF** 5'
ADDITIONAL END CAPS **LED-T-CH1-EC** 2 pcs

Eliminates visible hot spots.
Includes a diffuser, 2 end caps, and 5 screws.

Wide Flood 84° Beam Angle

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