

# GEMINI LED Tape

WAC®



Fixture Type:

Catalog Number:

Project:

Location:

## DESCRIPTION

Flexible, customizable, uniform illumination, with the lowest profile. Linear Alpine delivers seamless line of light and performance with premium light quality without the need for additional diffused covers or accessories. Strong 3M adhesive bond for easy installation.

## FEATURES

- Damp Location listed
- Title 24 Compliant
- UL/cUL listed
- Available in convenient spools up to 100ft
- Cut and securely reconnect with ease
- May be cut every 2 inches
- Good color rendering
- 50,000 hour rated life
- 5 year product warranty

## SPECIFICATIONS

<b>Construction:</b>	Flexible Light Strip
<b>Cutting Interval:</b>	2"
<b>Input:</b>	24VDC
<b>Lumens:</b>	100/200/300 lm/ft
<b>CRI:</b>	90
<b>McAdams Steps:</b>	3
<b>Color Temp:</b>	2700K, 3000K, 3500K, 4000K
<b>Rated Life:</b>	50,000 Hours
<b>Operating Temp:</b>	-4°F to 104°F (-20°C to 40°C)
<b>Standards:</b>	UL, cUL, Damp Location Listed, Title 24 Compliant
<b>Max Run:</b>	

Total Length of Lead Wire Between Power Supply to Tape	Max Run Length					
	GE1		GE2		GE3	
	60W	96W	60W	96W	60W	96W
6FT (Comes std. with PS)	40ft	40ft	24ft	30ft	15ft	24ft
12FT	40ft	40ft	24ft	30ft	15ft	24ft
18FT	40ft	40ft	24ft	26ft	15ft	17ft
24FT	32ft	32ft	20ft	20ft	12ft	12ft
30FT	25ft	25ft	16ft	16ft	10ft	10ft
40FT	19ft	19ft	12ft	12ft	7ft	7ft

System	Lumens	Max Run	Power	Length	Color Temp	Color
T24-GE1	100+ lm/ft	40ft (60W), 40ft (96W)	1.2W/ft	15 24 100	27	2700K
T24-GE2	200+ lm/ft	24ft (60W), 30ft (96W)	2.2W/ft		30	3000K
T24-GE3	300+ lm/ft	15ft (60W), 24ft (96W)	3.9W/ft		35	3500K
					40	4000K
					WT	White

Example: T24-GE3-24-27WT

## KIT

Gemini LED tape light kits provide all the necessary components for seamless single-CCT linear lighting installations. Tailored for lighting professionals, these kits ensure optimal compatibility and ease of setup. Simply integrate a power supply, and you're ready to go. Enhance your efficiency and eliminate guesswork with our precisely curated installation kits, designed to deliver superior performance and reliability for any lighting project.

System	Lumens	Max Run	Power	Length	Color Temp	Include
T24-GE3	300+ lm/ft	15ft (60W), 24ft (96W)	3.9W/ft	15 15 ft spool	27	KIT GEMINI TAPE 300 24VDC 15FT. Remote Power Supply 96W 24VDC Extension Cable 12ft White Power to Tape connector 10 pcs Tape to Tape connector 3 pcs
					30	
					35	

Example: T24-GE3-15-27KIT



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44 Harbor Park Drive  
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Central Manufacturing Facility  
1700 South J Elmer Freeway, Ste 100  
Cedar Hill, TX 75104

West Manufacturing Facility  
1750 S Archibald Ave  
Ontario, CA 91761

### CLASS 2 POWER SUPPLY (REQUIRED)





	Model		Dimension	Input	Output	Dimming	Description
	<b>EN-BT60-24*</b>	Remote	6 1/2" x 2 1/16" x 1 1/4"	120V	24VDC 60W	ELV	<ul style="list-style-type: none"> <li>• ELV Dimming 100%-10%</li> <li>• 6ft Output lead wires</li> </ul>
	<b>EN-BT96-24*</b>		6 1/2" x 2 1/16" x 1 1/4"	120V	24VDC 96W	ELV	
	<b>PS-24DC-U60R-BT</b>	Remote	8 13/16" x 2 1/16" x 1 1/4"	120V-277V	24VDC 60W	ELV/TRIAC	<ul style="list-style-type: none"> <li>• TRIAC, ELV Dimming 100%-1%</li> <li>• Universal Input, ≥ 0.9 pf</li> <li>• Overload and short circuit protection</li> </ul>
	<b>PS-24DC-U96R-BT</b>		8 13/16" x 2 1/16" x 1 1/4"	120V-277V	24VDC 96W	ELV/TRIAC	
	<b>PS-24DC-U3X96R-BT</b>	Remote	11 15/16" x 4 5/16" x 1 15/16"	120-277V	24VDC / 3 X 96W	ELV / TRIAC / 0-10V	<ul style="list-style-type: none"> <li>• TRIAC, ELV, 0-10V Dimming 100%-5%</li> <li>• Includes 6ft lead wires with connectors ready to be used with Gemini tape</li> <li>• Overload and short circuit protection</li> </ul>
	<b>EN-24100-277-RB2</b>	Remote	12 5/8" X 3 1/4" X 2"	120-277V	24VDC / 96W	100%-5% 0-10V	<ul style="list-style-type: none"> <li>• 0-10V Dimming 100%-5%</li> <li>• Universal Input, ≥ 0.9 pf</li> <li>• 6ft Output lead wire</li> <li>• UL Class 2 Output</li> </ul>
	<b>PS-24DC-60P-GE</b>	Plug-in	3 15/16" X 2 1/4" X 1 1/2"	120V	24VDC/60W	Non-dimmable	<ul style="list-style-type: none"> <li>• On/Off switch integral</li> <li>• 5ft Output lead wire</li> <li>• Overload and short circuit protection</li> </ul>
	<b>EN-D24100-120-R</b>	Wall Dimmer + Driver	2.1" X 3.82" X 1.4"	120VAC	24VDC / 96W	Integral	<ul style="list-style-type: none"> <li>• UL Class 2 Output</li> </ul>

\* Not compatible with wireless controller (CTR-WDMX-24VDC)

\* Not compatible with Touch Panel and Motion Sensor (CT-6A-R2)












\* Not compatible with iR sensor (IR-g6-24VACDC)

### CONTROLLER

	MODEL	Input	Output	Dimension	
	<b>CTR-WDMX-24VDC</b>	24VDC, 96W Max from power supply 6" input cable included	24VDC, 90W Max 3ft output cable included	5" x 3 1/2" x 1 1/2"	<b>24VDC Wireless DMX Controller</b> Allows any 24VDC Fixture to be wirelessly controlled through MyWAC app, WallStation, or DMX IP65 wet rated *Wi-Fi network is required to operate the system
	<b>LED-WCT-WT</b>	120-230VAC	N/A	4 5/8" x 2 3/4" x 1 5/8"	<b>WallStation</b> - Multi-scene selection - Raise/Lower, dedicated Off button - Suitable for standard single NEMA wall box Setup and configuration via MyWAC mobile application - no physical adjustment needed - cUL listed
	<b>CT-6A-R2</b>	12/24 VAC/DC			<b>Touch Panel and Motion Sensor</b> Includes a Touch Panel, Occupancy Sensor and a Controller. AC/DC input at 24V(96W Max). Connect on secondary side of power supply
	<b>IR-96-24VACDC-WT</b> <b>IR-96-24VACDC-BK</b>	24 VAC/DC		White Black	<b>IR Sensor</b> IR (Infrared sensors switch works by turning the lights on when it becomes unobstructed).

**Important Dimming Notice:** Must select either the Wireless DMX Controller (CTR-WDMX-24VDC) for wireless operation or a TRIAC/ELV/0-10V dimmer for dimming capabilities. Please be aware that these control options cannot be used simultaneously—the LED tape cannot be dimmed using both the TRIAC/ELV dimmer and wirelessly from the mobile app or WallStation. Choose one method to ensure optimal functionality and avoid operational conflicts.

### Accessories

Tape to Tape Connector		T24-BS-MM-CL	10 pcs	Clear	Connects Tape Sections
Tape to Tape Corner Connector		T24-BS-L-CL	2 pcs	Clear	Connects Tape Sections
Power to Tape Connector		T24-BS-PM-CL	10 pcs	Clear	Connects tape sections and power feed
Flex Y Connector		T24-BS-Y-WT T24-BS-Y-BK	1 pc	White Black	Connects tape sections and power feed
Flex X Connector		T24-BS-X-WT T24-BS-X-BK	1 pc	White Black	Connects tape sections and power feed, includes LED-T-B
Low Voltage Wiring Box		LED-T-B		White	Neatly house connections for up to 2 wires
Joiner Cable		T24-BS-IC-002 T24-BS-IC-006 T24-BS-IC-012 T24-BS-IC-036 T24-BS-IC-072	2 inches 6 inches 1 foot 3 feet 6 feet	BK Black WT White	Extends distance between tape sections
Extension Cable		T24-BS-EX2-072 T24-BS-EX2-144 T24-BS-EX2-240 T24-BS-EX2-480	6 feet 12 feet 20 feet 40 feet	BK Black WT White	Extends distance between tape sections and power supply (Includes a LED-T-B & screw driver)
Plastic Mounting Clip		T24-BS-CL1	10pcs	Clear	For installation on non-flat surfaces. Includes: 10 pcs plastic mounting clips and 10 pcs screws.
DMX Joiner Cable - Satellite		T24-OD-SW60	Black	5 ft	Connect between CTR-WDMX-24VDC Master to Satellite
		T24-OD-SW120		10 ft	
DMX Joiner Cable - Universe		T24-OD-MW60	Black	5 ft	Connect between DMX Universe to CTR-WDMX-24VDC
		T24-OD-MW120		10 ft	

Example: T24-BS-IC-002-BK

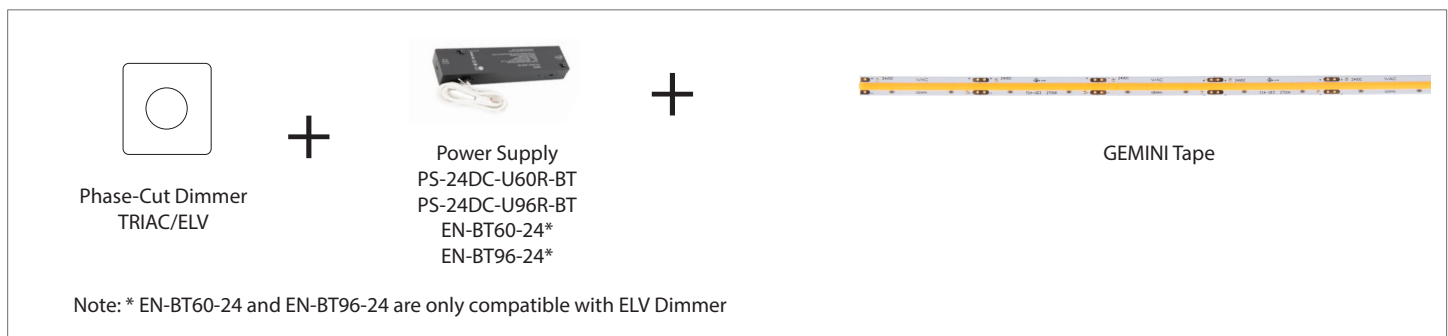
## WIRING DIAGRAM

### Control Through Outdoor Wireless DMX Controller

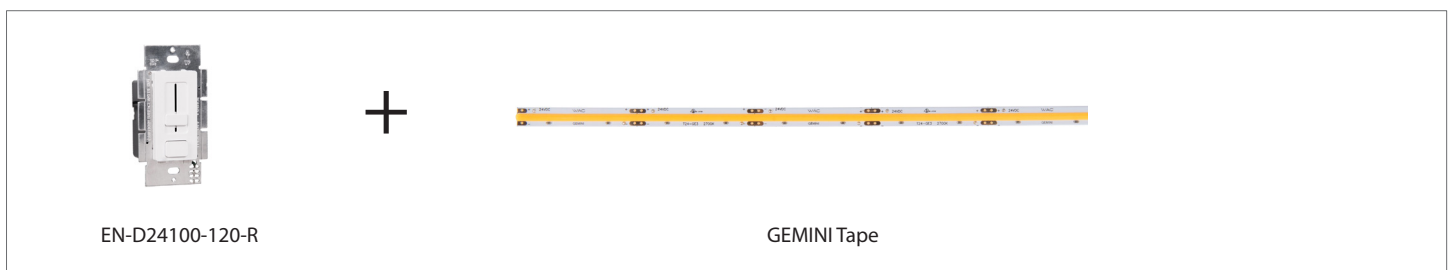


Note: EN-BT60-24 & EN-BT96-24 power supplies are not compatible with wireless controller (CTR-WDMX-24VDC)

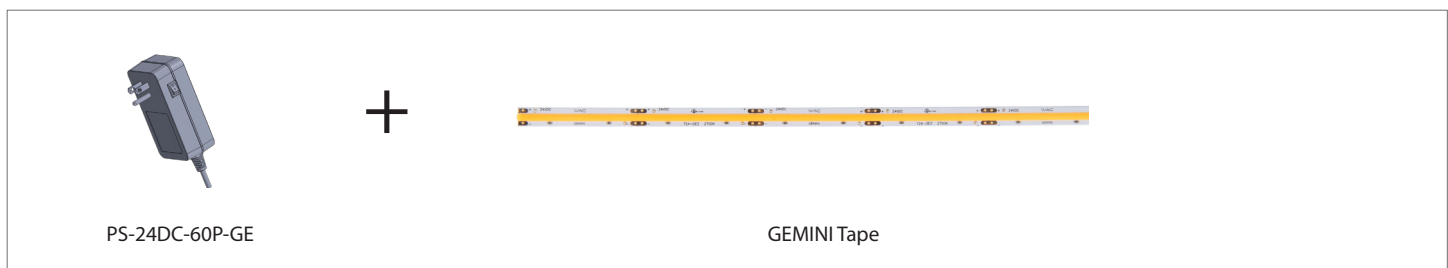
### Control Through TRIAC/ELV Dimmer



### Control Through Wall Dimmer & Driver



### Control Through On/Off switch on Plug-in power supply (Non-dimmable)





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

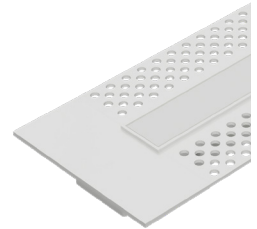
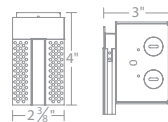
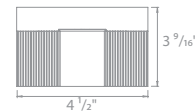
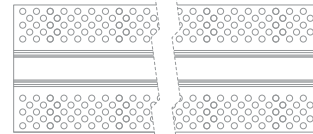
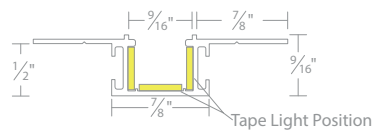
### 8FT LINEAR CHANNEL LED-T-RCH4-WT

**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



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

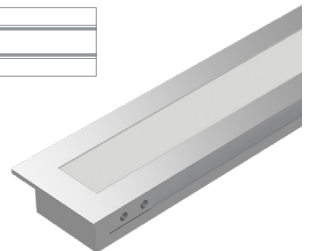
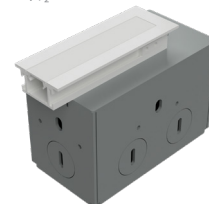
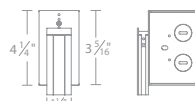
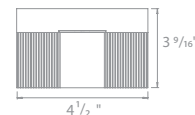
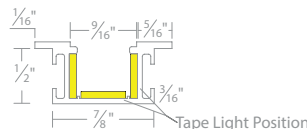
### 8FT LINEAR CHANNEL LED-T-RCH5-BK LED-T-RCH5-WT LED-T-RCH5-AL

**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

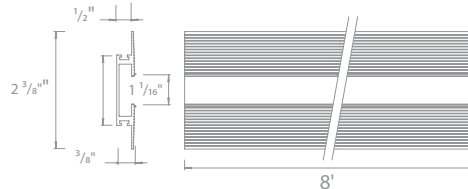


Gemini tape

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

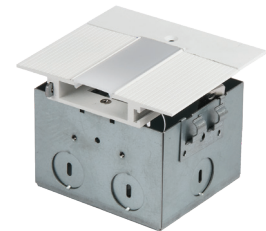
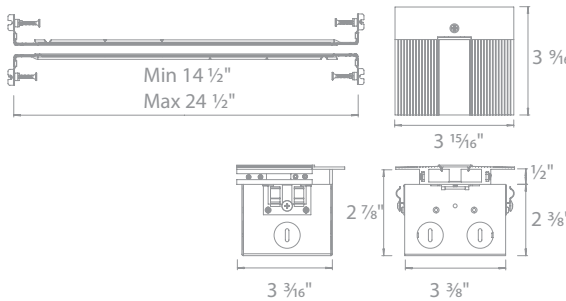


### POWER FEED

### 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.

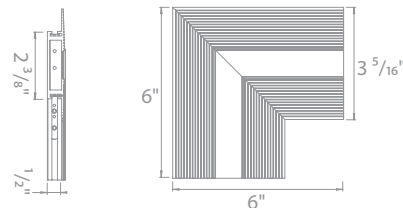
Includes: 1 wiring box  
2 hanger bars  
4 five-pin InvisiLED® adapters  
2 end caps  
1 diffuser  
2 channel connectors  
1 counter sink drill bit  
1 drill bit  
1 installation tool



### LATERAL CORNER

### LED-T-CTC1-WT

Includes: 1 diffuser  
2 channel connectors  
2 perforated metal sheets

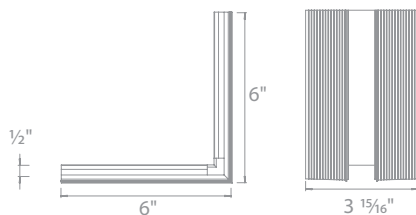


### PERPENDICULAR CORNER

### LED-T-WTC1-WT

Transitions between walls or wall to ceiling

Includes: 1 diffuser  
2 channel connectors  
2 perforated metal sheets

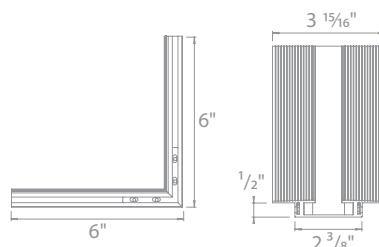


### OUTSIDE CORNER

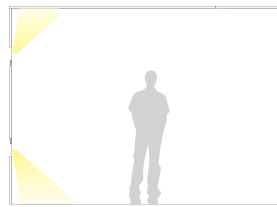
### LED-T-WTW1-WT

Transitions around columns, bump outs, or soffits

Includes: 1 diffuser  
2 channel connectors  
2 perforated metal sheets



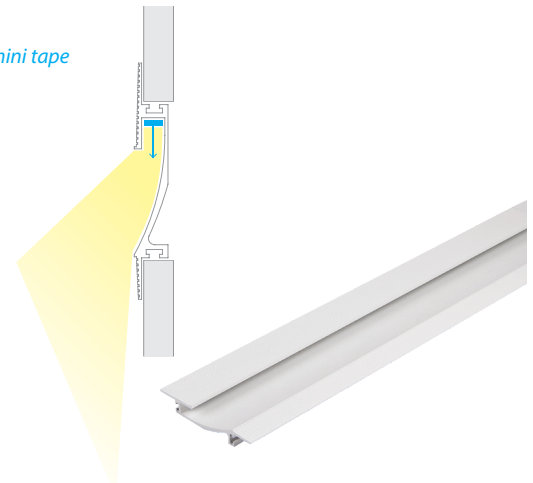
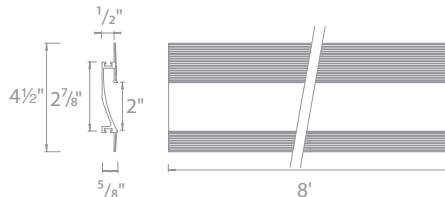
- Installs within  $\frac{5}{8}$ " drywall depth
- Linear channel can be field cut
- Accommodates one run of Gemini tape
- Dense foam insert to be removed in installation after spackling
- Recommended installation within 15 inches of surface to be illuminated



Gemini tape

### 8FT LINEAR CHANNEL LED-T-RCH2-WT

Includes: 8 perforated metal sheets  
2 channel connectors

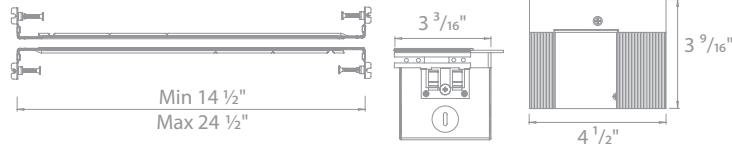


### POWER FEED

### LED-T-RBOX2-WT

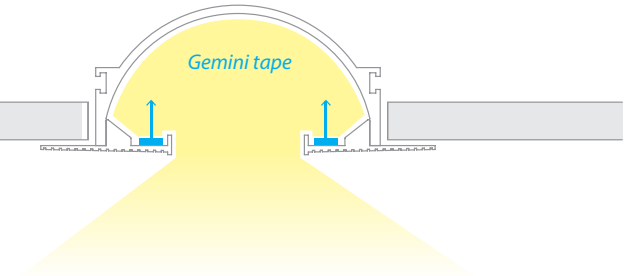
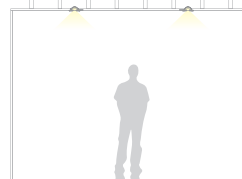
The end cap may be placed on either side. Hanger bars may be installed on any side of the wiring box.

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



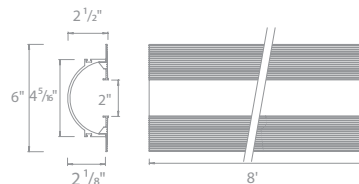
## Indirect Recessed Slim Channel

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



### 8FT LINEAR CHANNEL LED-T-RCH3-WT

Includes: 10 perforated metal sheets  
2 channel connectors

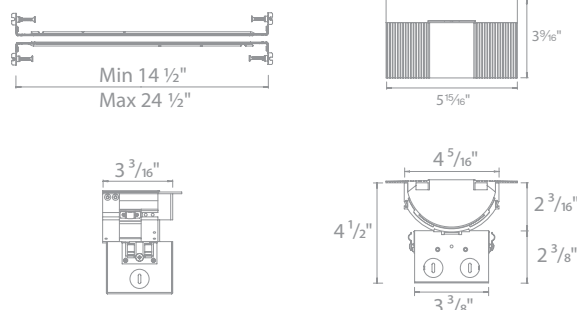


### POWER FEED

### 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



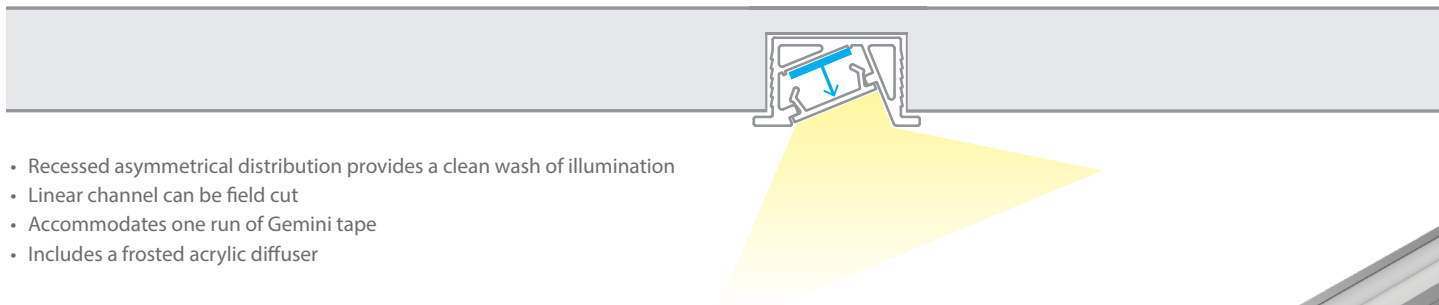


# GEMINI

## Angled Recessed Channel

WAC®

Gemini tape



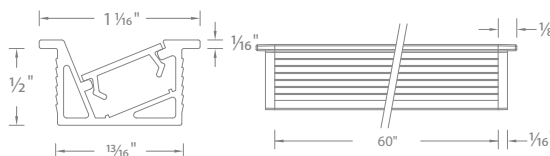
- Recessed asymmetrical distribution provides a clean wash of illumination
- Linear channel can be field cut
- Accommodates one run of Gemini tape
- Includes a frosted acrylic diffuser

### 5FT LINEAR CHANNEL

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

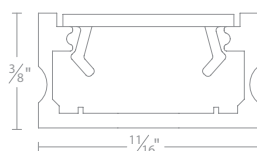
### ADDITIONAL END CAPS

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

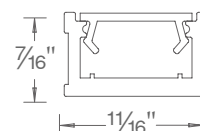
5'

### 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.

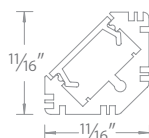


### ALUMINUM CHANNEL ADDITIONAL END CAPS

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

5'  
2 pcs

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

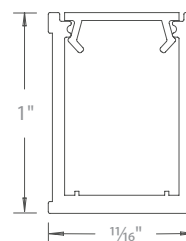


### 45° ANGLED ALUMINUM CHANNEL ADDITIONAL END CAPS

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.

wacighting.com  
Phone (800) 526.2588  
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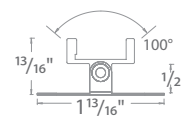
# GEMINI

## 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

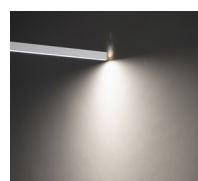
Eliminates visible hot spots.  
Includes a diffuser, 2 end caps, and 5 screws.

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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