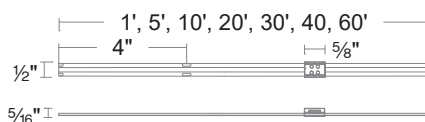
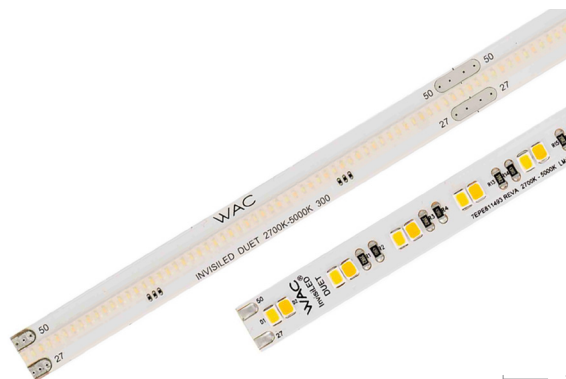


INVISILED® Duet

2-Wire Adjustable CCT LED Tape

WAC®



Fixture Type:

Catalog Number:

Project:

Location:

PRODUCT DESCRIPTION

InvisiLED DUET simplifies linear lighting with an innovative two-wire system that delivers both power and control through a single tape light. Featuring 24VDC operation, field-selectable CCT options (1800K–4000K or 2700K–5000K), TRIAC/ELV/0–10V dimming, and field-cutttable construction, DUET is engineered for faster installation, reliable performance, and exceptional lighting quality.

FEATURES

- Select and choose desirable CCT with matching CCT selectable power supply.
- Uniform brightness with advanced Chip-on-Board LEDs
- Strong adhesive bonding with the 3M adhesive VHB
- May be cut and easily reconnected every 4 inches
- Closet Rated options (DU1, DU2, DU3)
- DU1, DU2, DU3, DU4: Available in COB (Chip-on-Board) style for seamless, uniform light output.
- DU6, DU10: Available in discrete LED style for defined, individual light points.

SPECIFICATIONS

Construction:	Flexible strip light
Cutting Interval:	4"
Input:	24VDC
Lumens:	Up to 1000 lm/ft
CRI:	90
Color Temp:	1800K - 4000K / 2700K-5000K
Dimming:	ELV, TRIAC, 0-10V:100-5%
Rated Life:	50,000 hours
Operating Temp:	-4°F to 104°F (-20°C to 40°C)
Standards:	UL & cUL listed, Damp Location listed, Title 24 Compliant
Max Run:	Refer to max-run table on p.2
Warranty:	10 years

TAPE SELECTIONS

System	Power	Length (in feet)	Color Temp	Finish
T24-DU1	100+lm/ft	1.2W/ft	01 05 10 20 60	A 1800K-4000K B 2700K-5000K White
T24-DU2	200+lm/ft	2.3W/ft	01 05 10 20 40	
T24-DU3	300+lm/ft	3.5W/ft	01 05 10 20 30	
T24-DU4	400+lm/ft	4.7W/ft	01 05 10 20 N/A	
T24-DU6	600+lm/ft	5.4W/ft	01 05 10 15 N/A	
T24-DU10	1000+lm/ft	8.3W/ft	01 05 10 N/A N/A	

Example: **T24-DU3-20-B**

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INVISILED® Duet

Power Supplies and Accessories



Total Length of Lead Wire Between Power Supply to Tape	Max Run Length											
	DU1		DU2		DU3		DU4		DU6		DU10	
	60W	96W	60W	96W	60W	96W	60W	96W	60W	96W	60W	96W
6FT (Comes std. with PS)	50ft	60ft	25ft	40ft	20ft	30ft	15ft	20ft	12ft	15ft	8ft	10ft
12FT	50ft	60ft	25ft	40ft	20ft	30ft	15ft	20ft	12ft	15ft	8ft	10ft
18FT	50ft	60ft	25ft	40ft	20ft	30ft	15ft	20ft	12ft	15ft	8ft	10ft
24FT	46ft	55ft	20ft	35ft	16ft	25ft	12ft	16ft	10ft	15ft	6ft	10ft
30FT	42ft	52ft	18ft	32ft	13ft	23ft	10ft	15ft	9ft	13ft	5ft	8ft
40FT	40ft	50ft	15ft	30ft	10ft	20ft	10ft	15ft	8ft	12ft	5ft	8ft

Note: The calculations provided are predicated on the use of 20 AWG wire. This specific gauge is engineered for optimal performance with the T24-DU-PM-CL connector.

Implementing a larger wire gauge may not be compatible with this connector, necessitating a soldered connection to the LED tape.

	MODEL	Finish			
	T24-DU-PM-CL	Clear	Power to Tape Connector Connects power cable to tape (10 pieces per pack)		
	T24-DU-MM-CL	Clear	Tape to Tape Connector Connects tape sections (10 pieces per pack)		
	T24-DU-L-CL	Clear	Tape to Tape L Connector Connects tape sections (2 pieces per pack)		
	T24-DU-Y-WT T24-DU-Y-BK	White Black	Flex Y Connector Connects tape sections		
	T24-DU-X-WT T24-DU-X-BK	White Black	Flex Y Connector Connects tape sections		
	T24-DU-IC-002 T24-DU-IC-006 T24-DU-IC-012 T24-DU-IC-036 T24-DU-IC-072	WT White BK Black	Joiner Cable Connects tape sections, 2 male ends In wall rated wire	2 in 6 in 1 ft 3 ft 6 ft	Example: T24-DU-IC-002-WT
	T24-DU-EX2-072 T24-DU-EX2-144 T24-DU-EX2-240 T24-DU-EX2-480	WT White BK Black	Extension Cable Extends distance between a hard wire power supply or a wiring box to a tape section In wall rated wire	6 ft 12 ft 20 ft 40 ft	Example: T24-DU-EX2-072-WT
	T24-DU-CL	Clear	Plastic Mounting Clip For installation on non-flat surfaces Include 10 pcs plastic mounting clips and 10 screw		
	LED-T-B	White	Low voltage Wiring Box Neatly house connections for up to 2 wires		

Example: **T24-DU-IC-006-WT**

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CCT SELECT POWER SUPPLY

Model	Input	Output	Dimension	Description
 PS-24DC-U60R-CS-DU PS-24DC-U96R-CS-DU	120-277VAC	24VDC, 60W 24VDC, 96W	7 1/16" x 3 7/8" x 1 3/8"	• TRIAC/ELV/0-10V • >0.9 pf • Overload and short circuit protection • PS-24DC-U60R-CS-DU and PS-24DC-U96R-CS-DU includes 6ft lead wire with connector • Dual-switch design lets users select load type (1800K-4000K or 2700K-5000K) and choose from preset CCTs: - 1800K-4000K mode: 1800K, 2700K, 3000K, 3500K, 4000K - 2700K-5000K mode: 2700K, 3000K, 3500K, 4000K, 5000K • Remote power supplies are designed for permanent installation and require conduit and knock-out holes for secure line voltage wiring connections.
 PS-24DC-U288R-CSDU	120-277VAC	24VDC, 3 X 96W	12 15/16" x 4 3/4" x 1 3/4"	• Non-dimmable • Integral switch on/off • Overload and short circuit protection • Includes 6ft lead wire with connector • Dual-switch design lets users select load type (1800K-4000K or 2700K-5000K) and choose from preset CCTs: - 1800K-4000K mode: 1800K, 2700K, 3000K, 3500K, 4000K - 2700K-5000K mode: 2700K, 3000K, 3500K, 4000K, 5000K • Portable power supplies feature plug-in designs for quick installation, do not require conduit or junction box access, and include an integral switch for convenience.
 PS-24DC-60P-DU	120VAC	24VDC, 60W	2 3/4" x 2 13/16" x 1 3/8"	• Non-dimmable • Integral switch on/off • Overload and short circuit protection • Includes 6ft lead wire with connector • Dual-switch design lets users select load type (1800K-4000K or 2700K-5000K) and choose from preset CCTs: - 1800K-4000K mode: 1800K, 2700K, 3000K, 3500K, 4000K - 2700K-5000K mode: 2700K, 3000K, 3500K, 4000K, 5000K • Portable power supplies feature plug-in designs for quick installation, do not require conduit or junction box access, and include an integral switch for convenience.
 PS-24DC-96P-DU	120VAC	24VDC, 96W	4" x 2 1/4" x 1 3/8"	

Note: CCT Select Power Supply does not work with WAC Home/ MyWAC system.

DIM-TO-WARM & TUNABLE WHITE POWER SUPPLY

Model	Input	Output	Dimension	Description
 PS-24DC-U60R-TD-DU PS-24DC-U96R-TD-DU	120-277VAC	24VDC, 60W 24VDC, 96W	7 1/16" x 3 7/8" x 1 3/8"	• Dedicated CCT Compatibility: Factory-calibrated exclusively for 1800K-4000K Duet products (not compatible with 2700K-5000K models). • Integrated Design: Combines power supply and dual-mode controller in a single compact housing. • 10 Selectable Profiles: 9 Dim-to-Warm application profiles (A1-A5, B1-B4) plus 1 independent Tunable White profile (B5). • Dim-to-Warm Control: Automatic CCT transition across the 1800K-4000K range via standard single-channel TRIAC/ELV phase dimming (120VAC) or 0-10V (120-277VAC). • Tunable White Control (Profile B5): 0-10V input linearly tunes CCT from 1800K (0-1V) to 4000K (9-10V), while TRIAC/ELV independently controls brightness. • Installation Ready: Dual wiring compartments with trade-size knockouts for separate line-voltage and low-voltage field connections.

Note: Dim-To-Warm & Tunable White Power Supply does not work with WAC Home/MyWAC system.

EXAMPLE INSTALLATION FOR CCT SELECT POWER SUPPLY



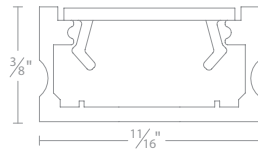
TOUCH PANEL AND MOTION SENSOR

Model	Input	Description
 CT-6A-R2	24VAC/DC (96W MAX)	Includes a Touch Panel, Occupancy Sensor and a Controller. Connect on secondary side of power supply

INVISILED® Duet

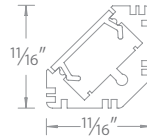
Indoor Aluminum Channel

WAC®



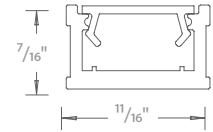
SHALLOW ALUMINUM CHANNEL	LED-T-CH5-BK	
	LED-T-CH5-WT	5'
	LED-T-CH5-AL	
ADDITIONAL END CAPS	LED-T-CH5-EC-BK	
	LED-T-CH5-EC-WT	2 pcs
	LED-T-CH5-EC-AL	

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



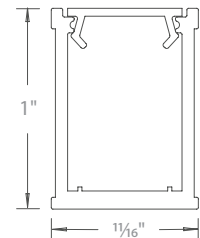
45° ANGLED ALUMINUM CHANNEL	LED-T-CH2	5'
ADDITIONAL END CAPS	LED-T-CH2-EC	2 pcs

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



ALUMINUM CHANNEL	LED-T-CH	5'
ADDITIONAL END CAPS	LED-T-CH-EC	2 pcs

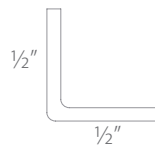
Diffuses light from Duet tape.
Includes a diffuser, 2 end caps, and 5 screws.



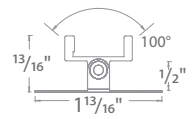
DEEP ALUMINUM CHANNEL	LED-T-CH1	5'
ADDITIONAL END CAPS	LED-T-CH1-EC	2 pcs

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

Indoor Mounting Accessories

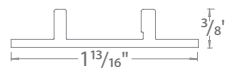
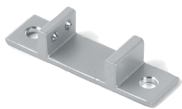


ALUMINUM RETROFIT CHANNEL	LED-T-RC	3 feet
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ADJUSTABLE CHANNEL CLIP	LED-T-CL2-PT
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Includes 2 pieces, 4 screws. Used to mount Aluminum Channel.
Adjust 50° from center either way.



FIXED ANGLE CHANNEL CLIP	LED-T-CL3-PT
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INVISIBLE® Duet

Optical Channels and Lens Accessories

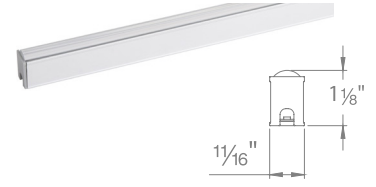
WAC®



FROSTED DIFFUSER

LED-T-CH5-COV-FR 5'
LED-T-CH8-COV-FR 8'

Standard diffuser included with channel.



SPOT OPTIC DEEP CHANNEL ADDITIONAL END CAPS

LED-T-CH3-SP 5'
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 ADDITIONAL END CAPS

LED-T-CH3-FL 5'
LED-T-CH1-EC 2 pcs

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

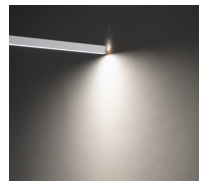
Flood 54° Beam Angle



BLACK DIFFUSER

LED-T-CH5-COV-BK 5'
LED-T-CH8-COV-BK 8'

Optional diffuser available, order separately.



WIDE FLOOD OPTIC DEEP CHANNEL ADDITIONAL END CAPS

LED-T-CH3-WF 5'
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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INVISILED® Duet

Angled Recessed Channel

WAC®

Duet tape

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

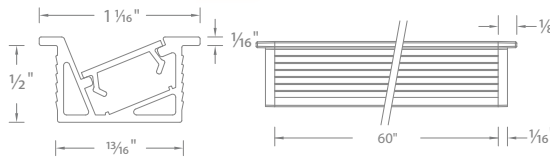
5FT LINEAR CHANNEL

Includes: 1 frosted diffuser
2 end caps

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



45° Angled Knife Edge Surface Mount Channel

- Knife edge design provides a sleek, low-profile look for shelf and cabinetry lighting applications
- Linear channel can be field cut
- Accommodate one run of LED tape
- Includes a frosted acrylic diffuser

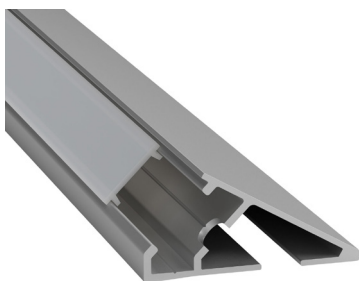
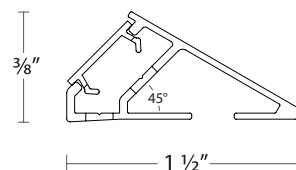
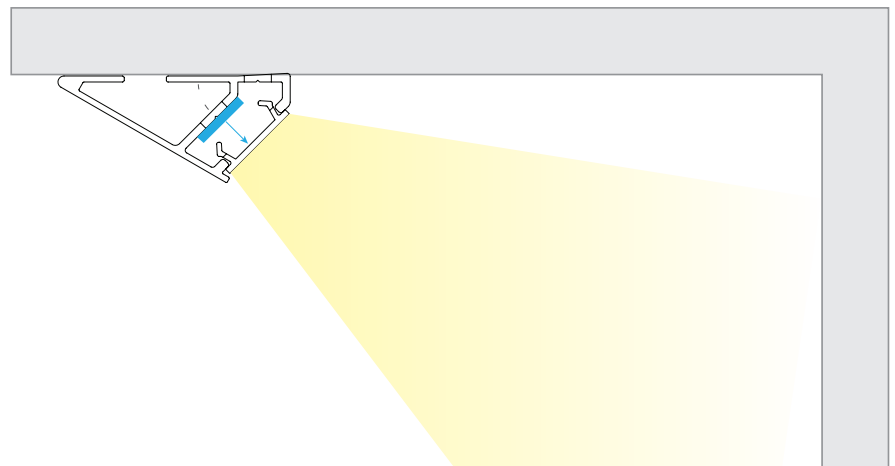
5FT LINEAR CHANNEL

Includes: 1 frosted diffuser
2 end caps

LED-T-CH7-AL
LED-T-CH7-BK
LED-T-CH7-WT

ADDITIONAL END CAPS

LED-T-CH7-EC-AL
LED-T-CH7-EC-BK
LED-T-CH7-EC-WT



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INVISILED® Duet

Trimless Recessed Slim Channel

WAC®

Indoor InvisILED tape

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

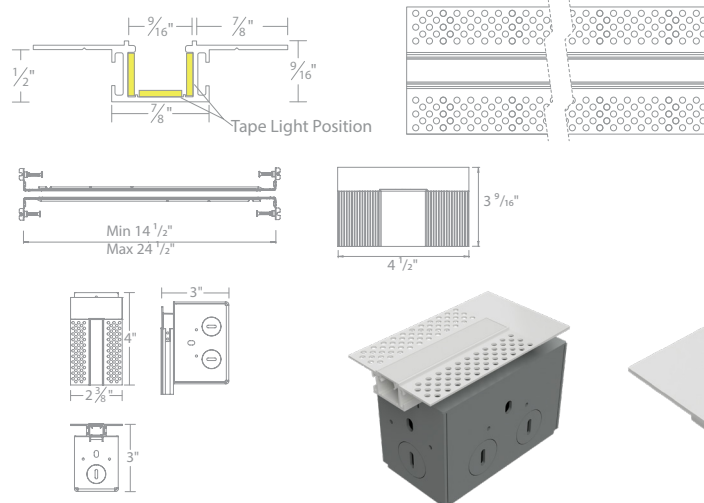
8FT LINEAR CHANNEL LED-T-RCH4-WT

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

Indoor InvisILED tape

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

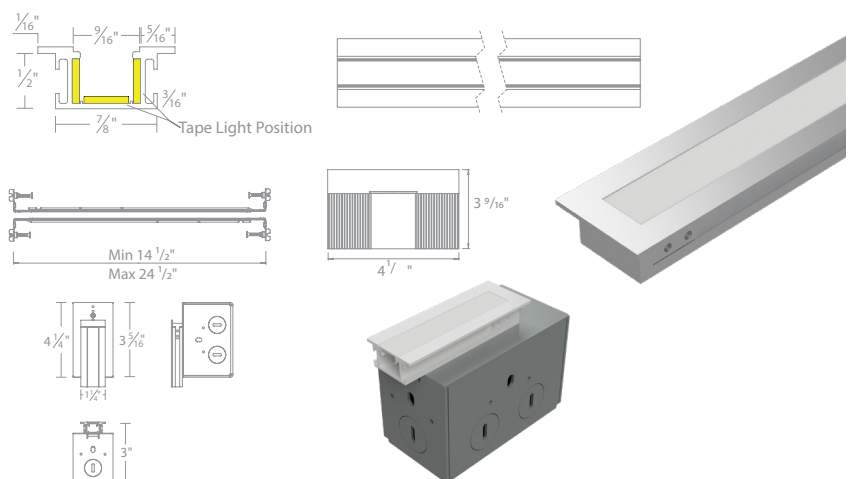
8FT LINEAR CHANNEL LED-T-RCH5-BK LED-T-RCH5-WT LED-T-RCH5-AL

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® Duet

Symmetrical Recessed Channel

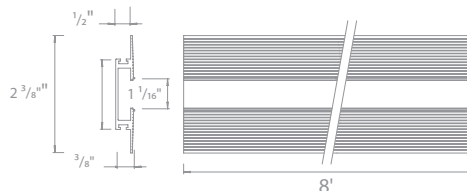
WAC®

Indoor InvisiLED tape

- 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

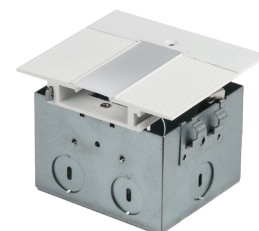
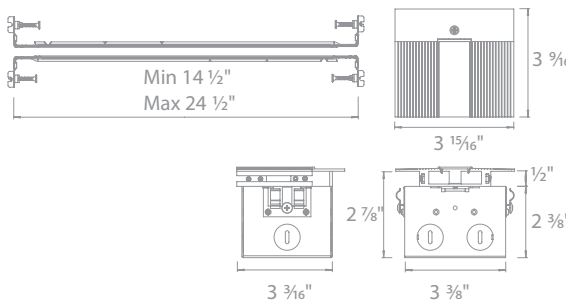


POWER FEED

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.

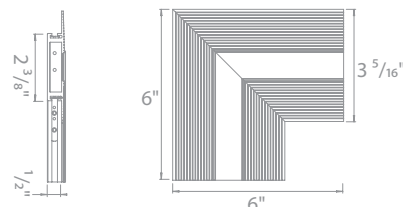
Includes: 1 wiring box
2 hanger bars
4 five-pin InvisiLED® adapters
2 end caps
1 diffuser
2 channel connectors
1 counter sink drill bit
1 drill bit
1 installation tool



LATERAL CORNER

LED-T-CTC1-WT

Includes: 1 diffuser
2 channel connectors
2 perforated metal sheets

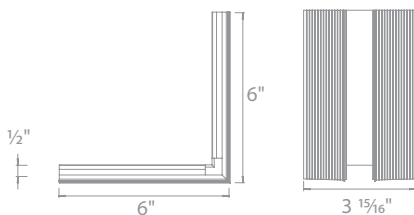


PERPENDICULAR CORNER

LED-T-WTC1-WT

Transitions between walls or wall to ceiling

Includes: 1 diffuser
2 channel connectors
2 perforated metal sheets

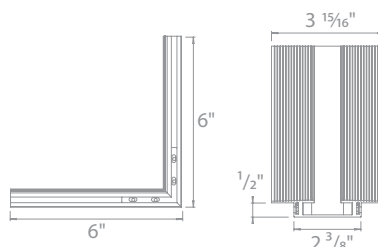


OUTSIDE CORNER

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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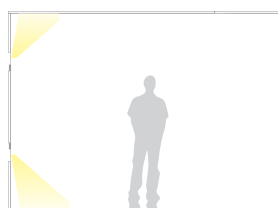
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INVISILED® Duet

Asymmetrical Recessed Channel

WAC®

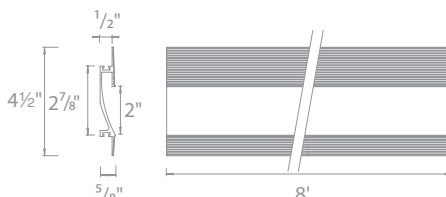
- Installs within $\frac{5}{8}$ " drywall depth
- Linear channel can be field cut
- Accommodates one run of InvisILED indoor tape
- Dense foam insert to be removed in installation after spackling
- Recommended installation within 15 inches of surface to be illuminated



Indoor InvisILED tape

8FT LINEAR CHANNEL LED-T-RCH2-WT

Includes: 8 perforated metal sheets
2 channel connectors

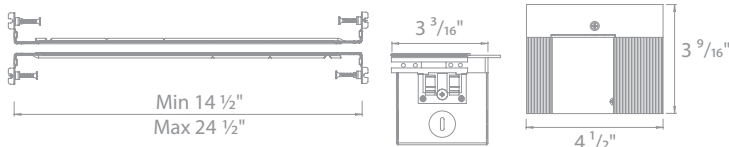


POWER FEED

LED-T-RBOX2-WT

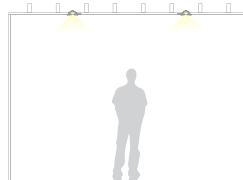
The end cap may be placed on either side. Hanger bars may be installed on any side of the wiring box.

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



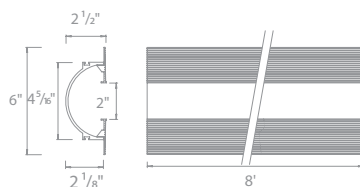
Indirect Recessed Slim Channel

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



8FT LINEAR CHANNEL LED-T-RCH3-WT

Includes: 10 perforated metal sheets
2 channel connectors

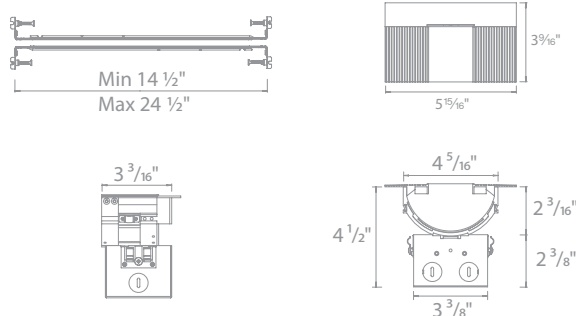


POWER FEED

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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