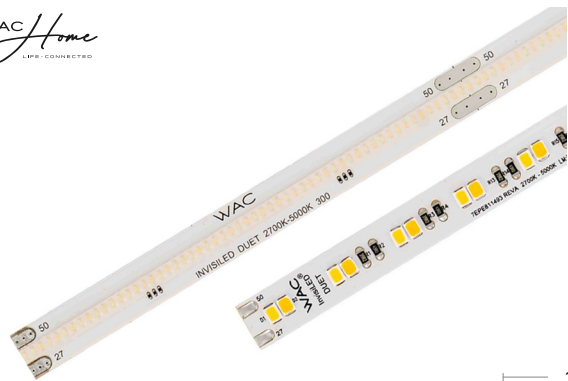


INVISILED® Duet

2-Wire Adjustable CCT LED Tape



Fixture Type:

Catalog Number:

Project:

Location:



PRODUCT DESCRIPTION

InvisiLED DUET delivers seamless tunable white illumination with WAC Home compatibility for intelligent residential lighting. Featuring Chip-on-Board LEDs for smooth, dot-free illumination, selectable 1800K–4000K or 2700K–5000K Tunable White and dim-to-warm, six output levels up to 1000 lm/ft, and strong 3M VHB adhesive backing, DUET is engineered for dependable performance and simplified installation.

FEATURES

- Tune to desired CCT and intensity with WAC Home power supplies.
- 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

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**

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

Headquarters, East Manufacturing Facility
44 Harbor Park Drive
Port Washington, NY 11050

South East Manufacturing Facility
1600 Distribution Ct
Lithia Springs, GA 30122

Central Manufacturing Facility
1700 South J Elmer Freeway, Ste 100
Cedar Hill, TX 75104

West Manufacturing Facility
1750 S Archibald Ave
Ontario, CA 91761

WAC Home PSC (Power Supply + Controller)

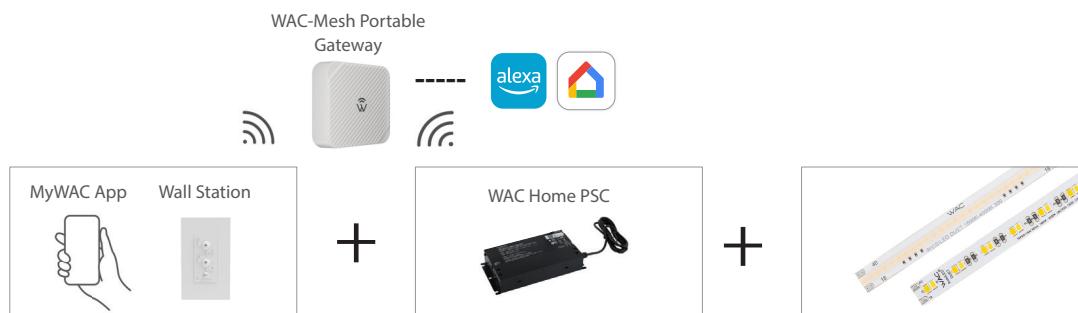
Model	Input	Output	Dimension	Description
 PS-24DC-96R-TW-DU	120-277VAC	24VDC 96W	7 11/16" x 4 11/16" x 1 3/8"	• Compatible with Duet product family for tunable white and dim-to warm lighting using 2-wire technology. • Compatible with WAC-Mesh WallStation and Portable Gateway for enhanced functionality. • Works with the MyWAC app on iOS and Android for control from anywhere. • Supports cloud connectivity with voice control via Google Assistant and Amazon Alexa.
 PS-24DC-288R-TW-DU	120-277VAC	24VDC, 3 X 96W	12 15/16" x 4 3/4" x 1 3/4"	• > 0.9 pf • Overload and short circuit protection. • PS-24DC-96R-TW-DU includes 6ft lead wire with connector

Note: PSC (Power Supply + Controller) does NOT work with standard wall dimmer (TRAIC/ELV or 0-10V)
PSC requires at least 1 unit of WAC-Mesh Portable Gateway to operate

WAC Home Components

Model	Input	Output	Dimension	Description
 WH-GW1-WT	120-240VAC	N/A	3 7/8" x 3 7/8" x 7/8"	• WAC-Mesh Portable Gateway • Required for operation of one or multiple WAC Home PSCs and WAC-Mesh fixtures • Supports optional wired Ethernet connection • Configured via MyWAC app • Includes 3 ft USB-C cable and power supply • Suitable for tabletop or wall mounting
 WH-WS-WT	120-240VAC	N/A	4 5/8" x 2 3/4" x 1 3/4"	• WAC-Mesh WallStation • Features a contemporary Decora-style design • Offers a selection of curated preset lighting scenes • Provides independent brightness control for precise adjustments • Supports personalization with custom scenes, including Dim-to-Warm and natural light tracking options

Example Installation for WAC Home System

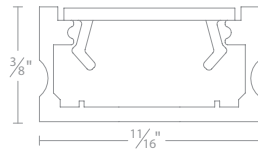


Model	Input	Description
 CT-6A-R2	24VAC/DC (96W MAX)	Includes a Touch Panel, Occupancy Sensor and a Controller. Connect on secondary side of power supply

INVISILED® Duet

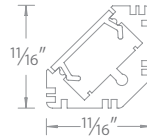
Indoor Aluminum Channel

WAC®



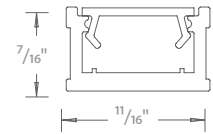
SHALLOW ALUMINUM CHANNEL	LED-T-CH5-BK	
	LED-T-CH5-WT	5'
	LED-T-CH5-AL	
ADDITIONAL END CAPS	LED-T-CH5-EC-BK	
	LED-T-CH5-EC-WT	2 pcs
	LED-T-CH5-EC-AL	

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



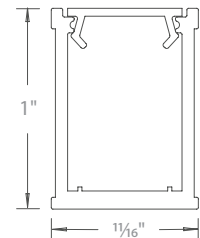
45° ANGLED ALUMINUM CHANNEL	LED-T-CH2	5'
ADDITIONAL END CAPS	LED-T-CH2-EC	2 pcs

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



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

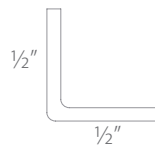
Diffuses light from Duet tape.
Includes a diffuser, 2 end caps, and 5 screws.



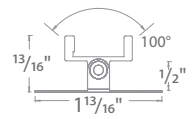
DEEP ALUMINUM CHANNEL	LED-T-CH1	5'
ADDITIONAL END CAPS	LED-T-CH1-EC	2 pcs

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

Indoor Mounting Accessories

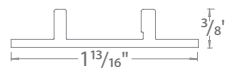
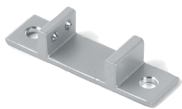


ALUMINUM RETROFIT CHANNEL	LED-T-RC	3 feet
----------------------------------	-----------------	--------



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
---------------------------------	---------------------

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

Headquarters, East Manufacturing Facility
44 Harbor Park Drive
Port Washington, NY 11050

South East Manufacturing Facility
1600 Distribution Ct
Lithia Springs, GA 30122

Central Manufacturing Facility
1700 South J Elmer Freeway, Ste 100
Cedar Hill, TX 75104

West Manufacturing Facility
1750 S Archibald Ave
Ontario, CA 91761

INVISILED® 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.



SEMI-CLEAR DIFFUSER

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

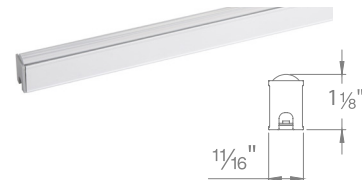
Optional diffuser available, order separately.



BLACK DIFFUSER

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

Optional diffuser available, order separately.

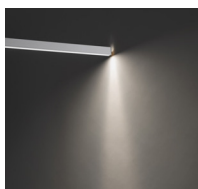


SPOT OPTIC DEEP CHANNEL ADDITIONAL END CAPS

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

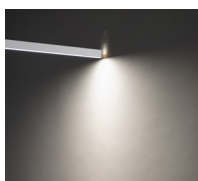


FLOOD OPTIC DEEP CHANNEL ADDITIONAL END CAPS

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



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

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

Headquarters, East Manufacturing Facility
44 Harbor Park Drive
Port Washington, NY 11050

South East Manufacturing Facility
1600 Distribution Ct
Lithia Springs, GA 30122

Central Manufacturing Facility
1700 South J Elmer Freeway, Ste 100
Cedar Hill, TX 75104

West Manufacturing Facility
1750 S Archibald Ave
Ontario, CA 91761

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

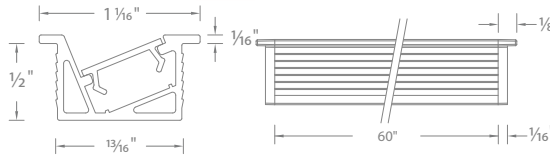
5FT LINEAR CHANNEL

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

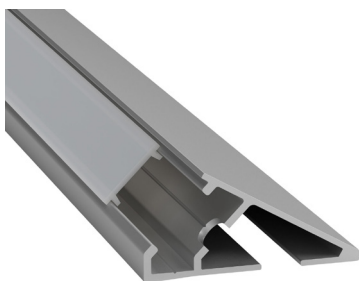
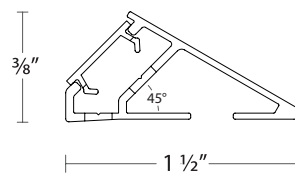
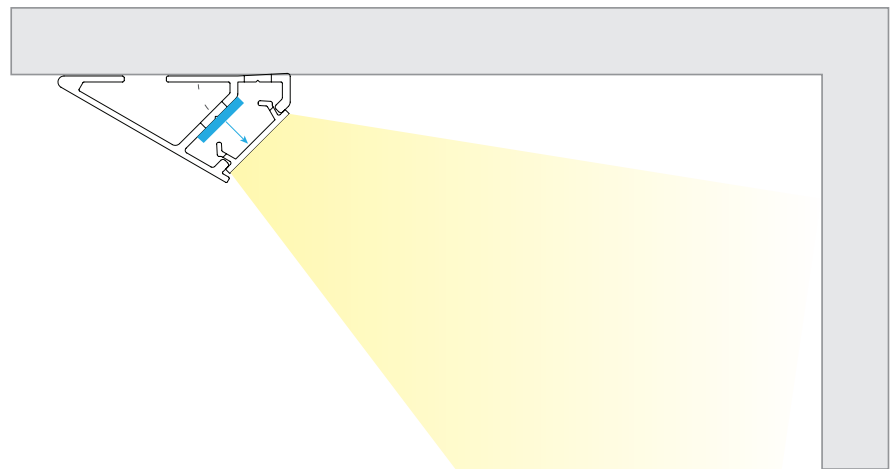
5FT LINEAR CHANNEL

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



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

Headquarters, East Manufacturing Facility
44 Harbor Park Drive
Port Washington, NY 11050

South East Manufacturing Facility
1600 Distribution Ct
Lithia Springs, GA 30122

Central Manufacturing Facility
1700 South J Elmer Freeway, Ste 100
Cedar Hill, TX 75104

West Manufacturing Facility
1750 S Archibald Ave
Ontario, CA 91761

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

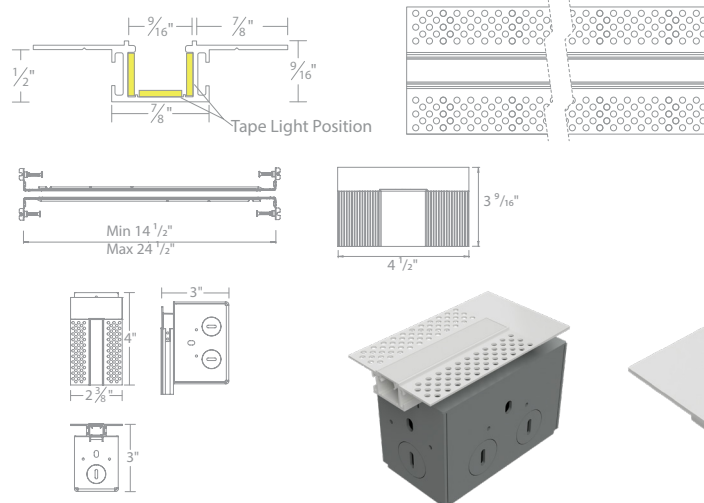
8FT LINEAR CHANNEL LED-T-RCH4-WT

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

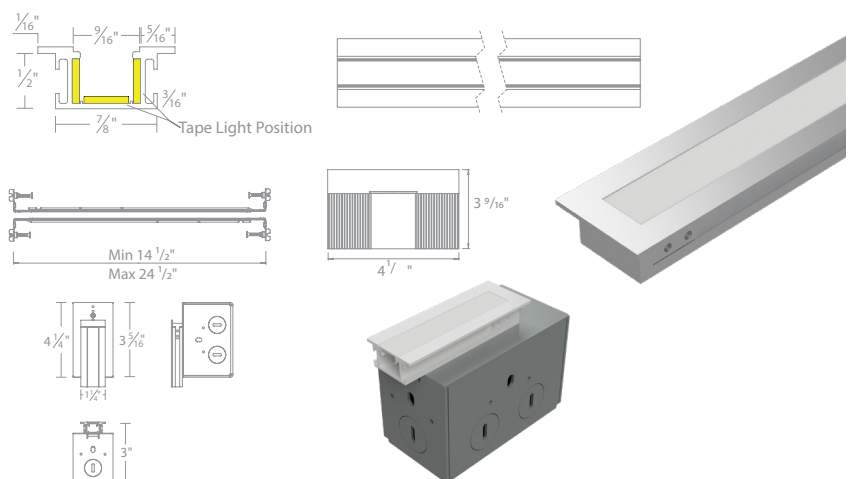
8FT LINEAR CHANNEL LED-T-RCH5-BK LED-T-RCH5-WT LED-T-RCH5-AL

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



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

Headquarters, East Manufacturing Facility
44 Harbor Park Drive
Port Washington, NY 11050

South East Manufacturing Facility
1600 Distribution Ct
Lithia Springs, GA 30122

Central Manufacturing Facility
1700 South J Elmer Freeway, Ste 100
Cedar Hill, TX 75104

West Manufacturing Facility
1750 S Archibald Ave
Ontario, CA 91761

INVISILED® Duet

Symmetrical Recessed Channel

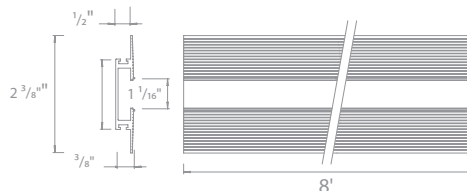
WAC®

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

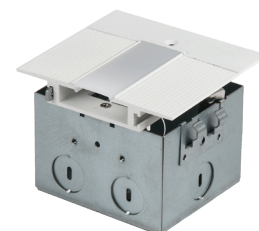
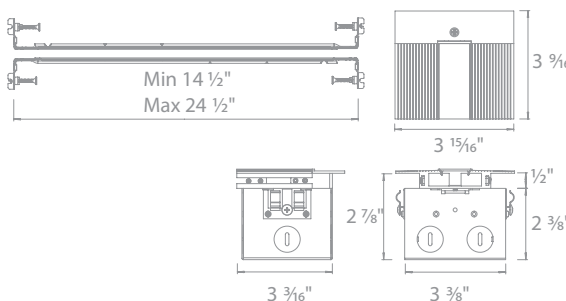
Includes: 1 diffuser
8 perforated metal sheets



POWER FEED LED-T-RBOX1-WT

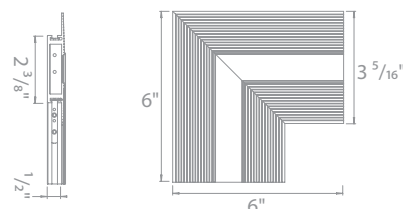
The end cap may be placed on either side.
Hanger bars may be installed on any side of the wiring box.

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

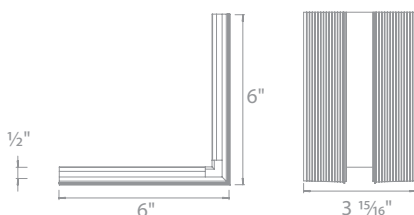
Includes: 1 diffuser
2 channel connectors
2 perforated metal sheets



PERPENDICULAR CORNER LED-T-WTC1-WT

Transitions between walls or wall to ceiling

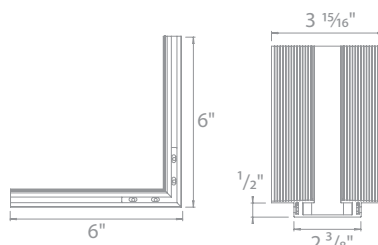
Includes: 1 diffuser
2 channel connectors
2 perforated metal sheets



OUTSIDE CORNER LED-T-WTW1-WT

Transitions around columns, bump outs, or soffits

Includes: 1 diffuser
2 channel connectors
2 perforated metal sheets



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

Headquarters, East Manufacturing Facility
44 Harbor Park Drive
Port Washington, NY 11050

South East Manufacturing Facility
1600 Distribution Ct
Lithia Springs, GA 30122

Central Manufacturing Facility
1700 South J Elmer Freeway, Ste 100
Cedar Hill, TX 75104

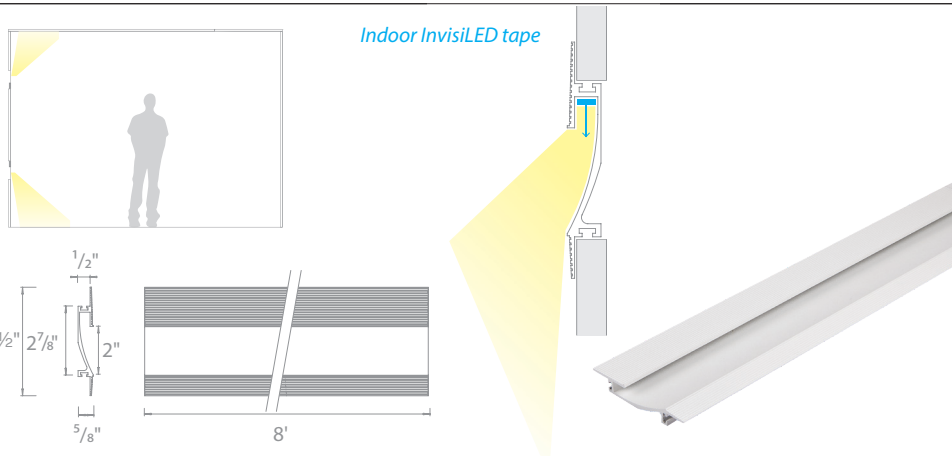
West Manufacturing Facility
1750 S Archibald Ave
Ontario, CA 91761

INVISILED® Duet

Asymmetrical Recessed Channel

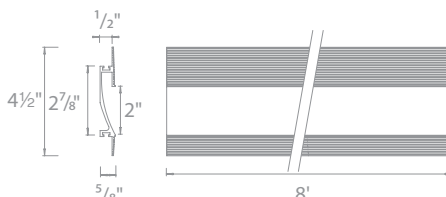
WAC®

- 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



8FT LINEAR CHANNEL LED-T-RCH2-WT

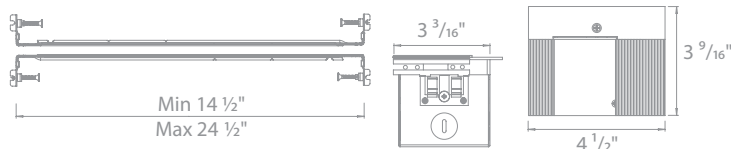
Includes: 8 perforated metal sheets
2 channel connectors



POWER FEED LED-T-RBOX2-WT

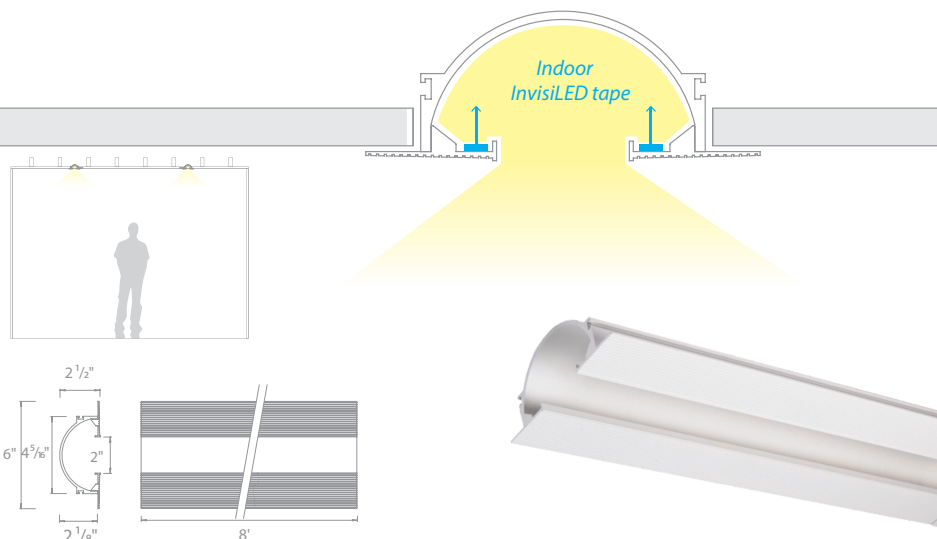
The end cap may be placed on either side. Hanger bars may be installed on any side of the wiring box.

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



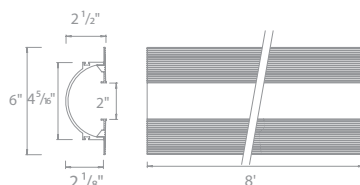
Indirect Recessed Slim Channel

- 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

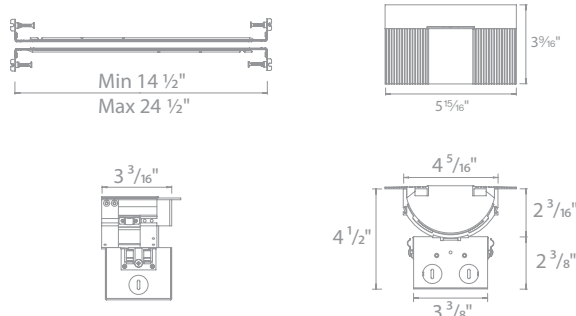
Includes: 10 perforated metal sheets
2 channel connectors



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



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

Headquarters, East Manufacturing Facility
44 Harbor Park Drive
Port Washington, NY 11050

South East Manufacturing Facility
1600 Distribution Ct
Lithia Springs, GA 30122

Central Manufacturing Facility
1700 South J Elmer Freeway, Ste 100
Cedar Hill, TX 75104

West Manufacturing Facility
1750 S Archibald Ave
Ontario, CA 91761