



# Inspire RGB 4.0

LED Tape Light



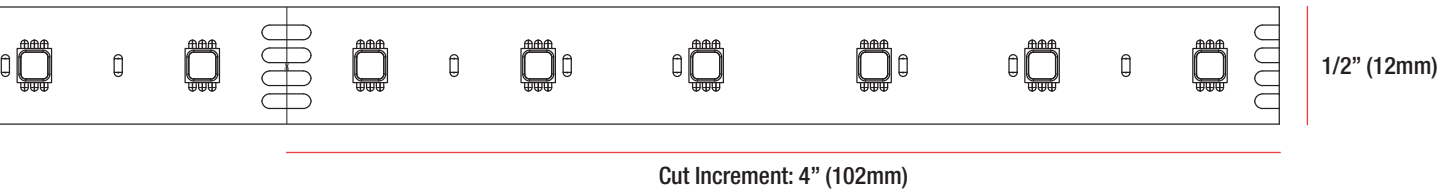
Specification Sheet



Type	Tape Light Part #	Controller Part #	Driver Part #	Channel Part #

## Specifications

<b>Color Temperatures</b>	RGB	<b>Mounting</b>	3M VHB Adhesive
<b>Lumen Output</b>	up to 180 LM/FT	<b>Dimensions (WxH)</b>	1/2" x 1/8" (12mm x 3.2mm)
<b>Input Power</b>	24V DC	<b>Operating Temperature</b>	-22°F to 140°F (-30°C to 60°C)
<b>Max Run Length</b>	23FT	<b>Lamp Life</b>	50,000 Hours
<b>Cut Increments</b>	every 4in (102mm)	<b>Certifications</b>	UL Listed (E467147)
<b>Power Consumption</b>	4 Watts/FT	<b>Dimming &amp; Control</b>	RGB Controller
<b>Product Color</b>	White	<b>Warranty</b>	5 Year Limited
<b>LEDs per Foot</b>	18	<b>Environment</b>	<ul style="list-style-type: none"> <li>• IP20 Indoor, Dry (tape light only)</li> <li>• IP54 Indoor, Damp (with channel)</li> </ul>
<b>Light Distribution</b>	120°		



## Performance Summary

Color Temperature	Lumens/FT	Efficacy (LM/W)	Nanometer
RGB White <sup>1</sup> (all RGB colors ON)	180	30	583
RGB Red <sup>1</sup>	50	8	625
RGB Blue <sup>1</sup>	30	5	472
RGB Green <sup>1</sup>	105	18	529

<sup>1</sup> These are considered approximate values and only reflect the standard red, green, and blue colors as defined by an RGB controller. Other shades of these colors have not been measured.

# Ordering LED Tape Light



Series	Color	Length Type	Length
SP1	RGB40	CUSTOM	XX ft XX in Example: <b>9FT4IN</b>

## ▶ Example Part #'s:

Part #	QTY Ordered	QTY You'll Receive
• SP1-RGB40-CUSTOM-9FT4IN	1	x1 run @ 9FT 4IN
• SP1-RGB40-CUSTOM-2FT0IN	3	x3 runs @ 2FT 0IN
• SP1-RGB40-CUSTOM-14FT8IN	5	x5 runs @ 14FT 8IN

# Ordering an LED Driver

## Electronic 0-10V Dimmable 120V Drivers (UL Listed & UL Recognized)

25-Watt (UL Recognized)*:	<b>DR-25W-24VDC-DIM10</b>
60-Watt (UL Recognized)*:	<b>DR-60W-24VDC-DIM10</b>
60-Watt (UL Listed)*:	<b>DR-60W-24VDC-U-2-10-c</b>
100-Watt (UL Listed)*:	<b>DR-100W-24VDC-U-2-10-c</b>
100-Watt (UL Recognized)*:	<b>DR-100W-24VDC-DIM10</b>
150-Watt (UL Recognized):	<b>DR-150W-24VDC-U-1-10-w</b>
200-Watt (UL Recognized):	<b>DR-200W-24VDC-U-2-10-g</b>
240-Watt (UL Recognized):	<b>DR-240W-24VDC-U-1-10-w</b>
320-Watt (UL Recognized):	<b>DR-320W-24VDC-U-1-10-w</b>
600-Watt (UL Recognized):	<b>DR-600W-24VDC-U-1-10-w</b>

\*Class 2 compliant LED driver.

## Electronic Plug-In Non-Dimmable 120-240V Drivers (UL Listed)

36-Watt*:	<b>DR-36W-24VDC-120V-2-ND-e</b>
96-Watt*:	<b>DR-96W-24VDC-120V-2-ND-e</b>
144-Watt:	<b>DR-144W-24VDC-120V-2-ND-e</b>

\*Class 2 compliant LED driver.

# Ordering an RGB Controller

## RGB DMX Wall Controllers (requires DMX Decoder)

Stick CW4 Single-Zone Controller:	<b>RGB-DMX-CONT-STICK-CU4</b>
Stick 3 Multi-Zone Controller:	<b>RGB-DMX-CONT-STICK3-BLK</b>
(Available in black or white)	<b>RGB-DMX-CONT-STICK3-WHT</b>
DMX Decoder:	<b>RGB-DMX-DECODER</b>

## RGB RF Handheld Controllers

M3 Single-Zone Controller:	<b>RGB-RF-CONT-M3</b>
M3 Single-Zone Amplifier:	<b>RGB-RF-AMP-M3</b>
T3M Multi-Zone Controller:	<b>RGB-RF-CONT-T3M</b>
T3M Multi-Zone Receiver:	<b>RGB-RF-AMP-T3</b>

# Ordering a Channel Kit

- Pre-packaged channels with all applicable parts and pieces (tape light specified separately).
- All channel kits channels ship unassembled.

► Example Part #: **CH1-KIT-ANG-FR-6**

	3FT Kit Part #'s	6FT Kit Part #'s
 <b>Slim Channel with Standard Lens</b>	with Frosted Lens: <b>CH1-KIT-SLM-FR-3</b> with Clear Lens: <b>CH1-KIT-SLM-CL-3</b> with Frosted Lens: <b>CH1-KIT-SLM-FR-3</b> with Clear Lens: <b>CH1-KIT-SLM-CL-3</b>	with Frosted Lens: <b>CH1-KIT-SLM-FR-6</b> with Clear Lens: <b>CH1-KIT-SLM-CL-6</b>
 <b>Slim Channel with Tall Lens</b>	with Frosted Lens: <b>CH1-KIT-SLM-TFR-3</b>	with Frosted Lens: <b>CH1-KIT-SLM-TFR-6</b>
 <b>Square Channel with Standard Lens</b>	with Frosted Lens: <b>CH1-KIT-SQ-FR-3</b> with Clear Lens: <b>CH1-KIT-SQ-CL-3</b>	with Frosted Lens: <b>CH1-KIT-SQ-FR-6</b> with Clear Lens: <b>CH1-KIT-SQ-CL-6</b>
 <b>Square Channel with Tall Lens</b>	with Frosted Lens: <b>CH1-KIT-SQ-TFR-3</b>	with Frosted Lens: <b>CH1-KIT-SQ-TFR-6</b>
 <b>Angled Channel with Angled Lens</b>	with Frosted Lens: <b>CH1-KIT-ANG-FR-3</b> with Clear Lens: <b>CH1-KIT-ANG-CL-3</b>	with Frosted Lens: <b>CH1-KIT-ANG-FR-6</b> with Clear Lens: <b>CH1-KIT-ANG-CL-6</b>
 <b>Recessed Channel with Standard Lens</b>	with Frosted Lens: <b>CH1-KIT-REC-FR-3</b> with Clear Lens: <b>CH1-KIT-REC-CL-3</b>	with Frosted Lens: <b>CH1-KIT-REC-FR-6</b> with Clear Lens: <b>CH1-KIT-REC-CL-6</b>

# Ordering a Custom Channel

- LEDI can custom cut channel to a length you specify.
- Channels that are longer than 6ft must ship unassembled.
- Channels shorter than 6ft may ship assembled or unassembled based on the Build Type you select below.
- Tape light must be specified separately.
- Optimized lengths (see Build Types below) vary depending upon the LED tape light model, channel model, and the lengths associated with them.
- End caps and mounting hardware will be added to each fixture and reflected in any pricing quotes.
- Lead time may vary based on quantities required.

► Example Part #: **REC-STFR-B3-9FT4IN**

Channel	Lens	Build Type	Channel Length
<b>SLM</b> (Slim)	<b>STFR</b> Standard, Frosted	<b>FOR ALL LENGTHS</b> <b>B1</b> <ul style="list-style-type: none"> <li>• Cut to the exact length specified *</li> <li>• Ships unassembled</li> <li>• Lead time up to 5 business days</li> </ul> <b>B2</b> <ul style="list-style-type: none"> <li>• Cut to an optimized length **</li> <li>• Ships unassembled</li> <li>• Lead time up to 5 business days.</li> </ul>	<b>XX ft XX in</b>  Example: <b>9ft 4in</b>  * Gaps in light may be visible at each end of the channel because the channel is NOT optimized to the model and length of LED tape light you're using.  ** Optimized to fit the LED tape light specified to reduce visible gaps in light. The optimized length may differ from the requested length depending on the model of LED tape light you're using.  † If channel is longer than 6ft, the channel must be shipped unassembled.
	<b>STCL</b> Standard, Clear		
	<b>TFR</b> Tall, Frosted		
<b>SQ</b> (Square)	<b>STFR</b> Standard, Frosted	<b>FOR LENGTHS SHORTER THAN 6FT ONLY</b> <b>B3</b> <ul style="list-style-type: none"> <li>• Cut to the exact length specified *</li> <li>• <b>Ships fully assembled IF LESS THAN 6FT †</b></li> <li>• Lead time up to 10 business days</li> </ul> <b>B4</b> <ul style="list-style-type: none"> <li>• Cut to an optimized length **</li> <li>• <b>Ships fully assembled IF LESS THAN 6FT †</b></li> <li>• Lead time up to 10 business days</li> </ul>	
	<b>STCL</b> Standard, Clear		
	<b>TFR</b> Tall, Frosted		
<b>ANG</b> (Angled)	<b>ANGFR</b> Angled, Frosted		
	<b>ANGCL</b> Angled, Clear		
<b>REC</b> (Recessed)	<b>STFR</b> Standard, Frosted		
	<b>STCL</b> Standard, Clear		






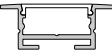
# Ordering a Build-Your-Own Channel

- You select the exact parts and pieces you need for your project (tape light specified separately).
- All Build-Your-Own channels ship unassembled.

► Example Part #'s:

- CH1-SQ-6
- CH1-LENS-TFR-6
- CH1-MNT-SM
- CH1-END-TSQ



	Channel Length	Lens Type & Length	Mounting Hardware	End Caps
<b>Slim Channel</b>  	3FT: <b>CH1-SLM-3</b>	3FT Standard, Frosted Lens: <b>CH1-LENS-STFR-3</b>	Surface Mount: <b>CH1-MNT-SM</b>	for Standard Lenses: <b>CH1-END-STSLM</b>
	6FT: <b>CH1-SLM-6</b>	6FT Standard, Frosted Lens: <b>CH1-LENS-STFR-6</b> 3FT Standard, Clear Lens: <b>CH1-LENS-STCL-3</b> 6FT Standard, Clear Lens: <b>CH1-LENS-STCL-6</b> 3FT Tall, Frosted Lens: <b>CH1-LENS-TFR-3</b> 6FT Tall, Frosted Lens: <b>CH1-LENS-TFR-6</b>		for Tall Lenses: <b>CH1-END-TSLM</b>
<b>Square Channel</b>  	3FT: <b>CH1-SQ-3</b>	3FT Standard, Frosted Lens: <b>CH1-LENS-STFR-3</b>	Surface Mount: <b>CH1-MNT-SM</b>	for Standard Lenses: <b>CH1-END-STSQ</b>
	6FT: <b>CH1-SQ-6</b>	6FT Standard, Frosted Lens: <b>CH1-LENS-STFR-6</b> 3FT Standard, Clear Lens: <b>CH1-LENS-STCL-3</b> 6FT Standard, Clear Lens: <b>CH1-LENS-STCL-6</b> 3FT Tall, Frosted Lens: <b>CH1-LENS-TFR-3</b> 6FT Tall, Frosted Lens: <b>CH1-LENS-TFR-6</b>		for Tall Lenses: <b>CH1-END-TSQ</b>
<b>Angled Channel</b> 	3FT: <b>CH1-ANG-3</b>	3FT Angled, Frosted Lens: <b>CH1-LENS-ANGFR-3</b>	Surface Mount: <b>CH1-MNT-ANG</b>	for Angled Lenses: <b>CH1-END-ANG</b>
6FT: <b>CH1-ANG-6</b>	6FT Angled, Frosted Lens: <b>CH1-LENS-ANGFR-6</b> 3FT Angled, Clear Lens: <b>CH1-LENS-ANGCL-3</b> 6FT Angled, Clear Lens: <b>CH1-LENS-ANGCL-6</b>			
<b>Recessed Channel</b> 	3FT: <b>CH1-REC-3</b>	3FT Standard, Frosted Lens: <b>CH1-LENS-STFR-3</b>	Recess Mount: <b>CH1-MNT-REC</b>	for Standard Lenses: <b>CH1-END-REC</b>
	6FT: <b>CH1-REC-6</b>	6FT Standard, Frosted Lens: <b>CH1-LENS-STFR-6</b> 3FT Standard, Clear Lens: <b>CH1-LENS-STCL-3</b> 6FT Standard, Clear Lens: <b>CH1-LENS-STCL-6</b>		