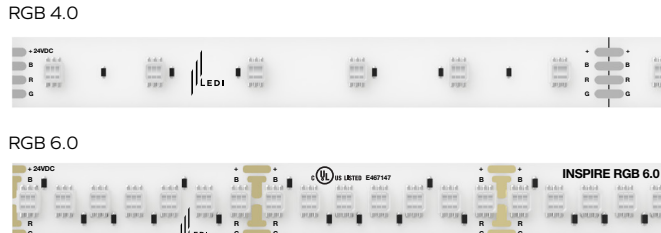
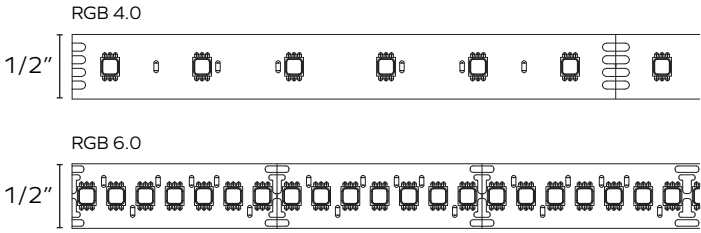


# Inspire RGB RGB 4.0 & RGB 6.0

24V DC LED Tape Light



Type  QTY  Part Number  Signature



## Specifications

|  | RGB 4.0  | RGB 6.0      |
|--|--|--------------|
| <b>Power</b>                                 | 4.0 Watts/FT   | 6.0 Watts/FT |
| <b>Max Run Length</b>                        | 23FT   | 16FT         |
| <b>Cut Length</b>                            | Every 4"   | Every 1-1/2" |
| <b>Input Voltage</b>                         | 24V DC   |              |
| <b>Circuit Board Color</b>                   | White  |              |
| <b>Beam Angle</b>                            | 120°   |              |
| <b>Lamp Life</b>                             | 50,000 Hours   |              |
| <b>Max Ambient Temperature</b>               | -4°F to 113°F (-20°C to 45°C)  |              |
| <b>Max Operating Temperature</b>             | -22°F to 140°F (-30°C to 60°C)   |              |
| <b>Environment</b>                           | IP20 Indoor  |              |
| <b>Dimming</b>                               | Dimmable with Lighting Controls (pg. 2)  |              |
| <b>Connector</b>                             | Soldered Lead Wire   |              |
| <b>Certifications &amp; Safety Standards</b> | <ul style="list-style-type: none"> <li>• UL Listed for The United States and Canada - File # E467147</li> <li>• UL Listed per UL2108 Low Voltage Lighting Systems/CSA C22.2 No 250.0-08-Luminaires/UL8750</li> <li>• Always review all local and national safety standards before installing any LEDI product(s).</li> </ul> |              |

## Ordering

| Model   | Length        |
|---|---------------|
| SP1 - <b>RGB40</b> RGB 4.0 - <b>CUSTOM</b> CUSTOM | Custom Length |
| <b>RGB60</b> RGB 6.0                              |               |

### Ordering Example

| Part Number Example | Order QTY | Amount Received |
|---------------------|-----------|-----------------|
| SP1-RGB40-CUSTOM    | 35        | 35ft            |
| SP1-RGB60-CUSTOM    | 12        | 12ft            |

## Performance

| Color            | Lumens/FT | Efficacy | Nanometer | CRI |
|------------------|-----------|----------|-----------|-----|
| <b>RGB 4.0</b>   |           |          |           |     |
| <b>RGB White</b> | 180       | 30 lm/W  | 583       | n/a |
| <b>Red</b>       | 50        | 8 lm/W   | 625       | n/a |
| <b>Blue</b>      | 30        | 5 lm/W   | 472       | n/a |
| <b>Green</b>     | 105       | 18 lm/W  | 529       | n/a |
| <b>RGB 6.0</b>   |           |          |           |     |
| <b>RGB White</b> | 385       | 64 lm/W  | 583       | n/a |
| <b>Red</b>       | 73        | 12 lm/W  | 625       | n/a |
| <b>Blue</b>      | 65        | 11 lm/W  | 472       | n/a |
| <b>Green</b>     | 245       | 41 lm/W  | 529       | n/a |

# Inspire RGB RGB 4.0 & RGB 6.0

24V DC LED Tape Light



Type

QTY

Part Number

Signature

## Lighting Controls, Channels, & Drivers

For additional parts and specifications, please see the specific product spec sheet.

### Lighting Controls

Required to control the LED tape light.

| Part Number            | Description  | Other Required Components                  |
|------------------------|--|--|
| CONT-CCS-PCM           | Communicates wirelessly with the Casambi app and Casambi Wireless Wall Controller.                           | Electronic Driver                          |
| CONT-CCS-WSC           | Wall-mounted controller that communicates wirelessly with the Casambi app and Casambi PWM Bluetooth Decoder. | Casambi PWM Bluetooth Decoder              |
| RGB-DMX-CONT-STICK3    | Wall-mounted controller that controls multiple areas of lighting independently or together.                  | DMX Decoder                                |
| RGB-DMX-CONT-STICK-CW4 | Wall-mounted controller that controls multiple areas of lighting together.                                   | DMX Decoder                                |
| RGB-DMX-DECODER        | Translates a DMX signal. For use with DMX wall controllers.  | DMX Wall Controller, Electronic Driver     |
| RGB-RF-AMP-T3M         | T3M Amplifier that controls multiple areas of lighting independently or together.                            | T3M Handheld Controller, Electronic Driver |
| RGB-RF-CONT-T3M        | Handheld RF controller for the T3M Amplifier.  | T3M Amplifier                              |
| RGB-RF-CONT-M3         | Handheld RF controller that controls multiple areas of lighting together.                                    | Handheld Controller & Amplifier            |

### Inspire Channel

Aluminum channels with a lens, end caps, and mounting hardware.

| Part Number       | Description   |
|-------------------|---|
| CH1-KIT-SLM-CL-3  | 3ft Slim Channel with standard clear lens. Includes end caps and mounting hardware.       |
| CH1-KIT-SLM-FR-3  | 3ft Slim Channel with standard frosted lens. Includes end caps and mounting hardware.     |
| CH1-KIT-SLM-TFR-3 | 3ft Slim Channel with tall frosted lens. Includes end caps and mounting hardware.         |
| CH1-KIT-SLM-CL-6  | 6ft Slim Channel with standard clear lens. Includes end caps and mounting hardware.       |
| CH1-KIT-SLM-FR-6  | 6ft Slim Channel with standard frosted lens. Includes end caps and mounting hardware.     |
| CH1-KIT-SLM-TFR-6 | 6ft Slim Channel with tall frosted lens. Includes end caps and mounting hardware.         |
| CH1-KIT-SQ-CL-3   | 3ft Square Channel with standard clear lens. Includes end caps and mounting hardware.     |
| CH1-KIT-SQ-CL-6   | 3ft Square Channel with standard frosted lens. Includes end caps and mounting hardware.   |
| CH1-KIT-SQ-FR-3   | 3ft Square Channel with tall frosted lens. Includes end caps and mounting hardware.       |
| CH1-KIT-SQ-FR-6   | 6ft Square Channel with standard clear lens. Includes end caps and mounting hardware.     |
| CH1-KIT-SQ-TFR-3  | 6ft Square Channel with standard frosted lens. Includes end caps and mounting hardware.   |
| CH1-KIT-SQ-TFR-6  | 6ft Square Channel with tall frosted lens. Includes end caps and mounting hardware.       |
| CH1-KIT-ANG-CL-3  | 3ft Angled Channel with angled clear lens. Includes end caps and mounting hardware.       |
| CH1-KIT-ANG-FR-3  | 3ft Angled Channel with angled frosted lens. Includes end caps and mounting hardware.     |
| CH1-KIT-ANG-CL-6  | 6ft Angled Channel with angled clear lens. Includes end caps and mounting hardware.       |
| CH1-KIT-ANG-FR-6  | 6ft Angled Channel with angled frosted lens. Includes end caps and mounting hardware.     |
| CH1-KIT-REC-CL-3  | 3ft Recessed Channel with standard clear lens. Includes end caps and mounting hardware.   |
| CH1-KIT-REC-FR-3  | 3ft Recessed Channel with standard frosted lens. Includes end caps and mounting hardware. |
| CH1-KIT-REC-CL-6  | 6ft Recessed Channel with standard clear lens. Includes end caps and mounting hardware.   |
| CH1-KIT-REC-FR-6  | 6ft Recessed Channel with standard frosted lens. Includes end caps and mounting hardware. |

**For custom channel lengths and colors, please review the Inspire Channel spec sheet for details.**

### Drivers

Required to power the LED tape light.

|                           |   |
|---------------------------|---|
| DR-60W-24VDC-U-2-10-c     | 60-watt Electronic 0-10V Driver. 120-277V AC. Compatible with most 0-10V dimmers. Class 2.  |
| DR-100W-24VDC-U-2-10-c    | 100-watt Electronic 0-10V Driver. 120-277V AC. Compatible with most 0-10V dimmers. Class 2. |
| DR-200W-24VDC-U-2-10-g    | 200-watt Electronic 0-10V Driver. 120-277V AC. Compatible with most 0-10V dimmers.          |
| DR-36W-24VDC-120V-2-ND-e  | 36-watt Plug-In Driver. 120-240V AC. Non-dimmable. Includes 3-prong wall plug. Class 2.     |
| DR-96W-24VDC-120V-2-ND-e  | 96-watt Plug-In Driver. 120-240V AC. Non-dimmable. Includes 3-prong wall plug. Class 2.     |
| DR-144W-24VDC-120V-1-ND-e | 144-watt Plug-In Driver. 120-240V AC. Non-dimmable. Includes 3-prong wall plug.             |