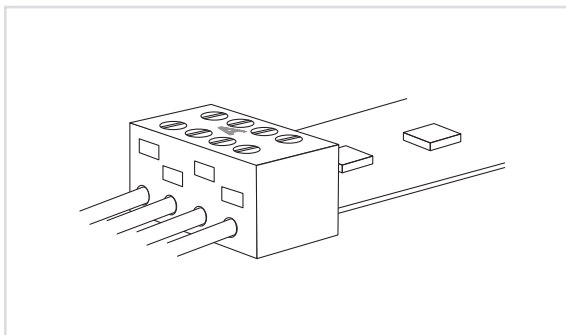


## TapeMate™ RGB/RGBW LED Wire-to-Tape Light Connector



TapeMate offers the industry's first RGB and RGBW terminal-style connectors for super-secure connections between LED color-changing tape light and wire. The new and revolutionary, patented design accommodates tape light as narrow as 0.4 in. (10 mm), while the high copper content alloy construction provides exceptional corrosion resistance and the durable, clear plastic prevents cracking and offers unmatched connectivity.



### TECHNICAL INFORMATION

<b>Voltage</b>	12-24V DC
<b>Maximum Current</b>	8A*
<b>Mounting</b>	3M™ VHB™ tape (pre-installed)
<b>Maximum Wire Gauge</b>	16 AWG†
<b>Compatible Wire</b>	Solid core, tinned, stranded
<b>Warranty</b>	Lifetime

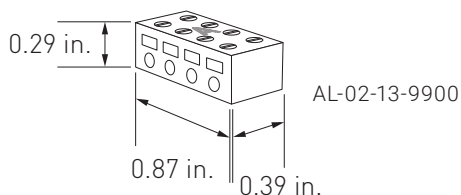
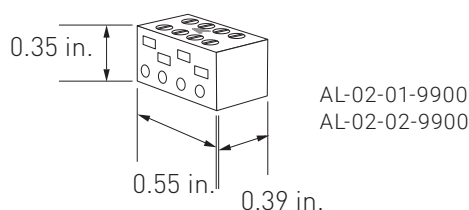
\*For Class 2 compliance, circuits are limited to 5A (12V) and 4A (24V).

†Only remove up to 3/16 inch of the wire jacket to avoid short circuits.

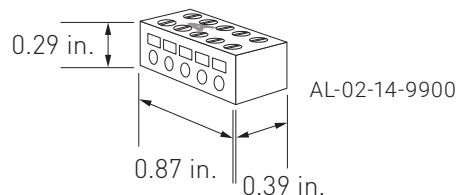
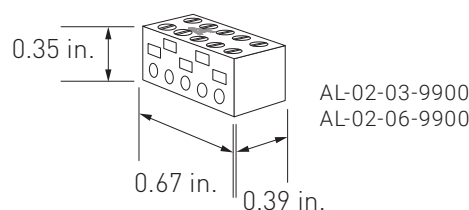
Note: Pre-installed 3M VHB tape adds approximately 0.04 in. in height. 3M VHB tapes can be removed if tape light does not fit into channel.

Check that the wires coming from connector match the markings on the tape, e.g. red is connected to red, blue is connected to blue, etc.

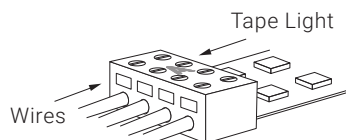
#### RGB



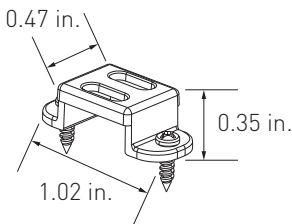
#### RGBW



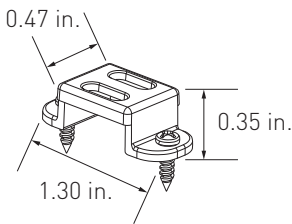
Note: RGB and RGBW TapeMates have one side with holes for wires and the other side for tape light.



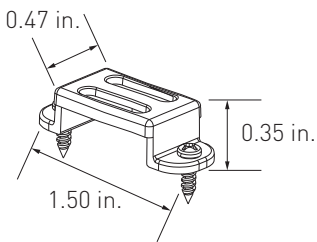
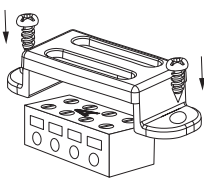
MOUNTING CLIPS



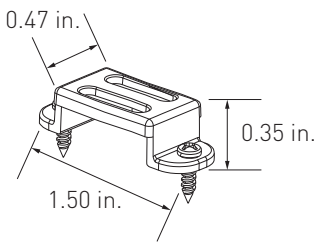
Compatible with:  
AL-02-01-9900  
AL-02-02-9900



Compatible with:  
AL-02-03-9900  
AL-02-06-9900



Compatible with:  
AL-02-13-9900



Compatible with:  
AL-02-14-9900

PRODUCT INFORMATION

Add "-10" to the end of the item number for a 10 pack  
Add "-100" to the end of the item number for a 100 pack

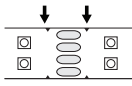
Item Number	Compatible Tape Light	Dimensions (W x L x H)
AL-02-01-9900	Radialux 2.2 RGB	0.55 x 0.39 x 0.35 in.
AL-02-02-9900	Radialux 4.4 RGB	0.55 x 0.39 x 0.35 in.
AL-02-03-9900	Radialux 4.4 RGBW	0.67 x 0.39 x 0.35 in.
AL-02-06-9900	Radialux 5.9 RGBW	0.67 x 0.39 x 0.35 in.
AL-02-13-9900	Radialux 8.8 RGB	0.87 x 0.39 x 0.29 in.
AL-02-14-9900	Radialux 8.8 RGBW	0.87 x 0.39 x 0.29 in.

## INSTRUCTIONS

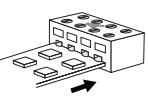
NOTE: Check polarity of the tape light and/or wires: (+) and (-) symbols on the tape should match POSITIVE (red) and NEGATIVE (black) wires.

NOTE: Ensure all components are installed in accordance with the current National Electric Code (NEC), and UL safety standards.

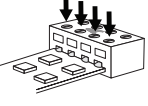
### Connecting RGB/RGBW Tape Light




Cut at the arrow closest to the connector to leave the solder pads intact.



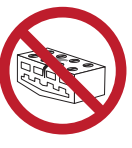
Remove the adhesive cover from the back of the tape light.



Insert the tape light into the connector so that the solder pads are seated under the screws.

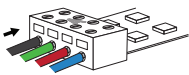


Using the included screwdriver, tighten the screws securely.



WARNING: DO NOT OVERTIGHTEN. Overtightening can crack the connector.

### Connecting Wire



If wire is solid core or tinned, insert the wires into the connector.



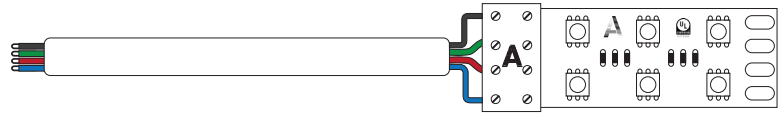
Using the included screwdriver, tighten the screws securely.



WARNING: DO NOT OVERTIGHTEN. Overtightening can crack the connector.

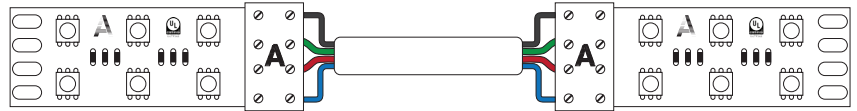
## CONFIGURATIONS

### Tape-to-Hard-Wired Power Connection



### Flexible Jumper Connection

\*Two TapeMates Required



## TAPEMATE & CHANNEL COMPATIBILITY

	Polymer Low-Profile Surface Mount	Surfa 1	Surfa 2	Surfa 2X	Surfa 3	Surfa 6	Surfa 7	Surfa 8	SurfaFlex 1	Suspan® 1 Gen 2	Ankr® 1	Ankr® 2	Ankr® 3	Ankr® 4	Naro® 4	Duro 1	Duro 2	L-Shaped Channel Small	L-Shaped Channel Large
Radialux 2.2 RGB				Y				Y		Y	Y	Y							Y
Radialux 4.4 RGB				Y				Y		Y	Y	Y							Y
Radialux 4.4 RGBW				Y				Y		Y	Y	Y							Y
Radialux 5.9 RGBW				Y				Y		Y	Y	Y							Y
Radialux 8.8 RGB				Y						Y	Y	Y							
Radialux 8.8 RGBW				Y						Y	Y	Y							

	Mudr 1		Mudr 2		Mudr ArcCove 3 in.		Mudr ArcCove 4 in.		Mudr AlCove 3 in.		Mudr AlCove 4 in.		Mudr Wall Wash 2 in.		Surfa KnifeEdge 4 in.		Surfa Cornice 4 in.	
	Back Lighting	Edge Lighting	Back Lighting	Edge Lighting	Back Lighting	Edge Lighting	Back Lighting	Edge Lighting	Back Lighting	Edge Lighting	Back Lighting	Edge Lighting	Back Lighting	Edge Lighting	Back Lighting	Edge Lighting	Back Lighting	Edge Lighting
Radialux 2.2 RGB	Y	Y	Y					Y				Y			Y	Y	Y	
Radialux 4.4 RGB	Y	Y	Y					Y				Y			Y	Y	Y	
Radialux 4.4 RGBW	Y		Y												Y	Y	Y	
Radialux 5.9 RGBW	Y		Y												Y	Y	Y	
Radialux 8.8 RGB			Y														Y	
Radialux 8.8 RGBW			Y														Y	

Note: 3M VHB tape under TapeMate is removable. Data from the chart is measured without the tape and mounting clip.