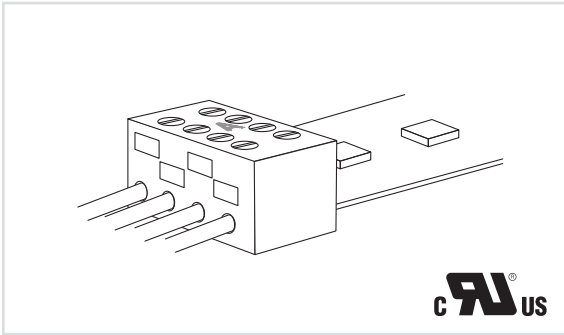


AmpChamp™ LED Wire-to-Tape Light Connector



AmpChamp RGB and RGBW connectors are the only terminal-type connectors on the market that accommodate RGB and RGBW LED tape light. The new and revolutionary, patent-pending design accommodates tape light as narrow as .40 in. (10mm), while the high copper-content alloy construction provides exceptional corrosion resistance and unmatched connectivity. The AmpChamp RGB and RGBW connectors are compatible with Alloy LED Radialux RGB and RGBW tape lights and feature an 8-amp limit, which allows longer runs.

Each connector includes a mini screwdriver and one pre-installed piece of six-inch 20AWG, CL2 wire with tinned leads at each end.



TECHNICAL INFORMATION

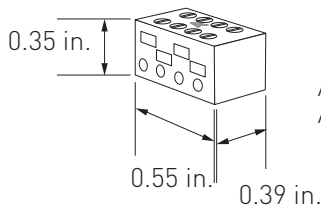
Voltage	12-24V DC
Maximum Current	Up to Class 2 Limit
Mounting	3M™ VHB™ tape (pre-installed)
Maximum Wire Gauge	16 AWG*
Compatible Wire	Solid core, tinned, stranded

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

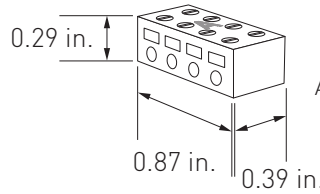
Note: Pre-installed 3M VHB tape adds approximately 0.04 in. in height. 3M VHB tapes can be removed if tape light does not fit into channel.

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

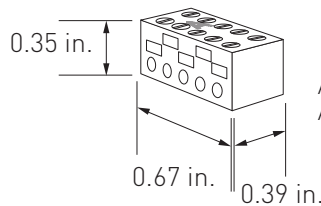


AL-02-01-9900
AL-02-02-9900

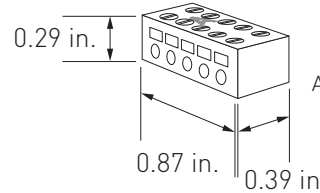


AL-02-13-9900

RGBW

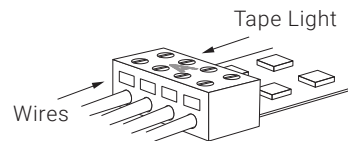


AL-02-03-9900
AL-02-06-9900



AL-02-14-9900

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



PRODUCT INFORMATION

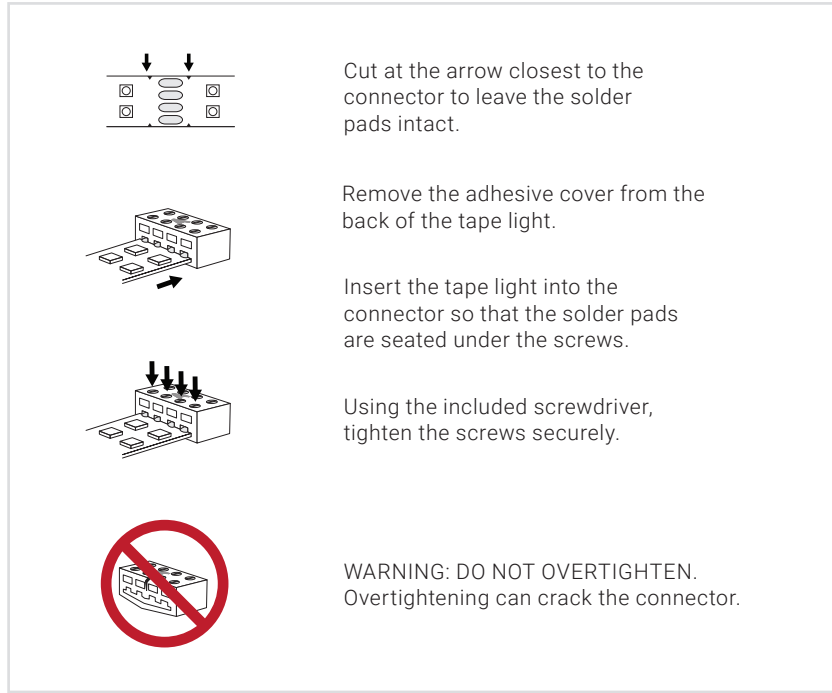
Add "-10" to the end of the item number for a 10 pack

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.

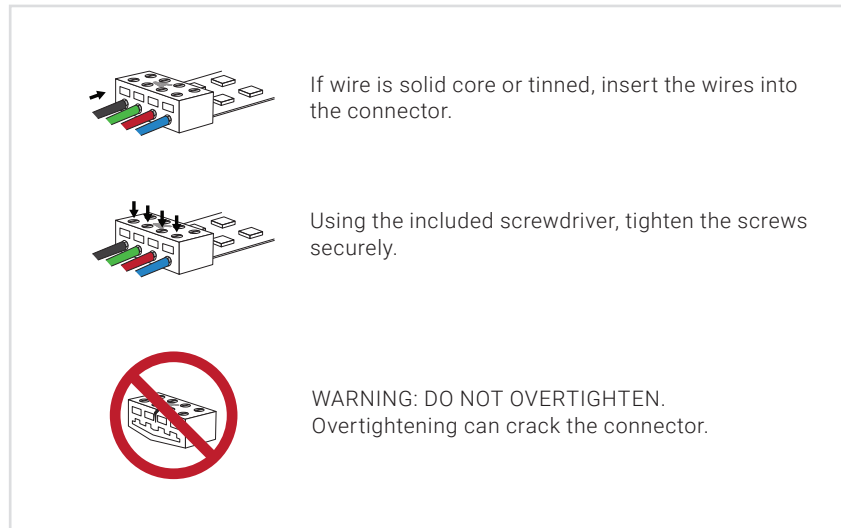
Remove the adhesive cover from the back of the tape light.

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



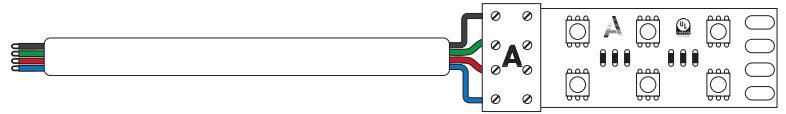
If wire is solid core or tinned, insert the wires into the connector.

Using the included screwdriver, tighten the screws securely.

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

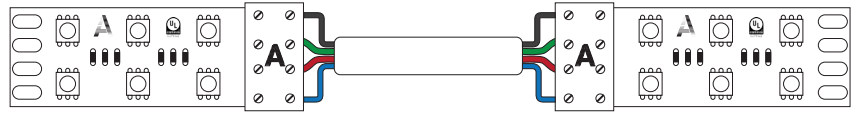
CONFIGURATIONS

Tape-to-Hard-Wired Power Connection



Flexible Jumper Connection

*Two AmpChamps Required



AMPCHAMP & CHANNEL COMPATIBILITY

	Polymer Low-Profile Surface Mount	Surfa 1	Surfa 2	Surfa 2X	Surfa 3	Surfa 6	Surfa 7	Suspan® 1	Ankr® 1	Ankr® 2	Ankr® 3	Ankr® 4	Naro® 4	Duro 1	Duro 2
Radialux 2.2 RGB				Y				Y	Y	Y					
Radialux 4.4 RGB				Y				Y	Y	Y					
Radialux 4.4 RGBW				Y				Y	Y	Y					
Radialux 5.9 RGBW				Y				Y	Y	Y					
Radialux 8.8 RGB				Y				Y	Y	Y					
Radialux 8.8 RGBW				Y				Y	Y	Y					

Note: 3M VHB tape under Amp Champ is removable. Data from the chart is measured without the tape.