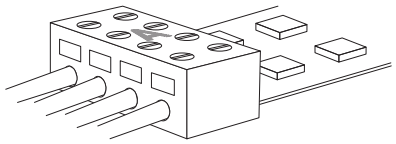
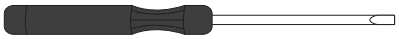
Amp Champ™ LED Wire to Tape Light Connector



The compact, capable, safe, and versatile Amp Champ LED wire to tape light connector provides secure connections between tape light and wire. Amp Champ fits easily into many aluminum channels with diffusers. Pre-installed 3M VHB tape provides an excellent strain relief.

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



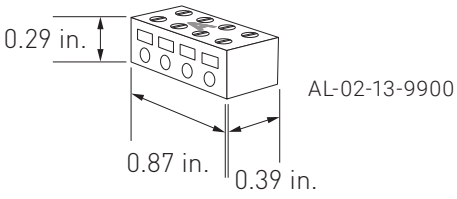
TECHNICAL INFORMATION

Voltage	12-24V DC
Max. Current	5A*
Mounting	3M™ VHB tape (pre-installed)
Max. Wire Gauge	16 AWG
Compatible Wire	Solid core, tinned, stranded

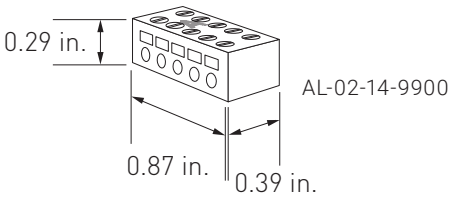
*For Class 2 compliance, circuits are limited to 5A (12V) and 4A (24V).

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.

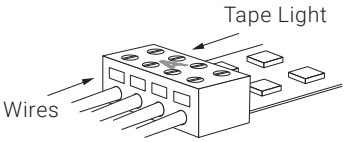
RGB



RGB-W



Note: RGB and RGB-W Amp Champs have one side with holes for wires and the other side for tape light.



PRODUCT INFORMATION

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

Item #	Compatible Tape Light	Dimensions (W x L x H)
AL-02-13-9900	Radialux 8.8 RGB	0.87 x 0.39 x 0.29 in.
AL-02-14-9900	Radialux 8.8 RGB-W	0.87 x 0.39 x 0.29 in.

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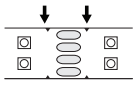
Specifications subject to change without notice.

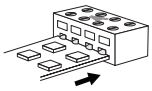
INSTRUCTIONS

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/RGB-W Tape Light

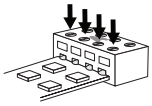


Cut at the arrow closest to the connector to leave the solder pads intact.



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

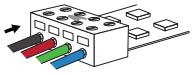
Insert the tape light into the connector so that the solder pads are seated under the screws.



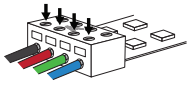
Using the included screwdriver, tighten the screws securely.

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

Connecting Wire



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



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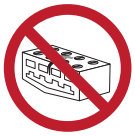

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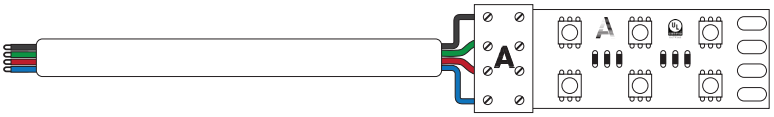
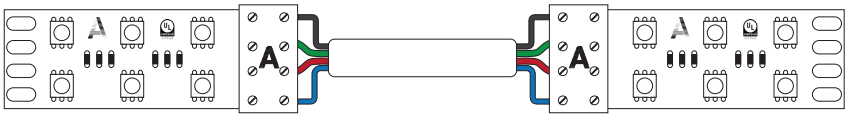
CONFIGURATIONS

Tape to Hard-Wired Power Connection



Flexible Jumper Connection
*Two Amp Champs Required



AMP CHAMP & 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 8.8 RGB				Y				Y	Y	Y					
Radialux 8.8 RGB-W				Y				Y	Y	Y					

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

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