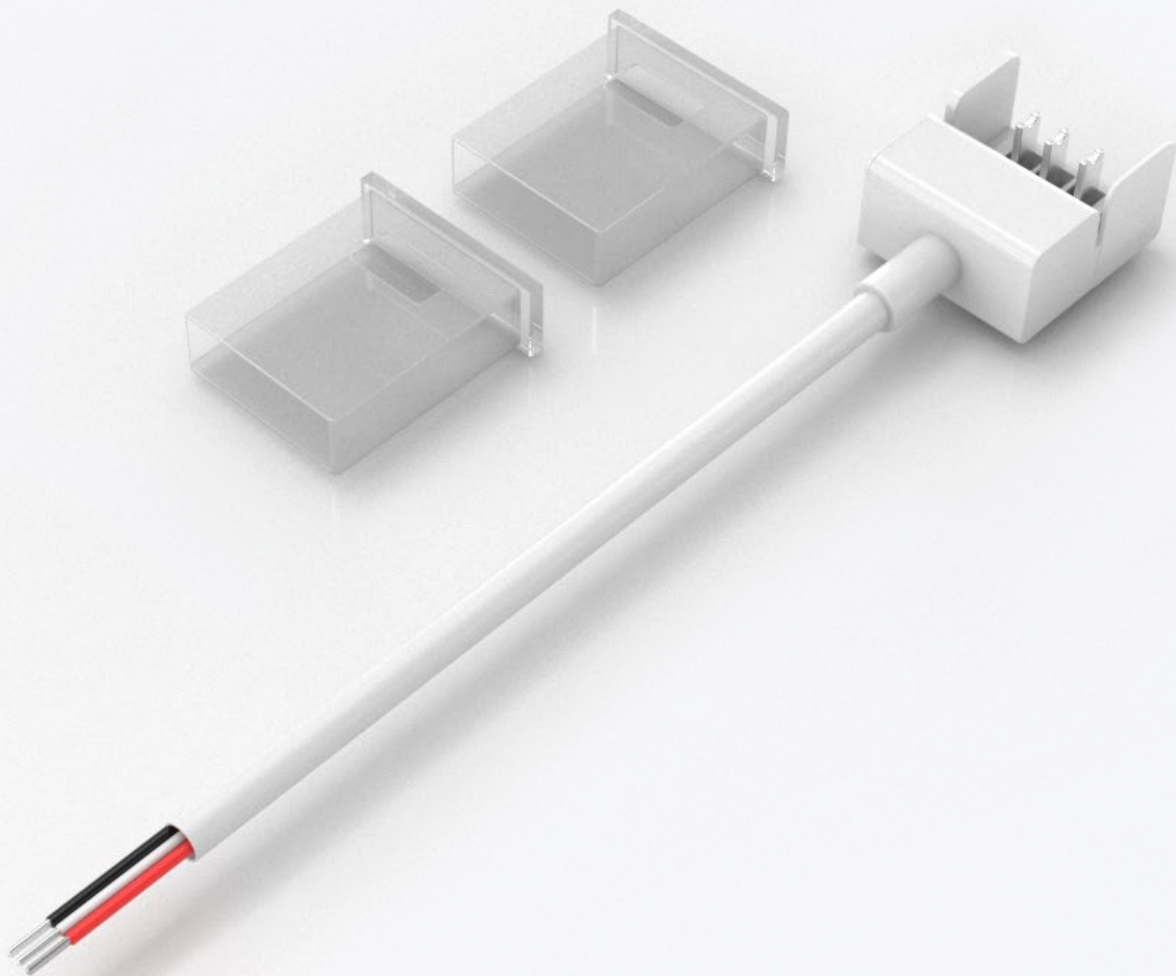


Outdoor IP65 **Grip Connectors**

Product Data Sheet



Our Outdoor IP65 Grip Connectors are the best solution for solderless IP65-rated LED strip light connections. The lightweight yet durable design uses a pierce-to-contact technology to secure weatherproof connections, so there's no need for tedious soldering.

Specifications

Outdoor IP65 Grip Connector Type	SKU	Connector Type	Wire Length	Wire Gauge	Maximum Amperage	Dimensions
Outdoor IP65 Single Color Grip Connectors	IP65-GRIP-SC-C1-10-40	Connector With Wire	40"	20AWG	5 Amps	28 x 17.5 x 8.5 mm
	IP65-GRIP-SC-C2-10-08	Jumper Connector	8"			40 x 17.5 x 8.5 mm
	IP65-GRIP-SC-C3-10-0	Jumper Connector	No Wire	-		40 x 17.5 x 8.5 mm
Outdoor IP65 Dynamic Tunable White Grip Connectors	IP65-GRIP-DYN-C1-10-40	Connector	40"	22AWG	5 Amps	28 x 17.5 x 8.5 mm
	IP65-GRIP-DYN-C2-10-08	Jumper Connector	8"			40 x 17.5 x 8.5 mm
	IP65-GRIP-DYN-C3-10-0	Jumper Connector	No Wire	-		40 x 17.5 x 8.5 mm
Outdoor IP65 RGB Grip Connectors	IP65-GRIP-RGB-C1-10-40	Connector	40"	22AWG	5 Amps	28 x 17.5 x 8.5 mm
	IP65-GRIP-RGB-C2-10-08	Jumper Connector	8"			40 x 17.5 x 8.5 mm
	IP65-GRIP-RGB-C3-10-0	Jumper Connector	No Wire	-		40 x 17.5 x 8.5 mm
Outdoor IP65 RGBW Grip Connectors	IP65-GRIP-RGBW-C1-10-40	Connector	40"	22AWG	5 Amps	29 x 20 x 9 mm
	IP65-GRIP-RGBW-C2-10-08	Jumper Connector	8"			40 x 20 x 9 mm
	IP65-GRIP-RGBW-C3-10-0	Jumper Connector	No Wire	-		40 x 20 x 9 mm



The Outdoor IP65 Grip Connectors are compatible with our:

- Single Color LED Strip Lights (10 mm wide)
- Dynamic Tunable White LED Strip Lights (10 mm wide)
- RGB Color Changing LED Strip Lights (10 mm wide)
- RGBW LED Strip Lights (12 mm wide)

*Not compatible with ColorBright™ RGB + Dynamic Tunable White, Slim™ Series, Vivid Color Series and Lucid™ Neon LED Strip Lights



Compatible Aluminum Mounting Channels with RGBW Outdoor IP65 LED strip lights:

- Ion™
- Phoenix™

Compatible Aluminum Mounting Channels with Single Color, Dynamic Tunable White and RGB Outdoor IP65 LED strip lights:

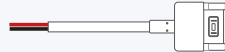
- Ion™
- Titan™
- Calypso™
- Phoenix™

Preparing Outdoor IP65 LED Strip Lights for Connection

What you will need:



Outdoor (IP65)
LED Strip Light



Outdoor IP65
Grip Connector



Scissors



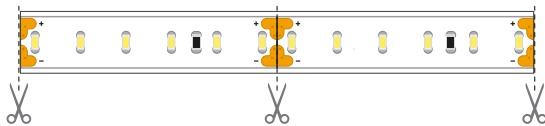
Pliers



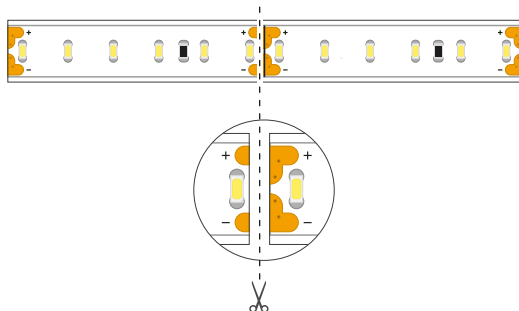
Tube of Neutral-base
Silicone Electronics
Grade Sealant

01 Cut the LED strip to the desired length:

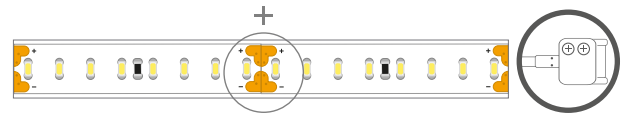
Cut the LED strip light on the cutting point you want to install the connector. Make sure to cut through the silicone sleeve and the LED strip on the exact same point. If for some reason the silicone sleeve starts receding, pull it back so that there is no excess LED strip light coming out of the sleeve.



When installing connectors with certain Outdoor IP65 LED strips such as Outdoor (IP65) Architectural™ Dynamic Tunable White, Outdoor (IP65) Accent™ Dynamic Tunable White, Outdoor (IP65) Accent™, or Outdoor (IP65) RGB 600, you will need additional copper pad to work with. You need to cut both solder pads so that the piece to be attached to the connector has more surface area to insert into the connector head.

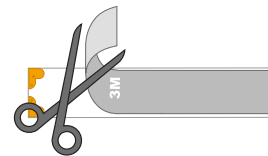


02 Check the polarity before installation:



Double check the polarity of the Strip to match the positive (+) markings together and negative (-) markings together.

03 Remove part of the adhesive backing:



Carefully peel off 2" of the adhesive tape and its backer from the back of the LED Strip Light and push it back to make room for the connector. This will allow the silicone to seal properly and ensure that water is not pulled into the seal.

04 Apply Silicone Sealant:



Open your silicone sealant and apply liberally inside of the silicone sleeve of the LED Strip at the cut point. Ensure that it is completely sealed.

Installing the Outdoor IP65 Grip Connectors

01 Slide the connector in the sleeve:



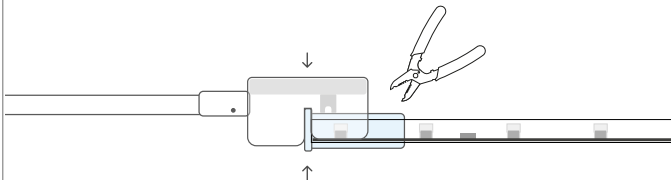
Grab the removable transparent case of your Outdoor IP65 Grip connector and slide it in the sleeve. Make sure both the window of the translucent case and the LED strip light are facing upward.

02 Push your LED strip light to make contact:



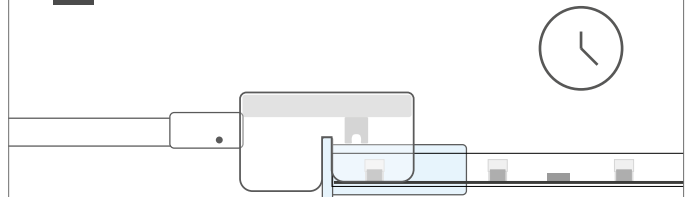
Make sure the strip light is making proper contact and is flush with the top of the connector. Wipe away any excess sealant.

03 Put the other part of the connector in place:



Grab the white plastic part of your connector and push the metal contacts through the window of the transparent case. Use your pliers to adjust it properly until the connector pierces through the solder pads of the Tape. You may hear a click when it is in place.

04 Let it cure:



Let the sealant cure according to its own instructions.

05 For Jumper Connectors:



If you are using a jumper connector, repeat all previous steps on the other side of the connector.

06 Put end caps on the other end:



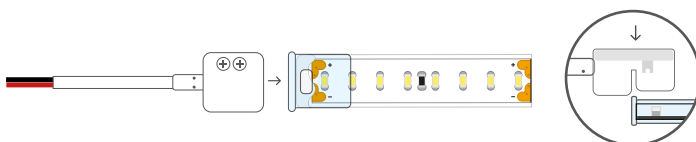
Make sure you use the silicone sealant and an end cap to seal the other end of the Outdoor (IP65) strip light.

If your lights are not turning on, double check to make sure:

- ✓ The polarities match.



- ✓ The window of the translucent case and the LED Strip light are facing upward.



- ✓ The connectors are properly closed all the way. The strip should feel secure and not loose.



**Still having issues?
Contact us**

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