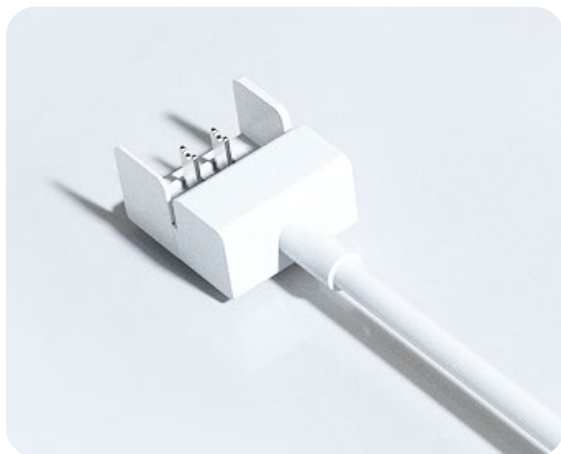
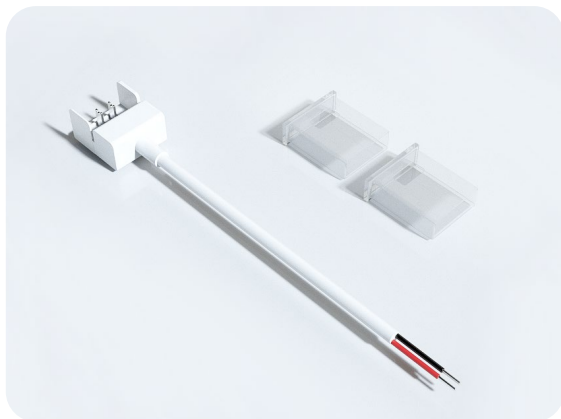


Outdoor IP65 Grip Connectors

Our Outdoor IP65 Grip Connectors make it easy to connect your LED strips without soldering or complicated tools. They're made to last, hold tight, and keep electricity flowing through your installation in both outdoor and indoor wet locations. Their lightweight design lets you clip, press, and repeat—so you spend less time setting up and more time enjoying your lights.



Product Features

Voltage Range	3-24V DC
Maximum Amperage*	5 Amps
Material	Plastic
Color	White
IP Rating	IP65: Outdoor, wet location
Quantity	5 per pack

*Make sure no more than 5 amps are drawn after any solderless connector.

Compatible LED Strip Lights:

- 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)
- RGB + Dynamic Tunable White LED Strip Lights (12 mm wide)

Compatible Aluminum Mounting Channels:

- Ion™
- Titan™*
- Calypso™*
- *Compatible with 10 mm wide strips only.

2-Year
Warranty



Specifications

Connector Type	SKU	Description	Wire Length	Wire Gauge	Dimensions	Maximum Amperage
Outdoor IP65 Single Color Grip Connectors	IP65-GRIP-SC-C1-10-40	Connector with Wire	40"	20AWG	1.1" x 0.69" x 0.33" 28 x 17.5 x 8.5 mm	5 Amps
	IP65-GRIP-SC-C2-10-08	Jumper Connector	8"	20AWG	1.1" x 0.69" x 0.33" 28 x 17.5 x 8.5 mm	
	IP65-GRIP-SC-C3-10-0	Connector with No Wire	-	-	1.57" x 0.69" x 0.33" 40 x 17.5 x 8.5 mm	
Outdoor IP65 Dynamic Tunable White Grip Connectors	IP65-GRIP-DYN-C1-10-40	Connector with Wire	40"	22AWG	1.1" x 0.69" x 0.33" 28 x 17.5 x 8.5 mm	
	IP65-GRIP-DYN-C2-10-08	Jumper Connector	8"	22AWG	1.1" x 0.69" x 0.33" 28 x 17.5 x 8.5 mm	
	IP65-GRIP-DYN-C3-10-0	Connector with No Wire	-	-	1.57" x 0.69" x 0.33" 40 x 17.5 x 8.5 mm	
Outdoor IP65 RGB Grip Connector	IP65-GRIP-RGB-C1-10-40	Connector with Wire	40"	22AWG	1.1" x 0.69" x 0.33" 28 x 17.5 x 8.5 mm	
	IP65-GRIP-RGB-C2-10-08	Jumper Connector	8"	22AWG	1.1" x 0.69" x 0.33" 28 x 17.5 x 8.5 mm	
	IP65-GRIP-RGB-C3-10-0	Connector with No Wire	-	-	1.57" x 0.69" x 0.33" 40 x 17.5 x 8.5 mm	
Outdoor IP65 RGBW Grip Connectors	IP65-GRIP-RGBW-C1-10-40	Connector with Wire	40"	22AWG	1.14" x 0.78" x 0.35" 29 x 20 x 9 mm	
	IP65-GRIP-RGBW-C2-10-08	Jumper Connector	8"	22AWG	1.14" x 0.78" x 0.35" 29 x 20 x 9 mm	
	IP65-GRIP-RGBW-C3-10-0	Connector with No Wire	-	-	1.57" x 0.78" x 0.35" 40 x 20 x 9 mm	
Outdoor IP65 RGB + Tunable White Grip Connectors	CONN-6-C-40	Connector with Wire	40"	22AWG	1.38" x 0.78" x 0.37" 35 x 20 x 9.5 mm	
	IP65-GRIP-RGBDYN-C2-12-08	Jumper Connector	8"	22AWG	1.38" x 0.78" x 0.37" 35 x 20 x 9.5 mm	
	CONN-6-C-0	Connector with No Wire	-	-	1.4" x 0.78" x 0.37" 35.5 x 20 x 9.5 mm	

Preparing Outdoor IP65 LED Strip Lights for Connection

What you will need:



Outdoor (IP65)
LED Strip Light



Outdoor IP65
Grip Connector



Scissors

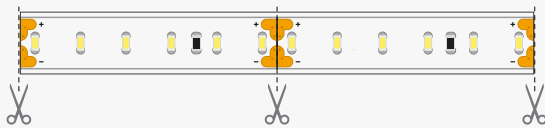


Pliers

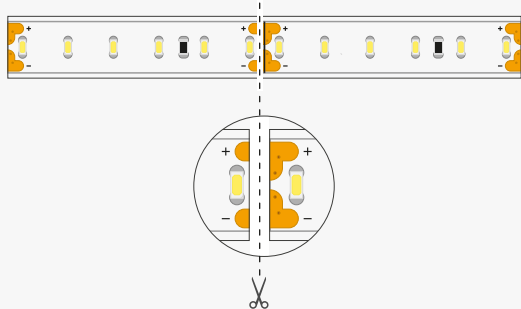


Tube of Neutral-base
Silicone Electronics
Grade Sealant

1. Cut the LED strip to the desired length:



Cut the LED strip light at the cutting point where you want to install the connector. Make sure to cut through the silicone sleeve and the LED strip at the exact same point. If the silicone sleeve starts to recede, pull it back so that no excess LED strip light is visible outside the sleeve.



When installing connectors with certain outdoor IP65 LED strip lights*, you will need additional copper pad to work with them. 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.

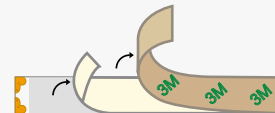
- *Outdoor (IP65) Accent™
- *Outdoor (IP65) Architectural™ Dynamic Tunable White
- *Outdoor (IP65) Accent™ Dynamic Tunable White
- *Outdoor (IP65) Sienna™ Dim-to-Warm
- *Outdoor (IP65) RGB 600

2. Check the polarity before installation:



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

3. 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 prevent water from being pulled into the seal.

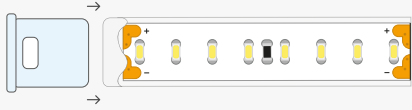
4. Apply Silicone Sealant:



Open your silicone sealant and apply it liberally inside the LED strip's silicone sleeve, at the cut point. Ensure that it is completely sealed.

Installing the Outdoor IP65 Grip Connectors

1. Slide the connector in the sleeve:



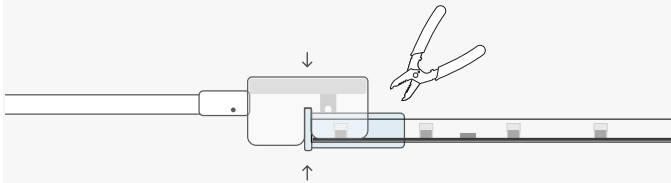
Grab the removable transparent case of your outdoor IP65 grip connector and slide it into the sleeve. Make sure both the window of the translucent case and the LED strip light are facing upward.

2. Push your LED strip light to make contact:



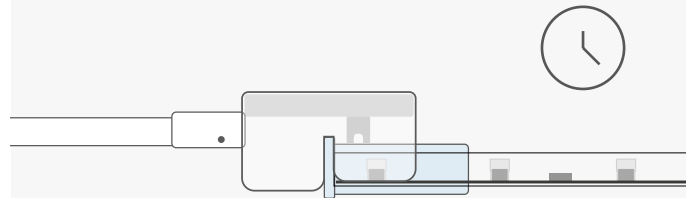
Ensure the strip light makes proper contact and is flush with the top of the connector. Wipe away any excess sealant.

3. Put the other part of the connector in place:



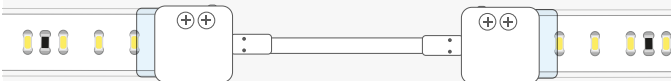
Grab the white plastic part of your connector and push the metal contacts through the window of the transparent case. Use your pliers to adjust it properly until the connector pierces through the solder pads of the tape. You may hear a click when it is in place.

4. Let it cure:



Let the sealant cure according to its instructions.

5. For Jumper Connectors:



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

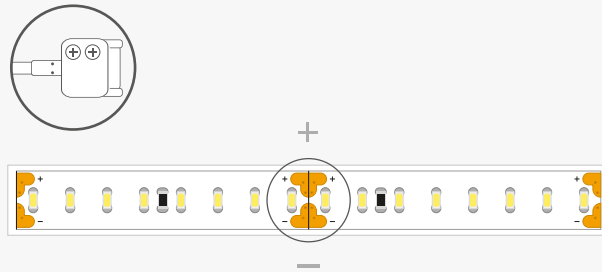
6. Put end caps on the other end:



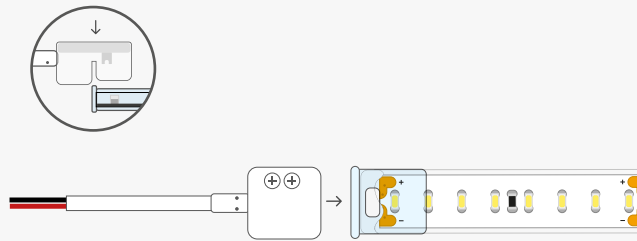
Make sure you use the silicone sealant and an end cap to seal the other end of the outdoor IP65 strip light.

If your lights are not turning on, please check:

- ✓ 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.

