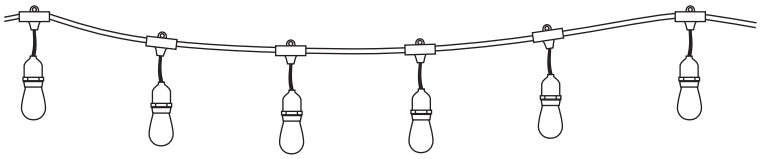
INSTRUCTIONS
GLOW STRING LIGHT INSTALLATION

RAB Lighting is committed to creating high-quality, affordable, well-designed and energy-efficient LED lighting and controls that make it easy for electricians to install and end users to save energy. We'd love to hear your comments. Please call the Marketing Department at 888-RAB-1000 or email: marketing@rablighting.com

** DON'T TOSS IT—RECYCLE IT! MAKE THE SUSTAINABLE CHOICE BY RECYCLING THIS FIXTURE AT END OF LIFE WITH A LICENSED RECYCLING PROVIDER. **

GLW
GLW/LCB
GLW/RGB



IMPORTANT

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

RAB fixtures must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

When connecting multiple sets, protect connection(s) from direct exposure to rain and water. Do not allow connection(s) to become wet.

NOT FOR EMERGENCY LIGHTING. CAUTION-RISK OF ELECTRIC SHOCK.
- **Do not use with extension cord near water or where water may accumulate.**
- **Keep lamps at least 16 ft. (4.8m) from pools and spas.**
- **Keep plugs and receptacles dry. Do not submerse.**
- **Disconnect power at source prior to wiring, replacing light bulbs/fuse, or servicing in any way. The light string kits are supplied with an attached two prong plug that will only fit into a two prong outlet.**
- **Do not alter the plug.**
- **To reduce the risk of fire use only type S14 LED lamps, 1 Watt maximum.**
- **To reduce the risk of fire do not deliberately reposition either lampholder contact.**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: 1. This device may no t cause harmful interference, and 2. This device must accept any interference received, including interference that may cause undesired operation.
Note: This device has been tested and found to comply with the limits for Class B digital devices pursuant to Part 15 Subpart B , of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential environment . This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instruc tion manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be deter mined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:
- **Reorient or relocate the receiving antenna.**
- **Increase the separation between the equipment and receiver.**
- **Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.**
- **Consult the dealer or an experienced radio/TV technician for help.**

To comply with the FCC's RF exposure limits for general population / uncontrolled exposure, this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.
CAUTlON: Changes or modifications to this equipment not expressly approved by RAB Lighting may void the user's authority to operate this equipment.

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When using electrical products, basic precautions should always be followed including the following:

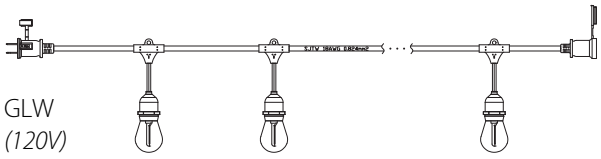
- **READ AND FOLLOW ALL SAFETY INSTRUCTIONS.**
- **Do not use these products outdoors unless marked suitable for indoor and outdoor use. When products are used in outdoor applications, connect the product to a Ground Fault Circuit Interrupting *(GFCI)* outlet. If one is not provided, contact a qualified electrician for proper installation.**
- **Do not mount or place near gas or electric heaters, fireplace, candles or other similar sources of heat.**
- **Do not secure the wiring of the product with staples or nails, or place on sharp hooks or nails. Install only using the mounting means provided.**
- **Do not let lamps rest on the supply cord or on any wire.**
- **Do not use this product for other than its intended use.**
- **Do not hang ornaments or other objects from cord, wire, or light string.**
- **Do not close doors or windows on the product or extension cords as this may damage the wire insulation.**
- **Do not cover the product with cloth, paper or any material not part of the product when in use.**

This product has a polarized plug *(one blade is wider than the other)* as a feature to reduce the risk of electric shock. This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not use with an extension cord unless plug can be fully inserted. Do not alter or replace the plug.

- **Read and follow all instructions that are on the product or provided with the product.**
- **SAVE THESE INSTRUCTIONS.**
- **LIGHTCLOUD BLUE MODELS REQUIRE CONSTANT POWER FOR WIRELESS COMMUNICATION.**

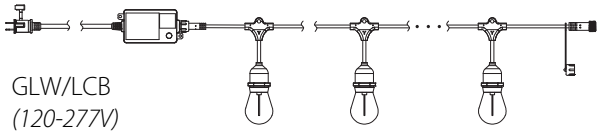
WHAT'S IN THE BOX

String light



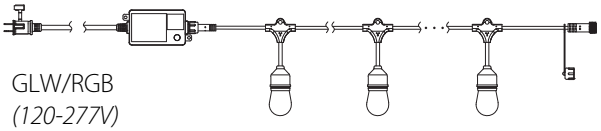
GLW
(120V)

OR



GLW/LCB
(120-277V)

OR



GLW/RGB
(120-277V)

Accessory



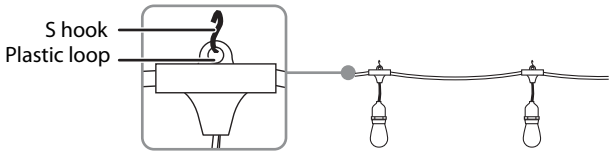
Replacement bulbs *(2)*
(only for GLW)

Replacement fuse
(only for GLW)

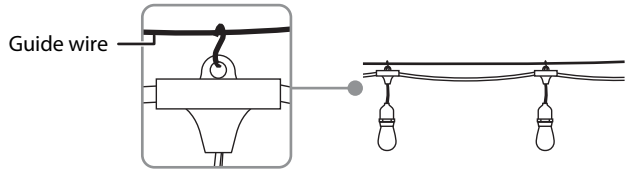
INSTALLATION INSTRUCTIONS

Attach to a guide wire

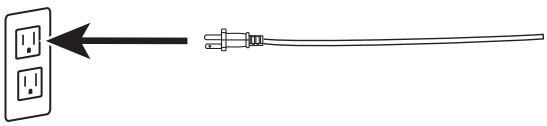
1. Run a guide wire *(not included)* in the location where you want your string light.
2. Attach an S hook or temporary tie *(not included)* through the plastic loop on the end of each light.
   CAUTION: Make sure that the guide wire is strong enough to hold up the light string.



3. Attach each plastic loop to the guide wire.



4. Plug the lights into a grounded outlet.



INSTRUCTIONS
GLOW STRING LIGHT INSTALLATION

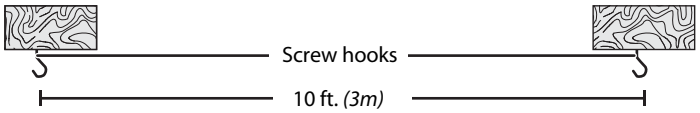
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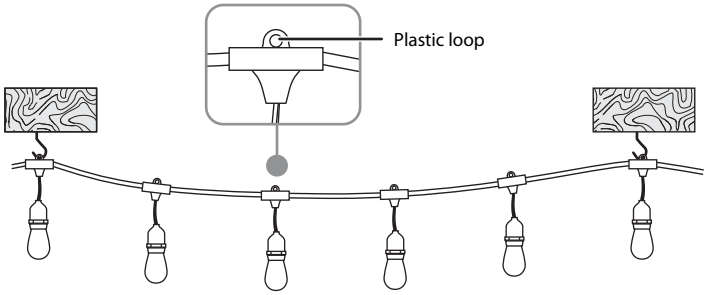
INSTALLATION INSTRUCTIONS *(cont'd)*

Attach to a structure

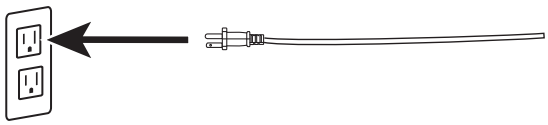
1. Attach screw hooks *(not included)* into the structure where you want your string light. The screw hooks should be no less than 10 ft. *(3 m)* apart.



2. Attach the plastic loops on the end of the lights to the screw hooks.

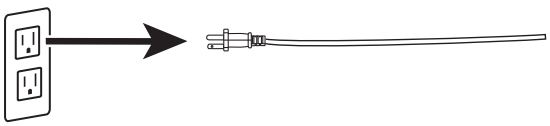


3. Plug the lights into a grounded outlet.



REPLACING LIGHT BULBS *(GLW only)*

1. Disconnect power at the source prior to replacing a light bulb or fuse. Replace light bulbs/fuse only during dry and calm weather conditions. Do NOT replace light bulbs/fuse during rain or when wet.



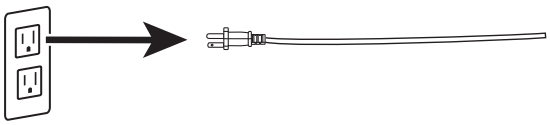
2. Lightly hold the bulb you want to replace in one hand, then twist the bulb counterclockwise.
   Note: The bulb may be tight in the socket. This is normal to prevent moisture from getting into the socket.
3. Screw the replacement bulb into the socket clockwise until the top of the socket forms a tight seal around the bulb and the bulb makes solid contact with the socket.

ADDING A LIGHT STRING

Additional light string is sold as separate accessory.

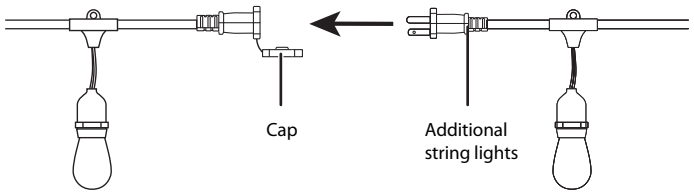
Starter String Cat. No.	Max Run Length	Max # of Bulbs	Extension Cat. No.
GLW, 24 bulbs	900 ft	432	GLW, 24 bulbs
GLW/LCB, 24 bulbs	150 ft	72	EXT-GLW/LCB, 12 bulbs
GLW/RGB, 24 bulbs			EXT-GLW/RGB, 12 bulbs

1. Unplug the first light string.

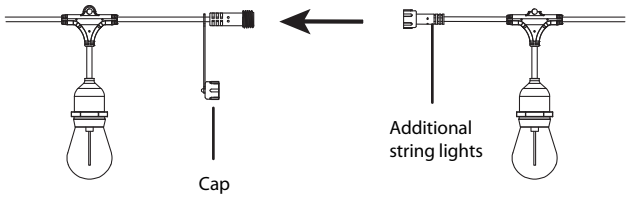


2. Remove the cap from the female end and insert the power plug on the second string into the power outlet on the first string.

GLW

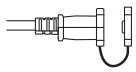


EXT-GLW/LCB, EXT-GLW/RGB

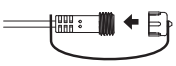


Note: Tightly cap the female end when not in use.

GLW



GLW/LCB, GLW/RGB, EXT-GLW/LCB, EXT-GLW/RGB



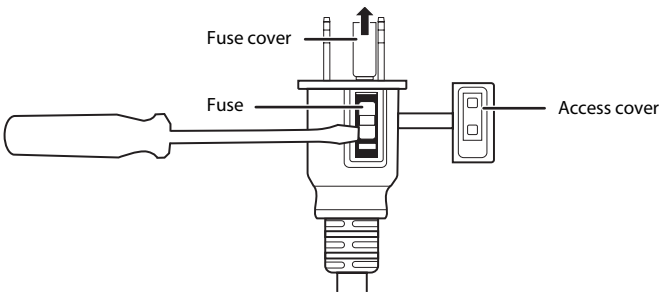
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REPLACING A FUSE *(ONLY FOR GLW)*

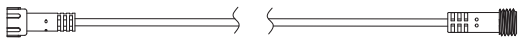
1. Disconnect power at the source prior to replacing a fuse. Grasp the plug and remove from the receptacle or other outlet device. Do NOT unplug by pulling on the cord. Replace the fuse only during dry and calm weather conditions. Do NOT attempt to replace during rain or when wet.
2. Open the access cover on top of the plug by sliding the fuse cover towards the electrical prongs.
3. Carefully pop out the fuse using a small screwdriver.



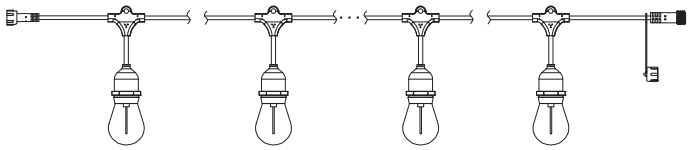
4. Insert the new fuse *(included)*.
   Note: Only replace with the included fuse or a 5A 125V fuse.
5. Slide the fuse cover back to the original position.

ACCESSORY *(SOLD SEPARATELY)*

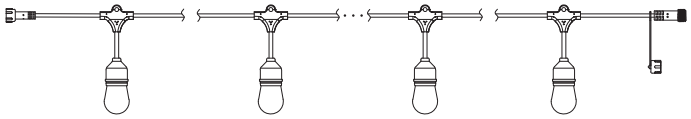
EXTCBL-GLW: 10ft Extension cable
(only for GLW/LCB and GLW/RGB)



EXT-GLW/LCB: 25 ft String with 12 bulbs, tunable white
(only for GLW/LCB)



EXT-GLW/RGB: 25 ft String with 12 bulbs, RGBW
(only for GLW/RGB)



TROUBLESHOOTING

Lights will not turn on.

1. Make sure that all of the connectors are connected correctly and the plug is inserted into a power outlet.
2. Make sure that the power is turned on.
3. If none of the bulbs light up, check the fuse at end of the cord. A blown fuse indicates an overload or short-circuit situation. If the fuse is blown, unplug the light string from the outlet. Also unplug any additional strings or products attached to the light string.

LEDs flicker or turn on and off.

1. Make sure that the power cable is not damaged.
2. Make sure that all connections are tight and secure.
3. If one or several bulbs do not light, unplug the string, then gently grasp and tighten the bulbs into the socket. Do not overtighten. Plug in the light string. Replace the fuse *(follow product marking for proper fuse rating)* and check the product. If the replacement fuse blows again, it is possible that a short circuit has occurred and the product needs to be discarded.

LIGHTCLOUD® BLUE

Lightcloud Blue is a Bluetooth® Mesh lighting control system designed for fast setup and flexibility. Install quickly with no gateways, hubs, or additional control wiring. Start with a single device and easily scale to control entire buildings.
Learn more at rablighting.com/lcb.

Note: Lightcloud Blue models are GLW/LCB and GLW/RGB

ADJUSTING RGB COLORS

ADJUSTING RGB COLORS
The GLW/RGB can be configured to display dynamic RGBW light shows with customizable effects and color sequences using the Lightcloud Blue mobile app.
Be sure to adjust the Max Segment Configuration value in the Lightcloud Blue app to match the total number of bulbs connected on a continuous run to ensure the entire length illuminates.

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CONTROLLING LIGHTCLOUD® BLUE DEVICE

1. Confirm your device is powered on.
2. Download the Lightcloud Blue app from the Apple® App store or Google Play™ store.

Download on the App Store | GET IT ON Google Play

3. Launch the App and create an account or login.
4. Tap the "add device" icon in the app to start connecting devices.
5. Select the fixture in the app and move it to an Area with other Lightcloud Blue lights.
6. You're all set!

Learn More

RESET TO FACTORY SETTINGS

If your Lightcloud Blue fixture is already paired, you can reset it to factory settings by using the below methods.

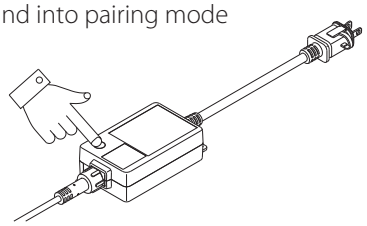
Method 1: Delete from App

Open the app and access the device settings for the paired device. Be sure that the downlight is online *(green status bars are visible)* and select "Delete".

RESET TO FACTORY SETTINGS

Method 2: Manual

Press and hold the button on driver for 10s to reset the device to factory settings and into pairing mode



Single Press:
Turn the string ON or OFF. When turned back ON, the string returns to its previous setting.

Double Press:
Activate built-in marquee lighting effects. Continue double pressing to cycle through available shows:
Warm 3000K white across the entire string Full-string Red, Green, and Blue color transitions. Alternating Red, Green, and Blue colors across individual bulbs for a multi-color effect

CONFIGURATION

All configuration of Lightcloud Blue products may be performed using the Lightcloud Blue mobile app.

System Overview

Resources

POWER OUTAGE RECOVERY

If there is a power loss, the Lightcloud Blue light will turn ON AT LAST DIM LEVEL when power is restored. This behavior can be adjusted to LAST STATE using the mobile app. When using Schedules, be sure to add a NANO/LCB (sold separately) to maintain accurate timekeeping after a power loss.

Note: *These instructions do not cover all details or variations in equipment nor do they provide for every possible situation during installation, operation or maintenance.*

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GLOW-IN-0626
P-102249

Easy Answers

rablighting.com
Visit our website for product info

Tech Help Line
Call our experts: 888 722-1000

e-mail
Answered promptly - sales@rablighting.com

Free Lighting Layouts
Answered online or by request

RAB WARRANTY: *RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.*