RACE SPORT LIGHTING

RSCUBKIT10

ColorTRAIL RGBW LED STRIP KIT, 6 PIECE

WHAT'S INCLUDED

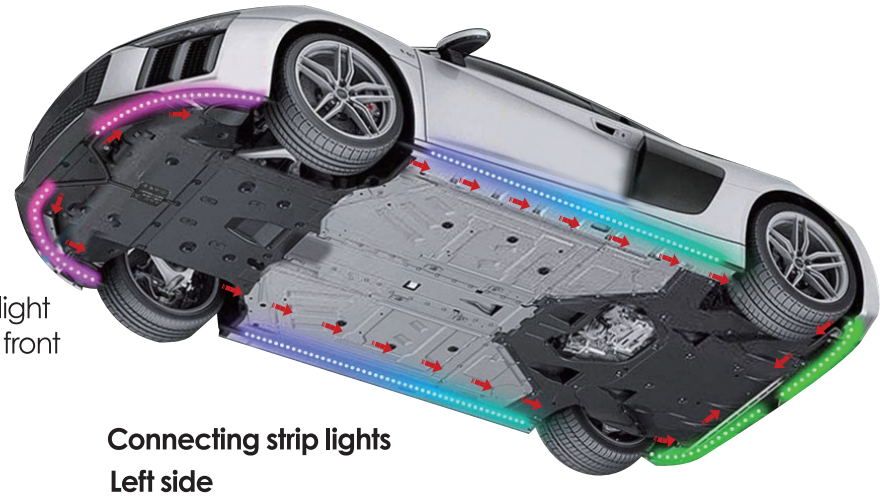
6 x LED Strips
6 x LED Extension Cables (10ft)
1 x Bluetooth RGB Control Module
with connection for **HORIZON/HEIGH10**
1 x RF Remote Control
18 x Mounting Brackets
43 x Mounting Screws
1 x 1.5 x 2.5 Adhesive Pad
14 x 8" Zip Ties

Before you start, review directions completely.
If your vehicle is not pre-wired for external lighting,
You may need the following:

- In-line Fuse Holder (SPXATC16 or similar)
- 3 Amp Fuse
- 2 Strand Primary Wire
- Wire Connectors / Solder
- Wire Cover

Optional:

- Switch
- Relay



MOUNTING LED STRIP LIGHTS

1. Determine a location for the RGB module
2. For correct light pattern flow, mount each light strip with the male connector end facing the front of the vehicle.

 **= Male Connector**

3. Connect each light to the extension harness by matching both arrows correctly and tighten the locking nut.

  **= Match Arrows**

NOTE: Avoid mounting the module in locations that get extremely hot or wet.

3. Mount the strip lights using the supplied mounting hardware. Each strip light has a 3M adhesive to hold the strips in place. Strip lights and extension cables should be mounted in a location where they will not come in contact with the exhaust, suspension, tires or road surface.

4. Route and connect the light cables to the RGB module in a daisy chain connection. Start with the Front lights, then to the middle lights, and then to the rear lights.

NOTE: Make sure the strips with the single connection are used for the rear.

Connecting strip lights

Left side

1. RGB module left female connector to left male extension connector
2. Left front 21" strip light male connector to female extension connector
3. Left front 21" strip light female connector to male extension connector
4. Left side 60" strip light male connector to female extension connector
5. Left side 60" strip light female connector to male extension connector
6. Left rear 21" strip light male connector to female extension connector

Right side

1. RGB module right female connector to right male extension connector
2. Right front 21" strip light male connector to female extension connector
3. Right front 21" strip light female connector to male extension connector
4. Right side 60" strip light male connector to female extension connector
5. Right side 60" strip light female connector to male extension connector
6. Right rear 21" strip light male connector to female extension connector

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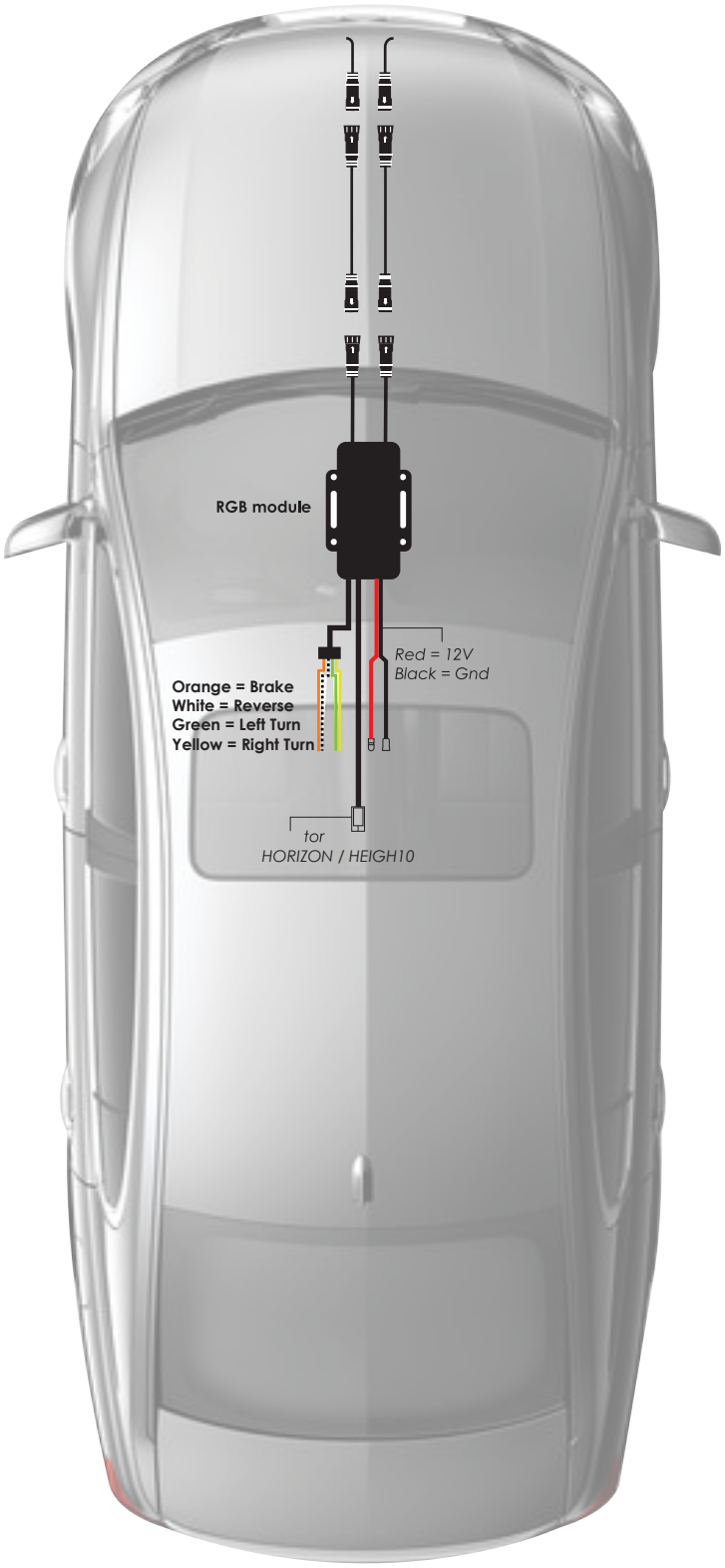
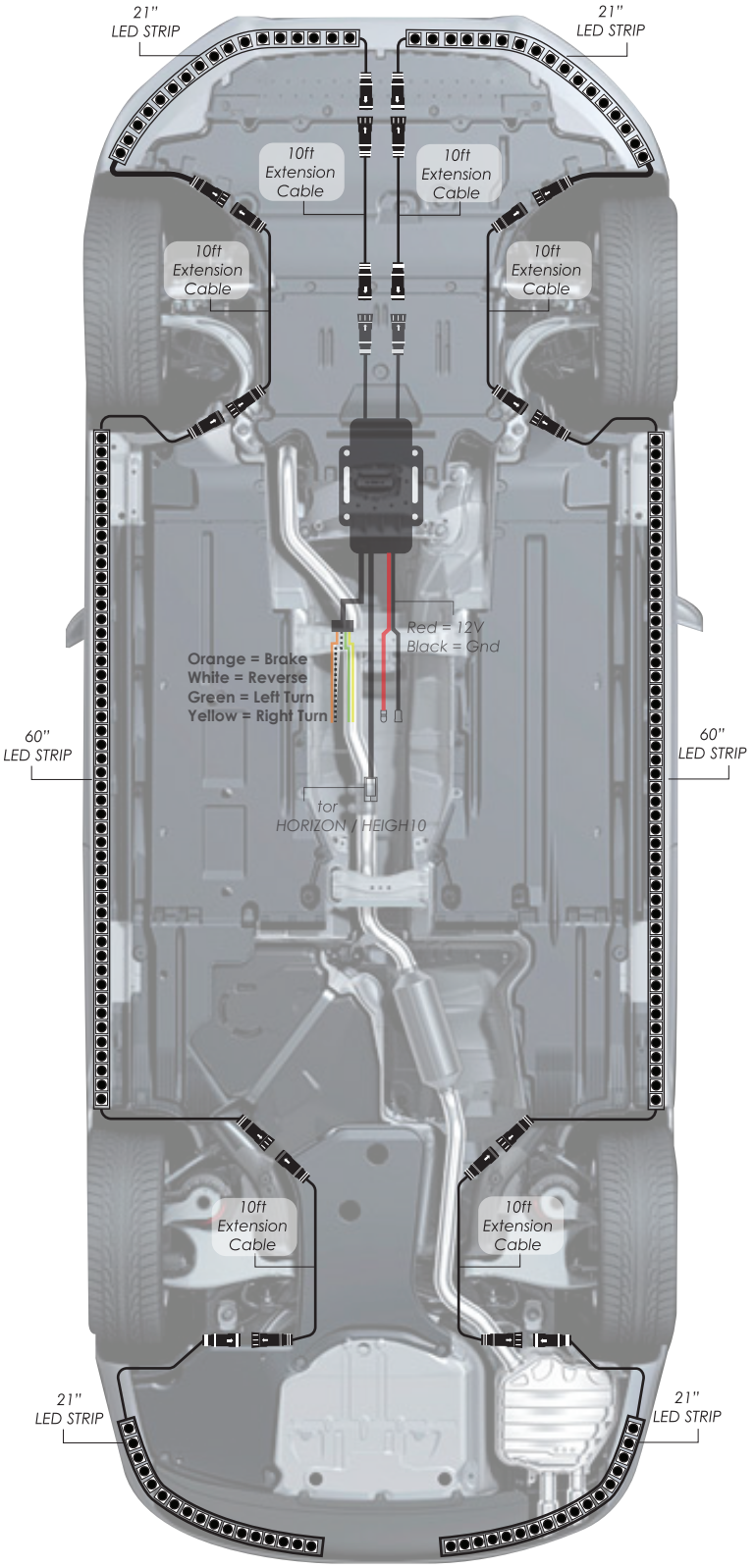
OVERVIEW

Module



Right Strip Lights

Left Strip Lights



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WIRING DIAGRAMS

Diagram 1: Wiring direct to power and using an App to turn on/off. Must add 3 AMP fuse on RED 12V+ wire.

Diagram 2: Wiring with a switch. You can add a new dedicated switch or use an existing light switch that outputs 12V+ when ON. You will need to add a 3 AMP fuse on the RED 12V+ wire and also requires a 12V relay. Note: When wired to a switch, the RGB controller will default to last mode/color used. No need to access the app.

HEIGH10 connection: Connect the Sirius XM harness to the HEIGH10 Radio Module, then connect the 4 pin male connector of the LED module to the female connector of the HEIGH10 Sirius XM harness.
If your HEIGH10 is missing the harness or has the wrong connector you will need to purchase the optional harness **(SE-SXMHAR)**

NOTE: Lighting module will still need separate power and ground when connecting SE-SXMHAR

HORIZON models and HEIGH10 + connect the module to the 4-pin harness coming out of the radio. Use HORIZON manual for connection instructions.

Diagram 1

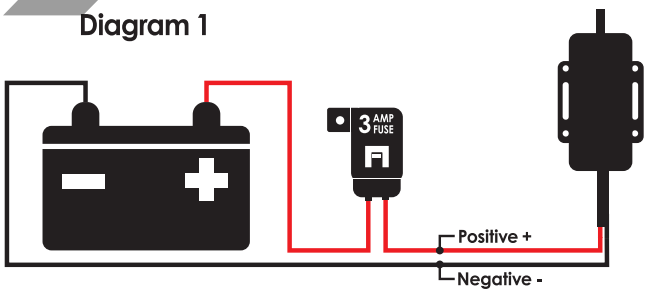
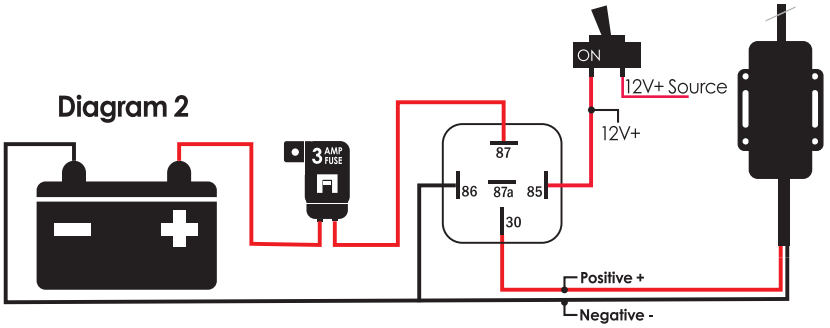
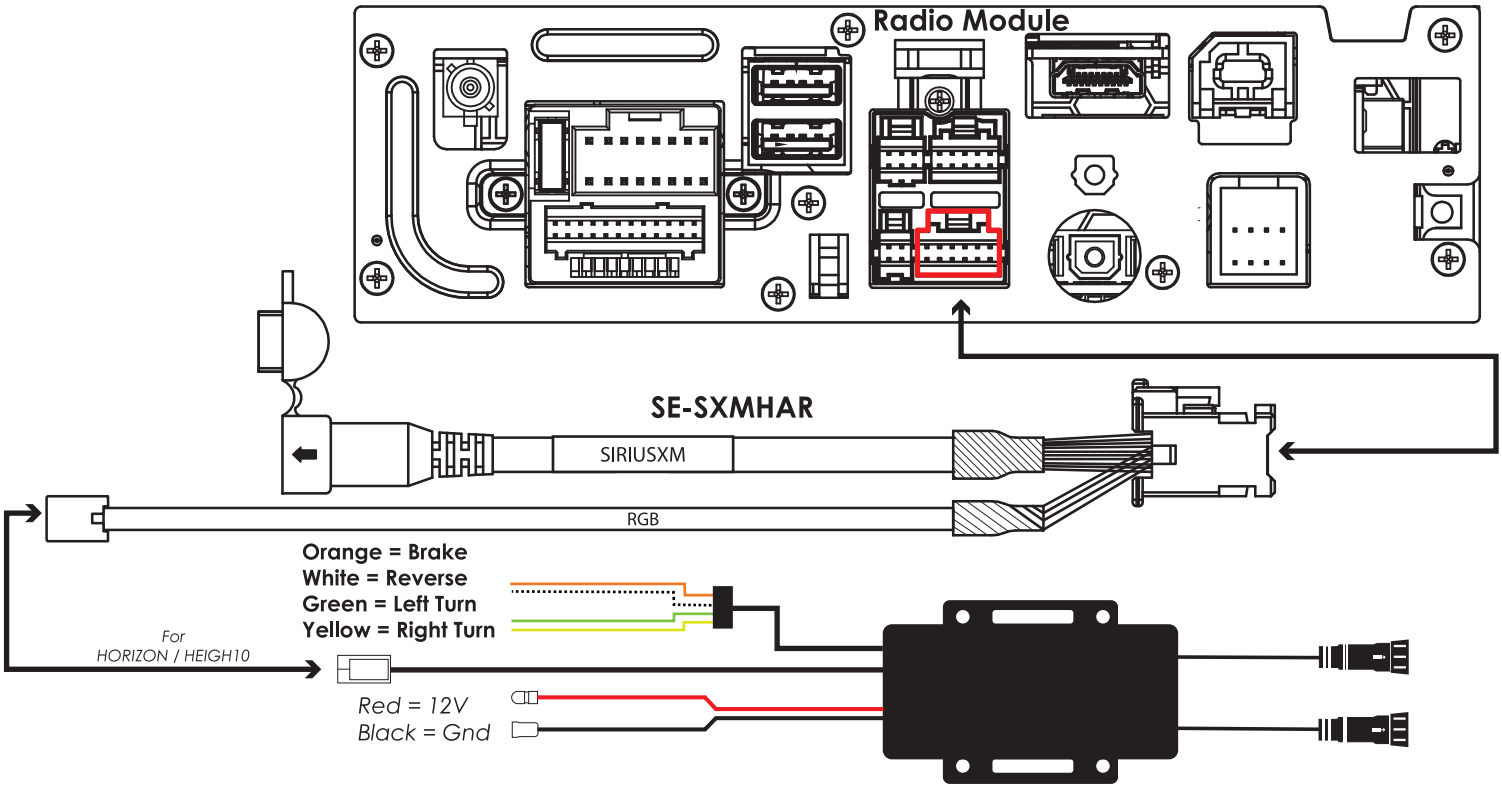


Diagram 2

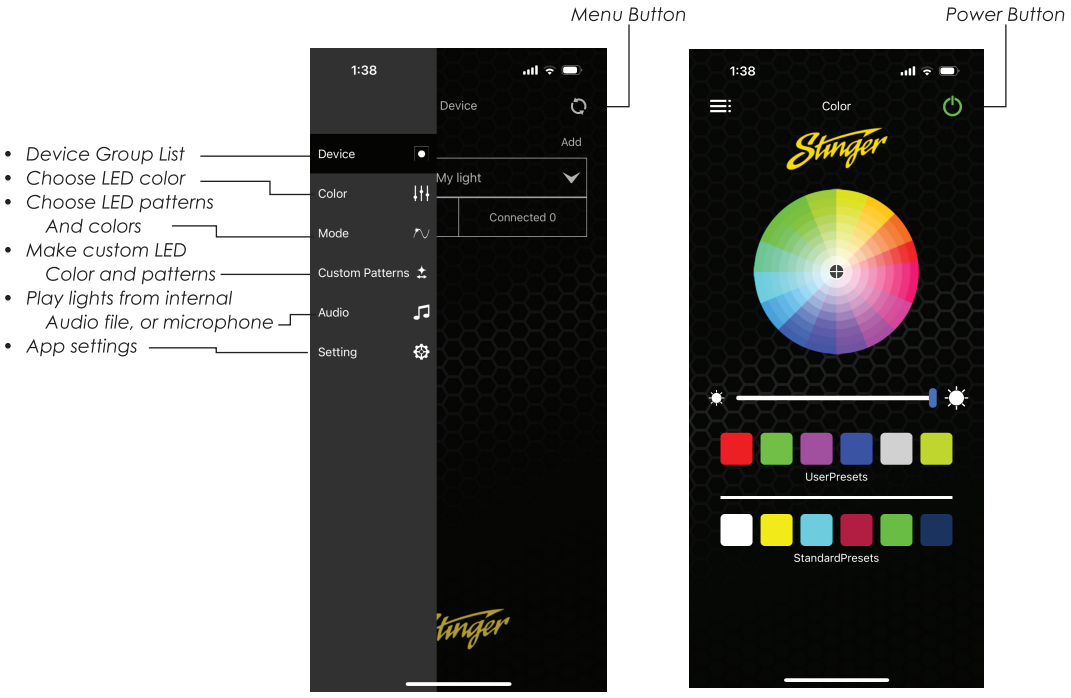




GET THE APP

Scan the QR Code, or visit Google Play or iTunes to download the *Stinger Lighting* app. Once the app is installed, power up the RGB Module and open the app. The module should auto-connect and be listed in the device list. And Dan says Let There Be Light.

SCAN for Apple iOS and Android App



Stinger Lighting App

LIMITED WARRANTY:
Race Sport Lighting warrants this product to be free of defects in materials and workmanship for a period of one (1) years from the original date of purchase. The warranty is not transferable and applies only to the original purchaser from an authorized Race Sport Lighting dealer in the United States of America only. Should service be necessary under this warranty for any reason due to manufacturing defect or malfunction, Race Sport Lighting will (at its discretion), repair or replace the defective product with new or re-manufactured product at no charge. Damage caused by the following is not covered under warranty: accident, misuse, abuse, product modification or neglect, failure to follow installation instructions, unauthorized repair attempts, misrepresentations by the seller. This warranty does not cover incidential or consequential damages and does not cover the cost of removing or reinstalling the unit(s). Cosmetic damage due to accident or normal wear and tear is not covered under warranty.

INTERNATIONAL WARRANTIES:
Products purchased outside the United States of America are covered by that country's Authorized Race Sport Lighting reseller and not by Race Sport Lighting. Consumers needing service or warranty information for these products must contact that country's reseller for information.

For more information about this fine product, and for technical questions, additional details of the limited warranty and repair services, please visit www.racesportinc.com
Race Sport Lighting – "a Stinger Company"
9620 Executive Center Drive, Suite 200
St. Petersberg, Fl 33702
Product support:
Phone: 727-228-2740
Email: service@racesportinc.com
As Technology advances, Race Sport Lighting reserves the right to continuously change our specifications.

Pixel Calculator

When adding multiple light kits together you will need to adjust the pixel count using the Stinger Lighting app.
Below are the pixel count for each part and on page 2 you will find the steps and the pixel Calculator.

Each RSCBTC has a pixel count min and max
Minimum 30
Maximum 1024
Rock Lights = 4 pixels per Rock Light
For example:
1 RSDK4 (4 Rock Lights) = 8 Pixels. (App supports min 30 Pixels)
1 RSDK8 (8 Rock Lights) = 16 Pixels.
Whips and Light Strips are treated as left/right pairs, so pixel count is for two units.
For example:
2 RSCW410 (Whips) = 63 Pixels total.
2 RSCS16 (Light Strips) = 100 Pixels total.
If you were to have three or four Whips you would enter 63 x 2 = 126 Pixels.
If you were to have three or four Light Strips you would enter 100 x 2 = 200 Pixels.

Product Pixel Count:

RSDK4
4 Rock Light Kit = 8 Pixels
App is preset to 30 Pixels

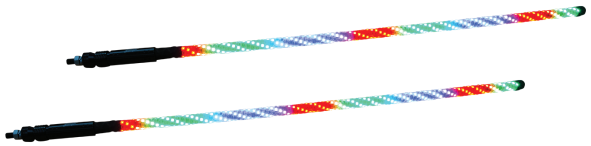
RSDK8
8 Rock Light Kit = 16 Pixels
App is preset to 30 Pixels

RSDE4
4 Add on Rock Lights = 8 Pixels
Add 8 Pixels for each kit

RSCS16
16FT LED Strips = 100 Pixels
Add 100 Pixels for each kit

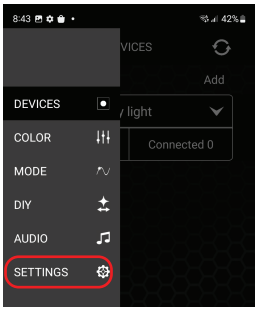
RSCUBKIT10
6 LED Light Strip Kit = 50 Pixels
App is preset to 50 Pixels
RSCUKIT10
4 LED Light Strip Kit = 30 Pixels
App is preset to 30 Pixels

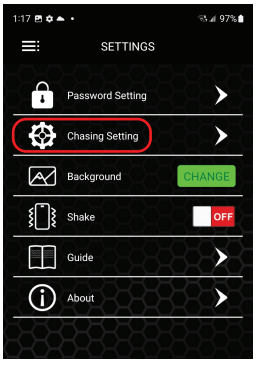
RSCW210
2Ft Whip = 30 Pixels
Set App to 50 Pixels for one or two Whips
RSCW410
4Ft Whip = 63 Pixels
Set App to 63 Pixels for one or two Whips



Pixel Calculator

Step 1.
Open the Stinger lighting app on your phone.
Step 2.
Open the Settings menu.
Step 3.
Click on Chasing Settings.
Step 4.
Click on the device.
The device should now be highlighted in blue.
If you have a kit the device name will have a preset pixel count
(Check previous page for Pixel count of each part)
Step 5.
Enter the number of pixels you want and press enter.
Step 6.
Go to the Mode page and turn the connected device off then on by pressing the green icon.





Pixel Calculator

Rock Light = 4 pixels each
LED strip per 2 inches = 1 pixel
For example:
12 inch strip = 6 pixels