



CLOUD-BASED SYSTEM
ANYWHERE APP
USER MANUAL

oelo

PERMANENT HOLIDAY LIGHTS



LAST UPDATED 10.2022



GETTING STARTED

Congratulations on the purchase of your new Oelo multi-color lighting system. This manual is for the setup and operation of the **OELO LIGHTING SOLUTIONS ANYWHERE APP**, which you can download from the Apple App Store or Google Play Store.

INDEX

APP DOWNLOAD.....	2	LIGHTING MODES.....	10-11
INITIAL APP SETUP.....	3	SPOTLIGHT MODE.....	10
WiFi SETUP.....	4-5	TIMER.....	12-13
PHONE SETTINGS.....	6-7	CALENDAR.....	14-15
LIGHTING SCREEN.....	8	TROUBLESHOOTING.....	16-20
COLOR SETTINGS.....	9	MATERIAL REFERENCES.....	21

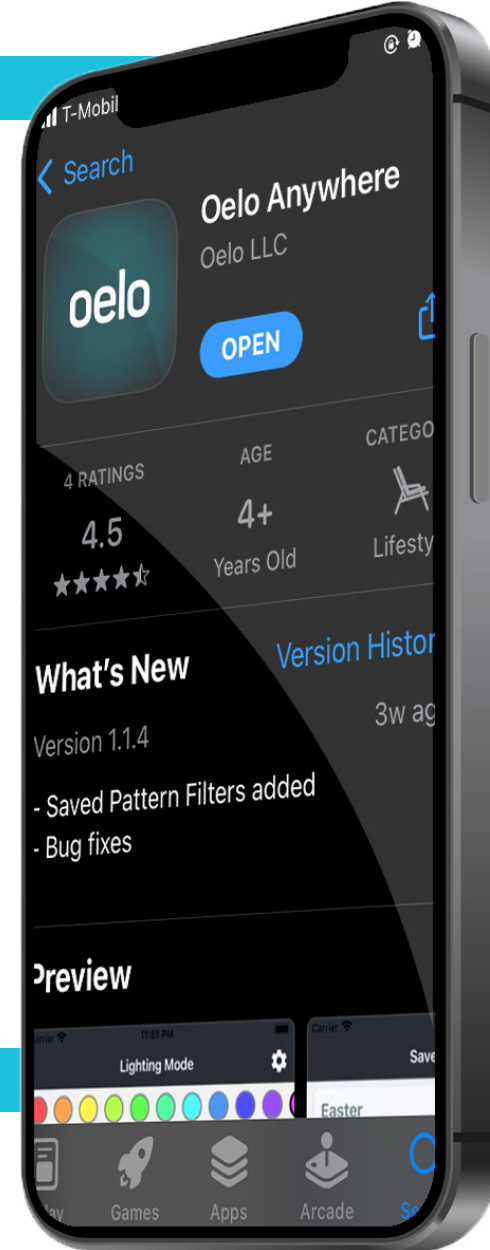
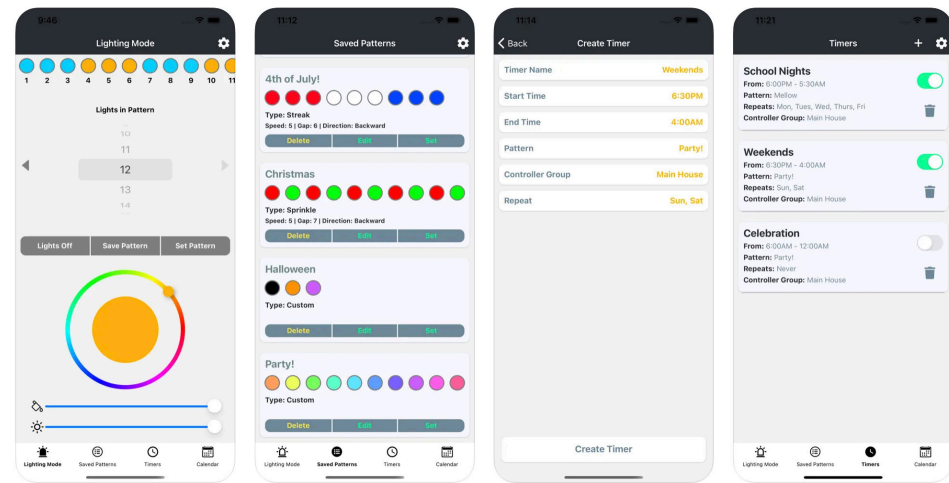


DOWNLOAD MOBILE DEVICE ANYWHERE APP

Oelo Anywhere 4+
Oelo LLC

Search "OELO" to download the **OELO ANYWHERE** App from the Apple App Store or Google Play Store.

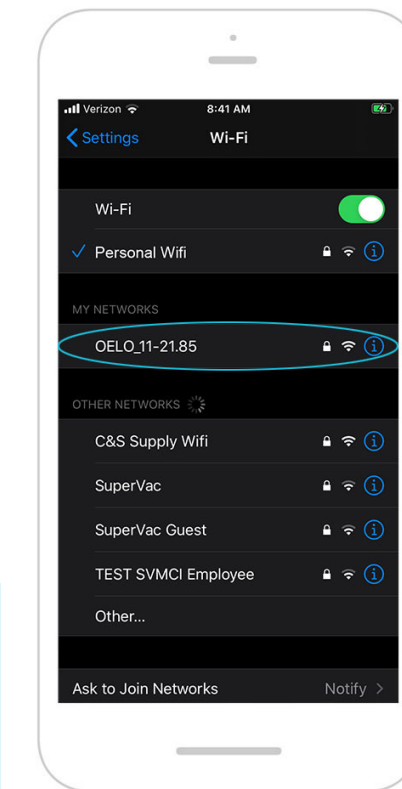
iPhone Screenshots



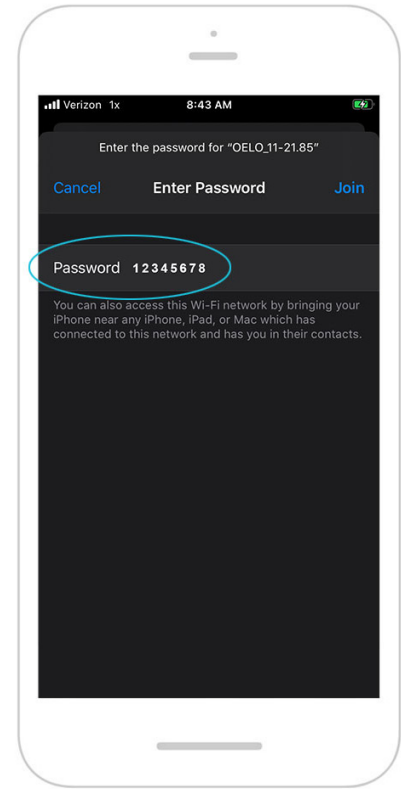
TO CONNECT THE APP TO YOUR PERSONAL WIFI...



STEP 1: Plug in and power on Oelo controller box. The controller has two green lights to indicate power is on.



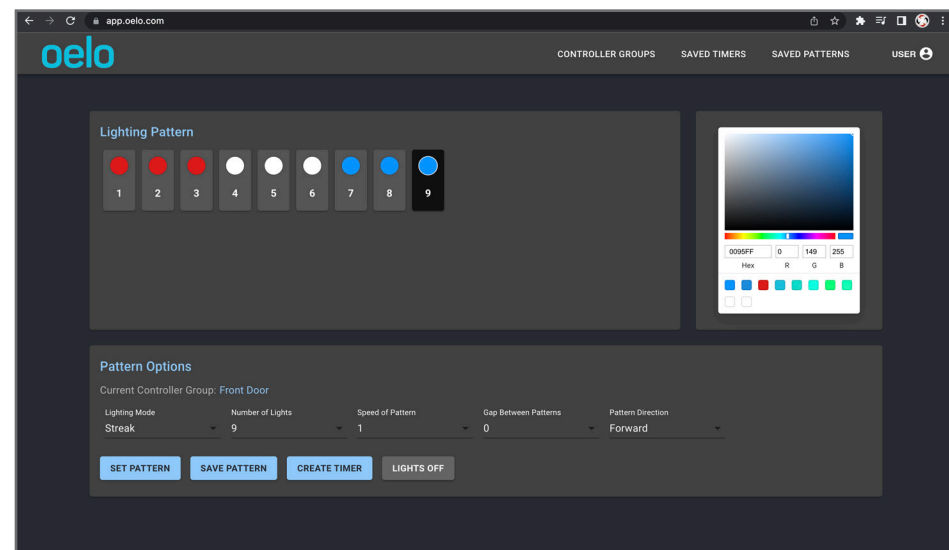
STEP 2: Open your phone's WiFi settings. Controller will start to broadcast its own network, "OELO_#-##.###". Select the OELO WiFi network option.



STEP 3: Enter password at prompt: 12345678. Stay connected to this network.

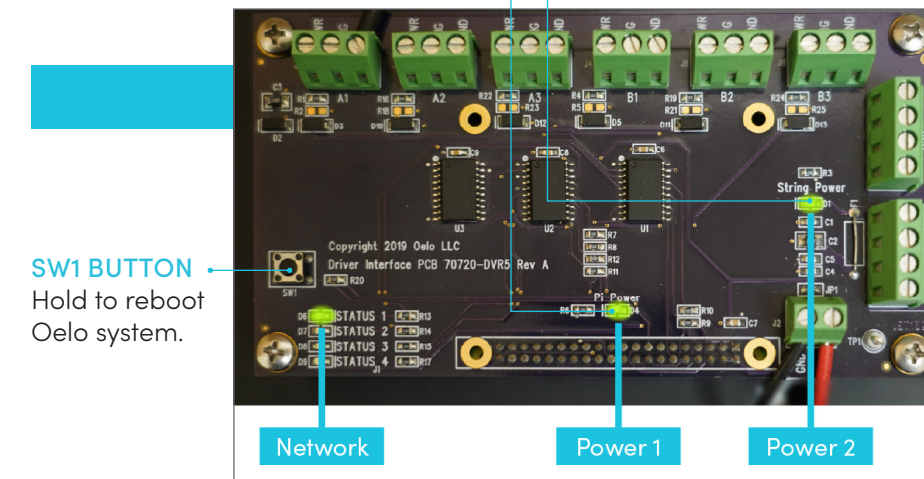
CONTINUE

DESKTOP ANYWHERE APP OPTION



To access the Anywhere App via desktop, visit www.app.oelo.com and log in with the same user/ password credentials from **PHONE SETTINGS Page 6.**

OELO CONTROL BOX STATUS LIGHTS



- **0 lights** means that the outlet is not connected to power.
- **2 lights** indicate power, but no connection to the internet.
- **3 lights** indicates that the Control Unit is powered and has a network setup.

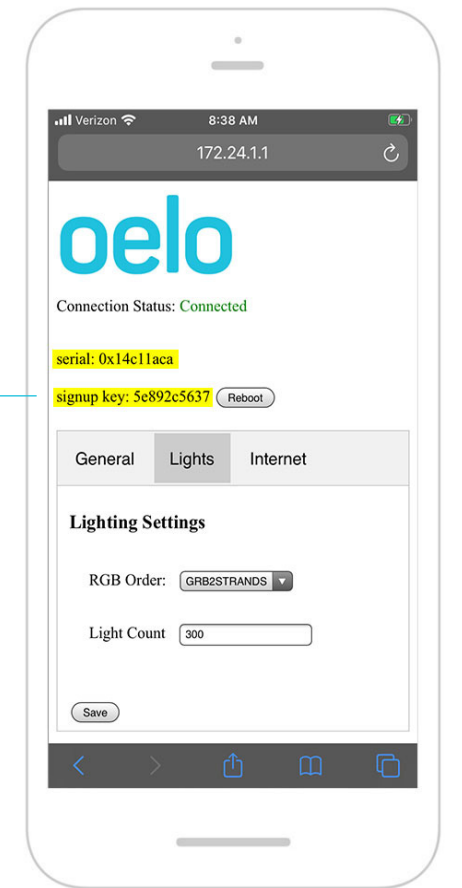
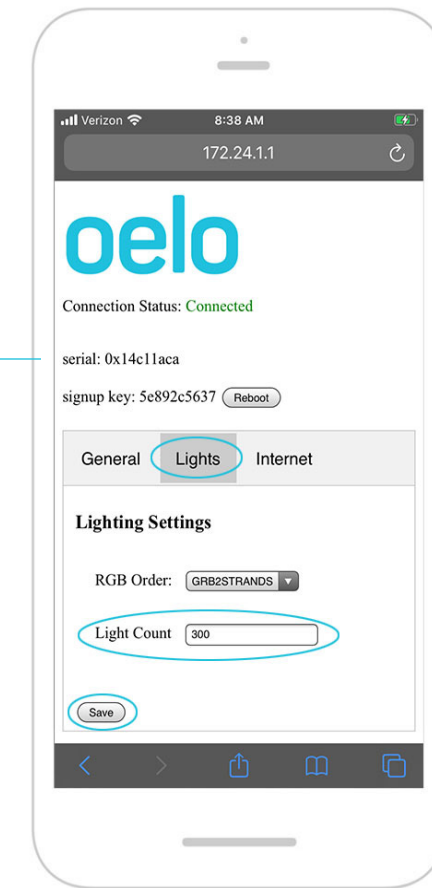
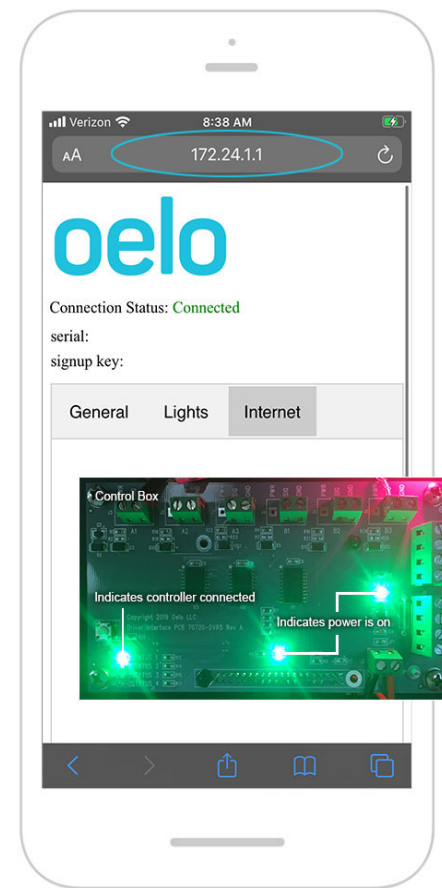
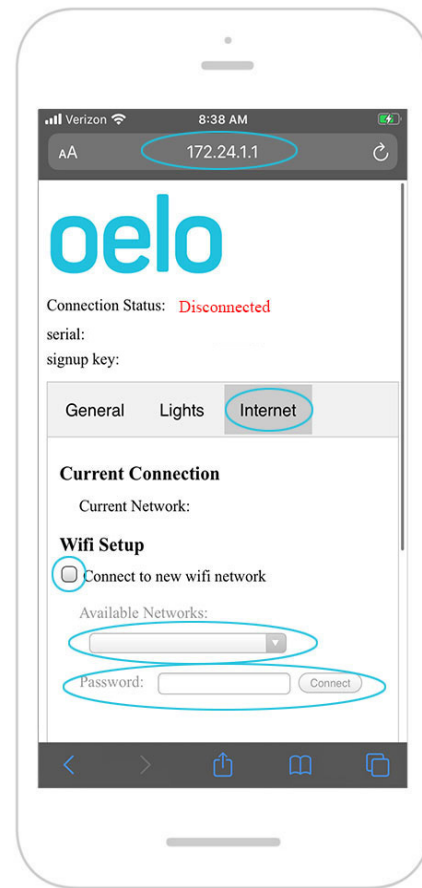
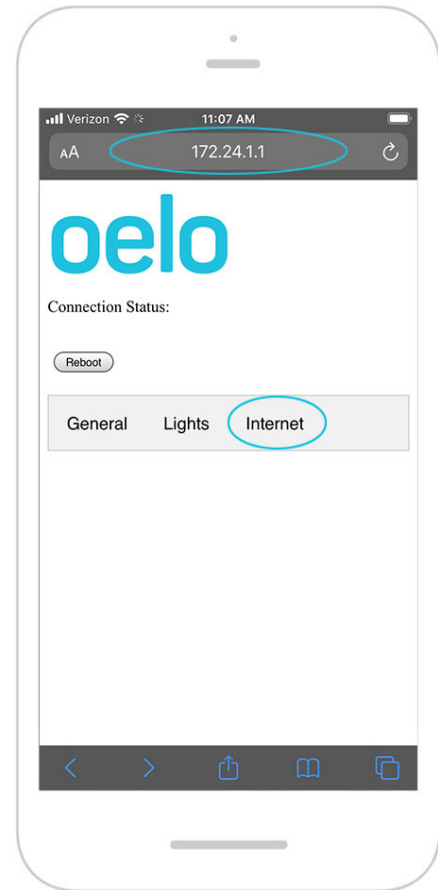
SW1 BUTTON
Hold to reboot Oelo system.

WiFi SETUP

NOTE: The Oelo Controller WiFi is best if you do not have your own secure, personal WiFi network.

ONCE CONNECTED TO OELO NETWORK

ONCE CONNECTION STATUS IS CONNECTED



STEP 4: Open a web browser on your phone and enter <http://172.24.1.1/>. Click on the **INTERNET** tab.

STEP 5A: Under **WiFi SETUP**, check box for connection to new WiFi network. Under **AVAILABLE NETWORKS** choose your network. Enter password. Tap **CONNECT**.

STEP 5B: Wait for connection confirmation. Control Box [Status 1] light will illuminate to indicate controller has a network connection.

STEP 6: Tap the **GENERAL** tab. Set **NICKNAME**, ie "Front of House", "Patio", etc. Tap **SAVE**.

STEP 7: Tap the **LIGHTS** tab. Enter **LIGHT COUNT**. Does not have to be exact. (Example: If there are 212 lights, enter 220. But should NOT be less than.) Tap **SAVE**.

STEP 8: Disconnect from Oelo WiFi and go back to your personal WiFi. Make note of **SERIAL NUMBER** and **SIGNUP KEY** which is needed on **Page 6, Step 3**.

GETTING TO KNOW OELO NETWORK

- Tap the **GENERAL** tab to:
 - Set Timezone
 - Check Software Version
 - Check for Oelo App Updates
- Tap the **LIGHTS** tab to:
 - Set number of lights
 - Set RGB Order
- Tap the **INTERNET** tab to:
 - Check connection status
 - Connect to new WiFi
 - Connect to Hotspot

The Oelo cloud-based network can be accessed when connected to the "OELO_##" WiFi in your phone settings. You must open a browser and enter "<http://172.24.1.1/>".

SERIAL NUMBER

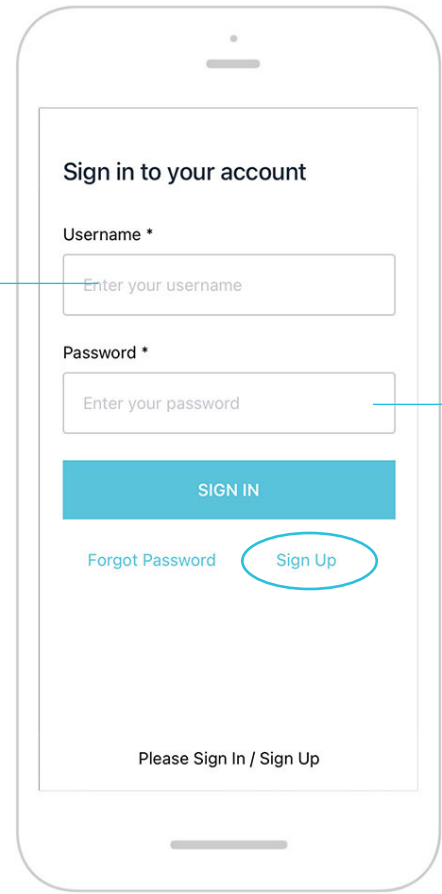
SIGN-UP KEY

NOTE your serial number and signup key in the boxes above for future reference.

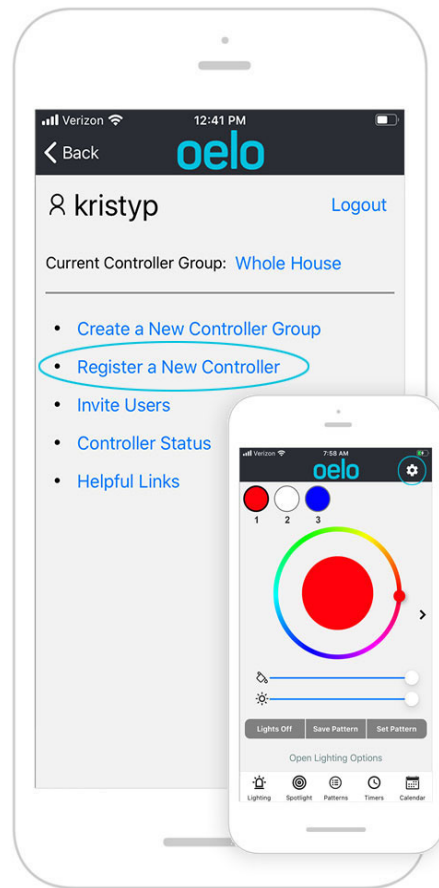
PHONE SETTINGS

Create an account. Register your controller, create multiple controllers and assign controller groups.

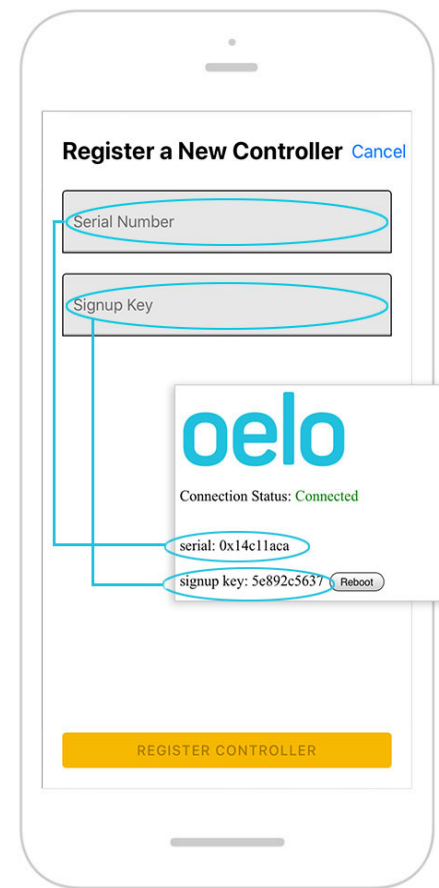
REGISTER A NEW CONTROLLER



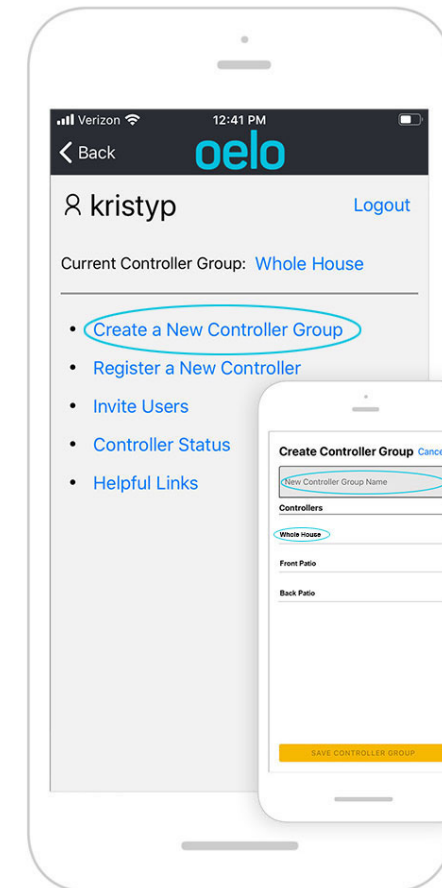
STEP 1: Open the Oelo Anywhere App. Sign in / create your account.



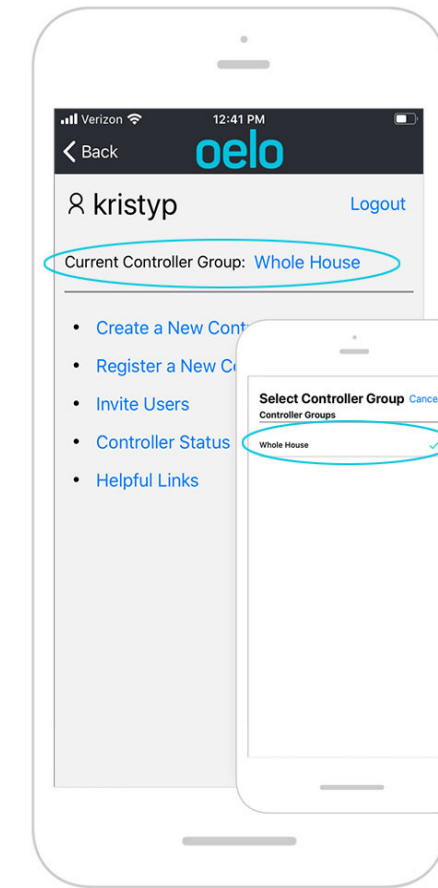
STEP 2: Tap the **SETTINGS** gear shaped icon in the top right corner to register a new controller.



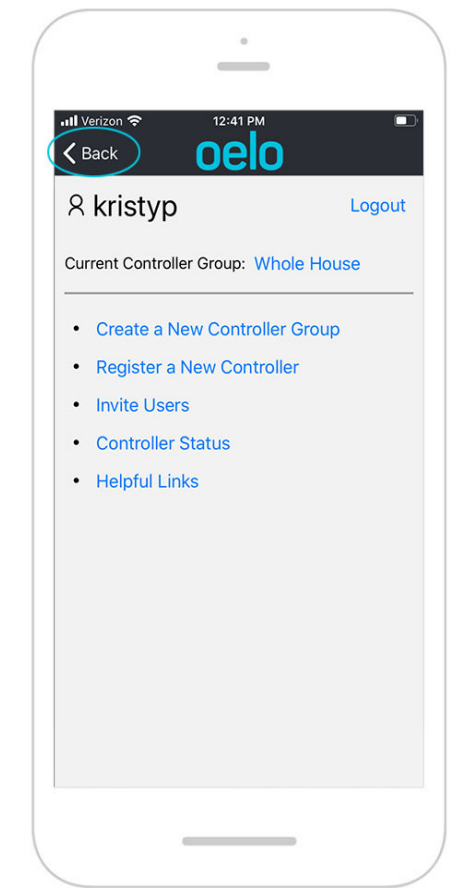
STEP 3: Tap **REGISTER A NEW CONTROLLER**. Enter Serial Number and Signup Key from **WiFi Setup Step 8**. Repeat process to add more controllers.



STEP 4: Tap **CREATE A NEW CONTROLLER GROUP**. Name the Controller Group. Choose which of your controllers you want to control. **SAVE** Controller Group.



STEP 5: Tap **CURRENT CONTROL GROUP**. Choose the Controller Group you wish to display.



STEP 6: Tap **BACK** to get to main color screen.

USERNAME

PASSWORD

NOTE your sign in credentials in the boxes above. Use these same credentials to access the Oelo Anywhere Desktop App available at www.app.oelo.com

Control multiple structure systems separately by creating multiple controller groups:



MAIN BUILDING



LIBRARY



PLAZA

LIGHTING SCREEN

Once your Oelo controller app is ready to operate, you will initially start on the **CUSTOM** lighting mode option.

COLOR SETTINGS

GETTING TO KNOW YOUR HOME SCREEN

LIMITLESS COLOR HUES AT YOUR FINGER TIPS

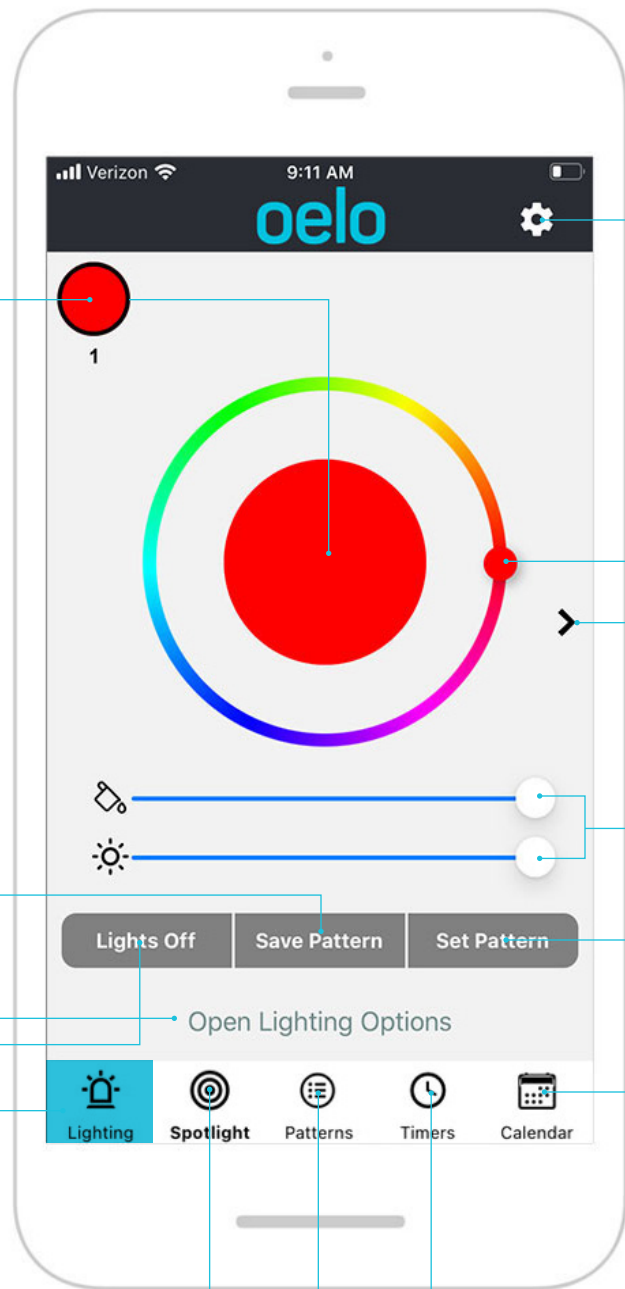
Add more colors, set the number of lights in your pattern and select movement modes, adjust speed and direction of pattern by tapping **OPEN LIGHTING OPTIONS**, then set the color using color wheel and adjusting the sliders.

The **SAVE PATTERN** option allows you to save lighting sequences that you would like to access for future use or apply when using the timer.

Turn lights off manually.

Tap the **LIGHTING MODES** button to pull up the color settings menu.

Add security lighting or highlight structural features with Oelo's new **SPOTLIGHT** feature.



Tap **PATTERNS** to choose a lighting sequence from your favorite saved patterns or an Oelo pre-set pattern.

Tap the **SETTINGS** tab to register a new controller, create a new control group, invite users, check controller status, or to delete your account.

Run your thumb around the color wheel to change your lighting color.

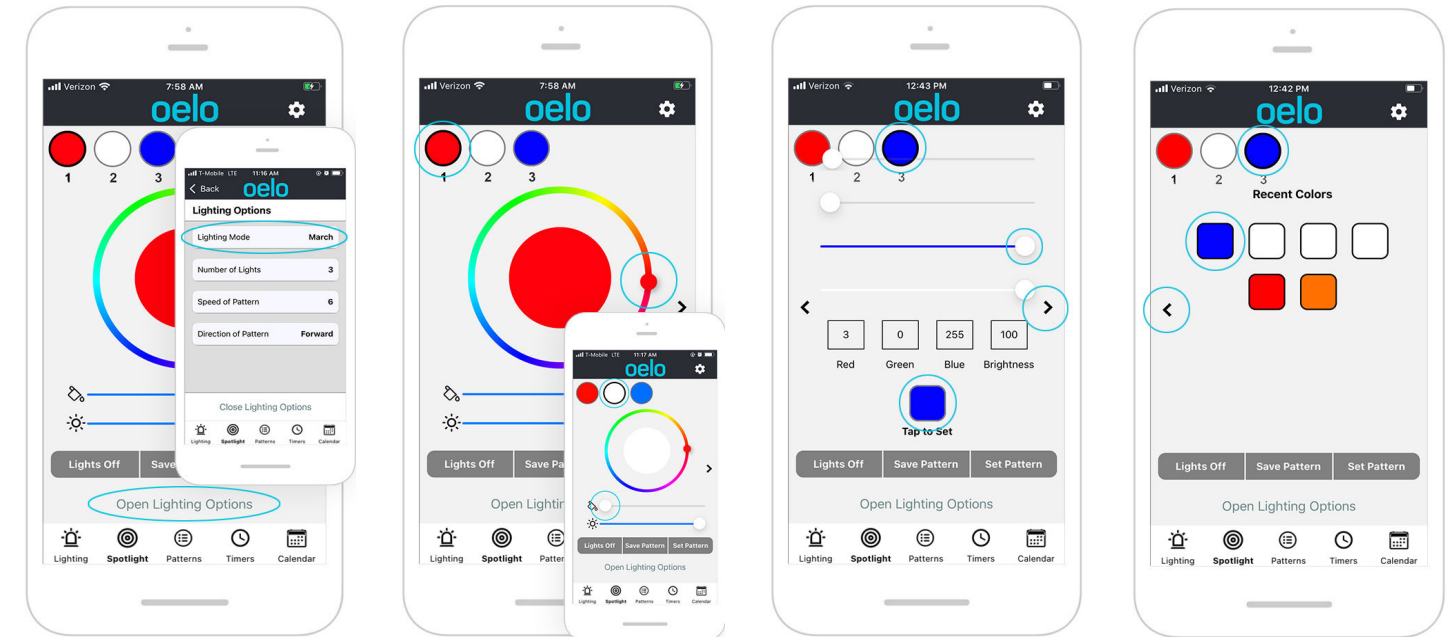
Tap the arrow to get to the color palette of previously used colors and/or to adjust RGB color levels.

Adjust your color brightness and contrast by adjusting the sliders.

Tap the **SET PATTERN** button to display your lighting sequence.

Schedule your lighting patterns months in advance with Oelo's **CALENDAR** option.

Set the time you want your lighting sequences to run by tapping **TIMERS**. Includes Oelo's dusk 'till dawn option.

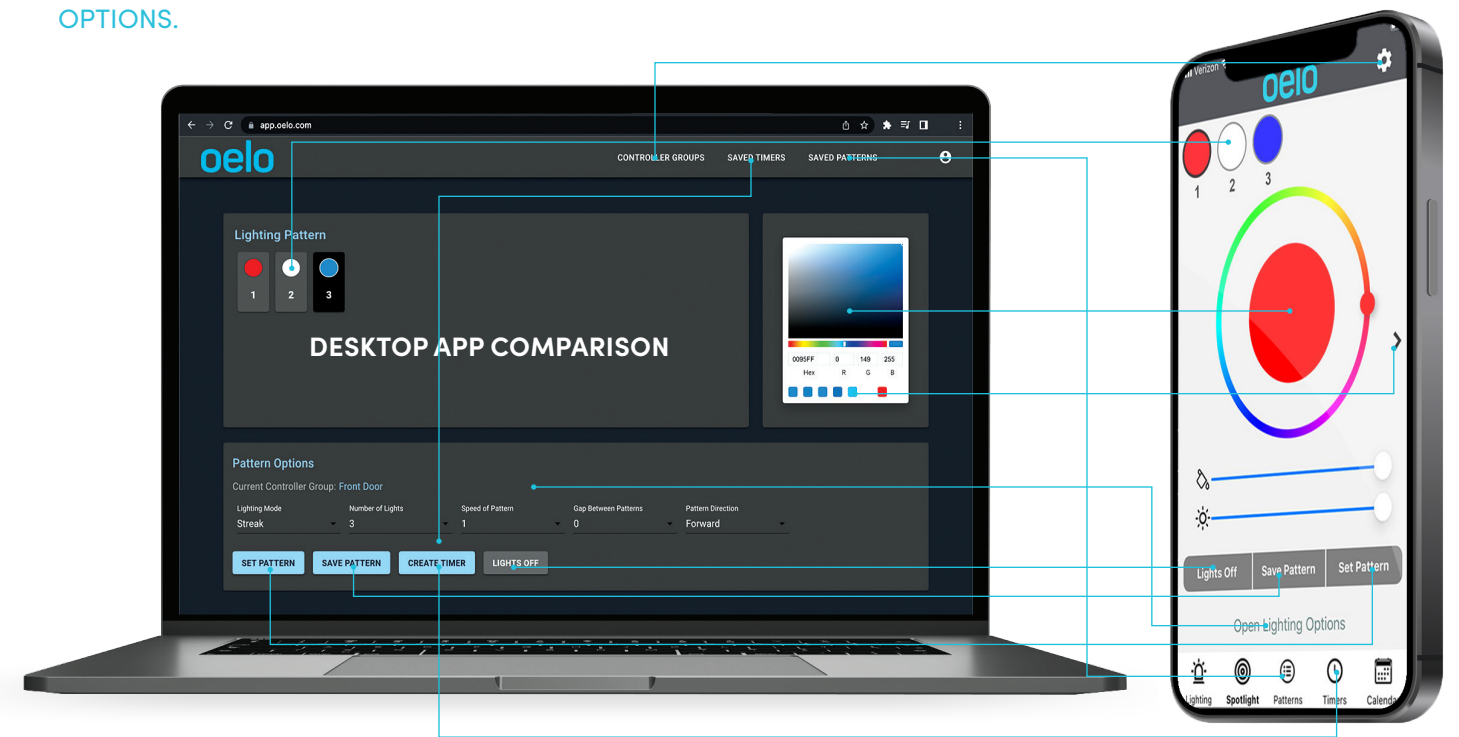


STEP 1: Tap **OPEN LIGHTING OPTIONS** to choose your lighting mode, number of lights, speed, direction and gaps between pattern. Tap **CLOSE LIGHTING OPTIONS**.

STEP 2A: Set your color by dragging your thumb around the color wheel. Adjust brightness and opacity sliders below for white or black hues. Tap **CLOSE LIGHTING OPTIONS**.

STEP 2B: Tap the **RIGHT ARROW** to set your color using RGB sliders. Adjust your sliders as desired, then **TAP TO SET** to save color.

STEP 2C: Tap **RIGHT ARROW** to select any colors you have used recently. Tap **LEFT ARROW** to go back to main color screen.



LIGHTING MODES

Tap the **OPEN LIGHTING OPTIONS** button on the home screen, then select **LIGHT MODES** option.

LIGHTING MODE MOVEMENTS

CUSTOM: Create an iconic Christmas light look. Pick one color or alternate your hues.

CHASE: Pick two colors (or more) to chase each other through the system.

MARCH: March to your own beat. This effect allows for a repeated marching pattern.

STREAK: Add even more movement with the streak mode. Control speed and gaps.

SPLIT: Evenly split any amount of colors you want for a dual-lighting effect.

BOLT: One by one, your lights illuminate your chosen color pattern.

SPRINKLE: Each individual light slightly fades in and out to create a sprinkling illusion.

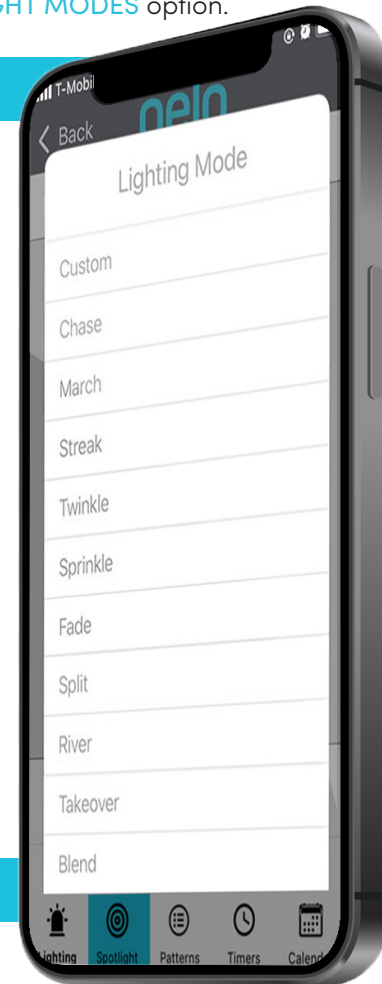
TWINKLE: Each individual light fades in and out, creating a twinkle effect.

FADE: Smoothly fade between multiple colors to a speed set by you.

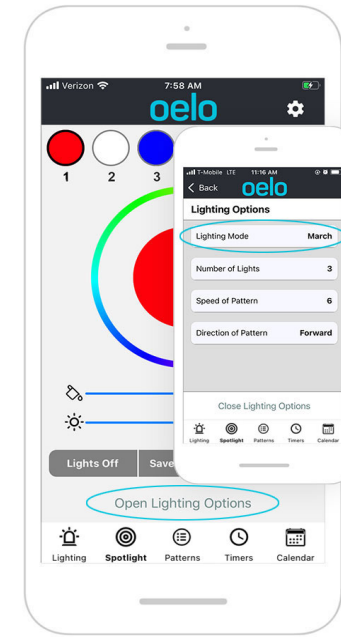
RIVER: Colors blend together throughout the light strand for a subtle flow effect.

TAKEOVER: Have your marching pattern taken over by a color after cycling colors.

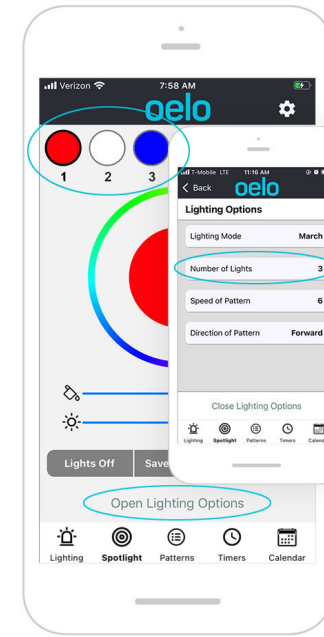
BLEND: Blend multiple colors together to create a beautiful gradient effect.



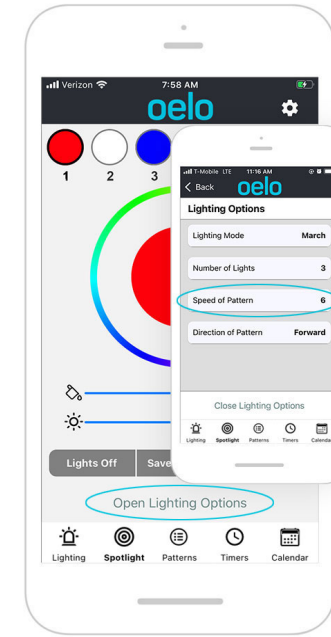
HOW TO SET LIGHTING PATTERNS



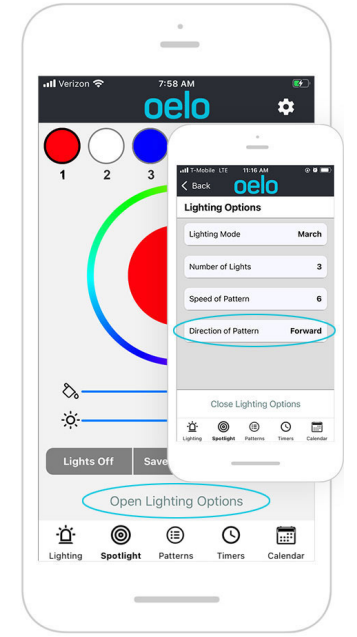
STEP 1: From the **OPEN LIGHTING OPTIONS** menu, tap **LIGHTING MODE** to pull up the modes menu. Select your desired movement.



STEP 2: Set the **NUMBER OF LIGHTS** you would like in your pattern. (View **COLOR SCREEN page.9** on how to set colors.)

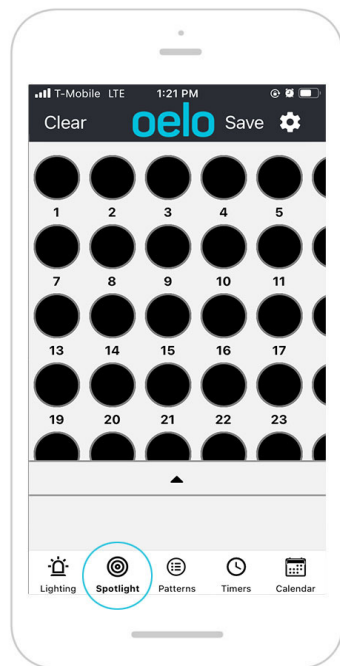


STEP 3A: Set the **SPEED OF PATTERN** to set the mood from slow and elegant, to fast and exciting.

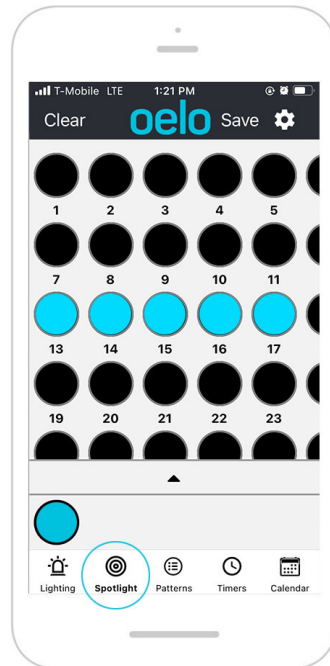


STEP 3B: Set the **DIRECTION OF PATTERN** to **FORWARD** or **BACKWARD** direction.

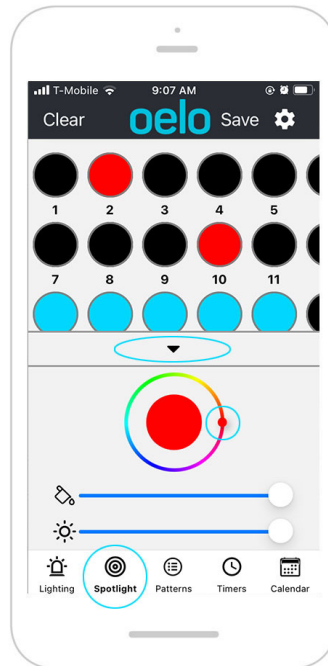
HOW TO SET SECURITY OR ACCENT LIGHTING WITH SPOTLIGHT MODE



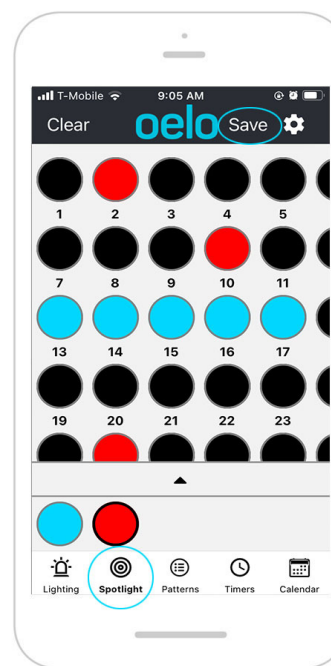
STEP 1: From the home screen, tap **SPOTLIGHT** at the bottom of screen.



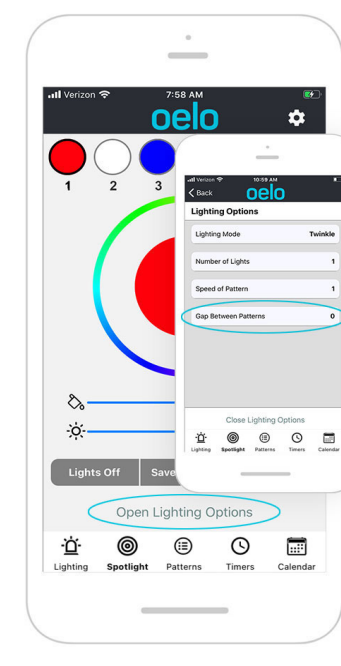
STEP 2: Select each individual LED (numbered numerically, starting nearest to the controller) to illuminate select LEDs in the strand.



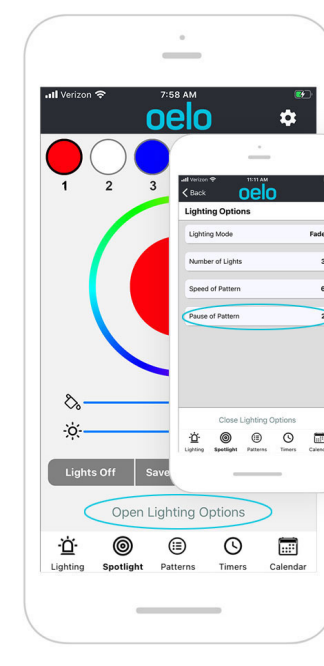
STEP 3: Tap the **ARROW** to set the color of that LED.



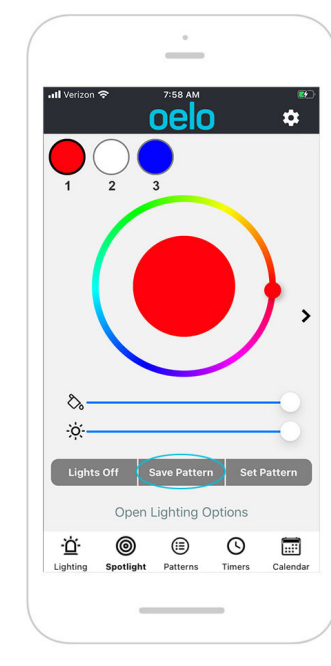
STEP 4: Once you have your LEDs set, tap **SAVE** to save your custom spotlight(s).



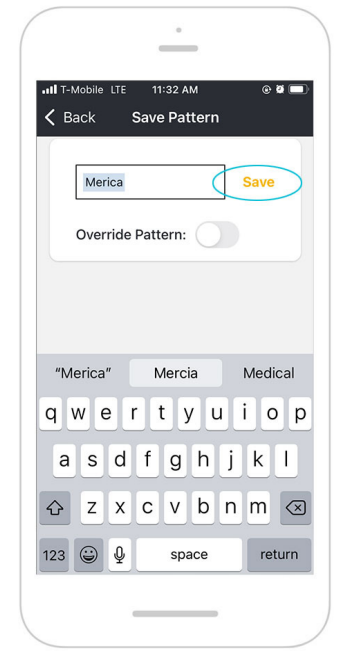
STEP 3C: Set the **GAP BETWEEN PATTERNS** to create blank gaps between your lighting pattern strands. (Available on **TWINKLE**, **SPRINKLE** or **STREAK** modes.)



STEP 3D: Set the **PAUSE OF PATTERN** to create a pause between fades. (Available on **FADE** mode.)



STEP 4: Tap the back button to return to the main screen to set your colors. Tap **SAVE PATTERN** to save your pattern into the **SAVED PATTERNS** menu.



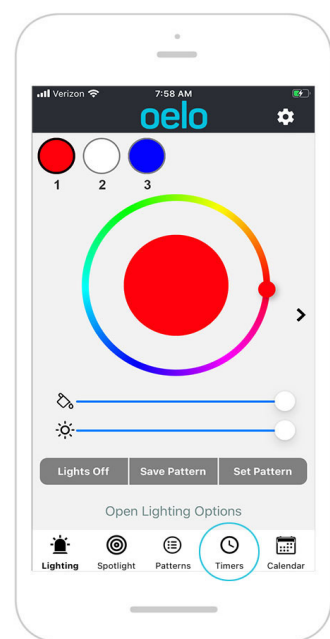
STEP 5: Name your pattern and tap **SAVE**. Toggle **OVERRIDE PATTERN** to override a previously set pattern.

TIMERS

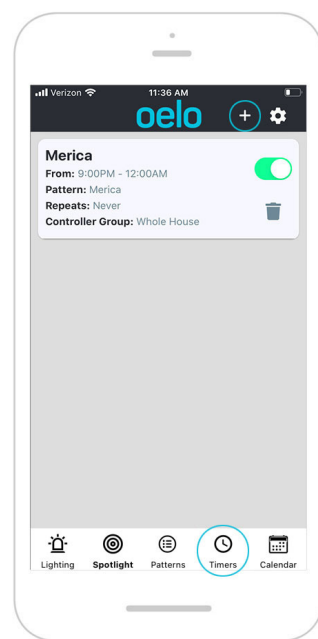
Tap the **TIMERS** clock icon at the bottom of your phone to set a new timer, edit a pre-existing timer or to select a previously saved timer.

PRE-BUILT PATTERNS

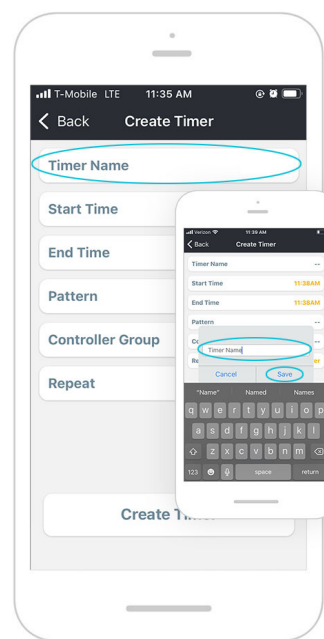
SETTING THE TIMER FOR YOUR OELO LIGHTING:



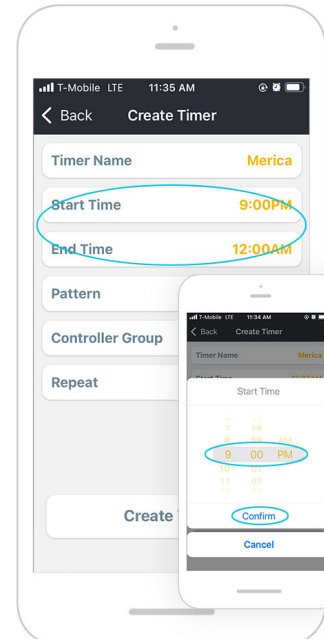
STEP 1: From the home screen, tap **TIMERS** at the bottom of your screen. (Set and save your pattern first.)



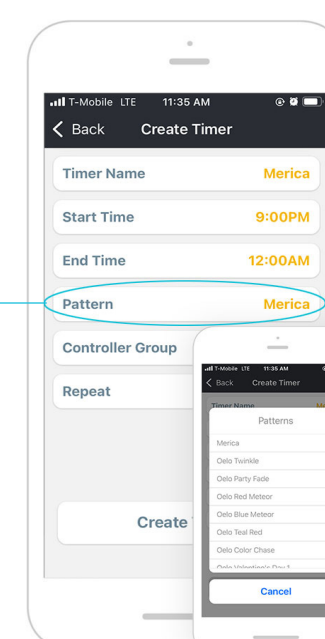
STEP 2: Tap **PLUS (+)** at the top of the screen to create a new timer.



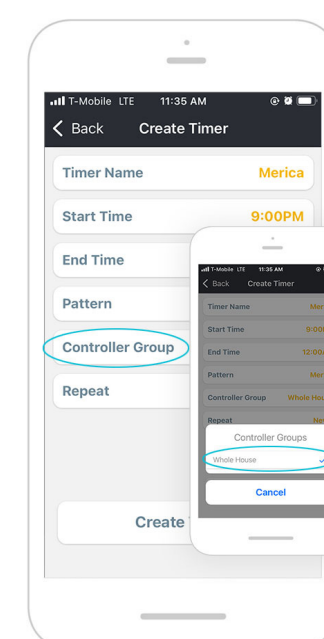
STEP 3: Tap **TIMER NAME** to name timer. Enter name and tap **SAVE**.



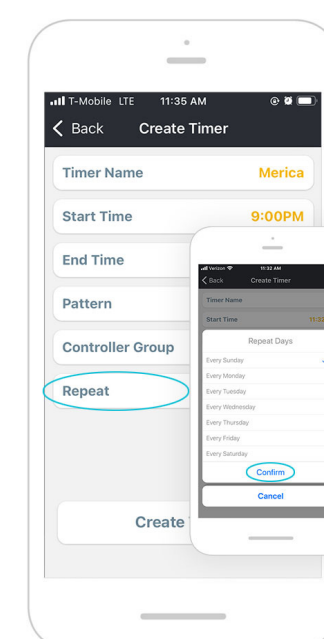
STEP 4: Tap **START TIME** and **END TIME** to set the times you want your pattern to display. Tap **CONFIRM** to set.



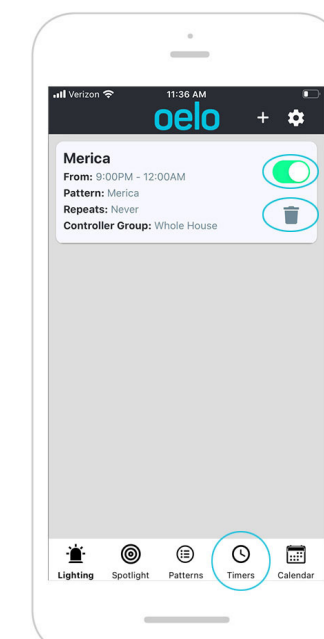
STEP 5: Tap **PATTERN** and select the pattern you want to display. (The pattern must be created first. View **LIGHTING MODES Page 11**.)



STEP 6: Tap **CONTROLLER GROUP** and select the controller group you want to display. (The controller group must be created first. View **Page 7, Step 4**.)



STEP 7: Tap **REPEAT** if you want to assign the timer certain days of the week. Select day(s), then tap **CONFIRM** then **CREATE TIMER** to save.



STEP 8: Toggle the timer on or off. Tap **TRASH** can to delete.

EACH OELO SYSTEM IS RATED FOR 100,000 HOURS OF USE
THE EQUIVALENT OF 22 YEARS OF NIGHTLY 12-HOUR GLOW!

OELO PRE-BUILT PATTERNS

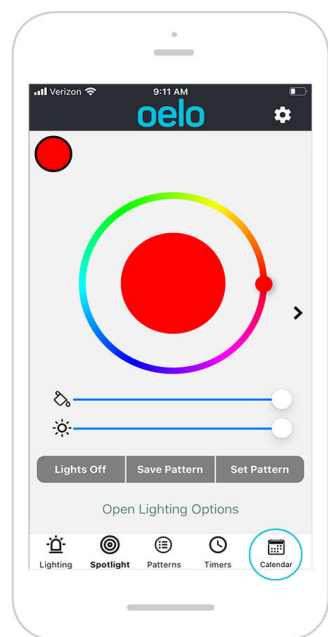


Oelo provides multiple pre-built patterns for those who don't want to create their own custom light sequences. Look for the patterns named "Oelo" for these pre-made combinations.

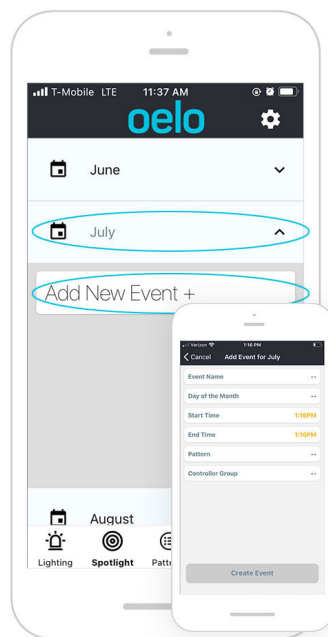
CALENDAR

Save the Date with Oelo's **CALENDAR** feature. Set your lighting sequences in advance and schedule the day, week or month you would like it to display.

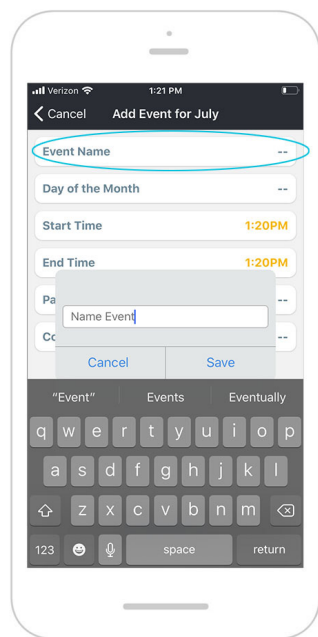
SCHEDULING YOUR OELO LIGHTING:



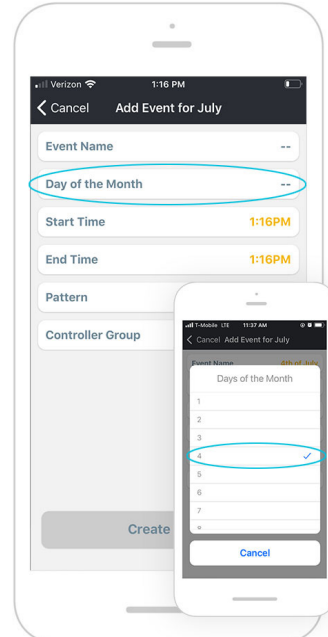
STEP 1: From the home screen, tap **CALENDAR** at the bottom of your screen. (Patterns must be saved first.)



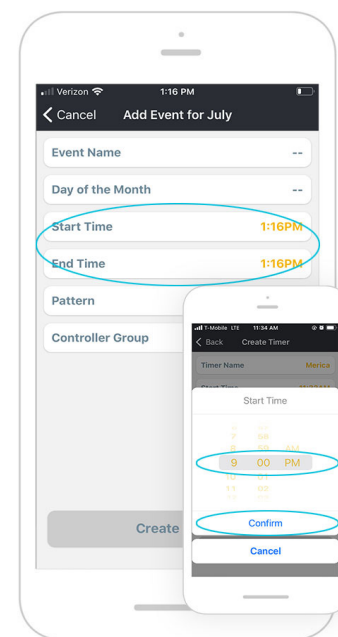
STEP 2: Tap the **MONTH** you want the pattern to display, then tap **ADD NEW EVENT** to bring up calendar options.



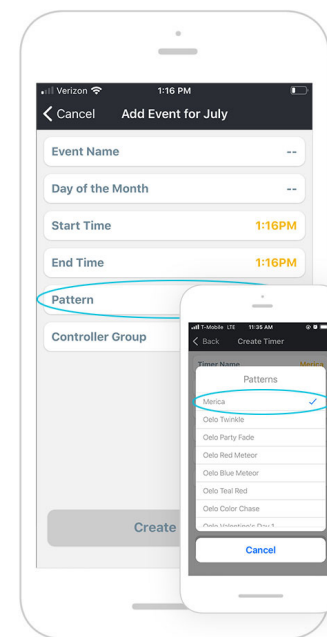
STEP 3: Tap **EVENT NAME** to name the event. Enter name and tap **SAVE**.



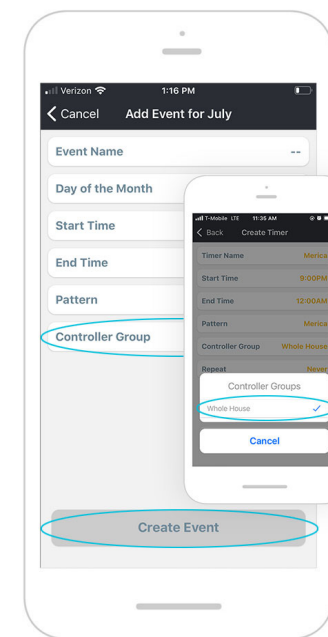
STEP 4: Tap the **DAY OF MONTH** to schedule the day you want your pattern to display.



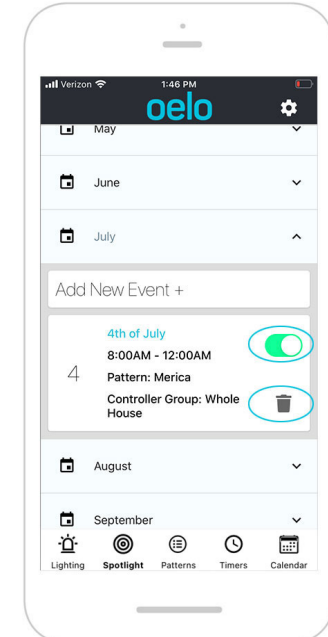
STEP 5: Tap **START TIME** and **END TIME** to set the times you want your pattern to display. Tap **CONFIRM** to set.



STEP 6: Tap **PATTERN** and select the pattern you want to display. (Pattern must be created first. View **LIGHTING MODES Page 11**).



STEP 7: Tap **TIMER NAME** to name the timer. Enter name and tap **SAVE**.




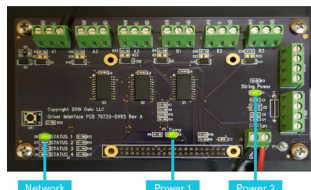
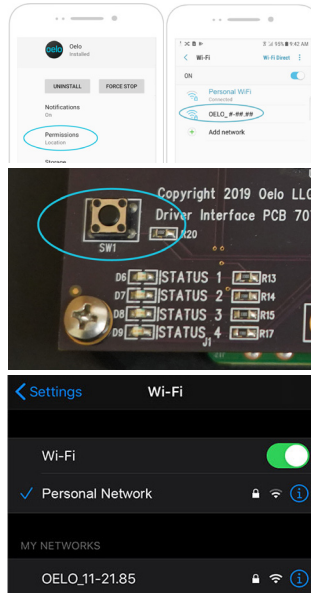
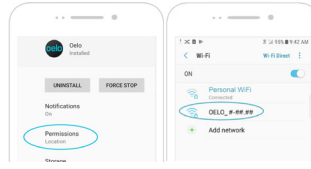
STEP 8: Toggle event on or off. Tap **TRASH** to delete.



GENERAL TROUBLESHOOTING SOLUTION GUIDE

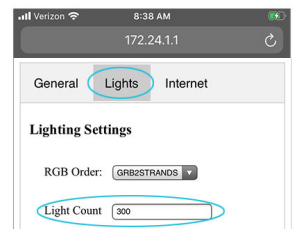
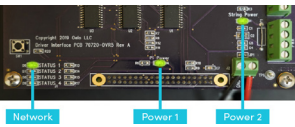
CONNECTION TROUBLESHOOTING

Solution	To Remedy
Check Controller Status	In the Oelo App, tap the top right settings icon
Checking app permissions	<ol style="list-style-type: none"> Navigate to your phone's SETTINGS > APPS > OELO APP > PERMISSIONS. Allow the Oelo App access to the LOCATIONS, NETWORK and DATA. Relaunch the Oelo App and follow the Initial Setup Steps on Page 3.
Connect Control Unit to personal WiFi	In your phone settings, click " WiFi ", locate and change to your personal WiFi network. Make sure to input your WiFi's password correctly.
Connect Control Unit to Oelo WiFi	Go to your phone settings, click " WiFi " and change to " OELO_## " using the password you set, or the factory default password of " 12345678 ". <ol style="list-style-type: none"> If you have changed the Oelo WiFi password before and don't remember, you will have to factory reset your Oelo System.
Delete timers	<ol style="list-style-type: none"> Tap the TIMER tab at bottom of home screen, click trash icon next to timer you wish to delete. Create a new timer and verify that the system is working as intended.
Disconnect your Oelo System from power	<ol style="list-style-type: none"> Flip the breaker associated with the Oelo System. Flip the breaker back on and test that your lights turn on and off.
Factory reset the Control Unit	<ol style="list-style-type: none"> On the Control Unit above the Status 1 Light, hold the SW1 BUTTON for 25 seconds. Let the system reboot for 10 minutes before attempting to reconnect. Stand near the Control Unit while looking for Oelo WiFi "OELO_##" on your phone's WiFi network. Use the default password of "12345678" to connect. Relaunch the Oelo App and follow the initial setup steps on Page 3. 
Run Initial Startup	<ol style="list-style-type: none"> Stand near your Oelo Control Unit while searching for the Oelo WiFi "OELO_##" on your phone's network. Connect using your Oelo WiFi password (if changed) or the default password "12345678." <ol style="list-style-type: none"> If you don't remember your password, you will have to factory reset your Oelo System. Retry WiFi SETUP Steps 1-6 on Page 4-5. In your phone settings, click "WiFi", locate and change back to your personal WiFi network. Make sure to input your WiFi's password correctly.
Power cycle the unit (Power cycling is the act of turning a piece of equipment on and off).	<ol style="list-style-type: none"> Unplug your Oelo Control Box If Step A does not work, unplug unit for 5 minutes then plug it back in. If Step A and B do not work, flip your breaker to reboot the system.
Restart your Oelo App	Close your Oelo App and reopen it. If that does not work, delete app from phone. Search "OELO" to re-download the OELO ANYWHERE App from the Apple App Store or Google Play Store.
Reset your System	<ol style="list-style-type: none"> Turn off your system and unplug it for 10 minutes. If Step A does not work, flip the breaker that your system is connected to.
Select a new RGB order	<ol style="list-style-type: none"> Go to your phone settings, click "WiFi" and change to "OELO_##" using the password you set, or the factory default password of "12345678". Open browser and enter http://172.24.1.1/. Click on lights, change RGB ORDER to another option on the dropdown list.
Update light count in the Oelo App	<ol style="list-style-type: none"> In the CUSTOMER FOLDER provided to you when you received your system, you will find your total light count. Go to your phone settings, click "WiFi" and change to "OELO_##" using the password you set, or the factory default password of "12345678". Open browser and enter http://172.24.1.1/. Click on lights, enter LIGHT COUNT.
Verify that your Control Unit is working properly	A working Oelo System will have 3 lights on inside the Control Unit. If these 3 lights are not illuminated, see Initial Startup Solution .

Issue	Solution
Control unit does not connect to Oelo App	Run through startup Open your phone settings and make sure your phone Bluetooth is on. <ol style="list-style-type: none"> Retry WiFi SETUP Steps 1- 6 on Page 4-5. Check that the Control Unit lights are illuminated.
I have 0 lights showing on the control unit	0 lights means that the outlet is not connected to power. To remedy: <ol style="list-style-type: none"> Power cycle the unit. If Step A does not work, unplug unit for 5 minutes then plug it back in. If Step A and B do not work, flip your breaker to reboot the system. If 2 lights do not turn on, fill out our online form at www.oelo.com/troubleshooting-control-unit-phone/#form. 
I have 2 lights showing on the Control Unit	2 lights indicate power, but no connection to the internet. To remedy: <ol style="list-style-type: none"> Stand near the unit while looking for Oelo WiFi "OELO_##" on your phone's network. <ol style="list-style-type: none"> The Oelo App needs to have LOCATION, NETWORK and CELLULAR DATA allowed in your phones settings for the Oelo WiFi to appear. Navigate to your phones SETTINGS > APPS > OELO APP > PERMISSIONS. If you have changed the permission, and the Oelo WiFi is not appearing, uninstall and reinstall the Oelo App. In your phone settings, connect to Oelo WiFi "OELO_##" using the factory default password of "12345678". <ol style="list-style-type: none"> If you have changed the Oelo WiFi password before and don't remember, you will have to factory reset your Oelo System. On the Control Unit above the Status 1 light, hold the SW1 BUTTON for 25 seconds. Let the system reboot for 10 minutes before attempting to reconnect. Repeat steps A-B. In your phone settings, click "WiFi", locate and change to your personal WiFi network. Make sure to input your WiFi's password correctly. If 3 lights do not turn on, fill out our online form at www.oelo.com/troubleshooting-control-unit-phone/#form. 
I have 3 lights showing on the Control Unit	3 lights indicate that the Control Unit is powered and has a network setup. The system is working as intended. If you have 3 lights showing on the Control Unit, the problem is not a connectivity issue.
Cannot connect Control Unit to personal WiFi	Run Initial Startup (Page 3) <ol style="list-style-type: none"> Stand near your Oelo Control Unit while searching for the Oelo WiFi "OELO_##" on your phone's network. Connect using the default password of "12345678." In your phone settings, click "WiFi", locate and change to your personal WiFi network. Make sure to input your WiFi's password correctly. Locate and change to your personal WiFi network. Input your WiFi's password correctly. If you have followed these instructions and your system is still not working please fill out our online form at www.oelo.com/troubleshooting-control-unit-phone/#form. 


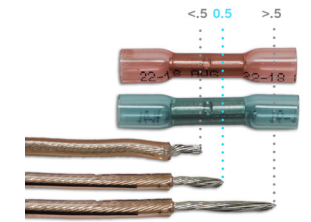

CONTROLLER NOT FOUND

WiFi CONNECTION

LIGHTS TROUBLESHOOTING	
Issue	Solution
My lights don't turn on	<p>Solution 1: Reset your system</p> <p>If you have not used your Oelo System frequently, it may need a restart.</p> <ol style="list-style-type: none"> Turn off your system and unplug it for 10 minutes. If Step A does not work, flip the breaker that your system is connected to.
	<p>Solution 2: Update light count in the Oelo App</p> <p>If there is an incorrect light count in your Oelo App, it may cause the lights to display incorrectly.</p> <ol style="list-style-type: none"> In the CUSTOMER FOLDER provided to you when you received your system, you will find your total light count. Go to your phone settings, click "WIFI" and change to "OELO_##" using the password you set, or the factory default password of "12345678". Open browser and enter http://172.24.1.1/. Click on lights, enter LIGHT COUNT.
	<p>Solution 3: Verify that your Control Unit is working properly</p> <p>A working Oelo System will have 3 lights on inside the Control Unit. If these 3 lights are not illuminated, see Page 16 Run Initial Startup to correct the error.</p>
My lights won't shut off	<p>Solution 1: Restart your Oelo App</p> <p>Close your Oelo App and reopen it, attempting to turn the lights off.</p>
	<p>Solution 2: Switch to the Oelo App WiFi</p> <ol style="list-style-type: none"> Connect Control Unit to Oelo WiFi Return to the Oelo App, attempt to turn off the lights. Return to your phone settings, click WIFI, and switch back to your own personal WiFi network.
	<p>Solution 3: Factory reset your Oelo System, then attempt to turn off the lights.</p>
	<p>Solution 4: Disconnect your Oelo System from power</p>
Only a portion of my lights respond	<p>Solution 1: Update Light Count in the Oelo App</p>
	<p>Solution 2: Factory reset your Oelo System, then attempt to turn off the lights.</p>
One or more LEDs won't turn on	<p>Solution 1: Update Light Count in the Oelo App</p> <p>If there is an incorrect light count in your Oelo App, it may cause the lights to display incorrectly.</p>
	<p>Solution 2: Replace the LED(s). See Page 19.</p> <ol style="list-style-type: none"> Before touching the system at all, UNPLUG THE CONTROL UNIT FROM THE OUTLET! Familiarize yourself with the listed needed materials: <ol style="list-style-type: none"> New section of Light String, 6 Butt Connectors (4 Blue, 2 Pink), Wire Cutters, Wire Strippers, Wire Crimpers, Butane Torch, Electrical Tape, Ladder To request a section of Light String and Butt Connectors, please fill at www.oelo.com/troubleshooting-control-unit-phone/#form, using the Comment Section to note your needs.) Locate ACRYLIC or ALUMINUM instructions based on your Oelo cover type. Reference your installation manual at https://www.oelo.com/resources/manuals/ for detailed instructions, then complete the listed steps. <ol style="list-style-type: none"> Click to download ACRYLIC INSTALLATION MANUAL Click to download ALUMINUM INSTALLATION MANUAL
	<p>Timer still functions after being deleted</p>
The lights display a different color than what was selected	<p>Solution: Select a new RGB order</p>

Cover

ACRYLIC COVER






Solution: Replace LED

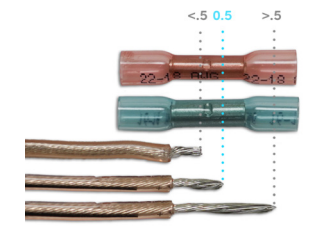

CONFIRM THAT THE SYSTEM IS UNPLUGGED AND NOT POWERED!

- Mark the section of lights that are not turning on.
- Remove the Endcap and Lens Covers. Take the section you are replacing out of the Cover and let it hang.
- Using Wire Cutters, cut the Light Strand at the start and end of the non-working section.
 - Using Wire Strippers, strip the Light Strand **GND, S** and **+VCC** wires, showing 0.5 inches of exposed wiring.
- Make sure that the new Light Strand's arrow is facing the same direction as the rest of the system (away from the control unit).
- Following the diagram on left, insert the ends of the 2 Light Strands into Butt Connectors, connecting:
 - GND to GND** using a **BLUE CONNECTOR**
 - S to S** using a **PINK CONNECTOR**
 - +VCC to +VCC** using a **BLUE CONNECTOR**
- Crimp the Butt Connectors on the indented center line, making a strong physical connection between the 2 Light Strands.
- Use a Butane Torch to shrink the Butt Connectors. To avoid burning the Butt Connectors, distribute the heat evenly at a steady speed. Stop when you see glue coming out of the seams of the connector.
- Use Electrical Tape to wrap around the new connection for even more protection.
- Repeat Steps **C-I** for as many new connections as necessary.
- Verify that the new connections work by turning on your system. If the section is still not working, please fill out our online form at www.oelo.com/troubleshooting-control-unit-phone/#form.
- Insert the Light Strand back into the Cover, snap on Lens and Endcaps, and enjoy your working Oelo System!

ALUMINUM COVER

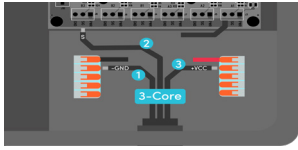
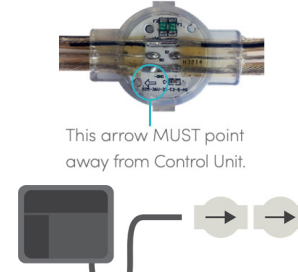


I have an Aluminum cover

CONFIRM THAT THE SYSTEM IS UNPLUGGED AND NOT POWERED!

- Mark the section of lights that are not turning on.
- Unscrew the Cover pertaining to the section of Lights. Take the section you are replacing out of the Cover.
- Using Wire Cutters, cut the Light Strand at the start and end of the non-working section.
 - Using Wire Strippers, strip the Light Strand **GND, S** and **+VCC** wires, showing 0.5 inches of exposed wiring.
- Make sure that the new Light Strand's arrow is facing the same direction as the rest of the system (away from the control unit).
- Following the diagram on they left, insert the ends of the 2 Light Strands into Butt Connectors, connecting:
 - GND to GND** using a Blue Connector
 - S to S** using a Pink Connector
 - +VCC to +VCC** using a Blue Connector
- Crimp the Butt Connectors on the indented center line, making a strong physical connection between the 2 Light Strands.
- Use a Butane Torch to shrink the Butt Connectors. To avoid burning the Butt Connectors, distribute the heat evenly at a steady speed. Stop when you see glue coming out of the seams of the connector.
- Use Electrical Tape to wrap around the new connection for even more protection.
- Repeat Steps **C-I** for as many new connections as necessary.
- Verify that the new connections work by turning on your system. If the section is still not working, please fill out our online form at www.oelo.com/troubleshooting-control-unit-phone/#form.
- Insert the Light Strand back into the Cover, screw the Cover back into its section, and enjoy your working Oelo System!

Issue	Solution
<p>Connecting the 3-Core Wire to Control Unit</p> 	<p>Before continuing, make sure you have read the installation manual.</p> <ol style="list-style-type: none"> Insert the -GND 3-Core Wire to the BLACK CONDUCTOR. Clamp the Conductor down. Insert the S 3-Core Wire to any SIG Port. Use a screwdriver to secure the wire into the Port. Insert the +VCC 3-Core Wire to the RED CONDUCTOR. Clamp the Conductor down. <p>Note: Make sure there is no wiring left exposed when the Conductors are clamped down.</p>
<p>Facing the output arrow in the right direction</p> 	<p>Before continuing, make sure you have read the installation manual. https://www.oelo.com/resources/manuals/</p> <ol style="list-style-type: none"> Check your connections to verify that the output arrow, located on each Light Puck, is pointing AWAY from the Control Unit. If the arrow is not pointing away from the Control Unit, you will have to cut out that Light Strand section and reverse the orientation. You can learn how to cut out a Light Strand Page 19: Replace LED. After verifying that all arrows are facing the correct direction, test the system.
<p>Installing Jumper Core Cables</p>	<p>Before continuing, make sure you have read the installation manual. https://www.oelo.com/resources/manuals/</p> <ol style="list-style-type: none"> Strip the Light Strand's "S" and "VCC" wires. Strip the 3-Core Jumper Cable's "GND", "S" and "VCC" wires. Using Butt Connectors, insert the wires, connecting GND-GND, S-S and VCC-VCC. Crimp the Butt Connectors on the center silver line. Using a Butane Torch, apply heat to the connectors, shrinking them evenly. Repeat steps A-E on the other end of the Jumper Cable with a new Light Strand and continue wiring.

CONTROL BOX WIRING

Material	Reference Link
MANUALS	<p>Acrylic Installation Manual</p> <p>https://www.oelo.com/wp-content/uploads/2022/01/OELO_Acrylic_InstallationManual-36VSystem-copy.pdf</p>
	<p>Aluminum Installation Manual</p> <p>https://www.oelo.com/wp-content/uploads/2022/01/OELO_Cover_InstallationManualAluminum-36VSystem-1.pdf</p>
	<p>Oelo Anywhere App User Guide</p> <p>https://www.oelo.com/resources/cloud-based-anywhere-app-manual/</p>
OELO APP	<p>Access Oelo Network</p> <p>Connect Control Unit to Oelo WiFi Open browser and enter http://172.24.1.1/</p>
	<p>Oelo Desktop App</p> <p>https://www.app.oelo.com/ Use same credentials as Page 6.</p>
CONTACT	<p>Troubleshooting Support Form</p> <p>www.oelo.com/troubleshooting-control-unit-phone/#form.</p>
	<p>Phone</p> <p>(970) 212-3670</p>
	<p>Email</p> <p>lightyourspace@oelo.com</p>

If your system is still not functioning after following solution instructions, please fill out our online troubleshooting form at

www.oelo.com/troubleshooting

to report your issue and our technical team will contact you during the time specified to further troubleshoot.



Software security

- () Controller(s): Uses openssl 1.1.d software, supporting TLS 1.2 and up
- () Credentials: Handled by Amazon Web Services (AWS) Cognito User Pool
- () Data: Username, email and phone stored locally; only cloud-stored data is username and email on servers located in Virginia with 20-second timeout



OELO ANYWHERE APP USER MANUAL

oelo

PERMANENT HOLIDAY LIGHTS

www.oelo.com | 970.212.3670 | 3842 Redman Dr., Fort Collins, CO
User Manual was last updated 10.22, ©2022 Oelo