



# TELOS Growcast Controller User Guide

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# Telos®

**TELOS Growcast Controller**



## Product Information

The product mentioned in the user manual is a Telos device that utilizes Telos Mesh technology for controlling lighting schedules. It is specifically designed for managing Grow Lights and comes with unique features like Network Lock mode for enhanced privacy and control over the devices. The Telos product is covered under a two-year warranty, ensuring free repair or replacement in case of manufacturing defects.

## Product Usage Instructions

### Applying a Schedule

1. Select the "Schedule" page from the bottom menu to create and manage lighting schedules.
2. Name your schedule and use the scroll wheels to set the on and off time. Optional sunrise/sunset settings are available.
3. Once confirmed, go to the "Grow Lights" page, select the desired light, and press "apply schedule" to set the previously created schedule.

### Network Lock Mode Activation

Network Lock is a feature that enhances privacy and control over Telos lights and mesh network when using Telos Mesh technology. To activate Network Lock mode:

1. Make a manual adjustment on the Growcast touch sensor.
2. With Network Lock mode activated (status LED has purple glow), tap 5 times in succession on the touch sensor.
3. The status LED should revert to "blue," indicating successful de-activation of Network Lock mode.

### App Setup

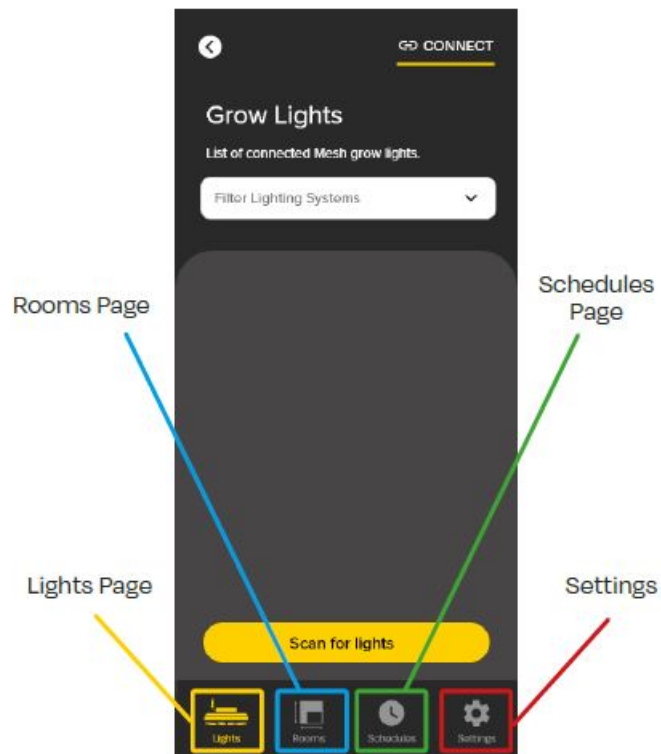
1. Open the Telos app and select 'Create network'.



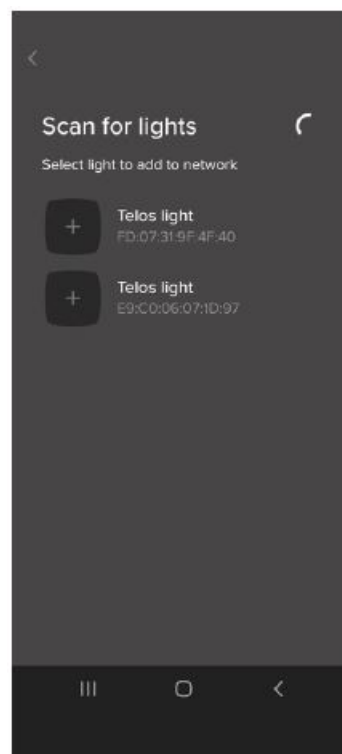
2. Enter a network name and select "Private" mode (cloud mode is currently in development.).

The image shows the "Create a new network" screen in the TELOS app. It has a dark background with a back arrow icon in the top left corner. The title "Create a new network" is at the top, followed by the instruction "Add a network name, select a network type." Below this is a text input field labeled "Name". There are two selectable options: "Private" and "Cloud". The "Private" option is highlighted with a white border and contains the text: "Saves all Mesh keys & settings to the device. Simplest network type but will require manual recovery if device is lost or app is deleted." The "Cloud" option contains the text: "Saves all Mesh keys & settings to the cloud. This is the best option for using multiple devices and easy network recovery." Below these options are text input fields for "Email" and "Password". At the bottom, there is a yellow rounded rectangular button with the text "Complete".

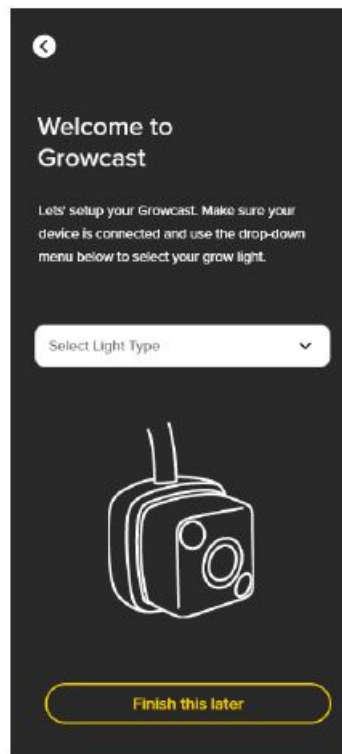
3. Press 'Scan for lights'. Make sure that the Growcast itself is in Bluetooth pairing mode (flashing blue).



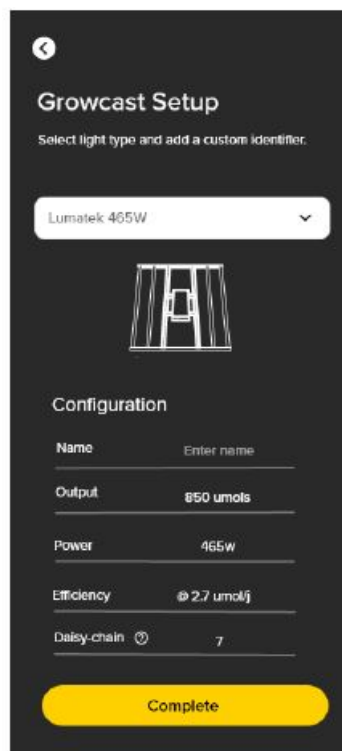
4. Select a "Telos light" from the scan list to start the provisioning process. If provision fails, see troubleshooting.



5. Select which type of light is connected to the Growcast. Select "other" if your light is not preconfigured.

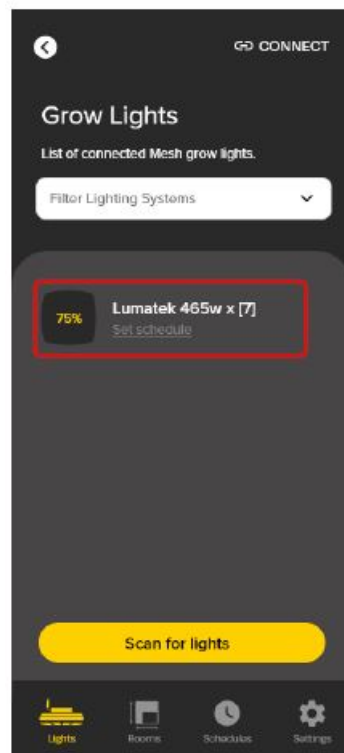


6. The page will now display the specifications for your selected light. If “other” was selected, these will need input manually.

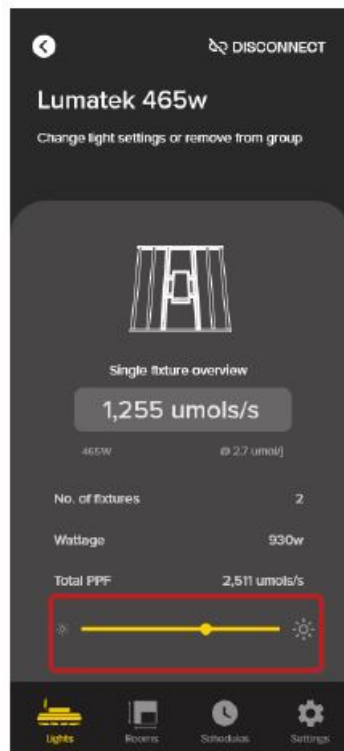


## Setting the PPF Output

1. To adjust the PPF intensity of your Mesh controlled lights. Simply click into your connected growcast.



2. Use the scroll bar to change the PPF output between 0-100%.

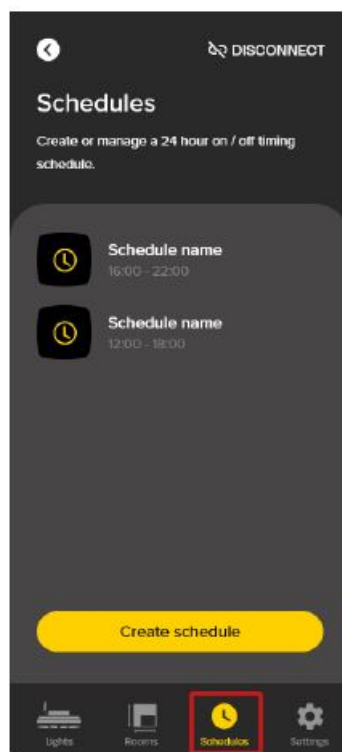


3. Alternatively, enter the desired PPF setting directly in the input box.



## Applying a Schedule

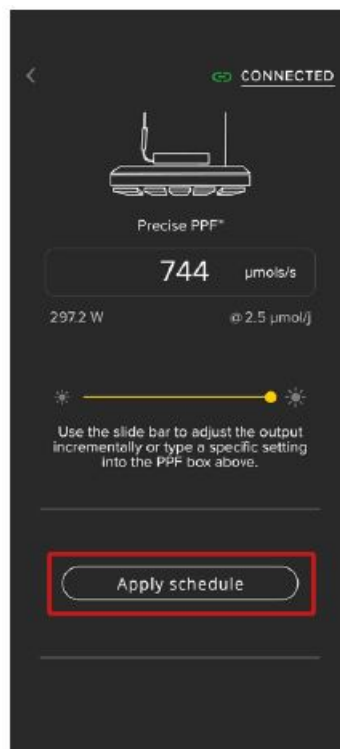
1. Select the Schedule page from the bottom menu to create and manage the lighting schedules.



2. Name your schedule and use the scroll wheels to set the on & off time. Optional sunrise/sunset is available.



- Once confirmed. Select the light from the Grow Lights page then press 'apply schedule' to set the previously created schedule.



## Network Lock Mode

### Activation

- Network Lock is a unique feature that puts the user in control of the privacy of their devices when using Telos Mesh technology.
- Once enabled, Network Lock stops the Mesh hardware from sending public Bluetooth advertising packets; hiding your Telos lights and mesh network from anyone in the nearby area searching for Bluetooth devices.



## De-activation

- To deactivate Network Lock mode you must make a manual adjustment on the Growcast touch sensor.
- With Network Lock mode activated (status LED has purple glow) tap 5 times in succession on the touch sensor. The status LED should revert to 'blue' and you will be able to reconnect to the light through the Telos Mesh app.

## Trouble Shooting

- **Q:** My Growcast has failed to provision.
- **A:** If your Growcast repeatedly fails to provision, it's likely that it's already added to another network. Simply follow the hardware reset steps and then attempt to provision again. The status LED must be flashing blue when provisioning a growcast.
- **Q:** My Growcast keeps disconnecting from the app.
- **A:** Unlike a paired Bluetooth device that will automatically reconnect when in range, when you go out of range of the Growcast or close the app it will disconnect but not reconnect which can make the disconnections more obvious. If your device repeatedly disconnects and you haven't left the room then try repositioning the device to ensure a better connection.
- **Q:** Blue status light has 'disappeared'.
- **A:** This is normal functionality for a Growcast in a scheduled 'off' period as blue light could interrupt the plants dark cycle. You should be able to see a repeating green flash indicating that the schedule is still active.

For more in-depth trouble shooting, detailed instructional guides can be found on the Telos YouTube channel. Further questions? Don't hesitate to contact us!

## Warranty

### Warranty Information

- This Telos product will be free from defects in manufacturing or workmanship for a period of two years from the date of purchase. If the product is found to have a defect during this time then Telos will repair the product free of charge. If a repair is not feasible then a replacement product will be provided.
- This warranty does not cover faults or damage occurring from abuse or misuse or normal wear and tear or cosmetic issues arising from normal wear and tear. This includes incorrect installation of the product, use with a non-compatible lighting fixture or other unintended use.
- For warranty support please contact Telos at [info@teloslighting.co.uk](mailto:info@teloslighting.co.uk).

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Documents / Resources

	<a href="#">TELOS Growcast Controller</a> [pdf] User Guide Growcast Controller, Growcast, Controller
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Manuals+.