

TREEGERS

GROWCAST

Telos Mesh Quick
Start Guide

Powered by
TELOS



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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.).

◀

Create a new network

Add a network name, select a network type.

Name

Private

Saves all Mesh keys & settings to the device.
Simplest network type but will require manual recovery if device is lost or app is deleted.

Cloud

Saves all Mesh keys & settings to the cloud.
This is the best option for using multiple devices and easy network recovery.

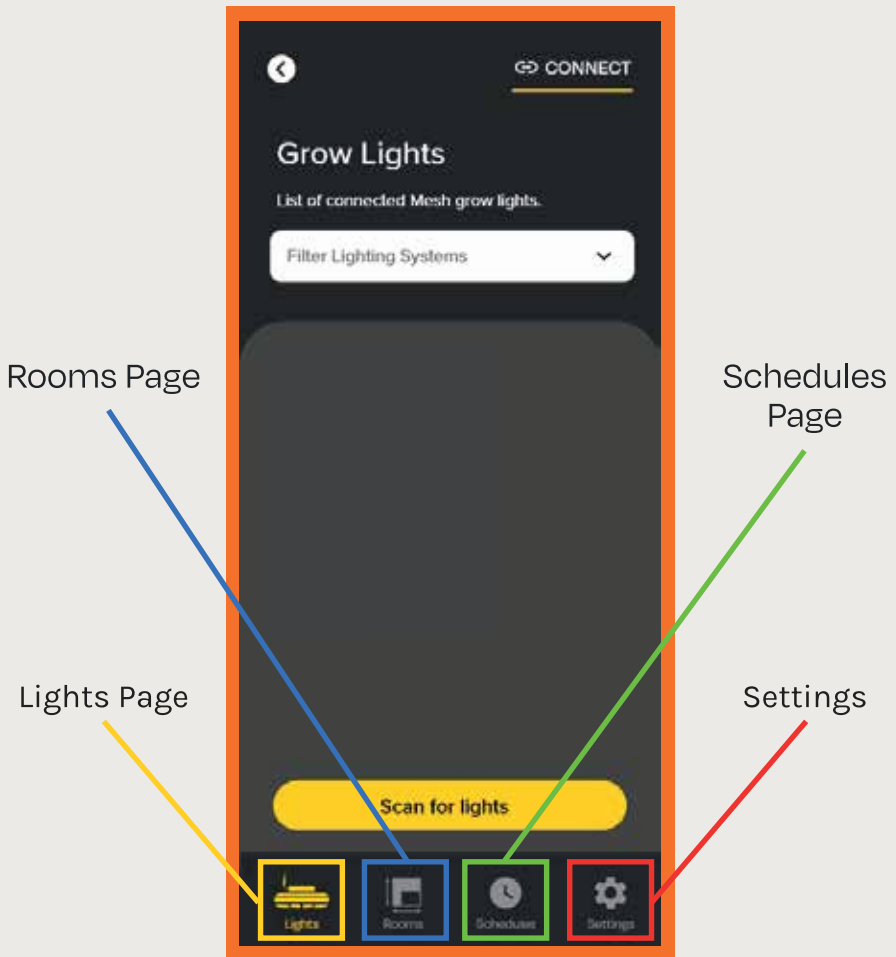
Email

Password

Complete

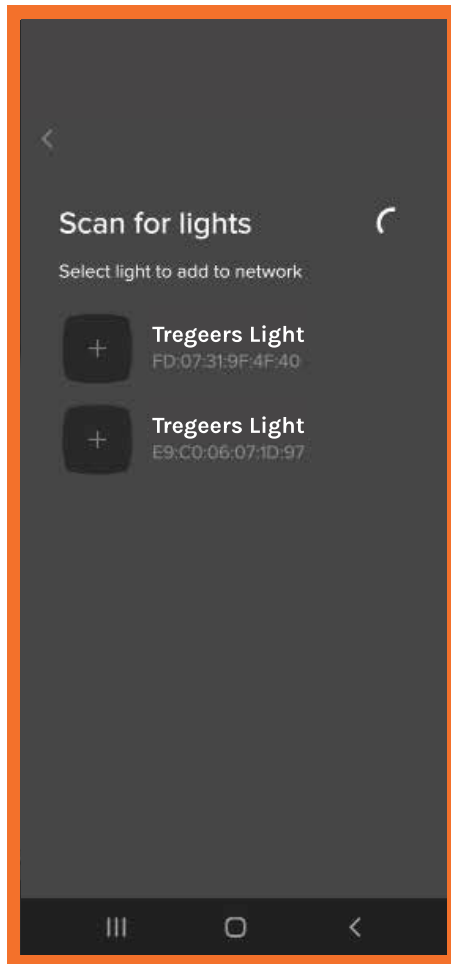
3

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



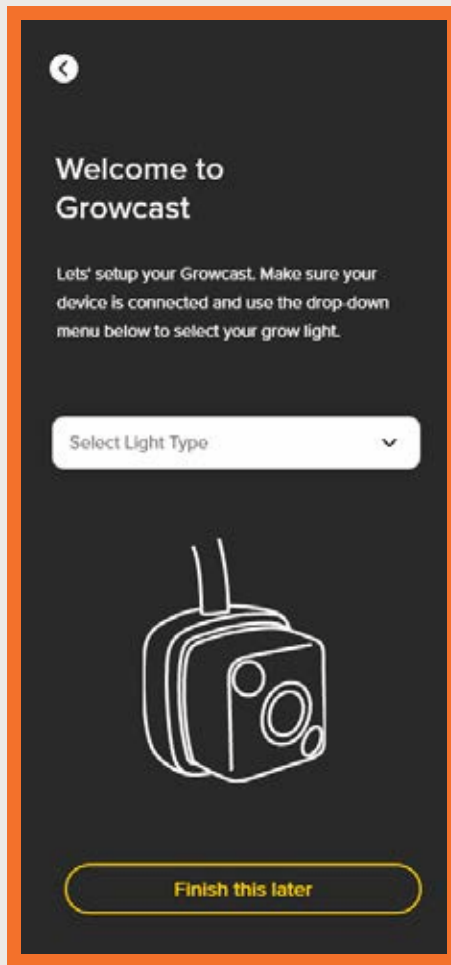
4

Select a “Grow light” from the scan list to start the provisioning process. If provision fails, see troubleshooting.



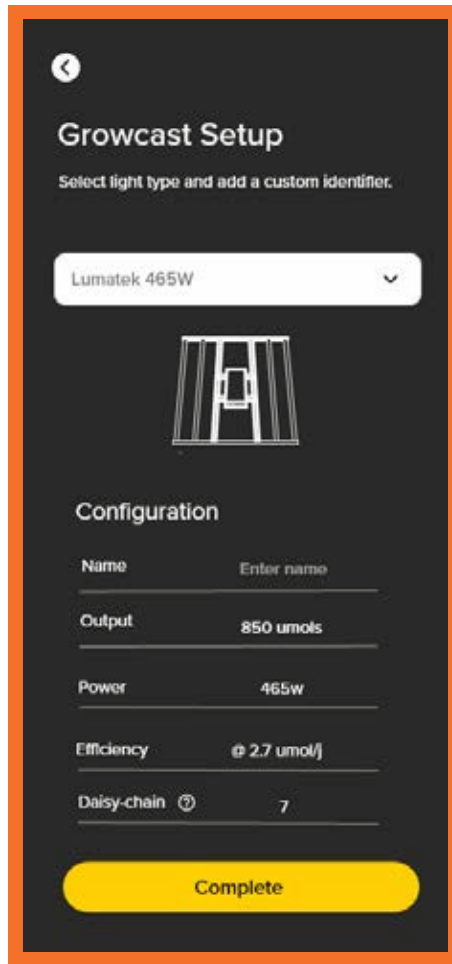
5

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.



The screenshot shows a mobile application interface for setting up a grow light. At the top, there is a back arrow icon and the title "Growcast Setup". Below the title is the instruction "Select light type and add a custom identifier." A dropdown menu is set to "Lumatek 465W". Below this is a line-art icon of a grow light fixture. The "Configuration" section contains several rows, each with a label on the left and a value on the right, separated by a horizontal line. The rows are: Name (with "Enter name" as a placeholder), Output (850 umols), Power (465w), Efficiency (@ 2.7 umol/j), and Daisy-chain (7, with a help icon). At the bottom is a large yellow button labeled "Complete".

Configuration	
Name	Enter name
Output	850 umols
Power	465w
Efficiency	@ 2.7 umol/j
Daisy-chain ⓘ	7

Complete

Warranty Information

This Treegers Growcast 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 Treegers 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 Treegers at **support@treegers.com**

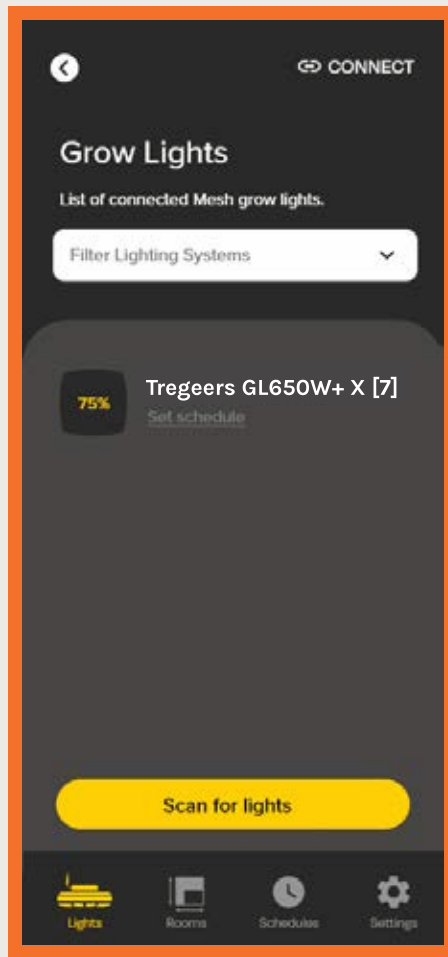
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Setting the PPF Output

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.



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 lights and mesh network from anyone in the nearby area searching for Bluetooth devices.

De-activation

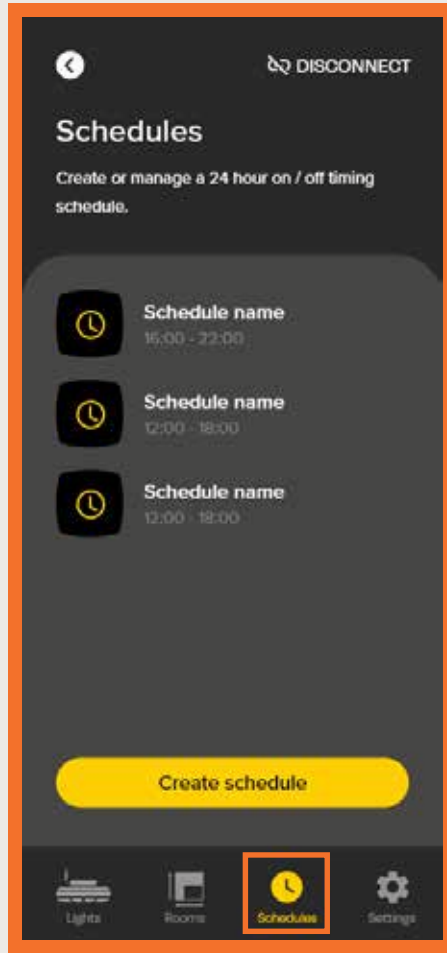
To deactivate Network Lock mode you must make a manual adjustment on the Growcast touch sensor.

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.

Applying a Schedule

1

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



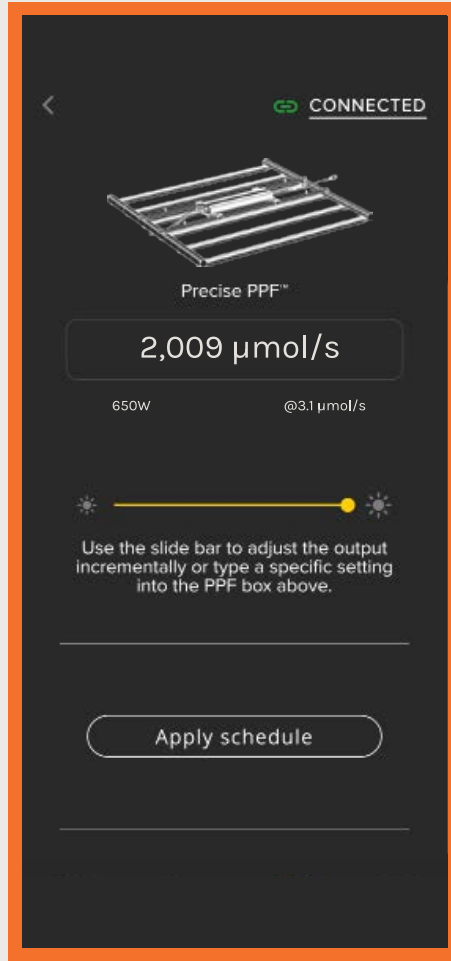
2

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

The screenshot shows the 'Edit Schedule' screen in a mobile application. At the top, there is a back arrow on the left and a 'DISCONNECT' button on the right. The title 'Edit Schedule' is centered, with a three-dot menu icon to its right. Below the title is the instruction 'Set a 24 hour on / off timing schedule.' A text input field labeled 'Name of schedule' is positioned below the instruction. The main section contains two columns of scroll wheels for setting 'Start time' and 'End time'. The 'Start time' column shows three options: 03:15, 04:30 (which is selected), and 05:45. The 'End time' column shows three options: 12:00, 13:15 (which is selected), and 14:30. Below the scroll wheels, the text '18 Hours On / 6 Hours Off' is displayed. A checkbox labeled 'Simulate sunrise and sunset' is currently unchecked. At the bottom of the form is a large yellow 'Confirm' button. The bottom navigation bar features four icons: 'Lights', 'Rooms', 'Schedules' (which is highlighted in yellow), and 'Settings'.

3

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



Trouble Shooting

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.

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.

For more in-depth trouble shooting, detailed instructional guides can be found on the **Telos or Treegers YouTube channel**.

Further questions? Don't hesitate to contact us!