



lynk
LIGHTCONTROL

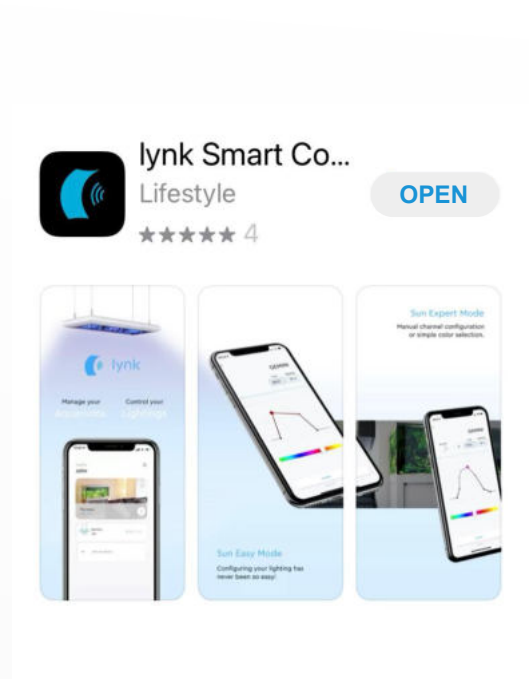


INSTRUCTION MANUAL

THE INSTALLATION

First download the Giesemann **lynk WI-FI app** from the Apple App Store or Google Play Store.

The control is also possible with a Mac (M processor)

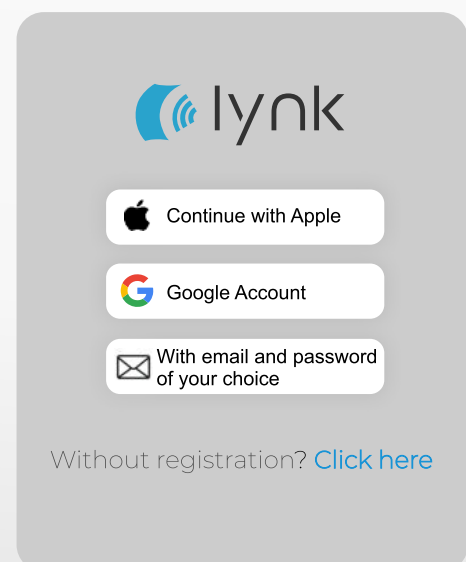


THE REGISTRATION

After starting the app on your Smart Device, various options are available for registration in order to benefit from extended functions and configurations.

Here you can log in in a few steps with your known accounts at Apple or Google simply via Touch ID or also alone with your email address and a password to be freely assigned here.

Alternatively, the app can also be used without special registration.



Messages

Shares: To establish a network connection to your device, the app requires the release for network search, access to your local network and to your location.

No data will be stored! For the setting and control of your devices by the app, various settings are required, each of which must be confirmed for the first time in the app to ensure successful communication with the app. Permission is basically requested only once and for the first use.

Please allow these permissions in the respective queries.

All settings made here can be changed manually at any time later .

Allow Bluetooth:

Lynk will first detect your Gieseemann devices via Bluetooth. Select "OK" to allow the Bluetooth search.

Use location: Lynk needs exact location sharing to communicate with your device. Allow the location sharing "when using the app".

Release

To connect to your network
please enable sharing or
activate it in your settings
No data will be stored

OK

Open settings

"lynk" would like to use Bluetooth

lynk requires Bluetooth to search for
nearby devices

Do not allow

OK

lynk may use your location?



Allow once

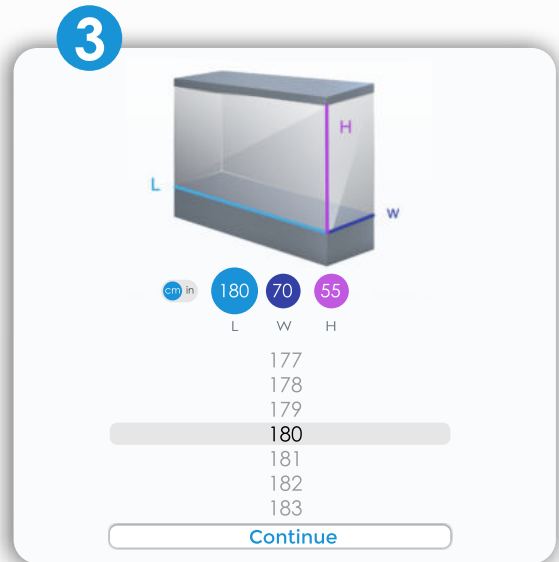
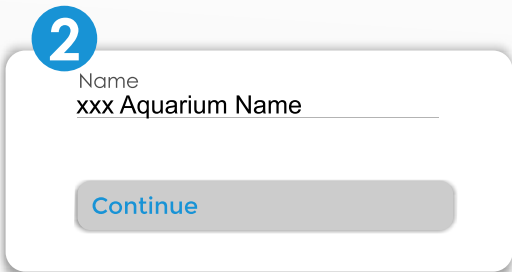
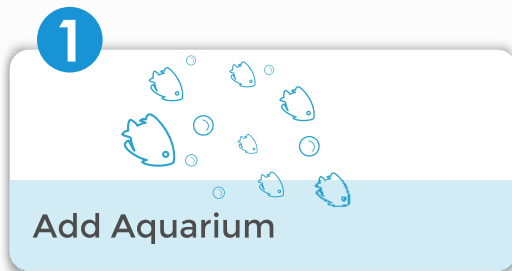
Always allow the app

Do not allow

ADD AQUARIUM

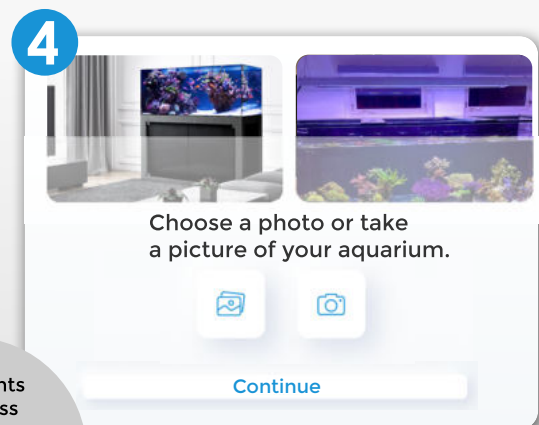
To add a new light, first create an aquarium so that both can be managed together. You can name your aquarium to choose exact dimensions.

Additional lights can be added to an aquarium later.



Personalize

Here you can take a photo of your aquarium or choose an existing picture.



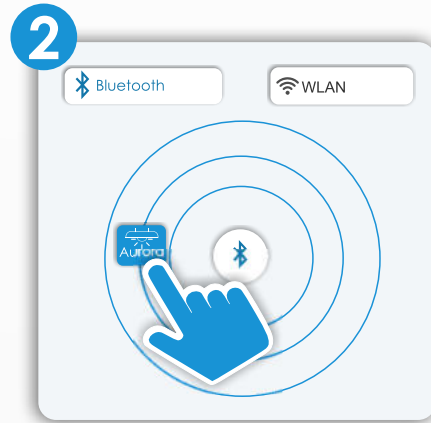
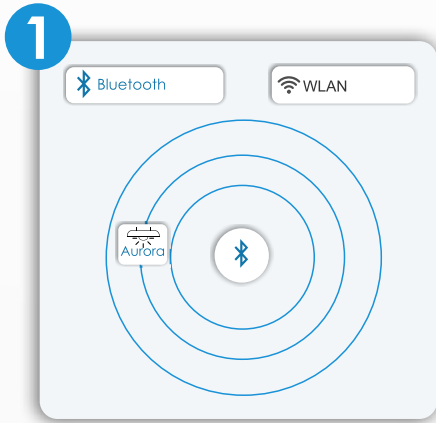
lynk wants to access your camera

do not allow
OK

Add new luminaire

Now - if not already done - first switch on your luminaire. Now add a new luminaire in Lynk. Automatically the new luminaire is searched via Bluetooth and displayed in the overview (scroll the overview if necessary to see all luminaires).

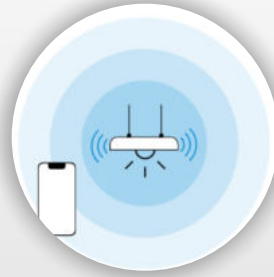
Mark the found light.



In the next step you decide if the new light should be added automatically to your home network via WLAN or if the light should be controlled directly wireless via its own connection.



Home network



Direct connection

Home network:

Enter the name and password of your own WLAN network. Then Lynk will check the network access data in three consecutive steps, establish a connection to the network and finally initialize the light. This process can take several minutes depending on the connection and should not be interrupted.





HOME NETWORK


WIFI SSID
yourNETWORK-name

Password

Continue


TESTING
✓ 2 3


CONNECT
✓ ✓ 3


INITIALIZATION
✓ ✓ ✓

Notice:

When connecting to the luminaire, the luminaire flashes briefly several times to confirm the successful connection and additionally to make it easier to recognize the luminaire that is currently connected.


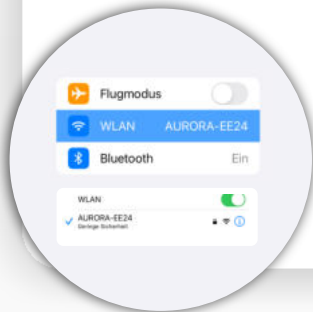
After the successful initialization it takes a short moment, then the newly added luminaire appears in the list below your aquarium:

Direct connection:

Instead of via home network, the fixture can also be set via its own connection.

The fixture itself will then provide its own WLAN network. The WLAN name ("SSID") and the corresponding password will be displayed when you proceed. **AURORA / 12345678**

Switch to the WLAN settings of your phone or tablet and connect it with these credentials.




Your fixture will now work as your local wifi.
Here are the login details

SSID Name	Aurora
Password	12345678

Please go to the wifi settings of your phone
and connect to the wifi of the fixture


[Continue](#)

After connecting to the WLAN of your fixture, Lynk will check the network credentials, connect to the network and finally initialize the fixture in three consecutive steps. This process can take several minutes depending on the connection and should not be interrupted.




TESTING

✓ 2 3



CONNECT

✓ ✓ 3



INITIALIZATION

✓ ✓ ✓

Note:

When connecting to the luminaire, the luminaire flashes briefly several times to confirm the successful connection and also to make it easier to recognize the luminaire that is currently connected.

(NB: In individual cases, a timeout may occur during the connection. Then cancel the connection and repeat the process of adding the new luminaire: After successful WLAN setup, you will then already find the luminaire in the WLAN search!)
Finally, the newly added luminaire is displayed in the list below your aquarium:

Configure luminaire

After selecting the luminaire, you will be taken directly to the settings. At the **top of the screen** there are different areas available here.

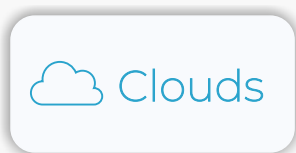
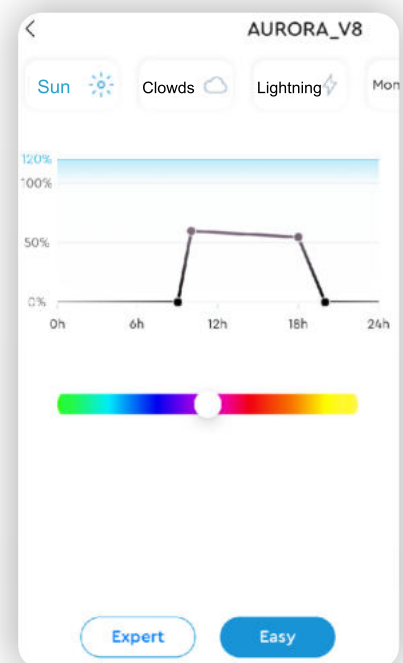
Note

On Android devices you have to scroll the top menu bar from right to left to see all menu items.



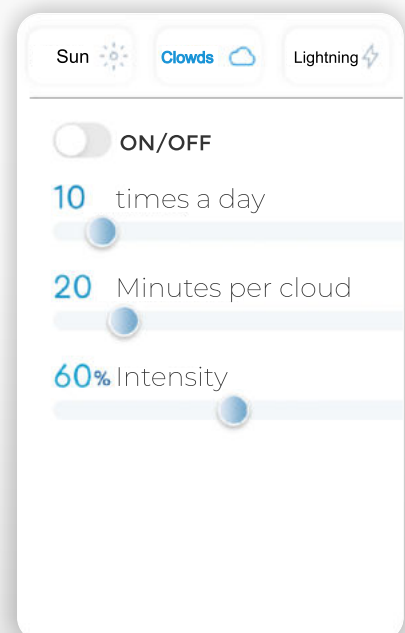
Sun

A simplified day diagram shows the light curve set for the luminaire at any time. Horizontally, the course of the day with its 24 hours is shown. The curve above shows the respective intensity with ranges up to 50% or 100%. In addition, the luminaire can be temporarily increased in the boost range up to 120% when higher power is required.



Clouds

You set various parameters for the cloud simulation: In addition to the frequency per day, set the duration of the cloud and its intensity. Switch the simulation **ON** and update the profile to activate the execution of the cloud simulation.



KONFIGURATION

⚡ Lightning

Lightning

If desired, the thunderstorm simulation can be switched ON. Here you define the intensity and the number of lightnings per hour. Additionally you define a time window for the possible execution of the thunderstorm simulation.

The screenshot shows the 'Lightning' configuration screen. At the top, there are three tabs: 'Sun', 'Clouds', and 'Lightning'. Below the tabs, there is a toggle switch for 'ON/OFF' which is currently turned on. Underneath, the text reads 'When should the flashes start and end' with two time selection buttons: '15:00' and '16:00'. Below this, there are two sliders: 'Lightning per hour' set to '2' and 'Intensity' set to '9%'. At the bottom right, there is a 'Test' button.

☾ Moon

Moon

Also for the moon simulation you first define a time period for the appearance of the moon. Additionally you select a light channel for the execution of the moonlight. The set intensity of the moonlight refers to the execution on the full moon day (day 14 of the 28-day cycle). Automatically, the light will then execute the moon cycle with waxing and waning moon in the set period.

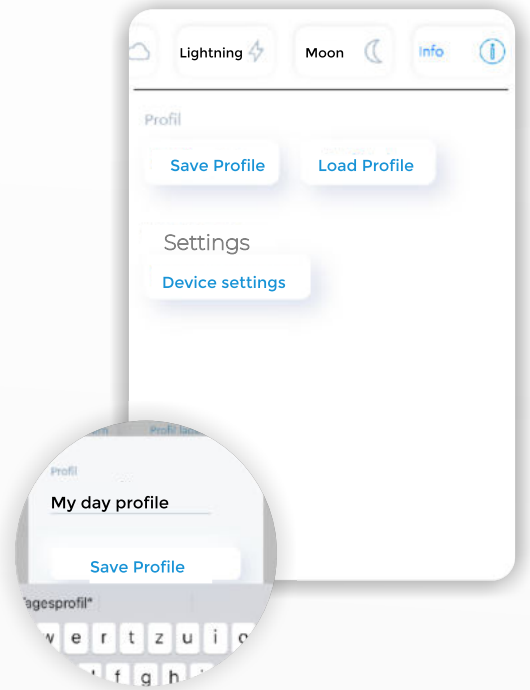
The screenshot shows the 'Moon' configuration screen. At the top, there are three tabs: 'Sun', 'Clouds', and 'Moon'. Below the tabs, there is a toggle switch for 'ON/OFF' which is currently turned off. Underneath, the text reads 'When should the moon rise and set' with two time selection buttons: '09:25' and '14:58'. Below this, there is a question 'When is the full moon supposed to be?' with a dropdown menu showing 'Today Moonday' and a value of '2'. Below that, there is a question 'Which channel to use Moon?' with six radio button options numbered 1 to 6, where option 2 is selected. Below this, there is a slider for 'Intensity' set to '8%'. At the bottom, there is an 'Update profile' button.

KONFIGURATION



Manage profiles

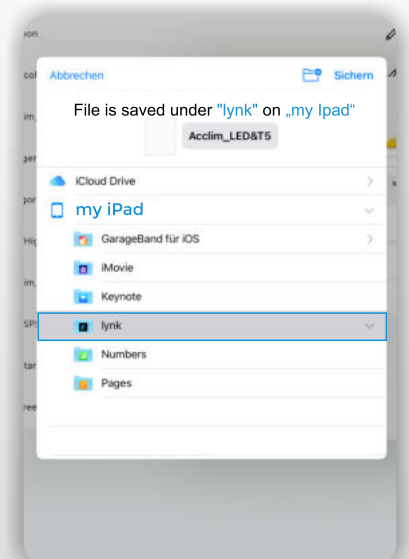
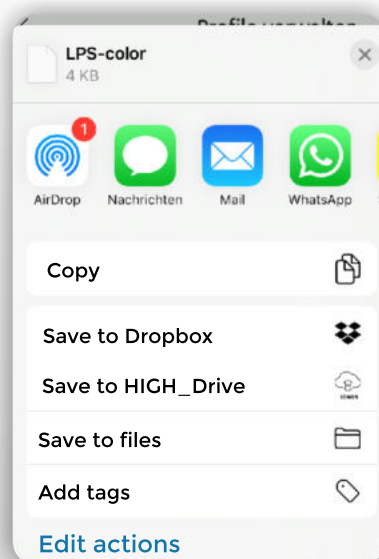
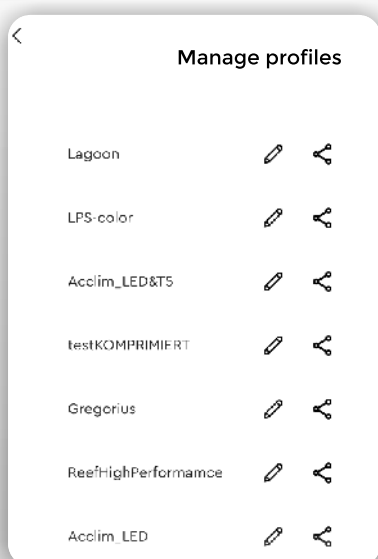
In the info area, the current day profile set for the fixture can be saved under any name. Load the overview of the self-saved and the already prepared day profiles: the desired profile will be applied instead of the current day profile after its selection. Additionally, you can edit the name of the.



The day profiles can be easily sent via the share icon using various services available on your device (such as email, messages, WhatsApp, directly via airdrop, etc.). Additionally, the profile file can be copied or saved "to files" on your device. After receiving a profile file from an external source, you can "Save to Files" it: select the **"lynk" folder** there. After that, this new profile will also be available for selection in lynk.

Note

This procedure varies depending on the Android end device and depends on the manufacturer, where exactly the device saves the downloaded profile. Under **"Import file"** you get the option to search for the profile.



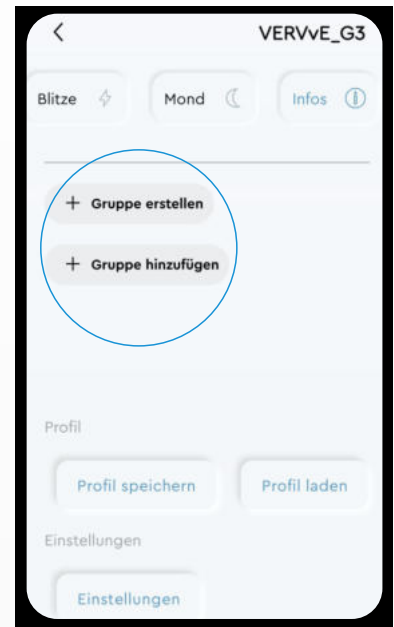
KONFIGURATION



Control several luminaires together

In the info area you have the possibility to create groups and then assign several lights to this group and control them simultaneously.

If you have set up a group and later add new luminaires in the app, you have the option to directly select in which group the new luminaire should be integrated.



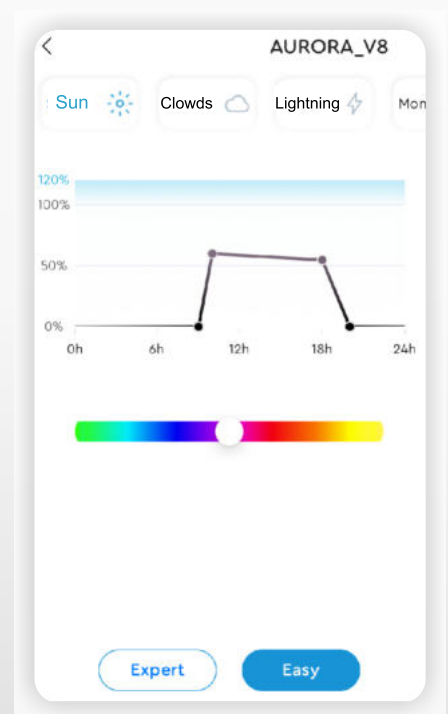
EASY MODUS



EASY mode

The quick and uncomplicated setup of the light is provided by the Easy mode. Here exactly four switching points are given, which already completely define the course of the day. Point 1 and point 4 are fixed at 0%: move these points laterally to the left or right to define the switch-on time (in the morning) and the switch-off time (in the evening).

The two points in between, 2 and 3, can be moved sideways (for time shift) as well as vertically (upwards for higher intensity). The color slider below the day chart controls the color composition for the entire day.



KONFIGURATION

Expert

EXPERT MODE

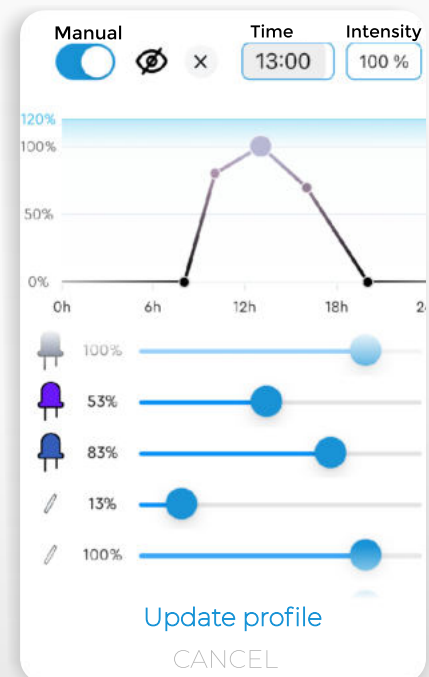
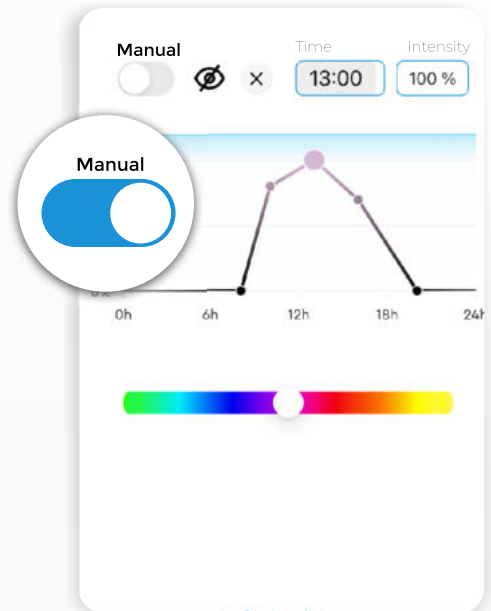
The expert mode is available for detailed settings. Analogous to the settings described above, the course of the day is defined via switching points in the day diagram. Here, however, any properties can be set for each point. For this purpose a point can be shifted arbitrarily in time and for intensity.

After setting the MANUAL switch, the color slider for the currently selected switching point appears below the day diagram after clicking on a point. In contrast to the Easy mode, each point can have its own color profile here. In addition to the simplified setting of the color controller, it is possible to switch to manual settings here. Instead of the central color controller, individual intensity controllers then appear for each individual light channel of the connected luminaire.

LED channels and T5 light channels are indicated by corresponding icons. The exact composition of the individual light channels and their intensity can now be set separately for each switching point.

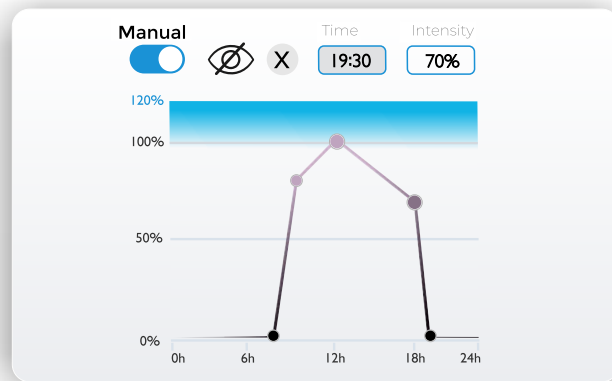
Note: According to the display size of your mobile device and the number of connected lights, the list of color controls can be scrolled vertically to operate all color controls. At the end of the curve, additional points can be added to the diagram. Initially, a minimum distance is assumed between the points. Therefore, if necessary, move the first points further to the left in advance.

Unnecessary switching points can be removed with the . For a better overview, it is recommended to first set the already existing points in the desired light combination and then to set them to the desired time. Further points should then be added and set successively at the end.



LIVE MODE

When a switching point is selected, it is highlighted in the day diagram.



If you switch to the live mode with the  live button, the data of this point will be sent to the light and it will directly show the just set values.

In this way, the display can already be immediately assessed when setting the individual points.

Notes:

Set values are always set only when a point or controller is released. Changes made are temporarily saved in the app and are not transferred to the light until **"Update profile"** or the next connection to the light.

If changes have been made, you can update the profile and thus apply the changes. Otherwise, the process can be canceled without changes being transferred to the light. In both cases, the light is then set back to automatic mode.

EXPERT MODE

The expert mode is available for detailed settings. Analogous to the settings described above, the course of the day is defined via switching points in the day diagram. Here, however, any properties can be set for each point. For this purpose a point can be shifted arbitrarily in time and for intensity.

After setting the **MANUAL** switch, the color slider for the currently selected switching point appears below the day diagram after clicking on a point.

In contrast to the Easy mode, each point can have its own color profile here. In addition to the simplified setting of the color controller, it is possible to switch to manual settings here. Instead of the central color controller, individual intensity controllers then appear for each individual light channel of the connected luminaire / fixture.

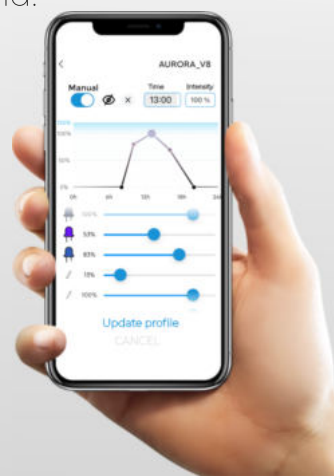
LED channels and T5 light channels are indicated by corresponding icons. The exact composition of the individual light channels and their intensity can now be set separately for each switching point.

Press  to remove a set point

Note: According to the display size of your mobile device and the number of connected lights, the list of color controls can be scrolled vertically to operate all color controls.

At the end of the curve, additional points can be added to the diagram. Initially, a minimum distance is assumed between the points. Therefore, if necessary, move the first points further to the left in advance.

Unnecessary switching points can be removed with the . For a better overview, it is recommended to first set the already existing points in the desired light combination and then to set them to the desired time. Further points should then be added and set successively at the end.



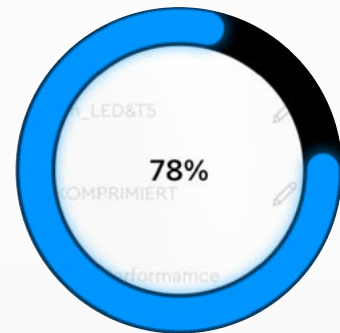
SETTINGS

In the device settings you get information about the luminaire and the current connection.

Additionally you can edit the name of your luminaire / fixture or remove the luminaire / fixture completely from the assigned aquarium and account.

Make sure that your smartphone / tablet does not switch to standby mode.

A status indicator (circle) shows you the status of the upload and the remaining time.



Do not exit the app

Due to the continuous development of the app and the addition of many more features, the lynk app remains always up to date and functions like grouping multiple luminaires / fixtures will soon be possible.

Also the control of the products from outside your home will be possible.

Thank you for purchasing a Giesemann product.
We wish you much joy with it.

If you have any technical questions or problems, please contact us:

 info@giesemann.de

 www.giesemann.de