

Lumini

Master

WIFI Controller System

Instruction

Important:

Please read this manual carefully and thoroughly before installing and operating your Device
Please retain this manual for future reference after reading it thoroughly.
Master Controllers only work with Lumini aquarium systems cannot work with others device

BY LUMINI TECHNICAL SUPPORT

*****Opening unit will void warranty*** DO NOT ATTEMPT REPAIRS TO THE LIGHT BY YOURSELF.**

PLEASE CONTACT YOUR SALES REP, RETAIL STORE WHERE PURCHASED FROM, OR LUMINI CUSTOMER & TECHNICAL ASSISTANCE TEAM BEFORE ATTEMPTING TO REPAIR YOUR Asta/Gemis/Glisten/Pixie INTELLIGENT LIGHT, OR IF YOU HAVE ANY QUESTIONS REGARDING THE INSTALLATION, please contact us first.

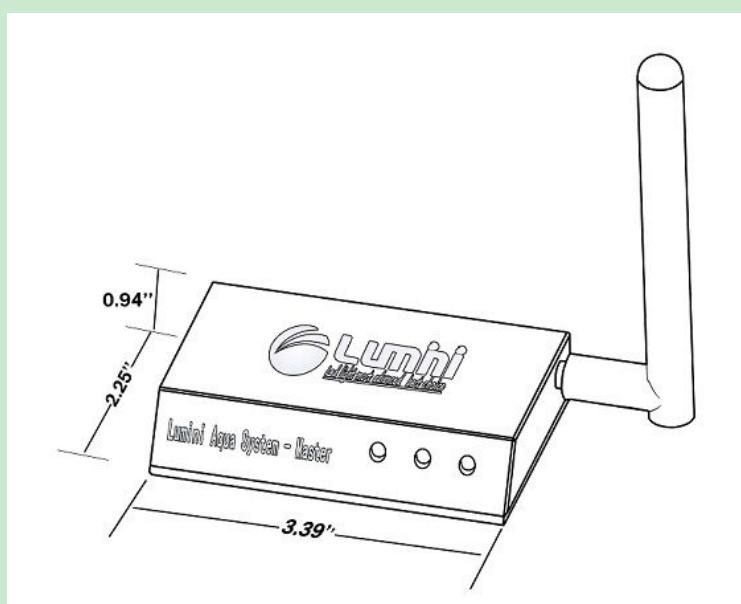
NOTICE:

1. Guarantee range excludes the damaged surface glass, housing and scratches.
2. Guarantee range excludes damages by accidents.
3. Guarantee range excludes normal scratching or damage on the case.
4. If the guaranteed light had been repaired by the maintenance location of other than Lumini Aqua or a Lumini Aqua indorsed repair facility, then the corporation has the right to refuse to do any maintenance.

Sincerely, the LUMINI Technical Team

DIMENSIONS & LAYOUTS

Dimensions & Layouts



Master FIXTURE

Length: 3.39"

Width: 2.35"

Height: 0.94"

Weight: 0.6lbs

Package Specifications

Units are protected by EPE foam inside, packed in a paper box and confined in standard cardboard box.

1. Installation

Note:

Before you plug the light fixture into an electrical outlet, please connect the AC adapter or driver with the LIGHT FIXTURE and connect the Master controller to the FIXTURE. please read the manual for proper installation of the master controller.



Note:

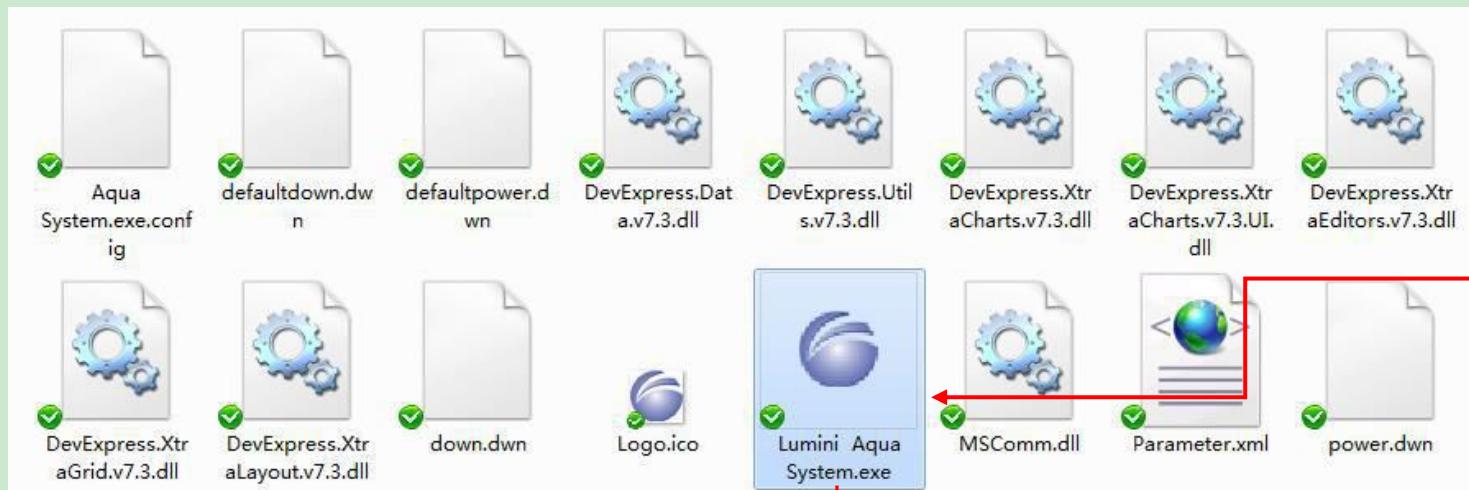
1. When install the Controller on the light use the connect port put light **DATA IN** or **DATA OUT** port. Check above pictures.
2. Each connect port has one indentation, Kindly align it with connect port to install it.

2. Install the Software on your computer and start your Master Controller.

(Window system only)



1. Open our Controller software which is supplied by Lumini, if Windows user account control will prevent the software on your computer. Unblock it then install the software.
2. Scan the WIFI Signal on your laptop and connect it. It will be named after Master-0/1/2...

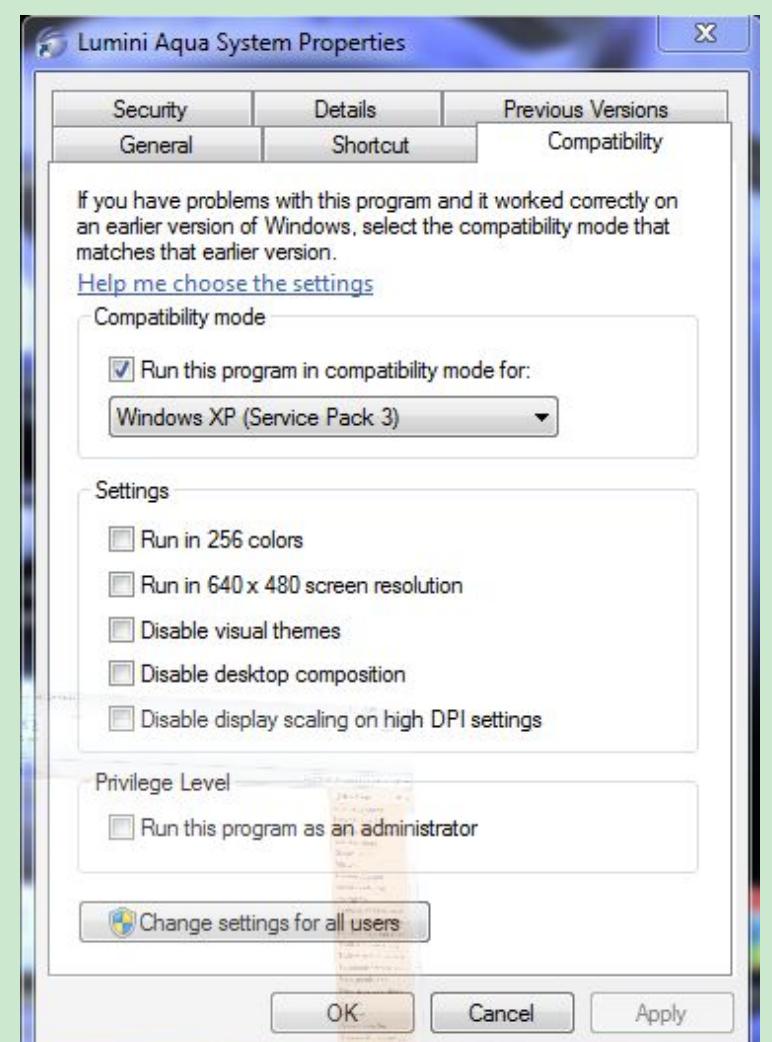


Extract the package,
double click the
application and run
the program

Controller Setup for Windows 7 / Window 8

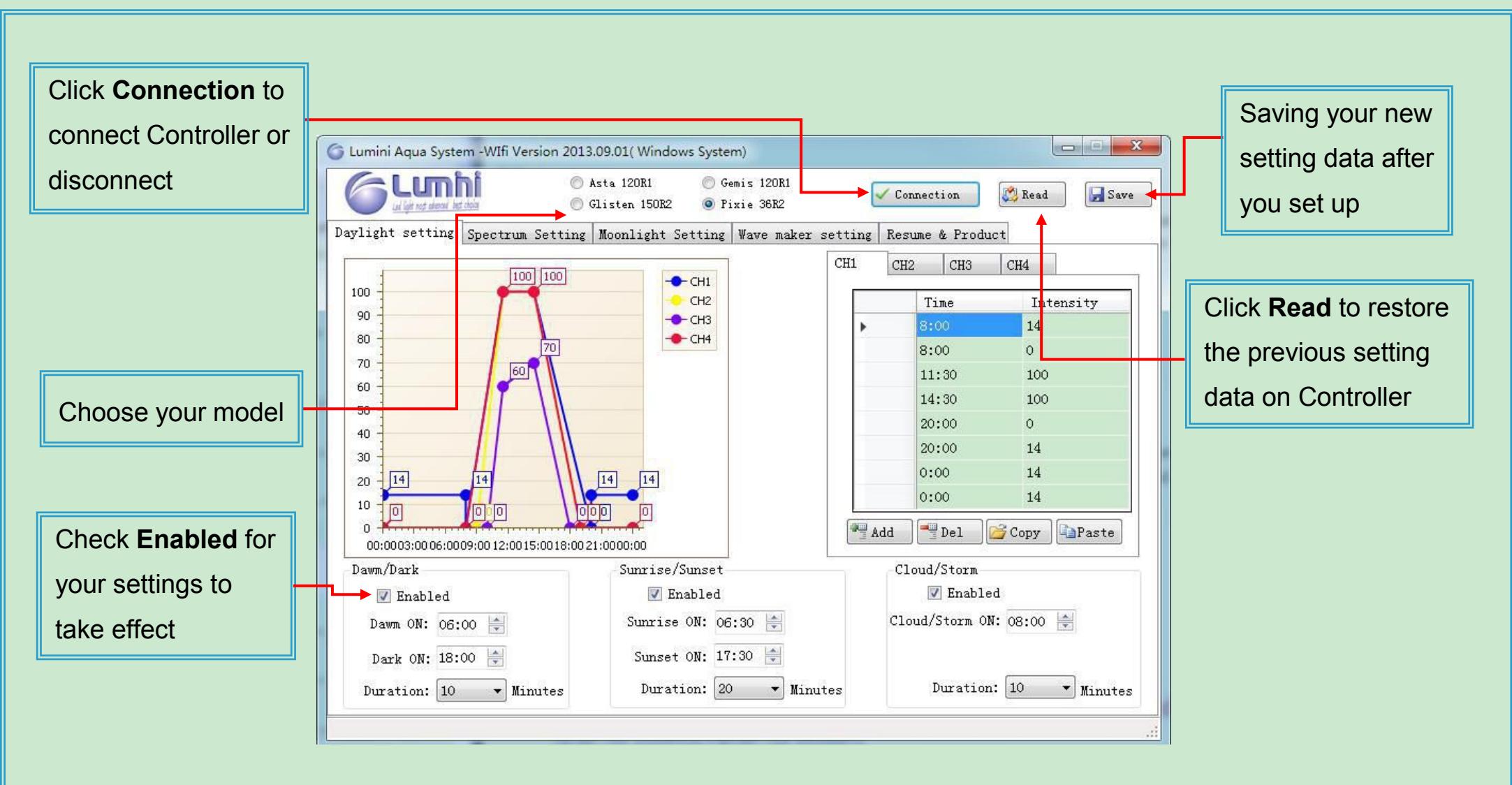
You must change the compatibility mode to xp sp

1. Right click on the icon of the application (picture at right).
2. Select properties, next click the Compatibility tab
3. Check the box of **Run this program in compatibility mode for:**
Select Windows XP (Service Pack 3)



Note: If you failed to install our software, please check if you have installed the Microsoft .NET Framework on your computer. We have 2 versions of software, Installed version is designed basis on Microsoft .NET Framework 4.0; Green version is designed basis on Microsoft .NET Framework 4.5.

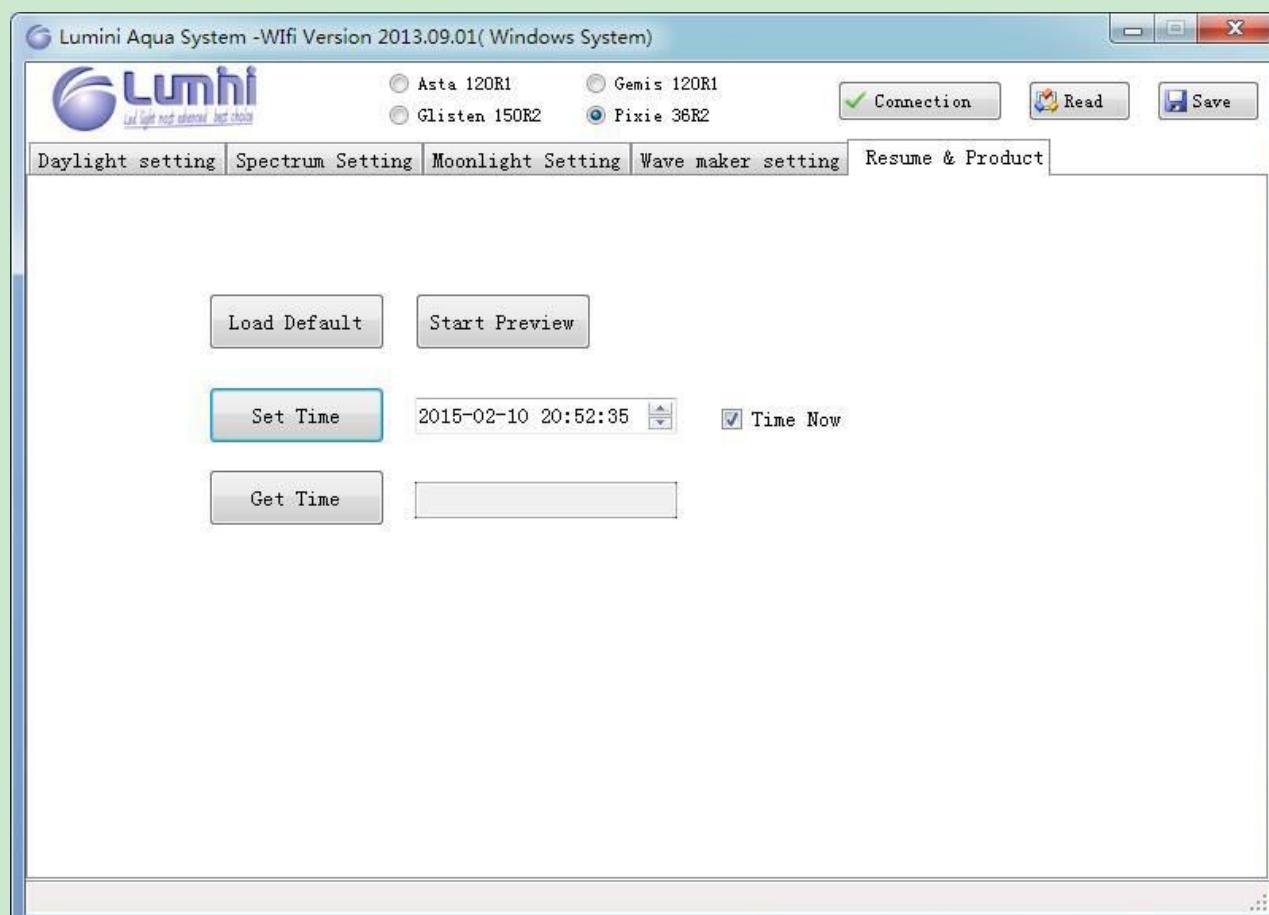
3. Function Introduction



4. Setup System time on Controller

4.1 Select **Resume & Product**. Check **Time Now** and click **Set time** to read the current time on your laptop, then click **Get Time** to save the system time on your controller.

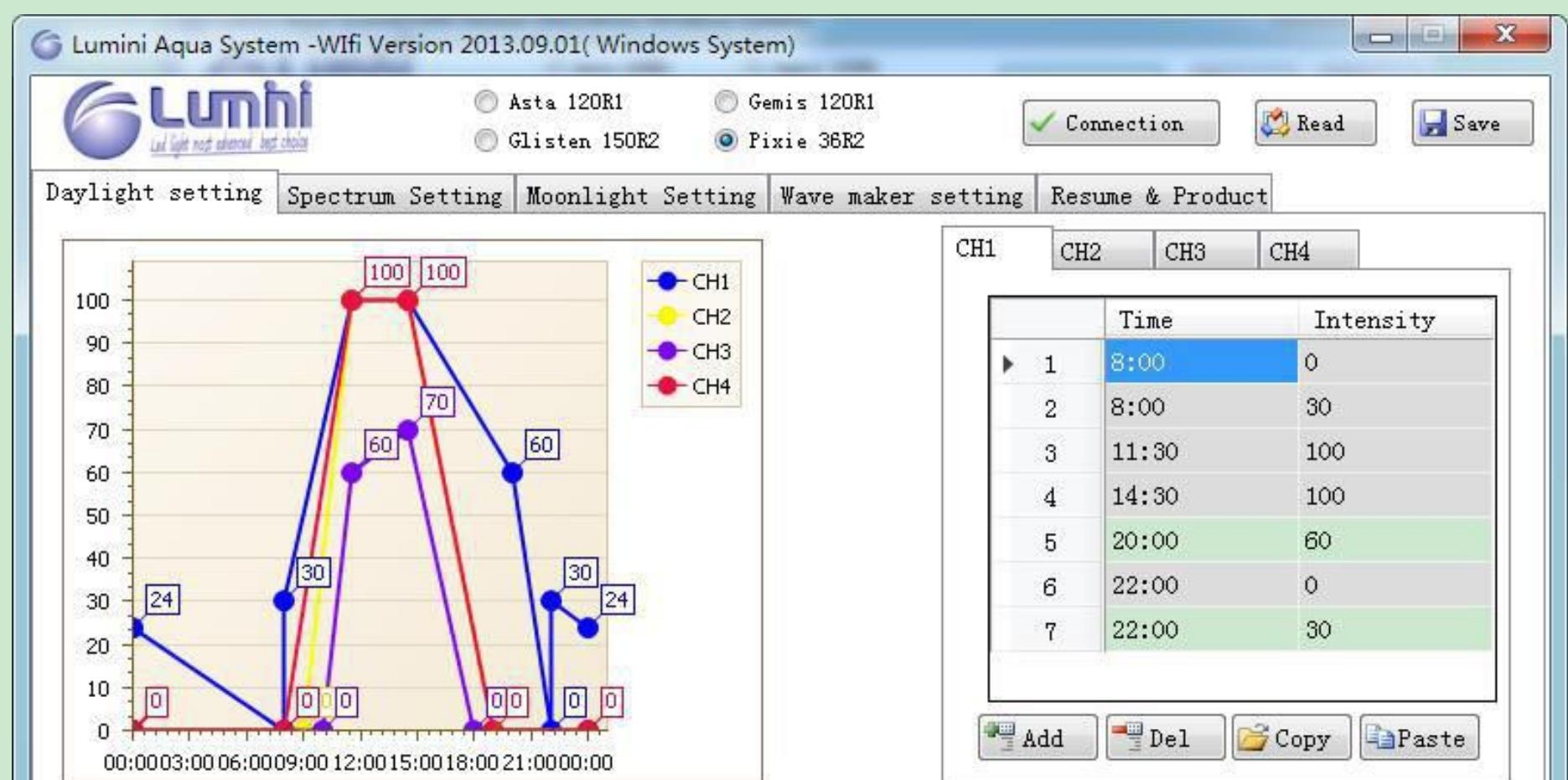
4.2 BE VERY CAREFUL ON THE **LOAD Default** BUTTON! Click **Load Default**, you will restore the factory default settings.



5. Daylight Setting

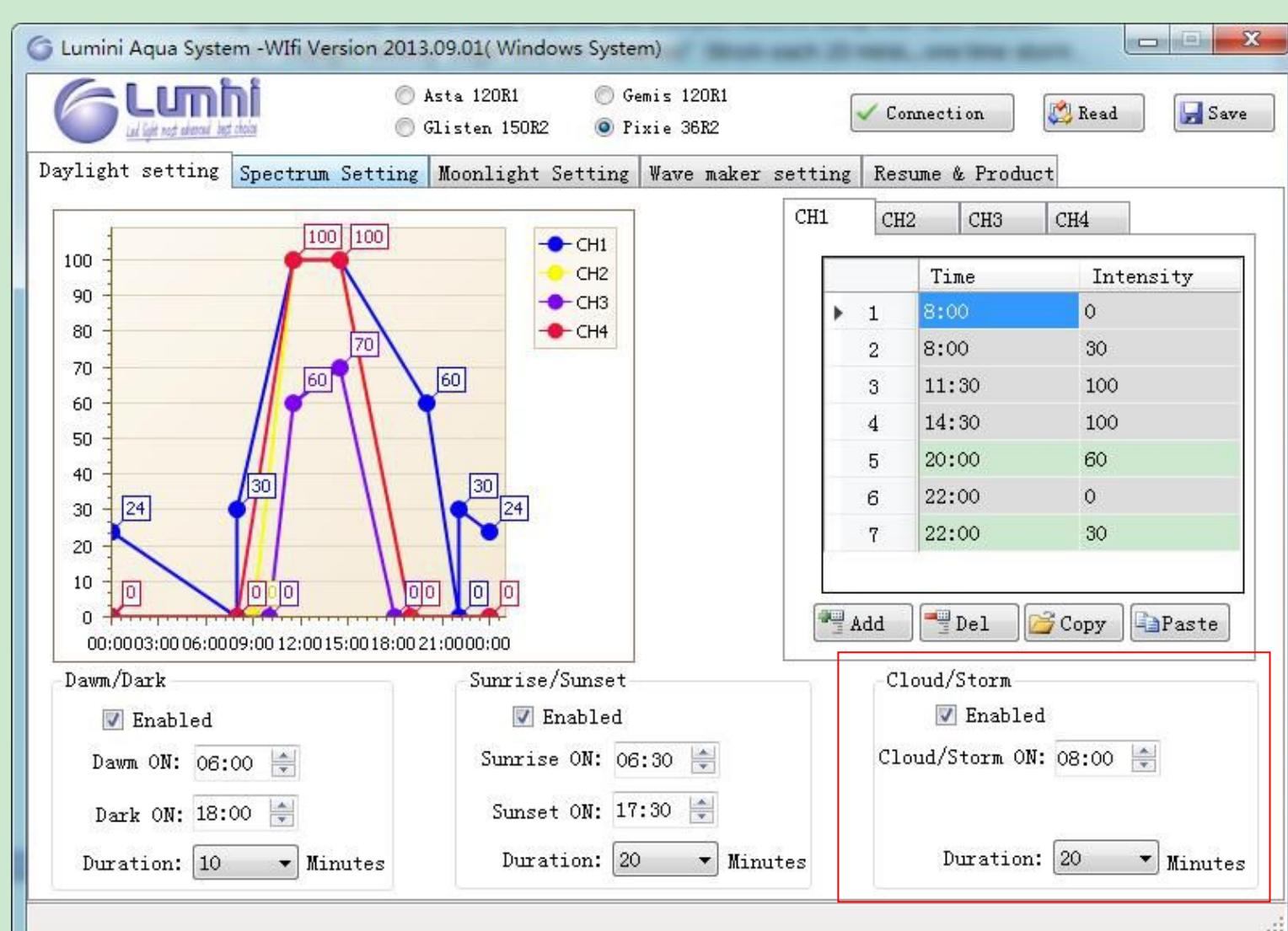
Click **Daylight Setting**, you can customize the color spectrum for your light. The light will work on Daylight mode when it's not at the time you setup for Dawn/Dark, Sunrise/Sunset, Moonrise/Moonset mode.

Select **CH1** on the right side. You can setup 8 timers and intensity for each channel, please setup intensity on each time. Then select **CH2** to enter the setting for channel 2. After setup for all 4 channels, click **Save** to save your setting. Your settings will shown directly on the line chart.

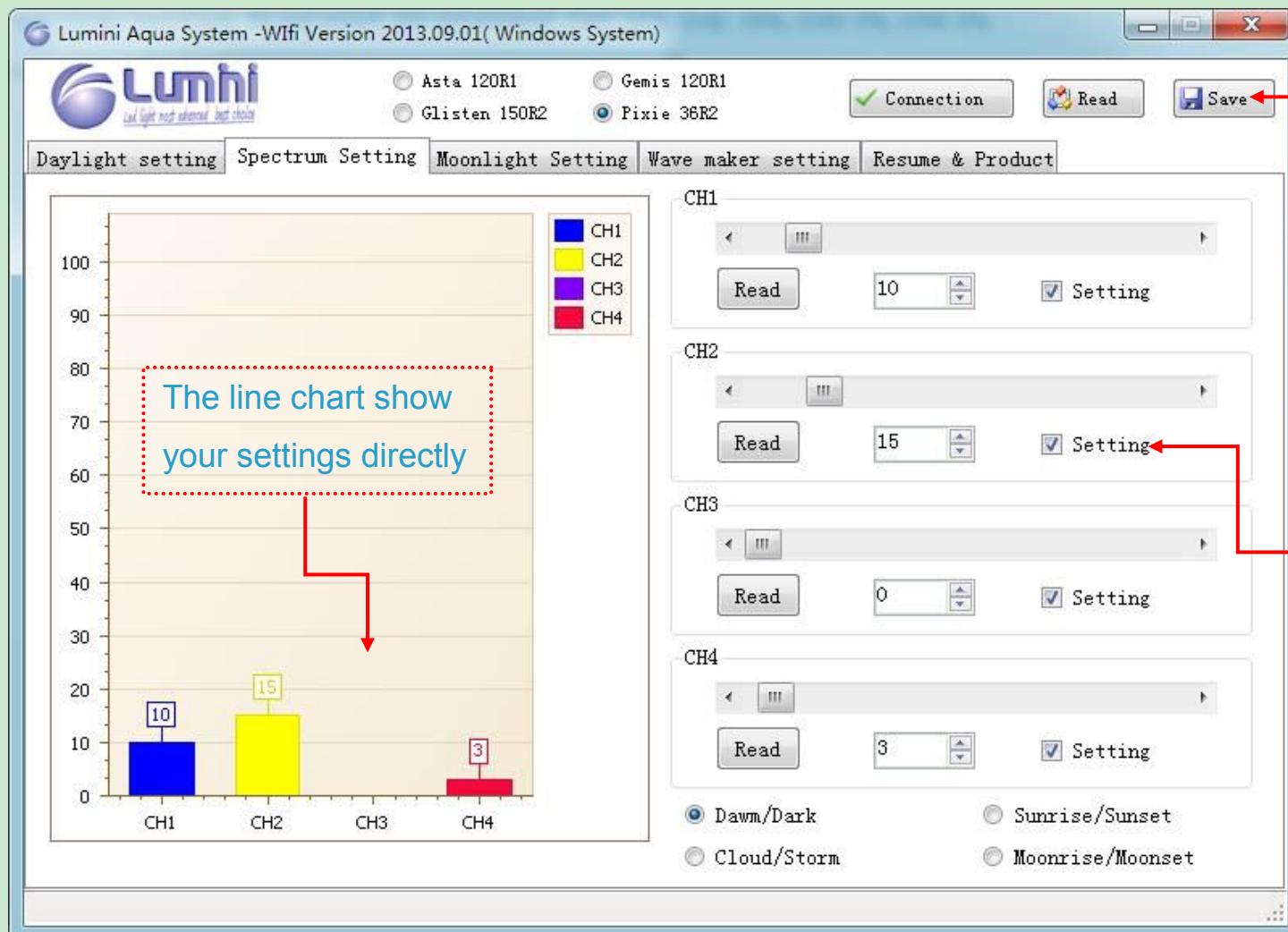


6. Spectrum Setting

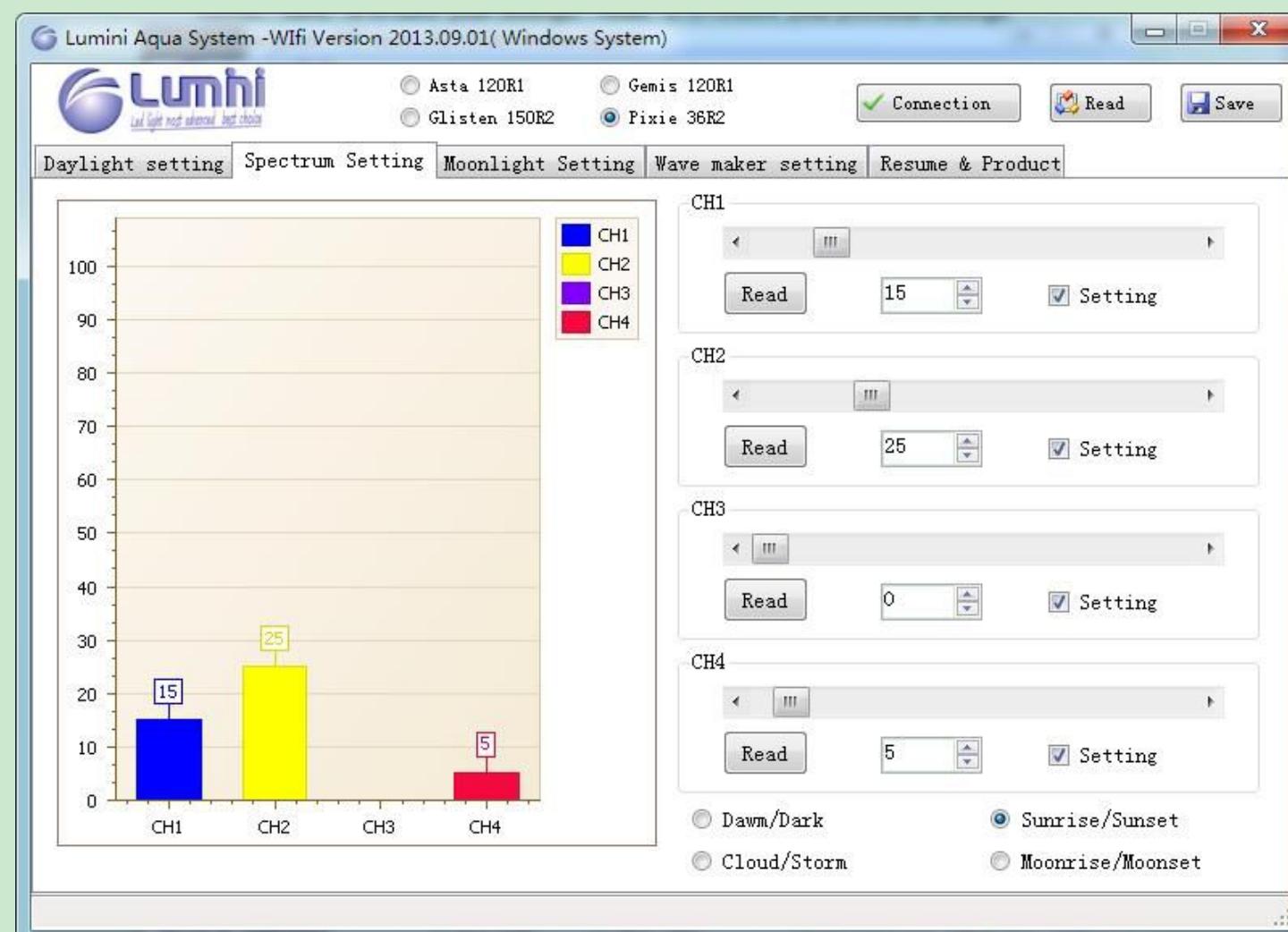
6.1 Setup Storm mode. Storm mode is preset, so you just need to setup start and duration time on “**Daylight Setting**” page. Check “**Enabled**”. Storm lasts 20 minutes, 3 minutes one time, the light will work basis on daylight setting after 3 minutes.



6.2 Setup Dawn/Dark. It's not preset. We recommend: CH1: 10%; CH2: 15%; CH3: 0%; CH4: 3%. Click **Save**.



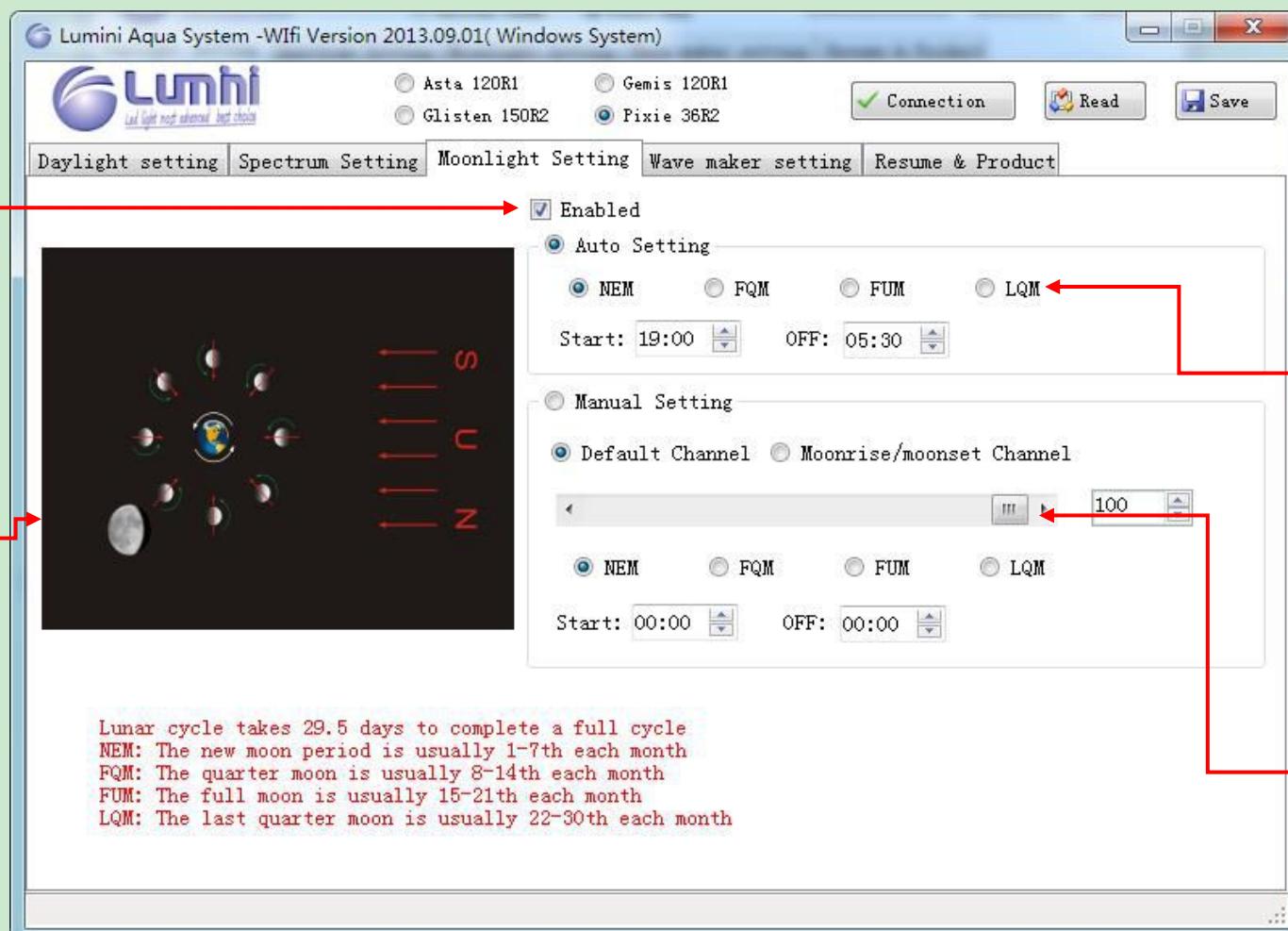
6.3 Setup Sunrise/Sunset. It's not preset. We recommend: CH1: 15%; CH2: 25%; CH3: 0%; CH4: 5%. Click **Save**.



6.4 After set up Dawn/Dark, Sunrise/Sunset, enter “**Daylight Setting**” page, setup timer for these weather effect, if you don't need them to work, please untick “**Enabled**”.

If you need them all work, please click “**Enabled**” and notice the time for Sunrise/Sunset and Dawn/Dark can't be conflict. If Dawn starts at 6:20, duration time is 20 minutes, then Sunrise has to be started on 6:40.

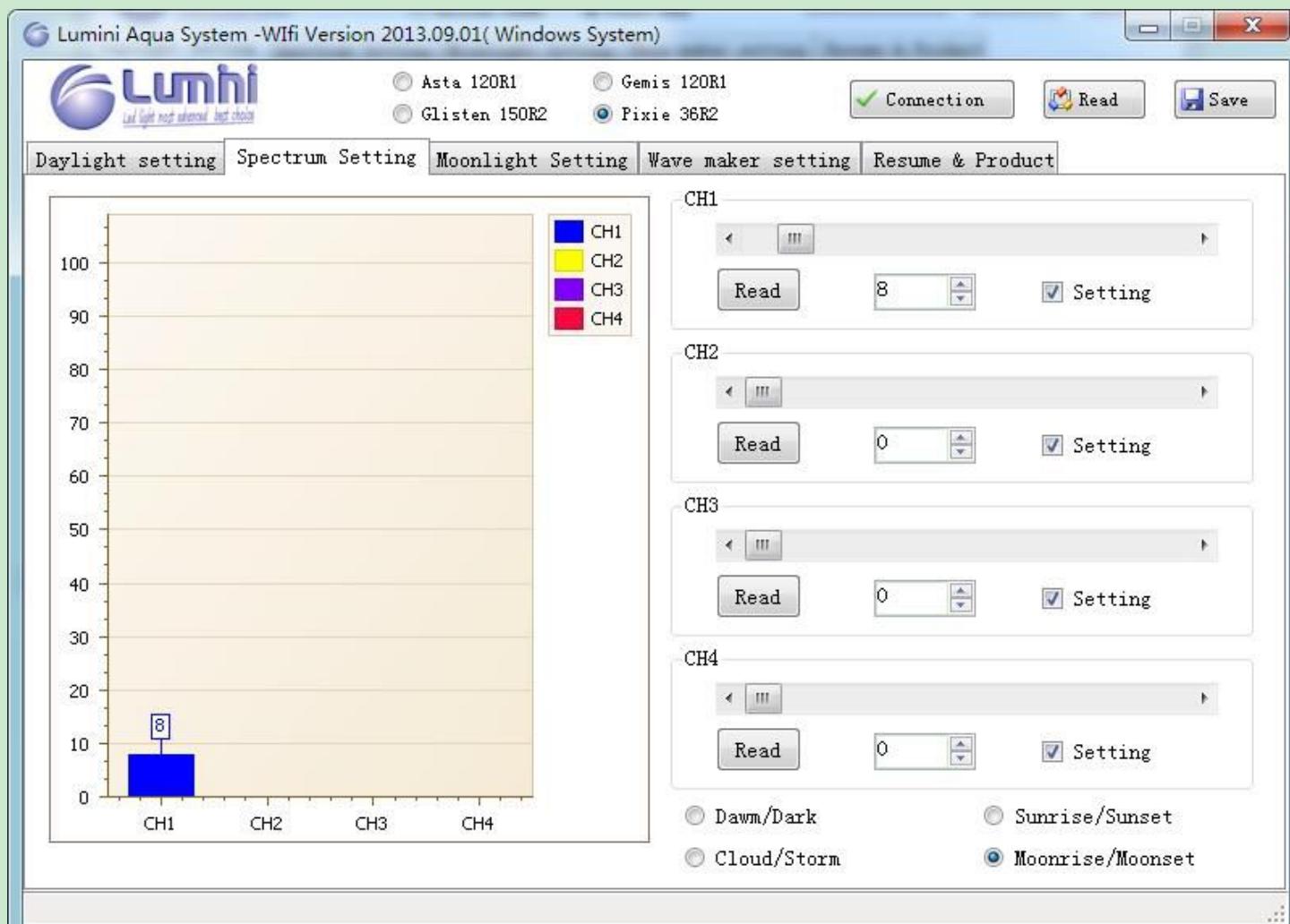
6.5 Setup **Moonlight mode**. Select **Moonlight Setting**. If you want to use the default setting, please select **Auto Setting**, choose **NEM**(new moon), **FQM**(first quarter moon), **FUM**(full moon) or **LQM**(last quarter moon). Then setup start and off time for each phase. Check **Enabled** for your settings to take effect.



If you want to customize the spectrum for **Moonlight mode** manually, select **Manual Setting**.

If you select **Default Channel**, the color will be the same as Auto Setting, but you can slide the bar to fine tune the brightness.

If select **Moonrise/Moonset Channel**, please enter **Spectrum Setting** page. Check **Moonrise/Moonset**, then customize the color spectrum by sliding the bar on each channel. Tap **Save** on the top right corner to save your settings.



7. How to use lumini Aqua's Android App

- Note:** 1. kindly download the Android app: <http://yunpan.cn/Qamk5tInIrz3q>; Code: dda5
2. The login name and code of software kindly contact supplier

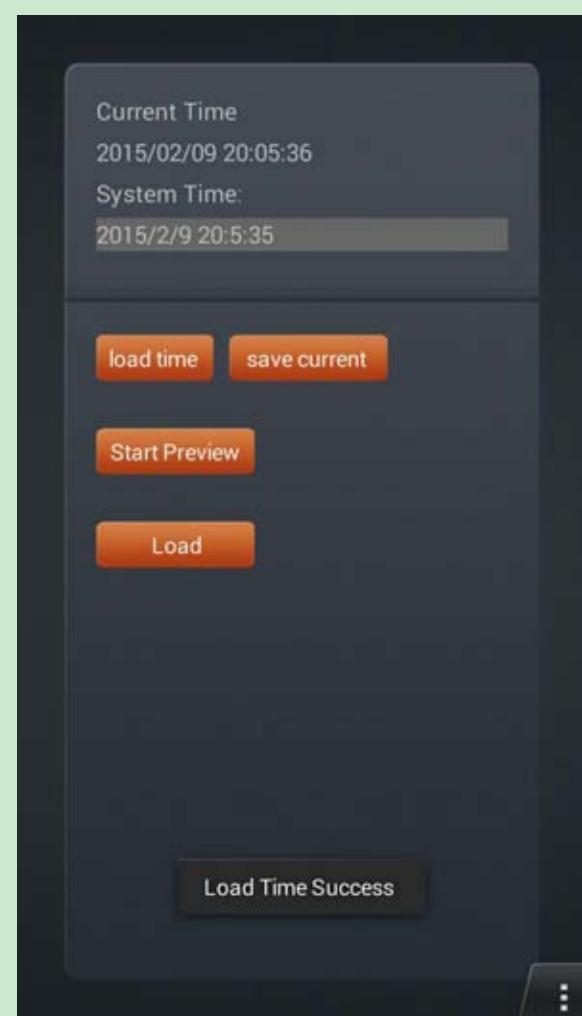
- 1-1. Turn on wi-fi on your phone and under settings. Select the wifi signal which named after **Master-0** (or **Master-1,2...**)
- 1-2. Next start the application and **log in**
- 1-3. Select the wifi signal(**Master-0**) for your wireless controllers again and then click **CONNECT**, enter home screen.



- 2-1. Firstly tap **Time & Review** to setup system time for controller. Tap **Load time** to read the current time on your phone, then tap **save current**, then the system time on your controller have been successfully set up.



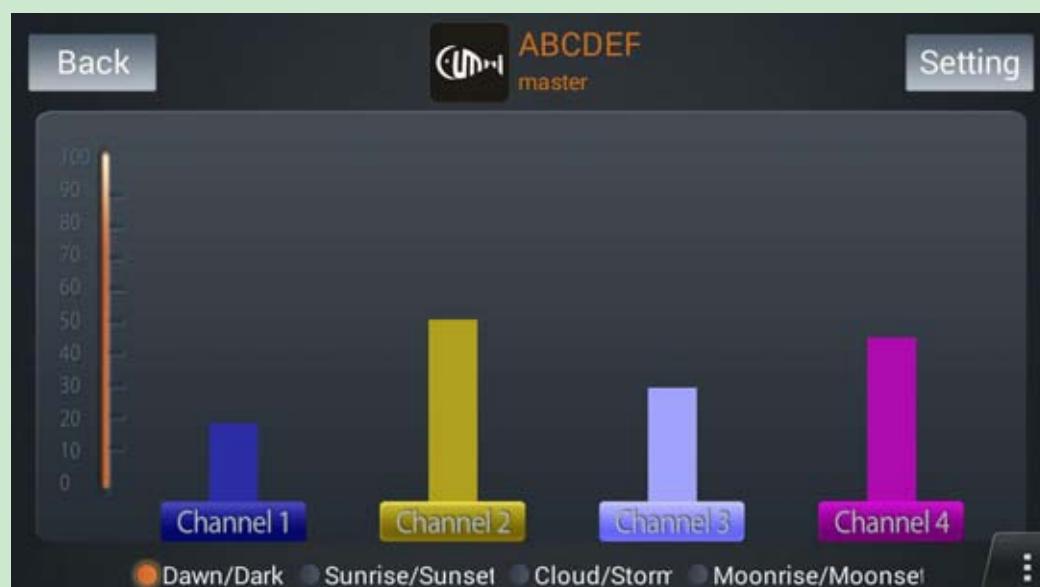
- 2-2. BE VERY CAREFUL ON THE **LOAD** BUTTON!
Tap **Load**, you will restore the factory default settings.
- 2-3. Tap **Start Preview** you can preview your settings effect within 15 minutes.



3. Tap **Weather** on the home screen and then tap **Setting** to setup varies weather mode manually.

Note: **Read** is to restore previous setting data.

Save is to save your current setting, so please click **Save** after you set up the data.



3-1-1. Setup **Dawn/Dark**, it's not preset. We recommend: CH1: 10%; CH2: 15%; CH3: 0%; CH4: 3%.

Please slide **Enable** fader for your settings to take effect.

3-1-1. Setup **Dawn/Dark**, it's not preset. We recommend:

CH1: 10%; CH2: 15%; CH3: 0%; CH4: 3%.

Note: Tap **Setting** you can check the change simultaneously when you slide the bar to setup intensity in each channel.

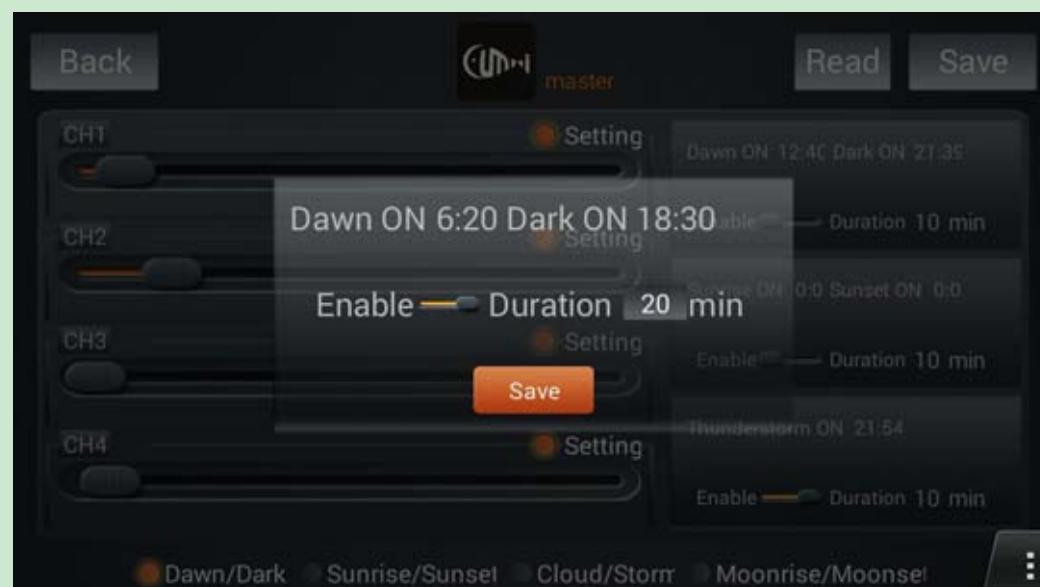


3-1-2. Setup start time for **Dawn/Dark**, and then choose duration time.

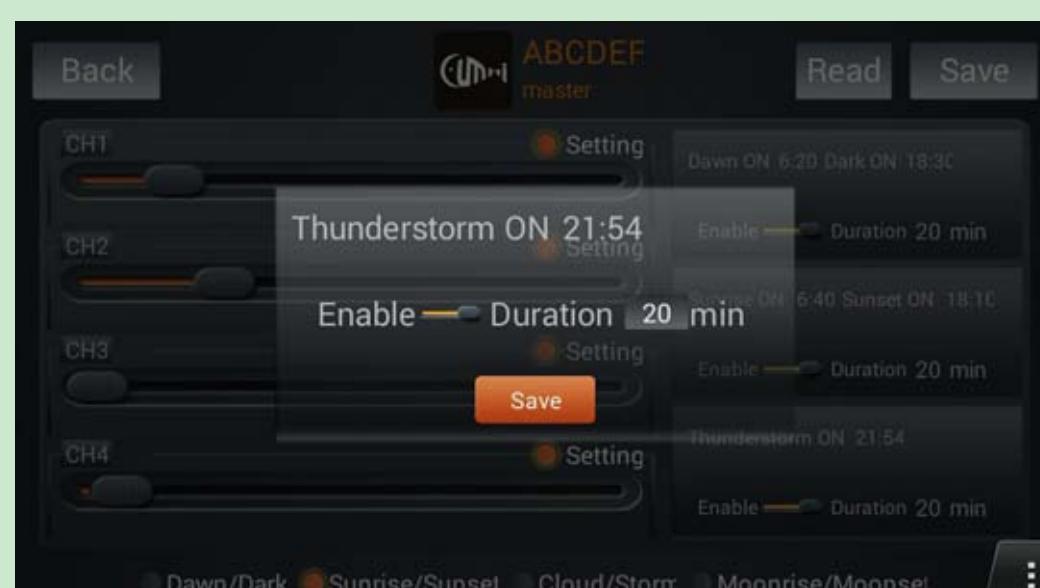
Please slide **Enable** fader for your settings to take effect.

3-2. Setup **Sunrise/Sunset** mode, it's not preset. We recommend: CH1: 15%; CH2: 25%; CH3: 0%; CH4: 5%.

Notice: The time for **Sunrise/Sunset** and **Dawn/Dark** can't be conflict. If Dawn starts at 6:20, duration time is 20 min, then Sunrise has to be started on 6:40.



3-3. Setup **Storm** mode. Storm mode is preset, you just need to setup start and duration time. And slide **Enable**. Storm lasts 20 minutes, 3 minutes one time, after 3 minutes, the light will work basis on daylight setting.



4. From the home screen, tap **WaveMaker**, you can also setup wave maker (Waver maker pump coming soon).



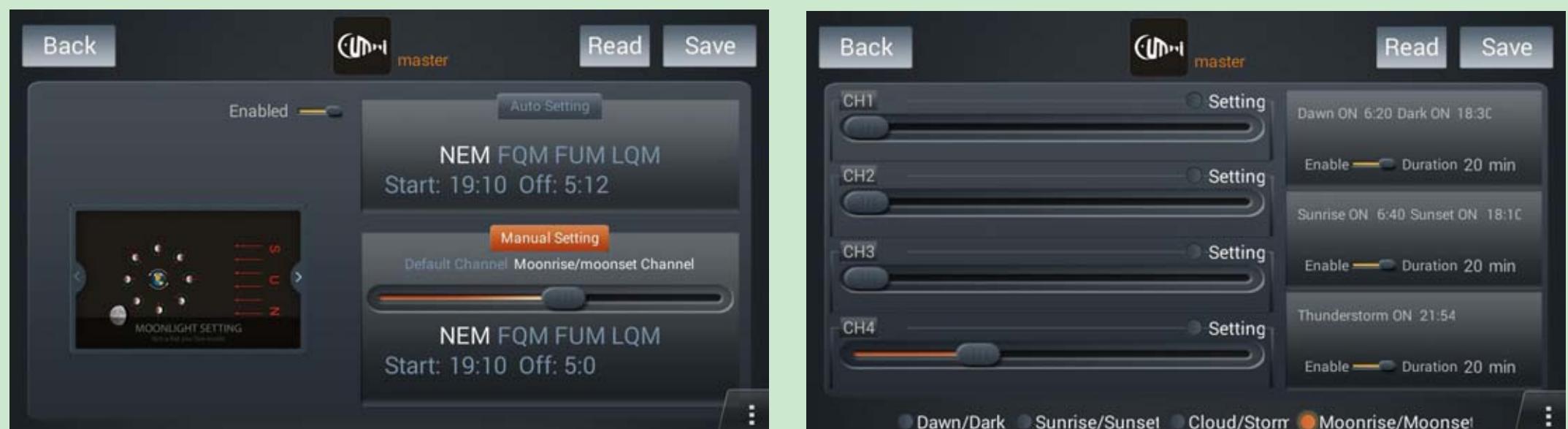
5. Setup **Moonlight** mode. Enter **Moonlight** tab on home screen. If you want to use the default setting, please select **Auto Setting**, choose **NEW**(new moon), **FQM**(first quarter moon), **FUM**(full moon) or **LQM**(last quarter moon). Then setup start and off time for each phase. Slide **Enable** fader for your settings to take effect.



If you want to customize the spectrum for Moonlight mode, please tap **Manual Setting**.

If you select **Default Channel**, the color will be the same as Auto Setting, but you can slide the bar to fine tune the brightness.

If select **Moonrise/Moonset Channel**, please go back to home screen, enter **Weather** tab, tap **Moonrise/Moonset**, then customize the color spectrum by sliding the bar on each channel. Tap **Save** on the top right corner to save your setting



5. Tap **Daylight** on home screen. You can customize the color spectrum for your light. The light will work on Daylight mode when it's not at the time you setup for Dawn/Dark, Sunrise/Sunset, Moonrise/Moonset mode.

Tap **setting**, select CH1 on the right side. There're 8 time points for each channel, please setup intensity on each timer. Input 0 on the time points which are not needed. Tap **Save** to save your setting. Then select CH2 to enter the setting for channel 2.



	TIME:	7	30	INTENSITY:	2	Channel 1
	TIME:	8	0	INTENSITY:	30	CH1
	TIME:	11	30	INTENSITY:	100	CH2
	TIME:	14	30	INTENSITY:	100	CH3
	TIME:	20	0	INTENSITY:	68	CH4
	TIME:	21	30	INTENSITY:	55	
	TIME:	0	0	INTENSITY:	0	
	TIME:	0	0	INTENSITY:	0	

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