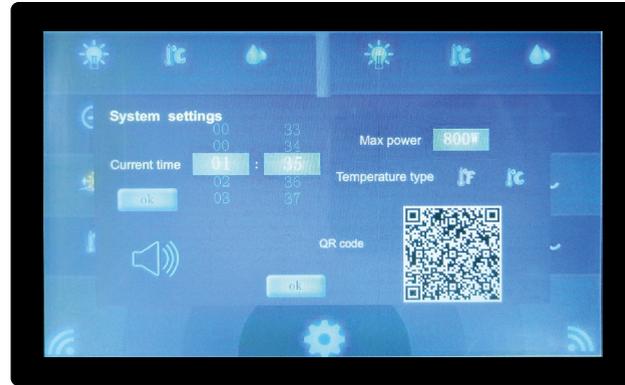


SYSTEM PAGE



The Current Time on the system page is the system's time setting. Scroll the number in the input box to complete the hours and minutes setting.

The Max Power is the system's current maximum working power.

The Temperature Type is the system's selected temperature setting, either Fahrenheit or Celsius as degree options; highlighted means it has been selected. You can read and set the module address on the Module Addr to set the address of the lamps in networking.

The Work Mode is the working mode setting. There are 5 working mode settings, automatic, spring, summer, autumn, and winter; automatic is the default setting.

The Master Addr sets the host's address meaning it will mainly set the address of the current controller; the default is 0. When you want to control a single lamp in the network, you need to input the current address of the single lamp otherwise the default setting will be united control. You can also scan the QR code to connect to Bluetooth. Lastly, press the Close key to close the system page and return to the main page.

SPECIFICATION

ELECTRICAL PARAMETERS	POWERED BY	DC 5V-12V≤ 0.5A @ DC 12V	
	WORKING CURRENT	ISM frequency band 2.4-2.5GHz	
	WIRELESS FREQUENCY	ISM frequency band 2.4-2.5GHz	
	INDOOR COMMUNICATION DISTANCE	164ft (50m)	
	WIRELESS TRANSMIT POWER	+4dBm (Maximum)	
	RECEIVING SENSITIVITY	-93dBm @ 1Mbps	
	NETWORK TOPOLOGY	Rs485 bus protocol to achieve networking	
INTERFACE DEFINITION	POWER	DC-005 power socket	Power DC inet
	PJ-313*2	Audio port	For connection of themometer
	RJ11*2	Rs485 communication interface	Hygrometer 485 connection for controller
STRUCTURAL PARAMETERS	KF141*2	Spring type terminal	For controller and adapter board for external control
	SIZE	L8.1 Inches X W5.3 Inches X H1.7 Inches (205mm X 135mm X 45mm)	
OTHER	STORAGE TEMP.	-13 °F-158 °F (-25 °C-70 °C)	
	RELATIVE HUMIDITY	< 95 % (No condensation)	
	OPERATING TEMP.	-40 °F-185 °F (-40 °C-85 °C)	

*All specifications are subject to change.
All spec values are typical.*

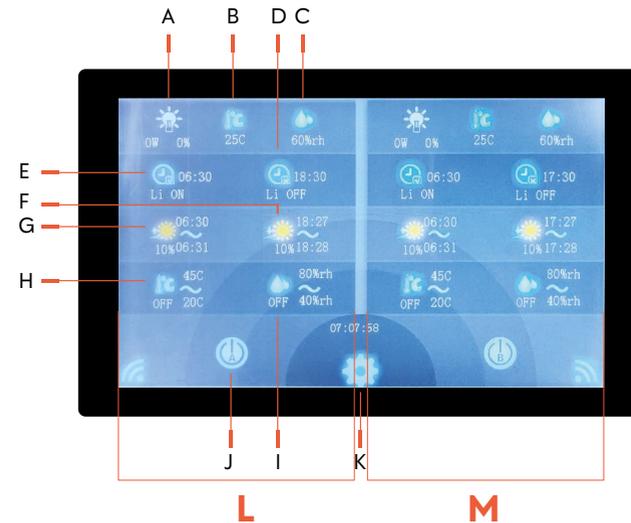
INTELLIGENT
CONTROL
SYSTEM MANUAL



WARRANTY

CALIVE grow light products are covered by a **5 year** limited warranty. CALIVE grow light warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 5 years from date of purchase. To obtain warranty service please contact your local distributor or sales rep for further instruction.

INTERFACE INTRODUCTION

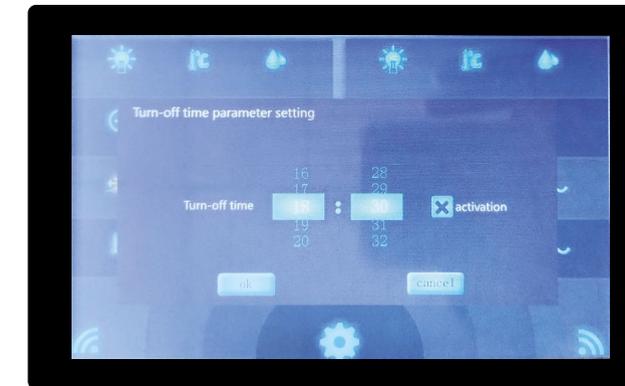


The entire interface is divided into two zone controls, A and B. This allows you to control and meet the needs of different zones.

A	It displays the current switch status, power value, and dimming ratio of the lamp. The highlight is on, and the gray is off.
B	Displays the current ambient temperature.
C	Display the current environmental humidity value.
D	The current scheduled shutdown time is displayed. Press this key to enter the secondary page to set the scheduled shutdown time.
E	The current power-on time is displayed, press this key to enter the secondary page to set the scheduled power-on time.
F	Sunset lighting display page, press this key to enter the secondary page to set the sunset mode parameters.
G	Sunrise lighting display page, press this key to enter the secondary page for setting the sunrise mode parameters.
H	The high and low thresholds of the current temperature are displayed. Press this key to enter the secondary page to set the high and low thresholds of the temperature.
I	The high and low thresholds of the current humidity are displayed. Press this key to enter the secondary page to set the high and low thresholds of the humidity.
J	Switch light button, press this key to realize real-time light switch.
K	Enter the system page button.
L	A zone.
M	B Zone, the function is completely symmetrical with A Zone.

01. SCHEDULED ON/OFF SWITCH SETTING

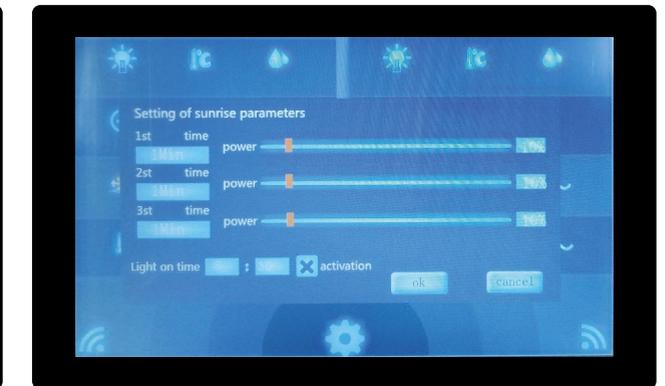
The scheduled On/Off switch setting is on the second page and is mainly used to schedule an On/Off time for the light. Please refer to the instructions below.



Scroll the numbers in the input box to set the hours and minutes for the scheduled timer. Then, click activation to enable the function. Once you are finished, press OK to exit the secondary page.

02. SUNRISE AND SUNSET SETTING

The sunrise and sunset setting control the changes in the lamp when the sun rises and falls. It will adjust brightness and dimming based on different times throughout the days.



Both start and end times are dependent of local sunrise and sunset. 1st time, 2nd time, 3rd time are the duration of each segment and the corresponding scroll bar is the current dimming ratio setting of that time setting. After you select the setting, press activation to enable the function and press OK to exit the secondary page.

03. TEMPERATURE AND HUMIDITY SETTING

The temperature and humidity setting adjusts the high and low threshold of the current ambient temperature. When the humidity exceeds the threshold range, it will trigger the activation of the peripheral devices such as air conditioners and dehumidifiers.



Press the input box and the number will pop up, then press the keyboard to enter the number. Click the activation key after the input is complete to enable the function. Press OK to exit the secondary page.