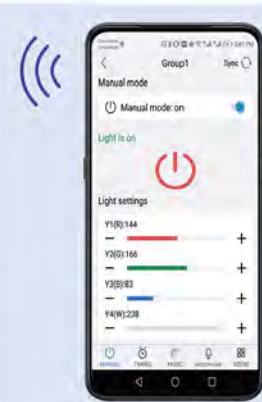
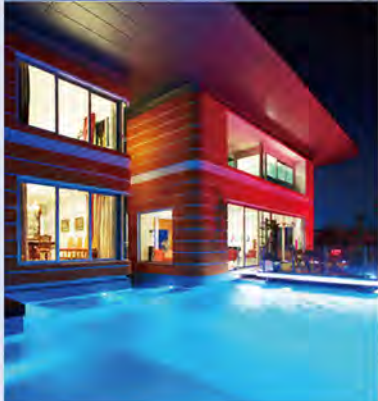


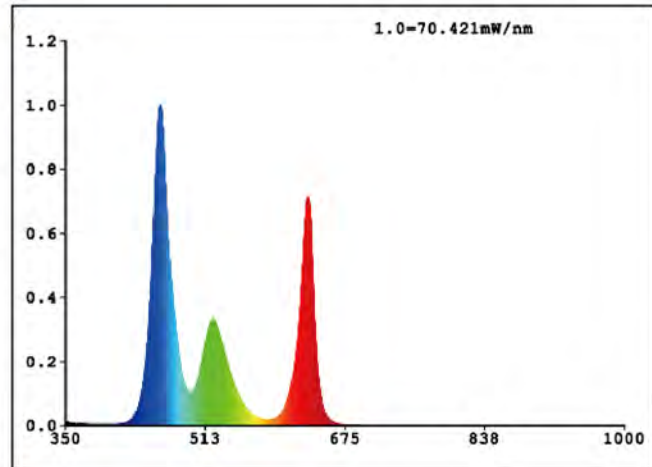
SMART LED LIGHT SYSTEM APP USER'S MANUAL



Product Specification:

Spectrum	led beads color	Input Voltage	Maximum Current	Power cable length
630nm	Red	AC/DC12V 50/60HZ	2.0A	3 meters 5 meters
520nm	green			
460nm	blue			

Spectrogram



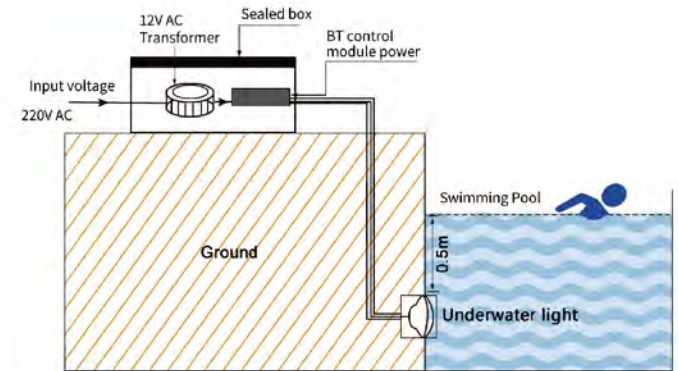
Usage

1. Open the package and check whether all accessories are included completely;
2. According to the installation diagram, connect the lamp to the power supply correctly;
3. The lamps will flashing 4 times after you connect to home power, then it will work in normal;
4. Scan the QR code of "Smart System" with your mobile phone and install APP software;
5. Open the APP, refer to the APP installation manual, connect the lamp, and enter the control management to set for lamps;
6. Each mobile phone can connect up to 6 devices;
7. Please turn off the power when you don't need to use the lamps;

Warranty

we provide one year warranty, please contact us with your order number.

Installation:



1. Electrical transformer with output 12V should be already prepared before installation for the lamp.

2. Please use electronic transformer to connect Home electricity power with underwater lamp.

3. Special tips for series 1: Please fix waterproof silicon blue ring first then mount the lamp by screws and bottom plate tightly.

4. Special tips for series 2: Please fix the lamp to the niche (Niche needed to be prepared before lamp installation)



Warning

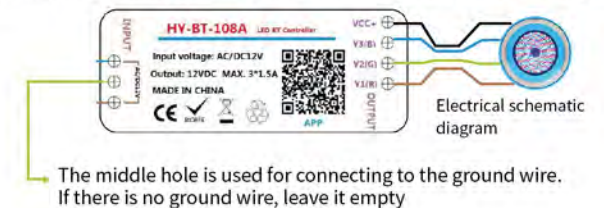
1. Installation/repair/maintenance should be operated by professional electricians;

2. Lamps can not be used in flammable, explosive, high temperature and corrosive places;

3. Direct connecting to AC 220V is not allowed, otherwise the lamp is easy to be damaged and swimmer will get electric shock.

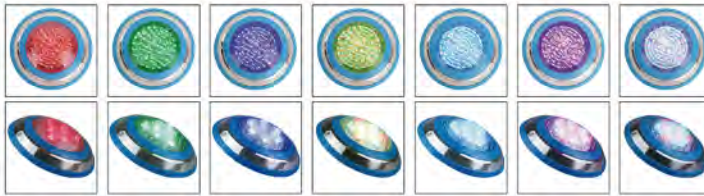
4. please notice: Connection port with 4 wires on the bluetooth control module power should connect to the lamp, connection port with 3 wires should connect to the AC12V transformer.

5. If you need to disconnect the Bluetooth module power supply and the lamp during installation, please use the screw to unscrew the screw. When reconnecting the lamp, please connect the wires of the same color together



User Manual of Led Underwater light

Production Information: (Series 1)



Model:	HY-H290-54S-RGB	HY-H290-54S-W	HY-H290-234S-RGB	HY-H290-234S-W
Size	290 * 290 * 70mm	290 * 290 * 70mm	290 * 290 * 70mm	290 * 290 * 70mm
Rated wattage	54W	54W	46.8W	46.8W
Actual wattage	26.3W	26.3W	25W	25W
Working Voltage	AC12V	AC12V	AC12V	AC12V
Waterproof Level	IP68	IP68	IP68	IP68
Waterproof Level	RGB	Cool White	RGB	Cool White
LEDs / Quantity	3W*18pcs	3W*18pcs	0.2W*234pcs	0.2W*234pcs
Lifespan	50000 hours	50000 hours	50000 hours	50000 hours
Warranty	1 year	1 year	1 year	1 year
Material	Stainless steel + PC	Stainless steel + PC	Stainless steel + PC	Stainless steel + PC

Production Information: (Series 2)



Model:	HY-P56S-234-RGB	HY-P56S-234-W	HY-P56-54W-RGB	HY-P56-54W-W
Size	178x178x108mm	178x178x108mm	178x178x105mm	178x178x105mm
Rated wattage	23.4W	23.4W	54W	54W
Actual wattage	21W	21W	26.3W	26.3W
Working Voltage	AC12V	AC12V	AC12V	AC12V
Waterproof Level	IP68	IP68	IP68	IP68
Color of Emitting-light	RGB	Cool White	RGB	Cool White
LEDs / Quantity	0.1W* 234pcs	0.1W* 234pcs	3W*18pcs	3W*18pcs
Lifespan	50000 hours	50000 hours	50000 hours	50000 hours
Warranty	1 year	1 year	1 year	1 year
Material	Stainless steel + PC	Stainless steel + PC	Stainless steel + PC	Stainless steel + PC

please note: product picture are only for reference, please refer to the actual item you ordered.

一、Install APP

1. Scan the QR code below:



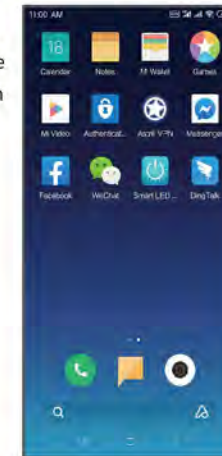
2. Click "APP Store" or "Google Play", then it will lead you to the app store or Google Play to find our software. The app name is "Smart Led Light System", search with this name, then you can find it and download it.



3. If you already have App Store or Google Play, then enter into it directly and search with name "Smart Led Light System" to download.



Smart Led Light System





二、Instructions


1. Turn on mobile phone BT and positioning


2. Click "Smart LED Light System" APP


---Click Language to select the language

---Click Add Group , Add Group


---Click , Enter group management settings

---Click , Enter group control settings

---Click , Delete Group

---Click , Group light switch, turn off / on



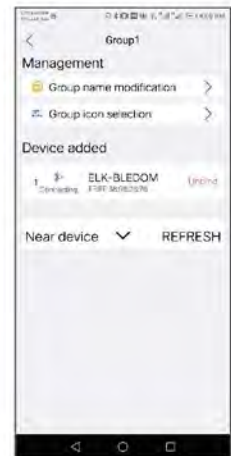
3. Click management , fixture selection & banding


----Group name modification


----Group icon selection


----Add / unbind fixtures


If you can see unbind, it means the fixture group successfully added




4. Click management  , Access control operation

 Manual mode interface

Click “” to switch manual mode to on or off.

 Group lighting on/off on APP;


Lighting settings:
slide or click the symbol +, - to achieve the light brightness adjustment.
The RGB underwater lamp has no white color channel, only have red, green, blue 3 channels.


 If you find that the lamps are out of sync or there is a delay, please click the “Sync Refresh” icon in the top right corner.



How to use:

Click each set of timing group, you can set the start time, stop time and brightness of different color channel.

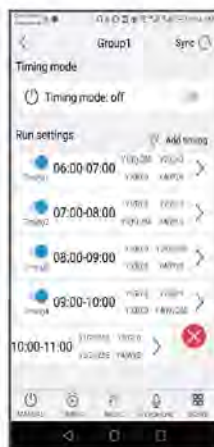
5. Click  , Enter the timing control setting interface


Click “” to switch Timing mode to on or off.


 Add timing


Click “Add timing” to add a new time group , the new set time can't overlap with the existing time group.

 Slide left to delete timing items



6. Click  , Enter music mode

Click “” to switch Music mode to on or off.


 Select music, click the button to play


Lighting effect:

The led lamps will change light with the tune of the music.



7. Click  , Enter MICmode


Click “” to switch microphone mode to on or off.


 MIC Sensitivity adjustment


How to use:

Speak or sing into microphone, then you can control the underwater lamp light change by your voice or song.



8. Click  , Enter scene mode

Click “” to switch Scene mode to on or off.

 If you find that the lamps are out of sync or There is a delay, please click the “Sync Refresh” icon.

How to use:

select one of effect mode, then The all lamps will change according to the corresponding mode.



FCC Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Reorient or relocate the receiving antenna.
- Reorient or relocate the receiving antenna.
- Consult the dealer or an experienced radio/TV technician for help important announcement Important

Note:

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.