

Led Aquarium Light Control System User Manual

Thank you for using our Smart LED Aquarium Light!

Introduction

This intelligent controller comes with a MCU(Micro Computer Unit) with Wi-Fi functions built-in. With this Wi-Fi ready MCU system, the LED brightness can be changed over time, thus providing a healthy and more natural environment for aquatic plants and fish. It can control up to 3 channels.

Channel 1: White Channel. White, green and red LEDs promotes the photosynthesis and growth for aquatic plants. It also makes the water look clearer and the aquatic plants more lifelike. The LED have great light penetration and make the color of the fish and corals brighter and more vibrant, providing the best visual effects for enjoying your aquarium.

Channel 2: Blue Channel. Lighting with blue and violet LEDs, will make the water look clear blue like sea water. The blue spectrum of light is good for the growth of coral, polyodon spathala, shrimp etc.



Please note that currently 'Aquarium Smart Control' is only available for iOS System smart phone.

Technical Specs

Power supply input: AC100V~265V 50/60HZ.

Working temperature: -10°C~+40°C

Storage Temperature: -40°C~+75°C.

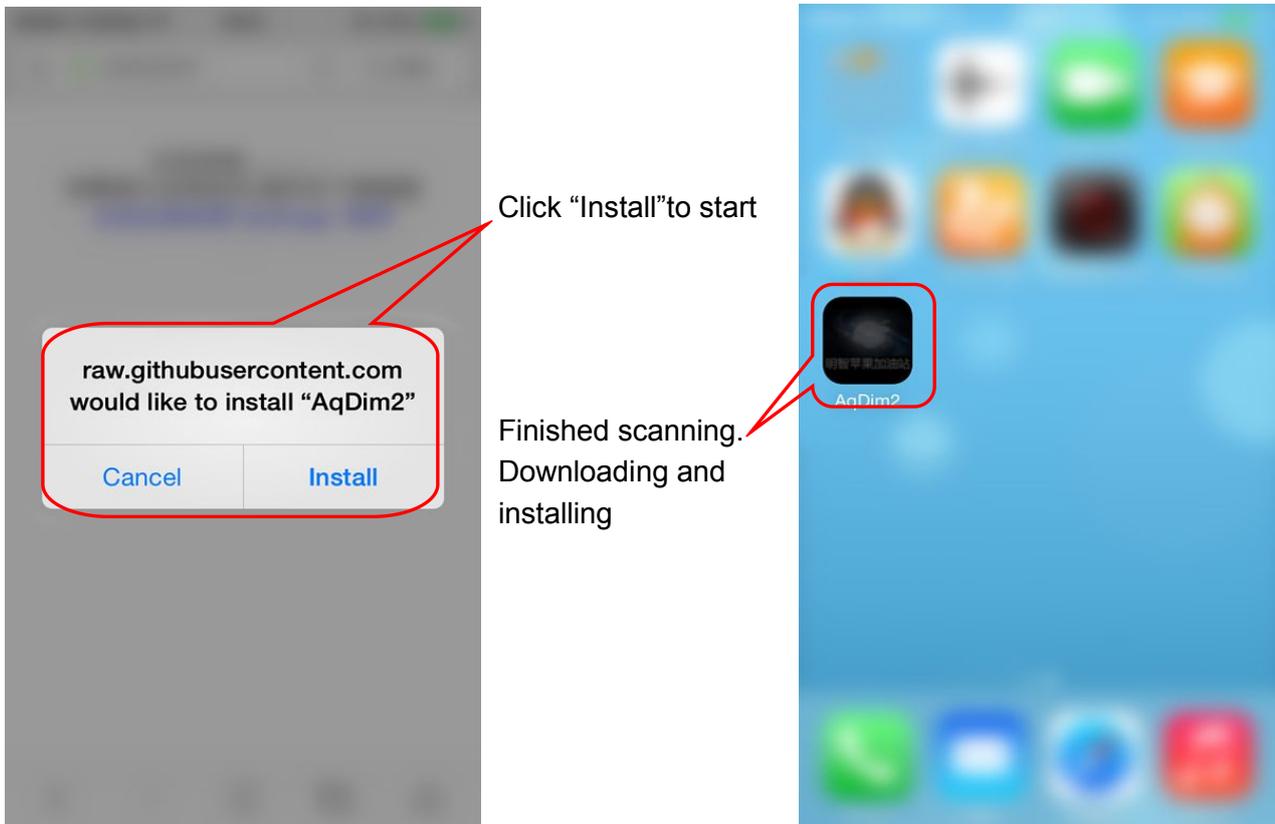
Wireless signal frequency: 2.4GHZ

Wireless signal covering area: 5m~100m, based on environment.

Installation

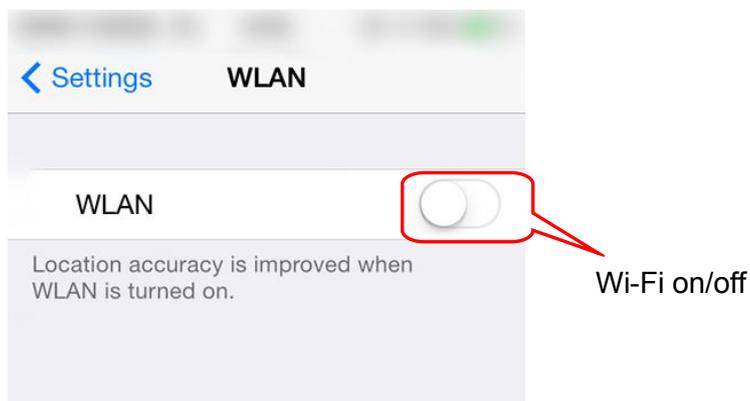
*Please note, a QR reader is needed to download this app. These can be found in the Appstore

- From your Apple device scan the QR Code
- Scan the QR Code from the label on the lights or on the box.



Steps for connection

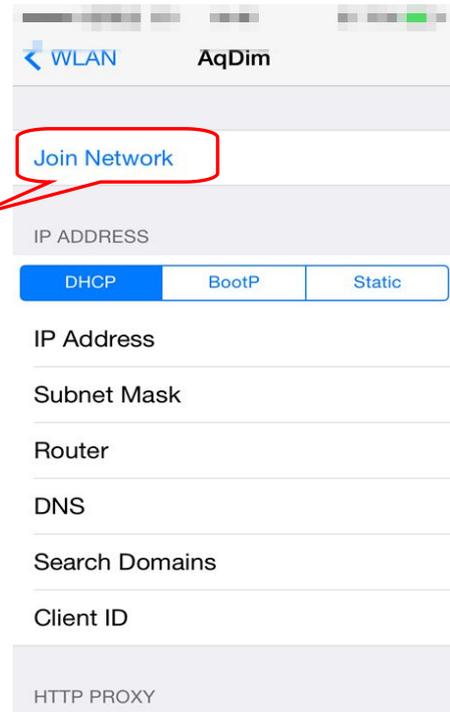
- Connect the light to your iPhone:
- Plug in the led lamp.
- Keep iPhone's Wi-Fi on.



- Choose this APP's Wi-Fi (default name is AqDim, and code is 12345678)



Then enter the password to join

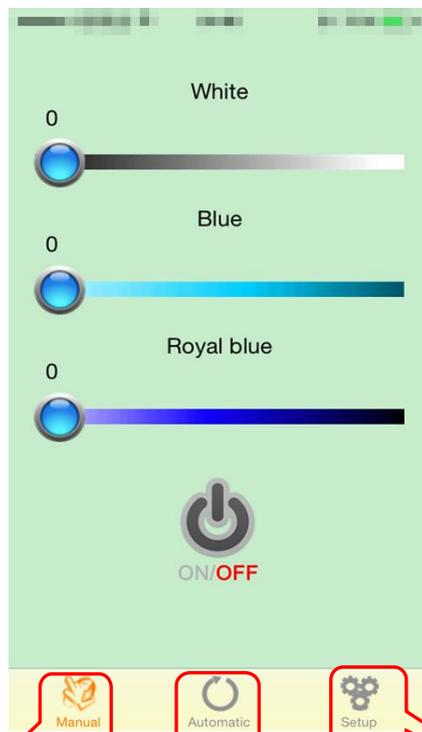


Connect here

- Be sure light control selector switch is turned to Wi-Fi



- Open the APP and start setting, then the led lamp can be connected with iPhone.

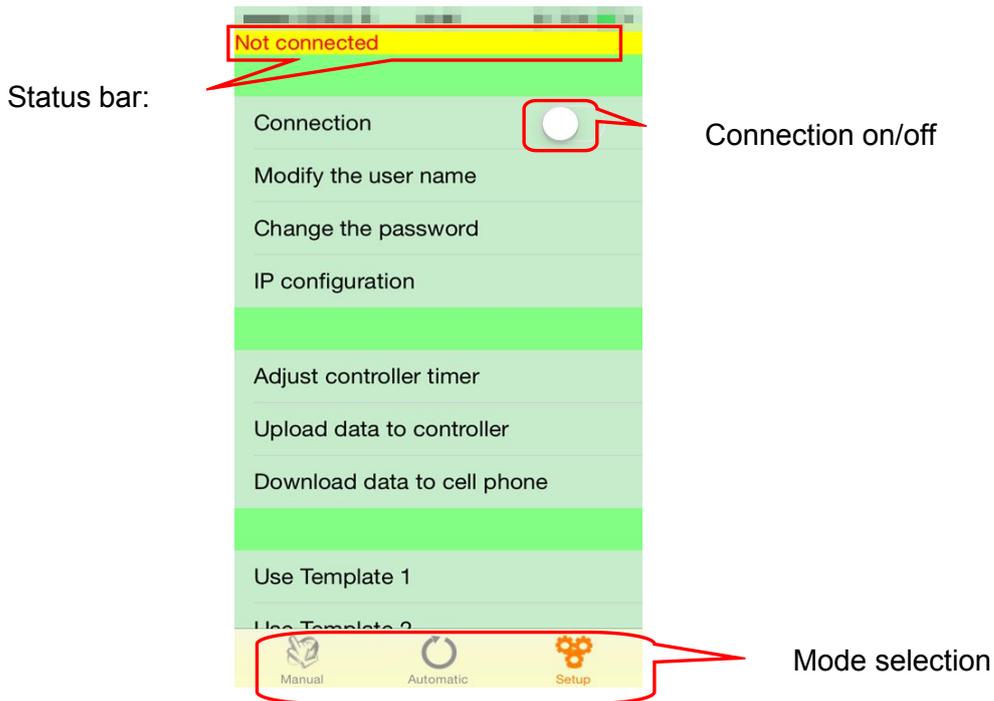


Manual control mode

Automatic working mode

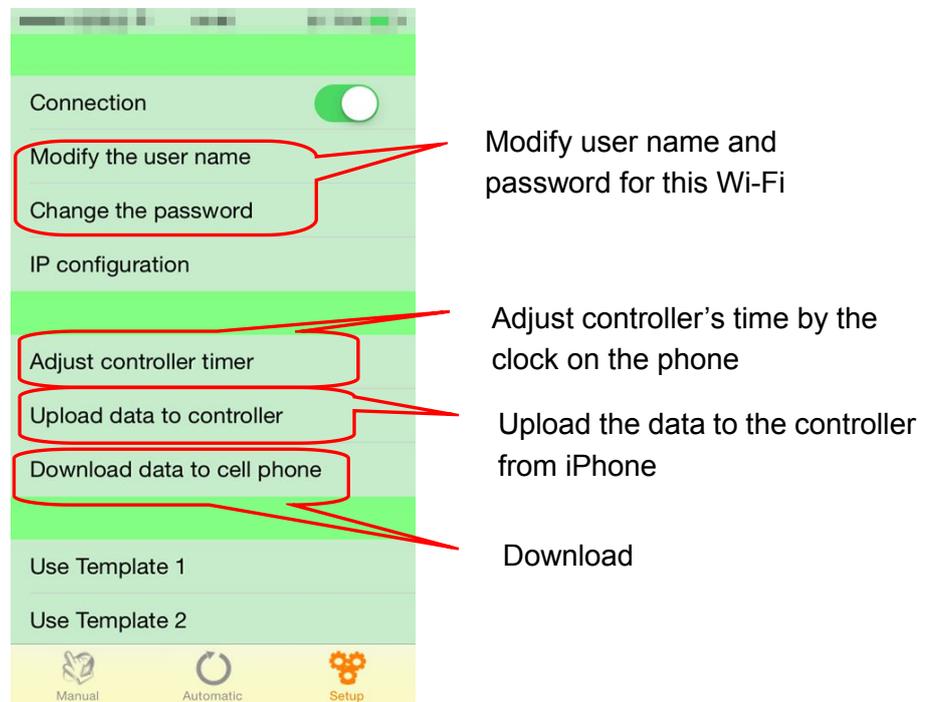
Setting

— Setting, “Setup” button



If you are having trouble connecting, check your Wi-Fi's name and security code. If the problem persists, check that the light has power and move your phone closer.

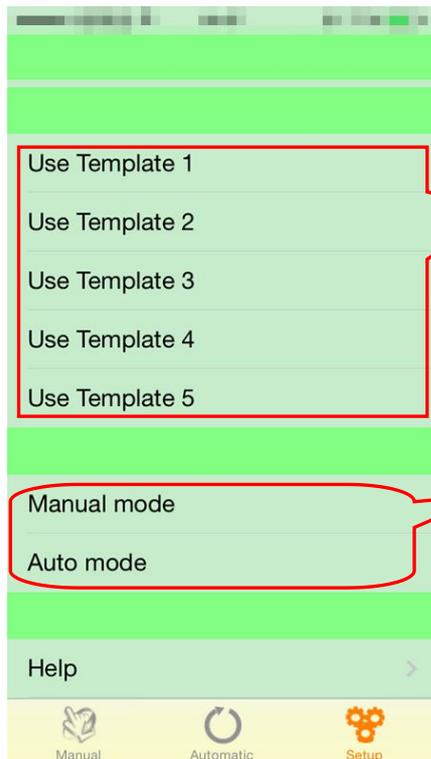
Connected successfully.



 Please make sure the app and the light are connected when modifying your user name or password, or the modification will fail.

After successfully completing the above steps you can now set and adjust the light to your preferences

Modes' selection and setting



Factory default setting 5 templates to mimic different season's sunrise, sunset & lunar cycle
Time and brightness please refer to the **Attachment 1** in the end of these introduction

places the light in manual or auto mode from phones programming

 Please do not change the brightness of the lamp after Automatic mode start up, or the automatic mode will be canceled.

— Manual mode, “Manual” button

➤ Users can adjust the intensity of White, Blue channels from 0 to 100% by moving the button 

➤ ON/OFF  button can exchange the brightness from 0 to 100%.

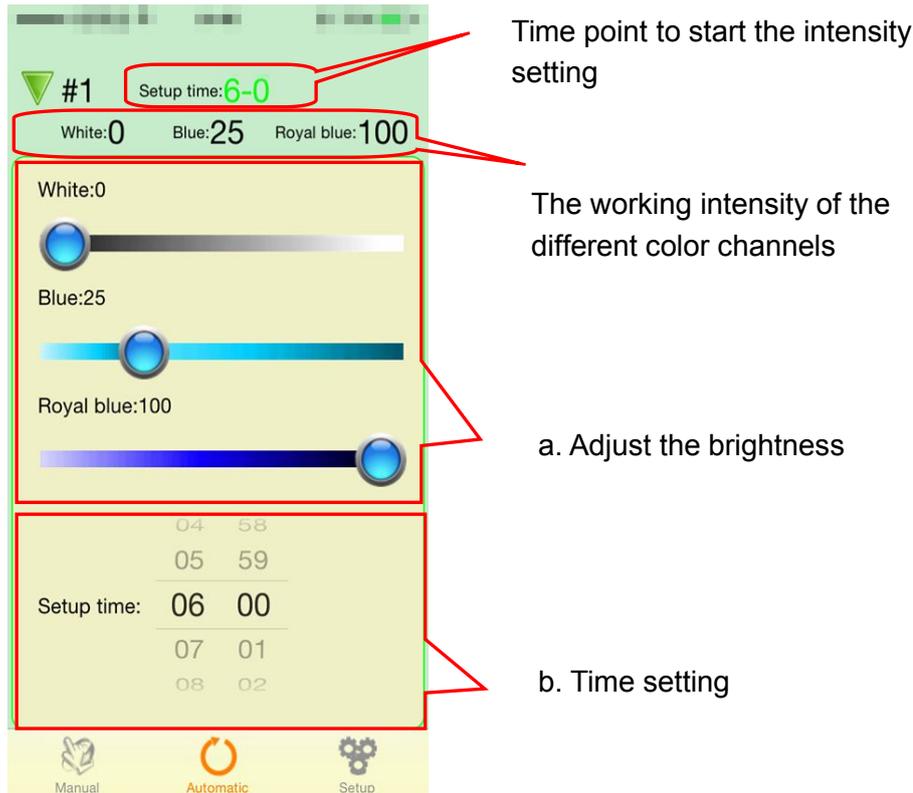
— Automatic mode, “Automatic” button

 **The indicator light on controller will flashing with regular under automatic mode.**

You can program up to 24 time points for custom adjustment of all color channels.

Click here  to edit the data of timer





Reclick  to finish setup, then the lamp will work at "a"s brightness at the time of "b" until the next set time point.

⚠ Make sure that the APP is connected when setting the brightness and time. If edited offline, you can connect the app and light later to lamp after setup.

Other function

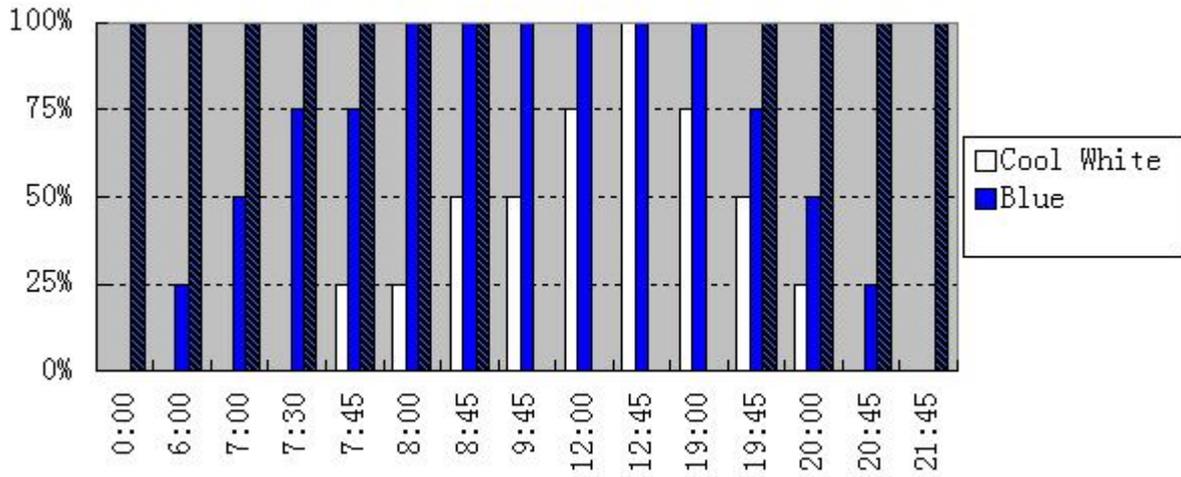
Reset to factory default- While the light is on using a small object press and hold the reset button located on the top of the light, the indicator light will begin flashing rapidly.

Warning, this will erase all custom settings and restore all factory settings including Wi-fi name and password

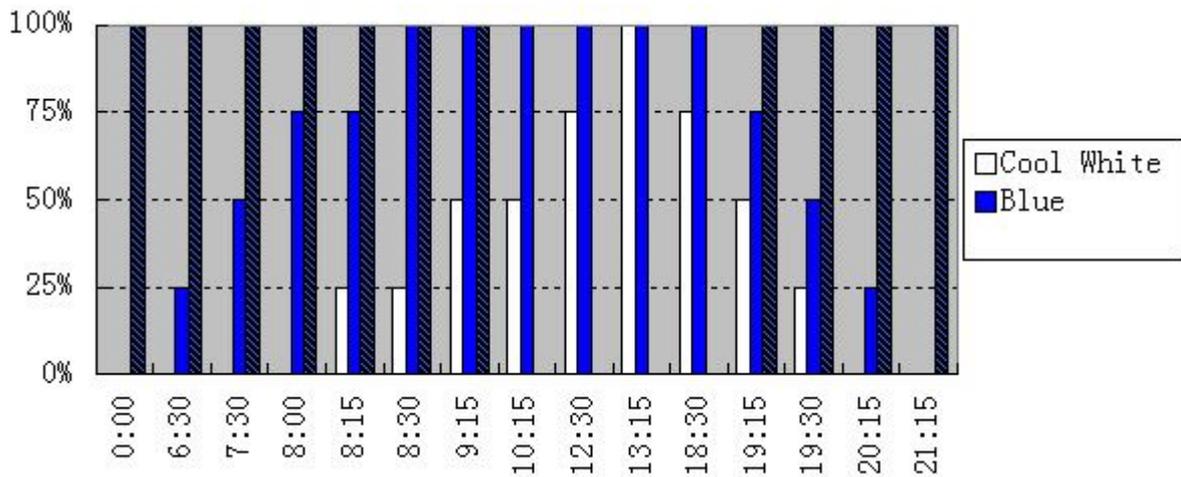


Attachment

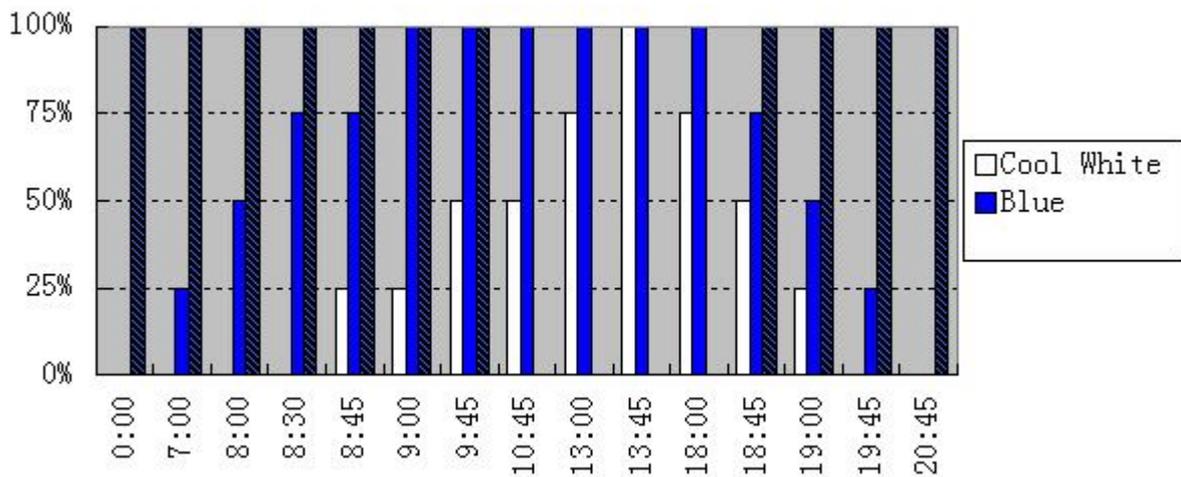
Template 1



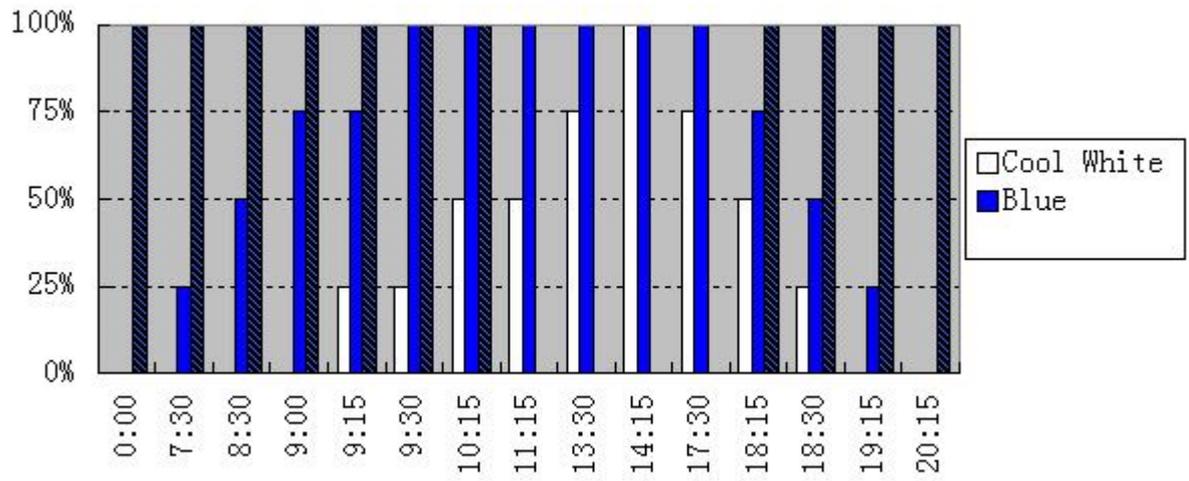
Template 2



Template 3



Template 4



Template 5

