NANLITE

USER MANUAL

PavoTube 15C RGBWW Tube Light

PavoTube 15C RGBWW Tube Light

▌ Product Show

▌ Technical Data

Color Temperature: 2700K-6500K
CRI(Ra): 98
LED Quantity: 400PCS
LED Power: 16W x 5
DC Input Power: 15V DC-3A
ta=40°
Lithium Battery: 14.8V/2200mAh, 32.5Wh

Product Detail
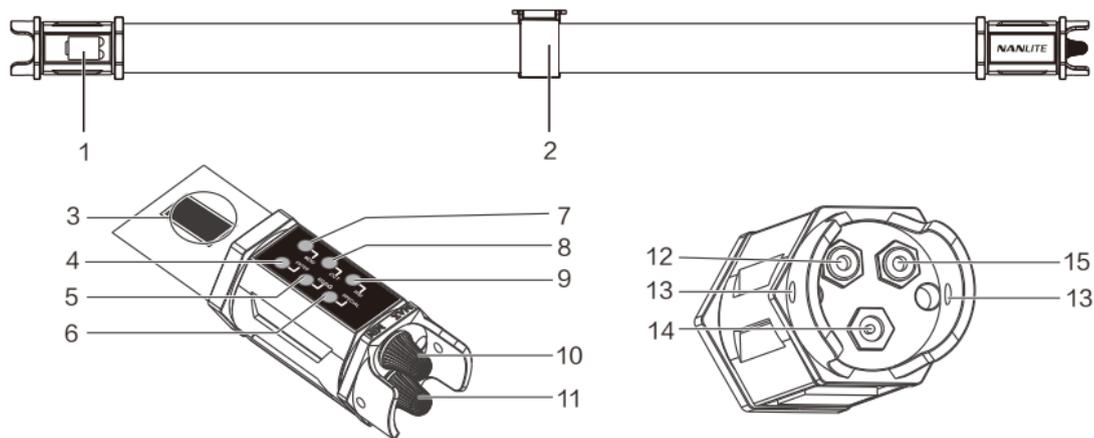
Detailed description

1. Power Switch: Turn on/off the fixture.

2. Clip: For fixing the tube light.

3. Display: For showing the related data.

4. ENTER Key: For releasing the selected option.

5. RGB Key: For entering the interface of RGB color cycle and switching different cycle modes.

6. SPECIAL Key: For entering the interface of special effects and switching from different special effects.

7. MENU Key: Menu function control interface.

8. CCT Key: For entering the interface of CCT mode to set the color temperature and brightness of the fixture.

9. HSI Key: For entering the HSI interface to set the hue, saturation and brightness intensity.

10. Dimmer Knob: For adjusting the brightness intensity, saturation and hue, etc.

11. Function Knob: For function selection and color temperature adjustment.

12. IN: Synchronous input interface.

13. Fixing Hole: For hanging the fixture with steel wire rope.

14. DC Power Socket: DC power input interface.

15. OUT: Synchronous output interface.

Usage

1. Power connection

①Please switch off the power then connect the power adapter.

Note: When connecting the power supply, please make sure that the power, voltage and frequency are consistent with provided power supply.

②The fixture was built-in lithium battery, it can supply power after charging by power adapter.

2. Light Fixture Installation

①Common orientations & arrangements of PavoTube.

Upward in 90°   Upward in 60°   Downward in 30°   Downward in 0°

②The fixture can be hung with steel wire rope (The max load is 20KG).

Parallel Connection   Serial Connection
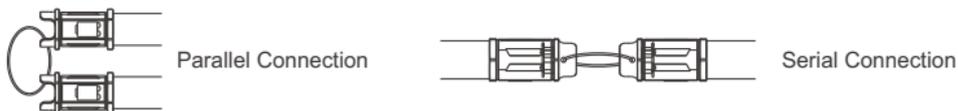
③The fixture also can be mounted on the light stand with 1/4-20" screws mount (There are two 1/4-20" screw holes

on the clip), or attach the fixture with a ball head, then mount the fixture on the light stand.

3. 2.4G Wireless Remote Control

The PavoTube 15C is designed to work with a 2.4G remote controller or Nanguang WIFI-APP via WIFI transfer

device to control the light remotely.

NOTE:

(1). 2.4G remote controller or WIFI transfer device should be bought additionally. (See separate instructions for

remote controller or WIFI transfer device.)

(2). If you need synchronous control of multiple lights, connect the lights with synchronous cables, select one light

as the master, the others as the salve, then the users can operate the master to synchronous control of the

other lights.

(▲Note: This function can control 10pcs of the light at a time.)

Operating Instructions

1. Please make sure that the power switch on the fixture is in the "off" position, then connect the fixture to the adapter with the power cable. When turned on, the screen will light up, that means the power is active.

2. MENU Key: Press the MENU key to enter the interface of the main menu.(See sketch as below)

▼Main Menu

```
Menu:
1.CCT
2.HSI
*3.Special Effect
4.Cycle
5.Address
6.Combine Control
7.Battery
```
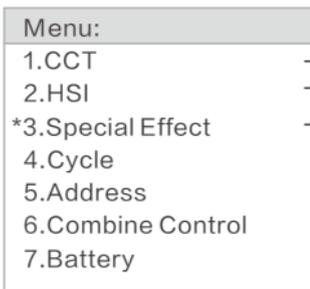
Note: Select the menu option
via function Knob, then
press Enter key to
release this function.

▼Second Level Menu
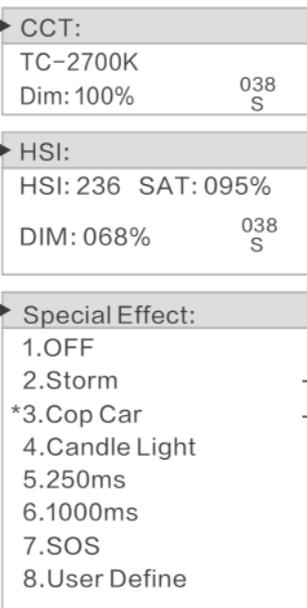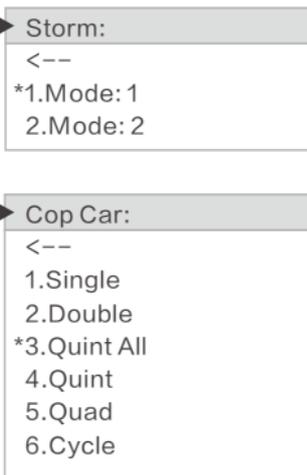
```
CCT:
TC−2700K
Dim: 100%        038
                  S
```

```
HSI:
HSI: 236  SAT: 095%

DIM: 068%        038
                  S
```

```
Special Effect:
1.OFF
2.Storm
*3.Cop Car
4.Candle Light
5.250ms
6.1000ms
7.SOS
8.User Define
```

▼Third Level Menu

```
Storm:
<−−
*1.Mode: 1
2.Mode: 2
```

```
Cop Car:
<−−
1.Single
2.Double
*3.Quint All
4.Quint
5.Quad
6.Cycle
```

▼ Main Menu

Menu:
1. CCT
2. HSI
*3. Special Effect
4. Cycle
5. Address
6. Combine Control
7. Battery

Note: Select the menu option via function Knob, then press Enter key to release.

▼ Second Level Menu

Special Effect:
1. OFF
2. Storm
*3. Cop Car
4. Candle Light
5. 250ms
6. 1000ms
7. SOS
8. User Define

Cycle:
1. OFF
*2. 12S
3. 4S
4. User Define
   Sat:100%

Address
ADDR: 078

Combine Control:
1. Master
2. Slave

Battery
Battery: 96%

▼ Third Level Menu

Candle Light:
<--
1. DIM: 020
*2. SPD: 085
3. Mode: Warmer

User Define
<--
TIM: 3638ms
DIM: 100

User Define
<--
Cycle: 02S
DIM: 100

▲ (Note: The above menu interface would only display two lines, just display two lines which near the option with "*", as the figure shows `*4. Cycle` `5. Address`, and it need to rotate the function knob to scroll the interface and select options.)

NANLITE

①CCT option: `TC-2700K Dim:100% 038 S` The function knob is used to adjust the color temperature and the dimmer knob is used to adjust the brightness.

   (Note: The "038" shows in the figure above means the address code of the fixture, "S" means slave mode. These two modes can be adjusted when entering the interface of "Adress" and "Combine Control", same as the following other interface functions.)
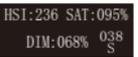
②HSI option: `HSI:236 SAT:095% DIM:068% 038 S` The function knob enables you to select hue, saturation and brightness intensity, and the dimmer knob is used to adjust the related brightness.

③Special Effect: Select the Special Effect to enter option of special effect mode.

   (1)OFF means turn off the special effects.

   (2)Select Storm to enter the option of storm mode.

   " <−−" means return to previous menu.

   Mode 1 means Storm mode 1

   Mode 2 means Storm mode 2

   (Note: The light will function under Storm mode, select Mode 1 or Mode 2 then press ENTER key to trigger the storm mode, which can be continuously tiggered by continuously pressing. The function knob is used to select the option and the dimmer knob to adjust the brightness.)

   (3)Cop Car: Select Cop Car to enter the option of cop car mode.

   " <--" means return to previous menu.

   Single means alternate the red and blue lights, flashing once per cycle.

   Double means alternate the red and blue lights, flashing twice per cycle.

   Quant All means the red and blue lights flash three times at the same time per cycle.

   Quant means alternate the red and blue lights, flashing three times per cycle.

   Quad means alternate the red and blue lights, flashing four times per cycle.

   Cycle means the auto cycle for the above five cycle modes.

(Note: The function knob is used to select the option and the dimmer knob to adjust the brightness.)

(4)Candle Light: Select Candle Light to enter the option of candle light mode.

" <--" means return to previous menu.

DIM means the brightness of candle light.

SPD means the speed of the candle flicker.

MODE means the option of candle color.

(Note: The function knob is used to select the option and the dimmer knob to adjust the selected option.)

(5)250ms means the flash frequency of 1/4s.

(Note: Press ENTER key to trigger the Storm mode, rotate the dimmer knob to adjust the brightness.)

(6)1000ms means the flash frequency of 1s.

(Note: Press ENTER key to tigger the Storm mode, rotate the dimmer knob to adjust the brightness.)

(7)SOS means the SOS flashing mode.

(Note: Press ENTER key to tigger the Storm mode, rotate the dimmer knob to adjust the brightness.)

(8)User Define `<-- TIM:3638ms` means that the users can customize the flash frequency.

④Cycle: Select Cycle to enter the option of color cycle mode.

(1)OFF means turn off the color cycle mode.

(2)12S means a 12 second duration per cycle.

(Note: The function knob is used to select the option and the dimmer knob to adjust the brightness.)

(3)4S means a 4 second duration per cycle.

(Note: The function knob is used to select the option and the dimmer knob to adjust the brightness.)

(4)User Define `<-- Cycle:02S` means the users can customize the color cycle time.

(Note: The function knob is used to select the option and the dimmer knob to adjust the brightness and color cycle time.)

(5)Sat `Sat:100%` means the saturation of the light.

(Note: The dimmer knob is used to adjust the saturation of the light.)

⑤Adress option `ADDR:038` is to set the address code for the fixture's wireless control.

(Note: The function knob is used to adjust the address code number from 001 to 100.)

⑥Combine Control option `* 1.Master 2.Slaver` is for setting the master-slave mode.

(1)Master mode allows this tube to control all other connected tubes.

(2)Slave mode allows this tube to be controlled by master tube.

(Note: The function knob is used to select the option, then press MENU key to confirm the master-slave mode.)

⑦Battery option `Battery: 096%` is for checking the capacity of the battery.

(Note: Select the Battery option and press ENTER key to check the capacity of the battery.)

3. CCT Key: Press the CCT key to enter the operation interface of the CCT mode `TC-2700K Dim:100% 038 S` .

4. HSI Key: Press the HSI key to enter the operation interface of the HSI mode `HSI:236 SAT:095% DIM:068% 038 S` .

5. ENTER Key: Press the ENTER key to release the selected option.

6. RGB Key: Press the RGB key to enter the operation interface of the color cycle mode, continue to press to change the cycle mode.

Cycle mode 1, `CYCLE MODE:1 CYC:12S 038 S` a cycling period is 12 seconds;

Cycle mode 2, `CYCLE MODE:2 CYC:4S 038 S` a cycling period is 4 seconds;

Cycle mode 3, `CYCLE MODE:3 CYC: 02S 038 S` a cycling period is from 2-16 seconds and

user can customized the speed based on needs. `OFF` Turn off the color cycle mode.

(Note: To adjust the saturation via function knob when in cycle mode 1 and cycle mode 2, and adjust the cycle time in cycle mode 3, the dimmer knob is used to adjust the brightness.)

7. SPECIAL Key: Press SPECIAL to enter the special effect interface, continue to press it to change the effects.

`COPCAR MODE: Single 038 S`	Cop Car	`Candle Mode *1.DIM:000`	Candle	`FLASH TIME 0250ms 038 S`	1/4s Flash frequency
`FLASH TIME 1000ms 038 S`	1s Flash frequency	`FLASH TIME 6000ms 038 S`	Custom flicker	`SOS_MODE 038 S`	SOS flashing mode
`STORM MODE:01 038 S`	Storm mode 1	`STORM MODE:02 038 S`	Storm mode 2	`OFF`	The special effect is off.

Note: The function knob is used to select police car mode under police car function; used to adjust the brightness, speed of candle flicker and candle color under Candle mode. The flash user-define can custom adjust the flash frequency within 0100ms-6000ms. The dimmer knob is used to adjust the brightness. When under STORM MODE 1 and STORM MODE 2, should press the ENTER key to trigger the storm mode.

·Some special lighting effects may be updated for the upgraded controller firmware, please learn more details about our newest function description.

8. When stop using the fixture, turn off the switch.

Safety Precautions

1. Please open the package to check if it is damaged due to transportation after receiving the light. In case of damaged cased by transportation, please do not use the light and contact the dealer or manufacturer as soon as possible.
2. Do not use a power cord with damaged insulation. Do not unplug hard or drag the power cord directly.
3. Make sure that the power supply voltage used matches the voltage specified by the light before installation.
4. When not using or cleaning the light, please turn it off.
5. Keep the light safely stored and away from children.

NANLITE

▌Notice

1. When the light is on, don't look direct at the emitter.
2. Don't place objects on the light emitter or allow liquid to flow inside the fixture or the emitter.
3. Don't place fixture near flammable substances like alcohol or gasoline.
4. When cleaning the fixture, please wipe off debris or dirt using cloth and only dampen with water or light cleanser.
5. The fixture should be placed in a well ventilated place and do not use in humid, dusty or overheated environment.
   The temperature of the environment should not be higher than 40℃ and do not use or store the fixture around
   objects with high heating.
6. Do not repair the fixture yourself. Repair professionals, please adhere the user manual while troubleshooting.
7. When using the fixture for a long time, the temperature of the fixture is high, please pay attention to anti-scalding.

▌General Fault Detection and Diagnosis

Fault Detection	Diagnosis
The fixture won't boot up properly.	1. Please check if the power adapter is normal and the voltage is within the specified range. 2. Please check if there are any loose connection between the adapter, power cord or port on fixture. 3. Please check if the LCD screen is on, if yes, please check if the DIM shows zero or in "Storm" mode.
The fixture has an abnormal flicker.	1. Please check if the adapter voltage is within the specified range. 2. Please check if there are any high temperature object near that make the operational environment temperature too high.
The fixture turns on, but controller is not function.	Please check whether the address code setting of the fixture is correct or not.

What's in the box? Please kindly check.

PavoTube 15C×1	Power Adapter×1	Clip×1	User Manual×1
Carrying Bag×1	Power Cable×1	Steel Wire Rope×2	

The instruction was written according to the strict production test of our company, if there are any changes related to the design of the product later, we will not keep you updated for that.

NANLITE

📞 +86-754-85751187   🖥 +86-754-85300887
✉ service@nanlite.com   📍 Zhanglin,324,Dongli Chenghai Shantou Guangdong China

www.nanlite.com