NANLITE

USER MANUAL

PavoTube II 6C
RGBWW LED Tube Light

PavoTube Ⅱ 6C RGBWW LED Tube Light

▌Product Diagram
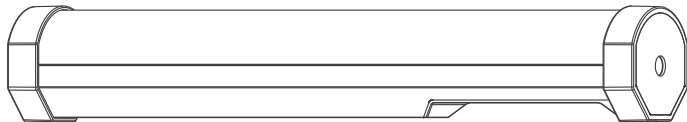
▌Technical Data

Color Temperature: 2700K-7500K + G/M Adjustment
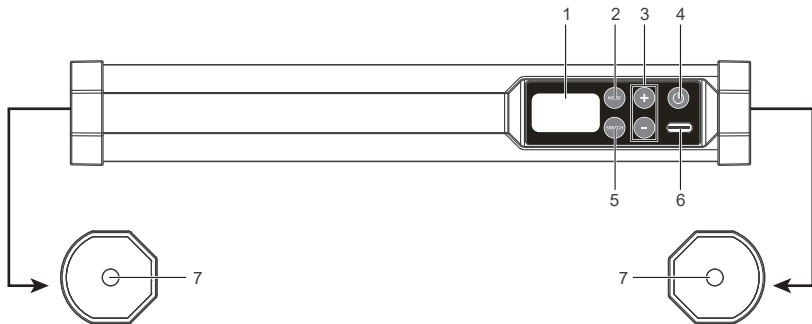CRI: Average 95
TLCI: Average 97
Number of LEDs: 166 pcs
LED Power: 6W x 5
Rated Input: 5V⎓2A
Lithium Battery: 3.7V/2200mAh, 8.14Wh

Product Details

Detail Description

1. Display: Menu and option display.
2. Mode: Switch between modes CCT, HSI, Effects and Menu.
3. " + " & " − " : Increase or decrease settings, supports long/short press.
4. Power: Power on/off.
5. Switch: Switch selected options.
6. USB Type C port: DC input & firmware updates.
7. 1/4-20 mount: Standard mounting fixture.

▌Usage

1. Powering the unit.
   ① Connecting the fixture with a USB cable, then connect with a USB adapter or powerbank (recommended 5V 2A or above - not included).
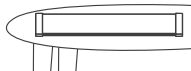

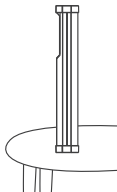
Connecting with USB adapter.

Connecting with power bank.

   ② Buiilt in battery automatically powers unit once charged and unplugged from a power source.
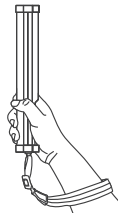
2. Installation.
   ① Horizontal & Vertial standing options. (see #1 and #2)
   ② Handheld option. (installing provided safety strap advised see #3)
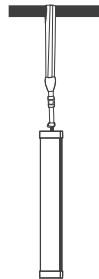   ③ Hanging solution. (see #4)


| #1 - Lay flat | #2 - Standing | #3 - Handheld | #4 - Hanging |

④ There are built-in magnets in both ends, allows you to simply attach the fixture on irony surface, or using iron plates to attach the fixture on other nonferrous surface .

Note: Please use gaffer tape to stick iron plates on the nonferrous sureface before attaching the fixture.
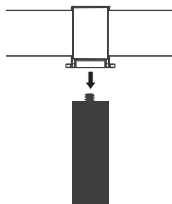

Irony Surface

Attach the fixture on it.

Use gaffer tape to stick iron plates on the nonferrous surface

Attach the fixture on iron plates
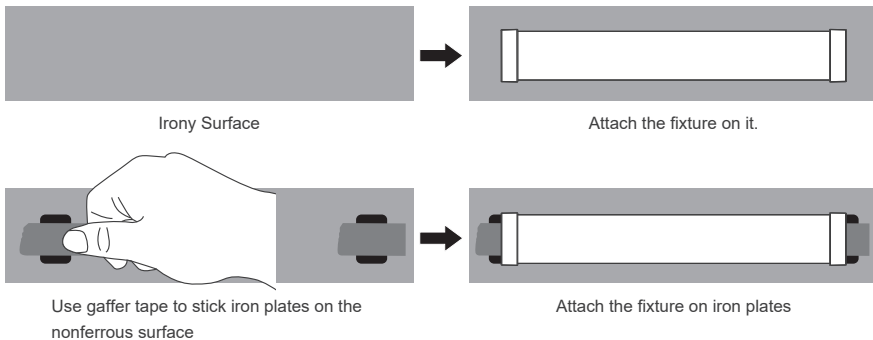
⑤ 1/4-20 mounting options （Note: Tripod, light stand, clamp and ball head are not included.）
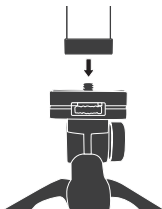
Mounting to tripod.　　Mounting to a light stand.　　Mounting to a clamp.　　Mounting to a ball head.

⑥ Waterproof bag is an optional accessory, fixture must be setup before placed in bag or controlled via remote options.

3. 2.4Ghz wireless control and bluetooth control.

With a Built-in 2.4Ghz receiver, the PavoTube Ⅱ 6C is able to be controlled remotely by using the optional WiFi controller (sold seperately). The PavoTube Ⅱ 6C also has built-in bluetooth module for more control option.

▌How to Operate

1. Long press 'power' button to turn on, 'NANLITE' logo will be displayed on start up.
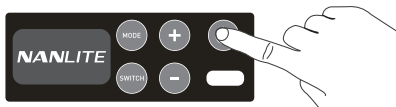
2. "Mode" button: Press to switch between modes - CCT, HSI, Effect and Menu.
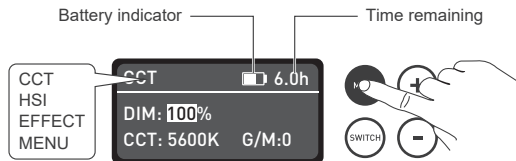
① In CCT mode, press "Switch" button to select from DIM, CCT and G/M, press" ➕ " and " ➖ " to adjust the value of DIM, CCT and G/M.

DIM range: 0% --- 100%   CCT range: 2700K --- 7500K   G/M range: -50 --- +50.

Press "Switch" button to select from DIM, CCT and G/M.

Press " ➕ " " ➖ " to choose needed value.

Note: In effect mode, the adjustable range of DIM, CCT and G/M are the same as CCT mode.

②In HSI mode, press "Switch" button to select from DIM, HUE and SAT, press" + " and " − " to adjust the value of DIM, HUE and SAT.

DIM range: 0% --- 100%   HUE range: 0 --- 360   SAT range: 0 --- 100.

Press "Switch" button to select from DIM, HUE and SAT.

Press " + " " − " to choose needed value.

Note: In effect mode, the adjustable range of DIM, CCT and G/M are the same as HSI mode.

③In Effect mode, pres " + " " − " to select special effect that needed, Pavotube Ⅲ 6C has built-in effects including Hue Loop, CCT Loop, INT Loop, CCT Flash, HUE Flash, CCT Pulse, Hue Pulse, Storm, Police Car, TV, Paparazzi, Candle/Fire, Disco, Bad Bulb, Firework, Explosion and Welding.

Press " + " " − " to choose needed special effect.

(1) HUE LOOP

Press "Switch" button to select from DIM, HUE 1, HUE 2 and Speed(SPD), press "➕" and "➖" to adjust the value of DIM, HUE 1, HUE 2, and Speed(SPD).

Speed range: 02S...30S.

Press "Switch" button to select from DIM, HUE 1, HUE 2 and SPD.
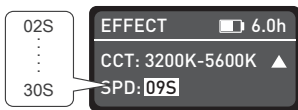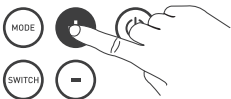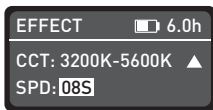

Press "➕" "➖" to choose needed value.

(2) CCT LOOP

Press "Switch"button to select from DIM, CCT 1, CCT 2, and Speed (SPD), press "➕" and "➖" to adjust the value of DIM, CCT 1, CCT 2, and Speed (SPD).

Speed range: 02S...30S.

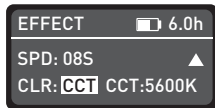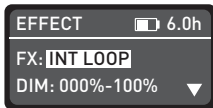Press "Switch" button to select from DIM, CCT 1, CCT 2 and SPD.
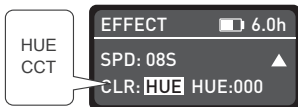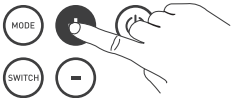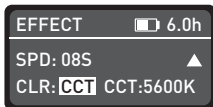
Press " + " " − " to choose needed value.

(3) INT LOOP

Press "Switch" button to select from DIM 1, DIM 2, speed(SPD) and color(CLR), press " + " and " − " to adjust the value of DIM 1, DIM 2 , speed(SPD) and color(CLR).

Speed range: 02S...30S. Color includes CCT and HUE.

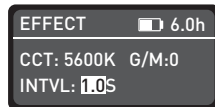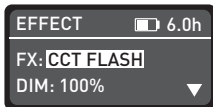Press "Switch" button to select from DIM 1, DIM 2, SPD and CLR.

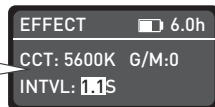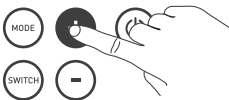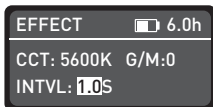Press " + " " − " to choose needed value.

(4) CCT FLASH

Press "Switch" button to select from DIM, CCT, G/M and INTVL, press " + " and " - " to adjust the value of DIM, CCT, G/M, INTVL.

INTVL range: 0.1S....10.0S.


```
EFFECT        ▢ 6.0h
FX: CCT FLASH
DIM: 100%          ▼
```

```
EFFECT        ▢ 6.0h
CCT: 5600K  G/M:0
INTVL: 1.0 S
```

Press "Switch" button to select from DIM, CCT, G/M and INTVL.


```
EFFECT        ▢ 6.0h
CCT: 5600K  G/M:0
INTVL: 1.0 S
```

```
0.1S
:
:
10.0S
```

```
EFFECT        ▢ 6.0h
CCT: 5600K  G/M:0
INTVL: 1.1 S
```
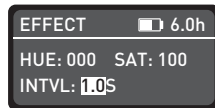
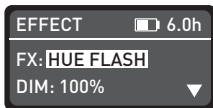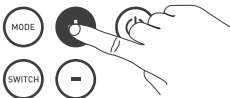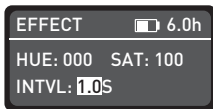Press " + " " - " to choose needed value.

(5) HUE FLASH

Press "Switch" button to select from DIM, HUE, SAT, INTVL, press " + " and " - " to adjust the value of DIM , HUE, SAT, INTVL.

INTVL range: 0.1S....10.0S.


```
EFFECT        ▢ 6.0h
FX: HUE FLASH
DIM: 100%          ▼
```

```
EFFECT        ▢ 6.0h
HUE: 000  SAT: 100
INTVL: 1.0 S
```

Press "Switch" button to select from DIM, HUE, SAT, INTVL.

10

EFFECT 🔋 6.0h
HUE: 000 SAT: 100
INTVL: **1.0**S

(MODE) (SWITCH) (−)

0.1S
⋮
10.0S
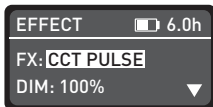
EFFECT 🔋 6.0h
HUE: 000 SAT: 100
iNTVL: **1.1**S

Press "➕" "➖" to choose needed value.

(6) CCT PULSE

Press "Switch" button to select from DIM, CCT, G/M, PULSES/M(minute), press "➕" and "➖" to adjust the value of DIM, CCT, G/M, PULSES/M(minute).

PULSES/M range: 001...240.

EFFECT 🔋 6.0h
FX: **CCT PULSE**
DIM: 100% ▼

(MODE) (➕) (SW)

EFFECT 🔋 6.0h
CCT: 6500K G/M: 0
PULSES/M: **040**

Press "Switch" button to select from DIM, CCT, G/M, PULSES/M.

EFFECT 🔋 6.0h
CCT: 6500K G/M: 0
PULSES/M: **040**

(MODE) (SWITCH) (−)

001
⋮
240

EFFECT 🔋 6.0h
CCT: 6500K G/M: 0
PULSES/M: **041**

Press "➕" "➖" to choose needed value.

(7) HUE PULSE

Press "Switch" button to select from DIM, HUE, SAT, PULSES/M(minute), press " + " and " - " to adjust the value of DIM, HUE, SAT,PULSES/M(minute).

PULSES/M(minute) range: 001...240.

Press "Switch" button to select from DIM, HUE, SAT, PULSES/M.

Press " + " " - " to choose needed value.

(8) STORM

Press "Switch" button to select from DIM, CCT, INTVL, press " + " and " - " to adjust the value of DIM, CCT and INTVL .

INTVL range: 01S...60S.

Press "Switch" button to select from DIM, CCT, INTVL.
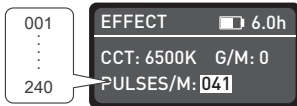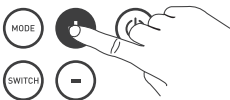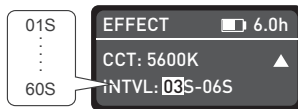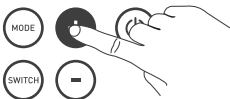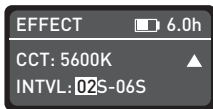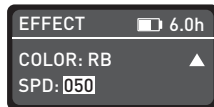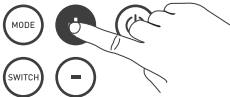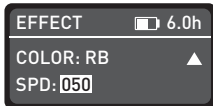
Press "+" "−" to choose needed value.

(9) POLICE CAR

Press "Switch" button to select from DIM, COLOR and Speed(SPD), press "+" and "−" to adjust the value of DIM, COLOR (B/RB/BW/RBW) and Speed (SPD).

Speed range: 001...100.

Press "Switch" button to select from DIM, COLOR and SPD.

Press "+" "−" to choose needed value.

(10) TV

Press "Switch" button to select from DIM 1, DIM 2, CCT, G/M and Speed (SPD), press " + " and " - " to adjust
the value of DIM 1, DIM 2, CCT, G/M and Speed (SPD).

Speed range: 001...100.

EFFECT	6.0h
FX: TV	
DIM: 000%-100%	▼

Press "Switch" button to select from DIM1, DIM2, CCT, G/M and SPD.
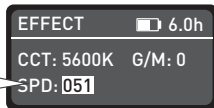

Press " + " " - " to choose needed value.

(11) PAPARAZZI

Press "Switch" button to select from DIM, CCT, G/M and Speed(SPD), press " + " and " - " to adjust the value
of DIM, CCT, G/M and Speed (SPD).

Speed range: 001 …100.

Press "Switch" button to select from DIM, CCT, G/M and SPD.

Press " ⊕ " " ⊖ " to choose needed value.

(12) CANDLE/FIRE

Press "Switch" button to select from DIM 1, DIM 2, CCT, G/M and Speed (SPD), press " ⊕ " and " ⊖ " to adjust the value of DIM 1, DIM 2, CCT, G/M and Speed (SPD).

Speed range: 001 …100.

Press "Switch" button to select from DIM 1, DIM 2, CCT, G/M and SPD.

Press " ⊕ " " ⊖ " to choose needed value.

(13) DISCO

Press "Switch" button to select from DIM, Color and Speed (SPD), press "＋" and "－" to adjust the value of DIM, Color and Speed (SPD).

Color range: 03, 06, 09, 12, 15, 18, 21, 24.   Speed range: 001 …100.

Press "Switch" button to select from DIM, COLOR and SPD.
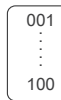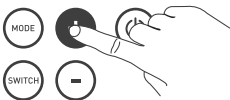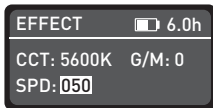

Press "＋" "－" to choose needed value.

(14) BAD BULB

Press "Switch" button to select from DIM, CCT , G/M and Speed (SPD), press "＋" and "－" to adjust the value of DIM, CCT, G/M and Speed (SPD).

Speed range: 001 …100.

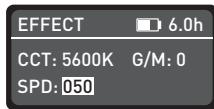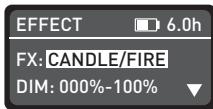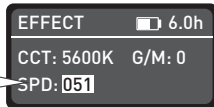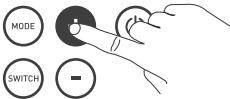Press "Switch" button to select from DIM, CCT , G/M and SPD.

EFFECT   🔋 6.0h
CCT: 5600K   G/M: 0
SPD: 050

MODE   SWITCH   ＋   −

001
⋮
100

EFFECT   🔋 6.0h
CCT: 5600K   G/M: 0
SPD: 051

Press "＋" "−" to choose needed value.

(15) FIREWORK

Press "Switch" button to select from DIM, Color, Speed (SPD) and Decay, press "＋" and "−" to adjust the value of DIM, Color, Speed (SPD) and Decay.

Color range: 03, 06, 09, 12, 15, 18, 21, 24.   Speed range: 001 …100.   Decay range: 001 …100.

EFFECT   🔋 6.0h
FX: FIREWORK
DIM: 100%   ▼

MODE   SW   ＋

EFFECT   🔋 6.0h
COLOR: 03   ▲
SPD: 050   DECAY: 050
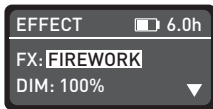
Press "Switch" button to select from DIM, COLOR, SPD and DECAY.

EFFECT   🔋 6.0h
COLOR: 03   ▲
SPD: 050   DECAY: 050

MODE   SWITCH   −

001
⋮
100

EFFECT   🔋 6.0h
COLOR: 03   ▲
SPD: 051   DECAY: 050
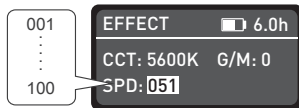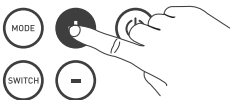
Press "＋" "−" to choose needed value.

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(16) EXPLOSION

Press "Switch" button to select from DIM, CCT, G/M, Speed (SPD) and Decay, press "➕" and "➖" to adjust the value of DIM, CCT, G/M, Speed (SPD) and Decay.

Speed range: 001 …100. Decay range: 001 …100.

Press "Switch" button to select from DIM, CCT, G/M, SPD and DECAY.
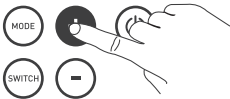

Press "➕" "➖" to choose needed value.

(17) WELDING

Press "Switch" button to select from DIM 1, DIM 2, CCT, G/M, SPD and Pause, press "➕" and "➖" to adjust the value of DIM 1, DIM 2, CCT, G/M, SPD and Pause.

Speed range: 001 …100. The Pause includes "OFF" and "ON". When the status is "ON", the fixture will go out.

Press "Switch" button to select from DIM 1, DIM 2, CCT, G/M, SPD and PAUSE.

Press "➕" "➖" to choose needed value.

④ Menu

Press "Switch" button to select from Channel, Language and Version, press "➕" and "➖" to set the Channel (001…512), set the language (Chinese and English) and check the firmware version of your fixture.

Press "Switch" button to select from CH, LANGUAGE and VERSION.

Press "➕" "➖" to adjust needed option.

·Lighting effects and additional functionality maybe added with future firmware releases, for details of these please see www.nanlite.com.

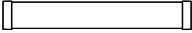3. Long press the "Power" button to turn off the light.

Safety Precautions

1. Please open the package to check for damage caused in transit, if damaged please do not use and contact place of purchase or manufacturer as soon as possible.
2. Do not use if power cord is damged or unplug with excessive force.
3. Ensure the power supply's voltage matches the voltage specified by the fixture before installation.
4. When cleaning or not using the light, please turn it off.
5. Stored the light safely and away from children.

Notice

1. Do not place any object on the light emitter.
2. Keep the light away from direct contact with liquids (Waterproof bag optional).
3. Don't place the light near flammable substances like alcohol or gasoline.
4. When cleaning the light, please wipe off debris or dirt by using a dry cloth with clean water or neutral cleanser
5. The light should be operated safely where it won't be at risk of getting wet or under extreme temperature.
6. Don't repair the light by yourself. Attempts to self repair will void warranty, for repairs please return to place of purchase.

What's in the box?

PavoTube II 6C×1	Iron Plate×3	USB Type-C Cable×1	Safety Strap×1	User Manual×1

Troubleshooting

Fault Detection	Diagnosis
The light won't start up.	Long press the 'Power' button, if it does not display "NANLITE" Logo, connect to a power source and try again.
The display is on but no light output.	Please check if the intensity is set to zero or if the light is in storm/welding mode.
The light is flickering.	(1) Please ensure the unit is not being operated in extreme temperatures. (2) Ensure the fixture is not in EFFECT mode.
If the failure is not resolved after troubleshooting, please contact place of purchase.	

This manual and all stats within it were produced under controlled conditions, and are accurate at time of print. Any future changes to design/technical data can be found at www.nanlite.com.

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