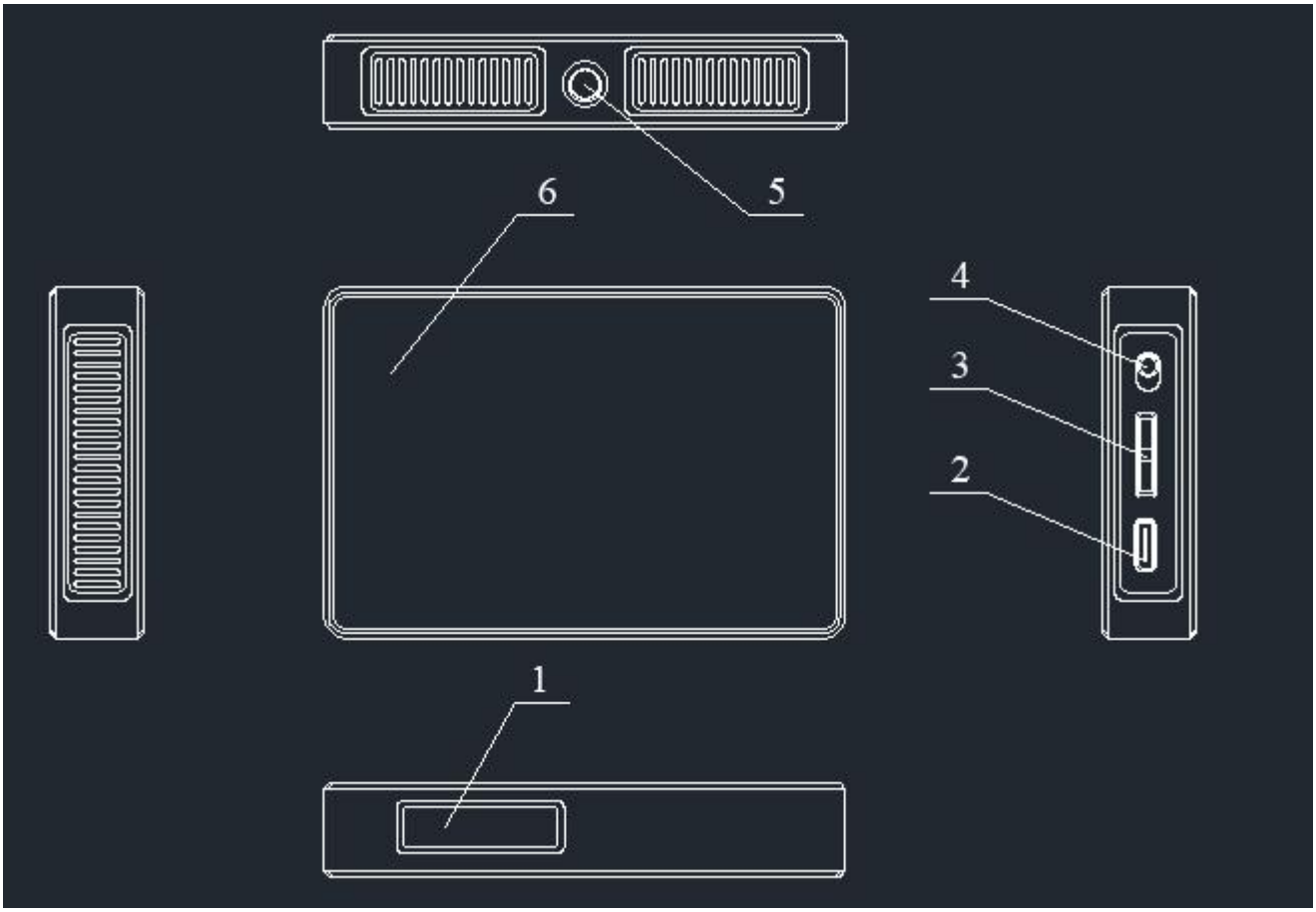
VL-20C RGB LED panel light

Thanks to choose VL-20C RGB LED panel light.

Mettle VL-20C RGB LED panel light build in lithium battery. It has advantages of soft light, high luminous efficiency, long life, outstanding color rendition. Meanwhile it has a variety of effect functions, and can be controlled by mobile phone APP. The light is widely used in digital photography, film and TV shooting, studio video photography.

Structure



1	LCD display	2	USB port	3	Multi-function button
4	Power button	5	1/4” mount	6	LED device

Specification

Power	20PCS RGB LED	Color Illuminance (Lux@1m)	R	G	B
	20PCS W/Y LED		53	170	28
Max output(W)	6W	Remote distance	>10m		
Color temperature	2800-8000K	Mode	CCT/HSI/GEL/EFX/SET		
Illuminance (Lux@1m)	130	Master/Slave	YES		
CRI	≥95	Smartphone control	YES		
TLCI	≥95	build in battery	3.7V 2500mAh		
Charge	USB 5V	Weight	124g		
Size	94×87×30mm				

Method of Application

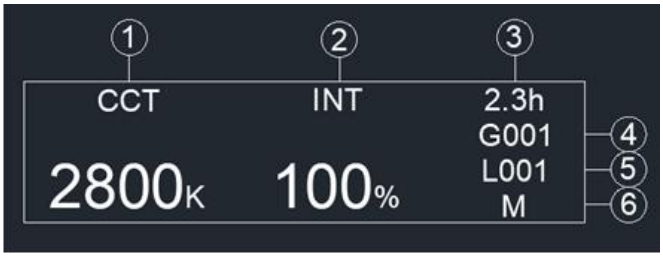
1. Operation

Press Power button (4) to turn on. Press Multi-function button (3) to switch light mode.

1.1 CCT mode

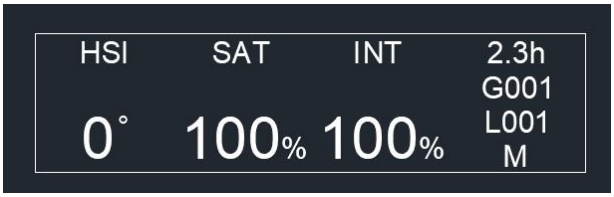
Long press Multi-function button (3), enter menu. Switch Multi-function button (3), enter “CCT” mode on the upper left corner of screen.

Short Press Multi-function button (3) to select parameter. Switch Multi-function button (3) to adjust CCT or power.



① CCT adjustment
② Power adjustment
③ Battery indicator
④ Group No.
⑤ Light No.
⑥ Master/Slave

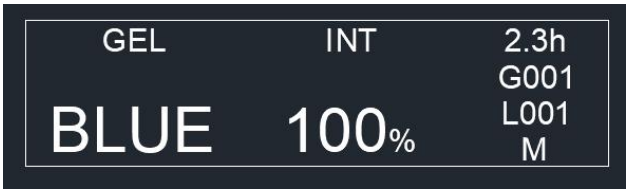
1.2 HSI mode



Long press Multi-function button (3), enter menu. Switch Multi-function button (3), enter “HSI” mode on the upper left corner of screen.

Short Press Multi-function button (3) to select parameter. Switch Multi-function button (3) to adjust Hue, Saturation and Intensity.

1.3 GEL mode



Long press Multi-function button (3), enter menu. Switch Multi-function button (3), enter “GEL” mode on the upper left corner of screen.

Short Press Multi-function button (3) to select parameter. Switch Multi-function button (3) to adjust corresponding “GEL” mode and Intensity.

1.4 EFX mode

Long press Multi-function button (3), enter menu. Switch Multi-function button (3), enter “EFX” mode on the upper left corner of screen.

Short Press Multi-function button (3) to select parameter. Switch Multi-function button (3) to adjust corresponding “EFX” parameter.

1.5 SET mode

Long press Multi-function button (3), enter menu. Switch Multi-function button (3), enter “EFX” mode on the upper left corner of screen.

Short Press Multi-function button (3) to select parameter. Switch Multi-function button (3) to adjust corresponding “SET” parameter.

A) G # Mode: Set Group No of each light.
B) L # Mode: Set light No of each light.
C) Master/Slave Mode

MASTER: Transmitter and receiver to control same group lights. When adjust light parameter in one group, can synchronously change all lights to the same parameter in the group. When adjust main light and transmitter in the same time, other group lights synchronously change.

SLAVE: Only receiver to control same group lights. When adjust Master light parameter in one group, can synchronously change all lights to the same parameter in the group.

NONE: When there is NONE Mode on the LCD display, means turn off Master/Slave mode.

D）LAG: Select system language.

E）RFD: Select whether to restore factory settings.

F）VER: Display the current system version.

1.6 Battery indicator

The LCD display shows battery indicator③. When low battery, please charge the light in time. If keep working, the light will automatically turn off when battery dead. The light can be charged by USB cable or wireless charge.

2. Disposal (end of life)

In order to minimize hazards to health and the environment and ensure that materials can be recycled, this product should be disposed of at a separate collection facility.

Mobile APP download

Download mobile phone software "METTLE lighting" to control light.

You may simply search "METTLE lighting" on AppStore or Google Play Store to download the APP. Or you may scan the QR code beside to download the APP.

Attention

1. Do not cover light body in case effecting thermal dissipation.
2. Keep clean, turn off the light when cleaning.
3. After using, keep the light in a safe and dry place.
4. Do not keep the light in sunlight or in high temperature. And do not expose the light in dripping or splashing.
5. Do not use solvents, gasoline, paints and pesticides in the product.
6. Do not insert metal objects into lamp housing.
7. Do not attempt to repair the light. If there are some problems, turn off the light and contact your dealer or our company.

Packing

1 Light body 2 Manual

3 USB cable

Troubleshooting

When using this product, you may encounter the following problems:

Description	Cause	Trouble-shooting
No reaction after power on	Dimmer knob on 0%	Rotate the dimmer knob clockwise.
	Light under the SET mode	Normal.
	Low battery	Charge the battery before use.
	Circuit board damaged	Return to factory repair.
LCD display incomplete or backlight off	LCD display damage	Return to factory repair.

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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.

Warning: 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.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

FCC 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 & your body.