

Verico Series - Flood Light

Smart RGBW LED Light with Flood Bracket 100W (CCT+RGB)



AREAS OF APPLICATION

- General illumination
- Suitable for Outdoor applications
- Buildings
- Restaurants
- Landscape/Recreational

PRODUCT Highlights

- Easy installation
- Using high-brightness LED chip, energy saving and environmental protection, stable lighting, long service life
- Optical grade lampshade, good light, anti-aging, not easy to damage
- High thermal conductivity aluminum alloy shell, good heat dissipation, vacuum dust-free spraying, anti-corrosion, no peeling
- Strict waterproof treatment technology, in line with international waterproof and dustproof standards
- Radiation protection design, will not affect the lighting effect due to weather
- Sleek and modern design

Product Features

- LED classic induction lighting function
- Color temperature: CCT(3000K-5700K)+RGB
- Lifetime: more than 30000h
- No mercury
- Working environment: Dry Location, Damp Location, wet location



TECHNICAL PARAMETERS

Electrical data

Power supply	RGB Dimming power supply + Bluetooth power supply
Working frequency	50/60HZ
Rated wattage	100W
Powerfactor	>0.9
Rated voltage	100-277V
Equiv. Power of CLF	600W

Beam angle

Chip Brand and model	SMD3030+5050
Quantity of LEDs	150
Directional color	White light + Warm light + RGB
Color temperature deviation	-
Color temperature	CCT(3000K-5700K)+RGB
Lumen	8800 lm
	88 lm/w
CRI	>80
Beam angle	90°X120°

Lighting technical parameters

Start Time	< 1 s
Light control	APP+Power switch control

lifetime

Number of switching cycles	10000
Rated lifetime	30000 h

Other product data

Shell	High thermal conductivity aluminum alloy
Cover	Clear lens
Without Mercury	Yes
Product Notes	-
Lamp holder	-

Functions

Dimmable	Yes
Compatible with smart home technology	Yes

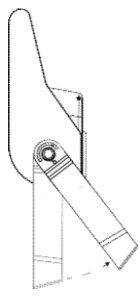
Certification

Certification	ETL
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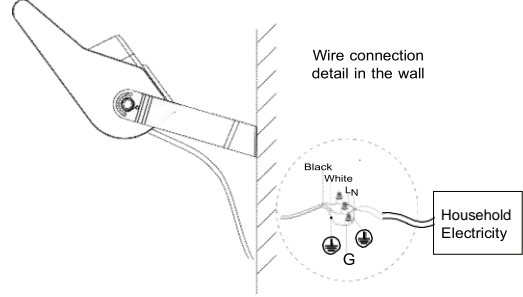
Product installation

Bracket Installation

1. Take out the light from package, adjust the bracket and make the wire go through the hole on the bracket.

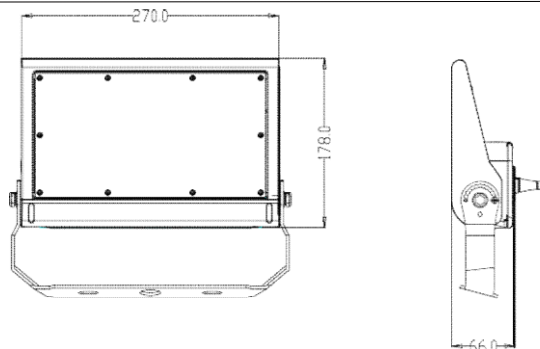


2. Disconnect the power supply, drill two holes in the wall and screws into the wall. After the power cord goes into the wall, the bracket is aligned with the hole of the wall and then locked into the screw to fix it on the wall. Connect the black line, white line, yellow rolling green line with L N G line corresponding.



Product line drawing

Bracket



Kits



Accessories name	Specification Description	Quantity
American screw terminal	P3 \ Pressure resistance 300V \ Temperature resistance 105 °C \ Fire rating UL94V-2 \ φ12.5*22mm \ ROHS	3PCS
Tighten the screws	Screw \PM4*8mm\ Cross head machine tooth \ flat end \304 stainless steel 2	2PCS

Logistics data

Packing category	Packaging unit (Pieces/Unit)	Dimensions (mm)	Gross weight (g)	Volume
Neutral box	1/1	340 mm x 135mm x 225mm		
Master carton	1/4	475 mm x 355 mm x 295 mm		

Disclaimer

This product data sheet provides periodic information, and the content can be updated at any time according to the actual situation of the product without notice. If caused by improper use of this product data sheet The company does not assume any responsibility for direct or indirect losses

TROUBLE SHOOTINGS

Issue	Check points
Light Flickers	Check all wiring for disconnections, shorts and burnt wiring and connections. Confirm steady input voltage to the light fixture, fluctuating input voltage will harm the LED driver and can lead to premature failure. Lights with photocells can have photocell tag from ambient light or light reflecting back at the sensor. Simply cover the photocell completely and see if flickering continues while the photocell is covered. Call Tech Support for help if none of the above solves the issue.
Light does not work at all.	Check all wiring for disconnections, shorts and burnt wiring and connections. Confirm steady input voltage to the light fixture, fluctuating input voltage will harm the LED driver and can lead to premature failure. If input voltage is not in the voltage range of the fixture, you will need to find the source of your input voltage issue. Call Tech Support for help if none of the above solves the issue.

For more technical information, install questions, troubleshooting help or warranty claims, we have a dedicated US Tech and Customer Support Team to help solve any issues you have and can be reached by email or phone. If you need help with any of our products, we are here for you so that you are never in the dark!



**BETTER LIGHTS.
BETTER SUPPORT.**







Verico Series Smart Flood Light

Installation Instructions

Be careful. please read the operating manual carefully before installing and retain it for future reference. Product will not be in the warranty if you don't operate according to the instructions. The company will not bear any responsibility if you deal with the product improperly.

Safety operating manual:

1. In order to avoid the danger of death, injury, electric shock, bruise, falling parts or property damage caused by fire and any other hazards, please read all the introduction including the warning sign or label on the light or the light box.
2. Please follow the regular prevention measures before installing, repairing, and regular maintaining.
3. Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.
4. For residential installation: if you are unsure about the installation or maintenance of the luminaires, please consult a qualified licensed electrician and check your local electrical code.
5. Keep combustible and other materials that can burn, away from the light.
6. The light should be properly installed and connected to the UL junction box which has been connected to the grounding line.
7. These operating instructions do not claim to cover all the details and changes in the device, nor to provide each possible contingency measures to achieve the correct installation, application, and maintenance.

Warning: Be careful of electric shocks

1. Cut off the power fuse or circuit breaker before the light is installed.
2. please ensure that the input voltage is within the proper range. Connect the light to AC100-277V 50/60hz for electrical appliances
3. Please ensure that all wire and ground connections comply with national electrical standards and applicable local codes
4. All wires must be connected with a UL - certified connector

Attention: Be careful of product damage

1. Do not connect fixture with power on.
2. Do not hang or support the light, it will ruin the outer skin of the line and damage the insulated wire.
3. Avoid the light covered with insulation, froth or other material that can prevent convection and conduction cooling.
4. Do not exceed the maximum ambient temperature of the light unless the individual product is available.
5. Static can damage LED light. A separate grounding device must be worn during installation or maintenance.
6. Do not touch a single electronic device because it may produce static electricity which would shorten the life or alter the performance of the lamp.

Warning: Be careful of injuries

1. Wear gloves and safety glasses all the times, install, debug, and maintain the light.
2. Avoid direct eye expose to the light source when it is on.
3. Account for small parts and destroy packing material, as these may be hazardous to children.

Warning: Be careful of burn

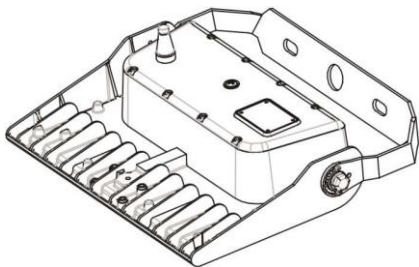
1. Please let it cool before touching the light and do not touch the light body shell or light source.
2. Do not exceed the maximum power indicated on the light label.

Prior to installation

Make sure that all parts are ready before installing the light and then compare the parts with the packing list and the hardware catalogue. If there is any missing or damaged, please do not assemble the luminaire. The installation time is about 30 minutes.

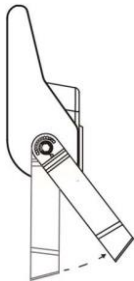
Attention: lights must be installed by an experienced household electrical installer or a qualified electrician, Electrical system and the electrical connection method of lamps and lanterns must conform to the national electrical standards and specification requirements of the local architecture.

Product Image



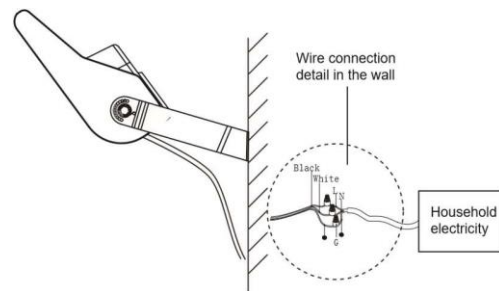
100W

Bracket Installation



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TECH NOTES AND LONG INSTRUCTIONS



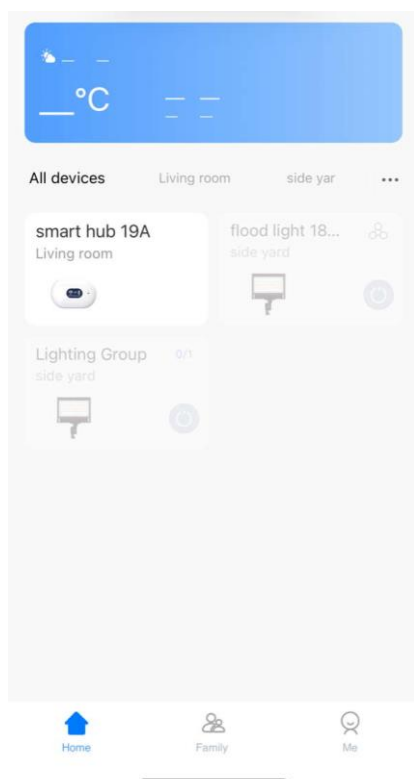
OUT OF THE BOX CAPABILITY

- The lights are remote controlled, or Bluetooth powered through an app out of the box. You will need to download the **Home Linking** app to use. There is also a remote, but it is limited.
- The range on the Bluetooth is limited to your phone's capacity, usually around 30 feet.
- The remote is IR and usually about 10' in sunlight and about 20' at night or cloudy.
- With either of these you can set color and brightness. The app has all colors, the remote basic ones.



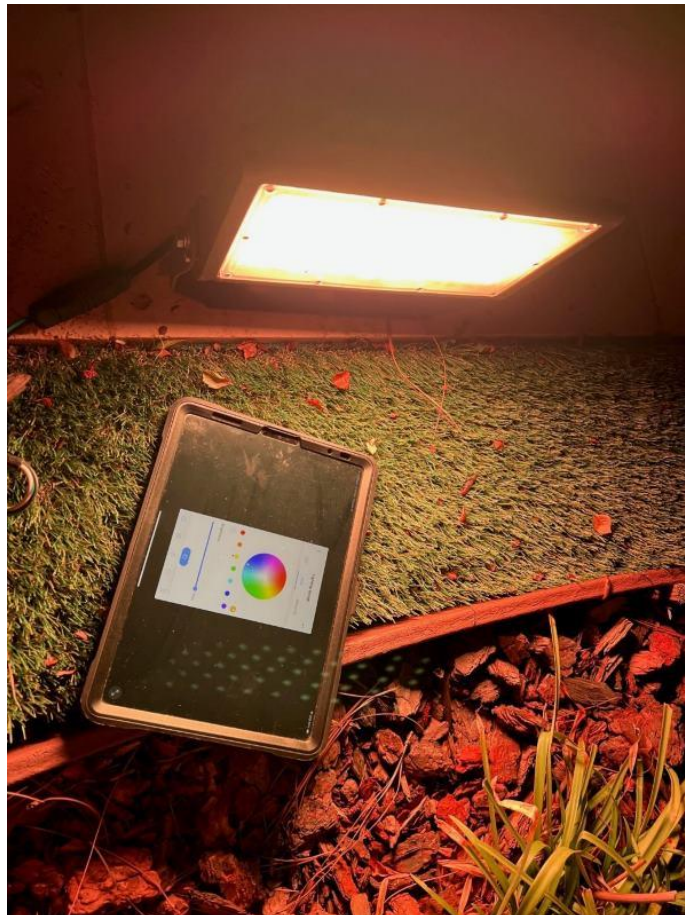
OPTIONAL HUB

- If you will want to change colors regularly and outside the Bluetooth distance, then you will need a hub part number [79-111](#).
- A hub connects to the lights via Bluetooth and then to your Wi-Fi. This essentially makes the range as far as your Wi-Fi goes.
- You will need a waterproof outlet within about 40 feet of the lights that is also in good range of your Wi-Fi.
- An outlet just inside a building will work as in our test case, you will lose some range going through walls.
- From there the **Home Linking** app will control the lights via Wi-Fi, anywhere in your home or business that is on the same Wi-Fi network.
- The hub can control an unlimited number of lights that is within range of the hub (the Bluetooth 40').
- If far apart, you will need additional hubs. All hubs will need to be on the same Wi-Fi network or switching gets difficult.



NOTES ON SETTING-UP THE HUB

- The hub needs to be connected to your phone and Wi-Fi.
- The default is via Bluetooth and the backup is AP mode (Wi-Fi- connect to it as an Access point).
- The default Bluetooth did not always connect easily, and we had to change to AP mode.
- The instructions included with the hub were straight forward enough.
- One of the limitations of the AP mode it is 2.4g hz only.
- Our test case uses a mesh network that is dual 5gz and 2.4ghz with no option to select one.
- We had to move to a few locations before it connected. Once it is connected, it becomes bound, which means it remembers the Wi-Fi so you can unplug it and move it.
- Note that we will have no tech support in connecting to the hub. Just not our expertise and we can't help here.



LIGHTS HAVE GOOD MEMORY

- The lights will remember the color and brightness settings you choose, so the best use is to use another device for on / off. So, once you set it, you can use a timer or smart plug to control the on/off on the lights.
- If you set them all to yellow, then use a timer set to dusk to dawn they will always come on yellow.
- Optionally, a smart plug can allow Alexa/Google/Siri to control the on/off for you as well.
- We do not sell those, but they are readily available in indoor and outdoor format.
- Our test video uses a **Feit** outdoor smart plug connected to Alexa to control the on/off.



LIGHTS ARE BARE WIRE WHIP

- Note that the lights are bare, 3 wire whip, so you will need a waterproof connector(if outdoors) and plug to use with a smart plug.
- Our test setup uses our part number [79-151](#) to add a waterproof splice kit and 3 prong plug.



THE APP AND ALEXA/ GOOGLE/ SIRI

- Alexa can do basic things like on and off, but not color.
- Overall, the best experience will be to avoid smart voice control.
- Not just for this product, but most smart lights in our experience are more problematic than they are worth.

