

# **Specification**

Flexible LED Wall Washer Series

1616 (Side bend)











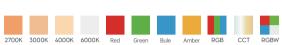












### **Features**

- High-quality LED beads, LED packaging with a reinforced bracket, LM80 test certification.
- Food-grade environmentally friendly silicone material, anti-yellowing, and heat resistant.
- Integrated silicone extrusion, dedicated for construction site use.
- Lens and LED utilize integrated packaging for better heat dissipation, with a wall washing height of 3-5 meters.
- Higher light transmittance, minimal light loss, and more uniform wall washing effect.
- Salt-resistant, acid and alkali resistant, flame-retardant, and UV-resistant, suitable for use in extremely harsh environments.
- Good flexibility, easy to bend, shapeable, and highly tensile resistant.
- Uniform lighting, consistent performance, no light spots, anti-glare design, and soft light
- Good heat dissipation, high stability, and long lifespan.
- IP65 high protection rating, flexible and easy installation, convenient outdoor maintenance.

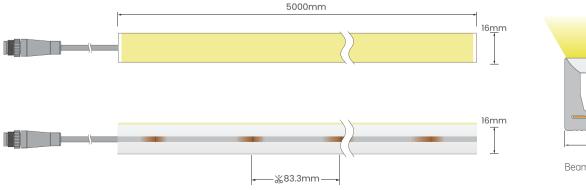
### **Parameters**

Voltage	Control	Color/CCT	LED Type	Pixel	LEDs/M	FPCB	Power	Luminous Flux	Efficiency	CRI	IP	Min. Cutting	Warranty
DC24V	CV	● 1800K	6060	1	36 leds/M	12 mm	18 W/M	1080 lm/M	60 lm/W	≥ Ra90	IP65	83.3mm/3leds	3 years
DC24V	CV	<b>2700K</b>	6060	1	36 leds/M	12 mm	18 W/M	1170 lm/M	65 lm/W	≥ Ra90	IP65	83.3mm/3leds	3 years
DC24V	CV	<b>3000</b> K	6060	1	36 leds/M	12 mm	18 W/M	1260 lm/M	70 lm/W	≥ Ra90	IP65	83.3mm/3leds	3 years
DC24V	CV	<b>4000</b> 4000 K	6060	1	36 leds/M	12 mm	18 W/M	1350 lm/M	75 lm/W	≥ Ra90	IP65	83.3mm/3leds	3 years
DC24V	CV	○ 5000K	6060	1	36 leds/M	12 mm	18 W/M	1440 lm/M	80 lm/W	≥ Ra90	IP65	83.3mm/3leds	3 years
DC24V	CV	6000K	6060	1	36 leds/M	12 mm	18 W/M	1530 lm/M	85 lm/W	≥ Ra90	IP65	83.3mm/3leds	3 years

The above parameters are based on a 1-meter standard product.

Power and luminous flux allow a tolerance range of ±10% The above parameters are the usual values.

# **Dimensions**



Beam angle: 35°



# Mounting

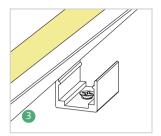
### 1). Aluminum clips (Optional)



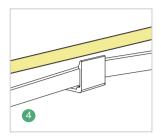
1.Prepare the screws and clips.



2. Adjust the clips to the desired position, use a screwdriver to tighten the screws.



3. With the luminous surface facing up, firmly insert the product into the clips.



4.Installation finished.

### 2). Aluminum profile (Optional)



1.Prepare the screws and aluminum profiles.

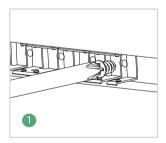


2.Adjust the aluminum profiles to the desired position, use a screwdriver to tighten the screws.

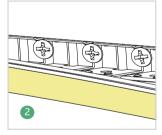


3.With the luminous surface facing up, fit the product into the aluminum profiles. Finished.

### 3). Stainless steel flexible mounting profile (Optional)



1.Fix the stainless steel flexible mounting profile into the pre-cut groove, use a screwdriver to tighten the screws.

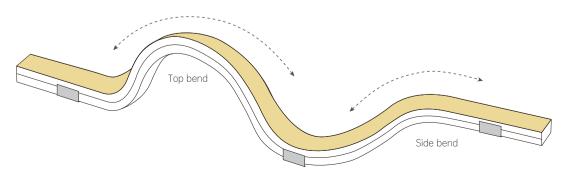


2.Embed the strip light into the groove, with the luminous surface facing outward.



3.Installation finished.

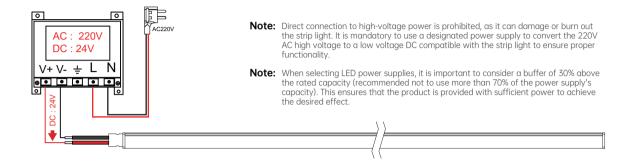
#### Bending



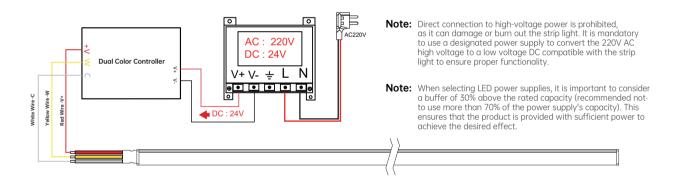


# Wiring Diagram

### 1.Single Color --



### 2.Dual White



# Packaging



Model	Standard Packaging	Antistatic Bag (L*W)	Carton (L*W*H)	Qty/Bag	Qty/Ctn	N.W.	N.W.
1616	Antistatic bag + carton	380*400mm	405*405*320mm	5m	16 bags/ctn	18Kg/ctn	19.5Kg/ctn





### **Attention**

- 1. It is strictly forbidden to twist the strip or handle it inappropriately (in any other way than included in this manual) during installation. Additionally, improper handling or installation will result in a product defect or health hazard.
- 2. After opening the packaging, carefully test the product by lighting it up before installation. Do not install products that have been damaged during transport.

#### 3. Installation:

- (1) Single ended cable product:
  - During installation, two people should work together (or use a stable object to support the remaining part of the strip light). Begin by embedding and securing the cable ended part. One person is responsible for embedding, while the other holds the strip light. This not only makes the installation easier but also prevents from damaging the strip.
- (2) Double ended cable product:
  - During installation, two people should work together (or use a stable object to support the uninstalled part of the strip light). Begin by embedding and securing from one of the cable exit ends. When you are about half a meter from the other cable exit end, stop embedding, and have one person firmly hold the embedded part in place to prevent it from slipping out. The other person should then take the opposite cable exit end and start embedding from that side. Continue until both ends are fully embedded.

#### 4. Removal:

- (1) Single ended cable product:
  - Before starting the removal process, ensure that the electricity is disconnected. We suggest that the removal should be performed by two people (or with a help of a rack to support the removed strip light). Begin the removal process at the cable exit end. One person should carefully handle the removal, while the other supports the strip light being removed. This coordination ensures a smooth process and helps protect the strip light from damage. Once the removal is complete, carefully cut the electrical wires.
- (2) Double ended cable product:
  - Before starting the removal process, ensure that the electricity is disconnected, and cut the wires at one end. The removal should be performed by two people (or with a help of a rack to support the removed strip light). As you approach the other end, cut the wires to complete the removal.

**Warning!** If the strip light stops working during use and is still within the warranty or replacement period, please consult with the after-sales department before returning it to the factory for repair or to identify the cause of the damage. Do not attempt to remove it forcefully, as this may damage the internal electronic components.

#### 5. Cutting the LED Strip Light:

- (1) Disconnect the electricity before cutting.
- (2) During the cutting process: Try to align the cut with the cutting line on the strip, or trim at the black dot on the strip.
- 6. Make sure to provide the voltage as indicated on the LED strip's label. (Insufficient voltage might prevent the lights from turning on or cause them to appear dim. Excessive voltage will damage the LED strip.)
- 7. The installation environment for silicone LED strip light should be free of corrosive gases, such as carbon dioxide, methane, chlorofluorocarbons, etc. These gases will cause various degrees of damage to the silicone, such as yellowing, hardening, or becoming brittle.