



Flex COB strips Pixel 360RGB with IC- JD36703A

FOB-MRGB360led/m-12W-N 24V

Product Photo

COB LED Strips Pixel RGB 360LEDS/M with IC-JD36703A



- ▶ Adopt brand LED chip, high brightness, low light decay, lifespan more than 25000 hours
- ▶ Color: Pixel RGB with IC, controlled by SPI
- ▶ All of materials are accord with CE/RoHS standards
- ▶ Easy to install and preserve; can be bent freely; with 3M adhesive tape on the backside
- ▶ High color efficiency, uniform illumination
- ▶ beam angle 180°,
- ▶ IP20/IP65/IP67/IP68



Application

① Commercial & Retail Lighting

The addressable control and uniform light make the strip perfect for attracting customers and enhancing brand identity:

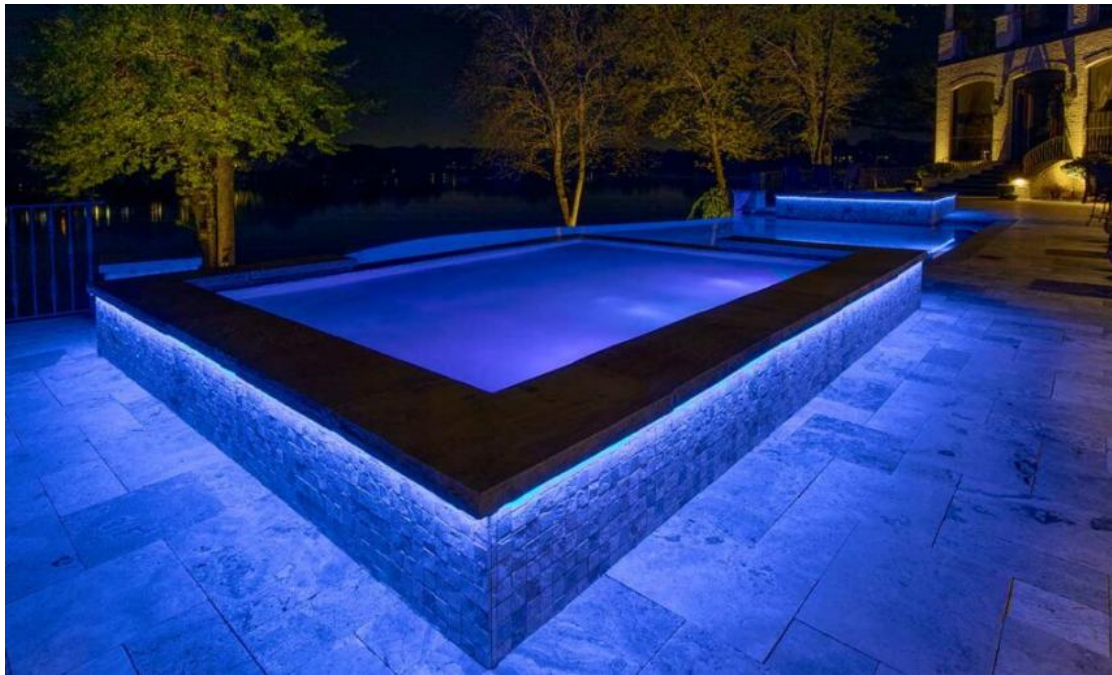
- Storefronts & Windows: IP65 variant with dynamic RGB animations.
- Product Displays: IP20 variant for retail shelves and showcases.



② Architectural & Landscape Lighting

Elevate buildings and outdoor spaces with customizable dynamic effects:

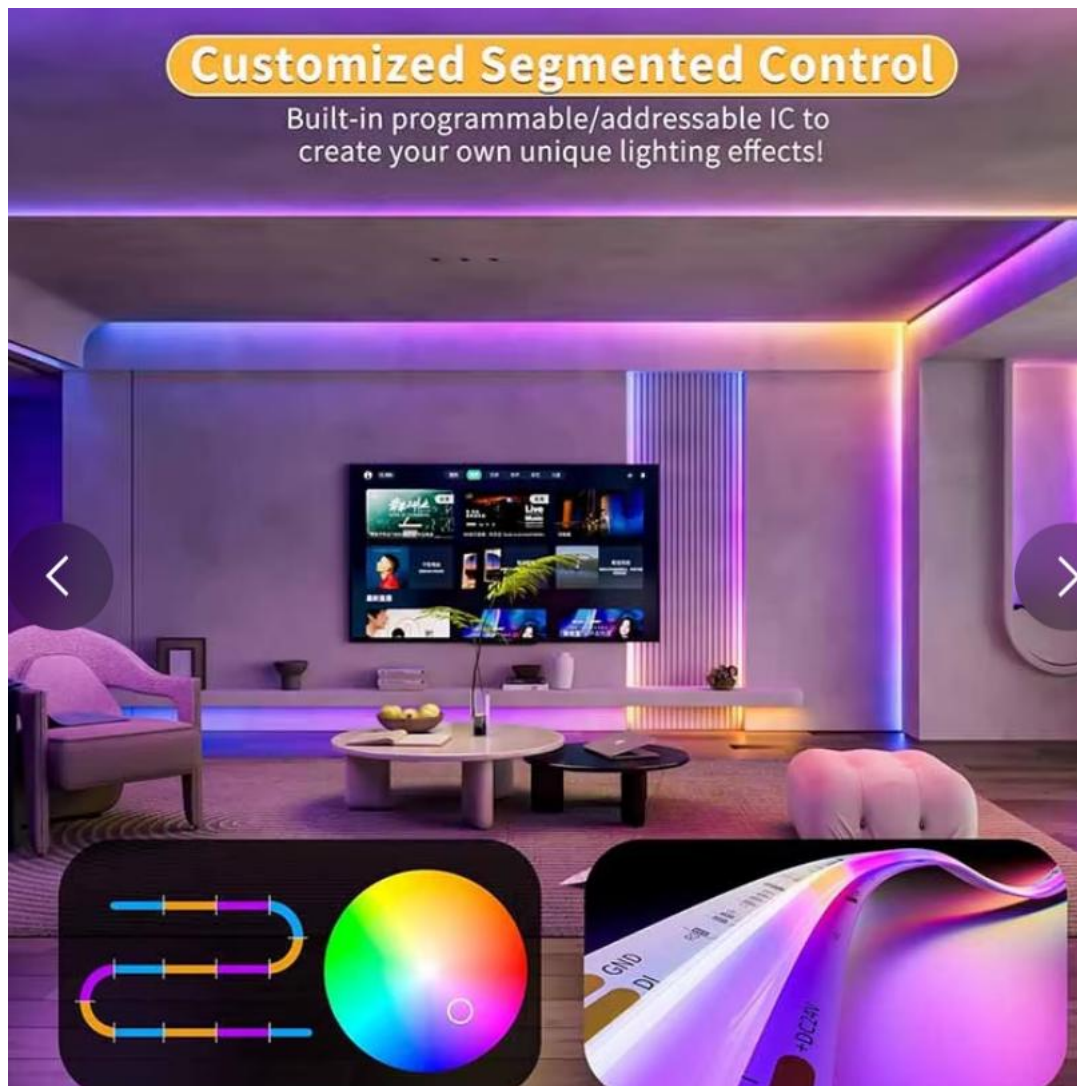
- Building Facades: IP67 variant for nighttime architectural lighting.
- Garden & Pool Areas: IP67 variant for landscape accents.



③ Residential & Entertainment Spaces

Bring cinema-like experiences and personalized ambiance to homes:

- Home Theaters: IP20 variant for backlighting and wall accents.
- Gaming Rooms: IP20 variant for RGB gaming setups.



④ Event & Venue Lighting

Create memorable experiences for concerts, weddings, and theme parks:

- Concerts & Stages: IP65 variant for stage backdrops.
- Weddings & Celebrations: IP20 variant for venue decor.



Technical details

Item \ Model No.	FOB-MRGB360led/m-12W-N
PCB width	8mm
Cutting Length	100MM
Voltage	DC24V
LED Qty	360leds/m
Watt/M	12W/M
COLOR	Pixel RGB
CRI	90
IP	IP20/IP65/IP68
IC type	JD36703A(10 of IC each meter)



- Note:** 1. Special specification (LED number, voltage, power, color temperature, etc.) customization is supported. The cost of customization is discussed separately
2. During installation, sharp objects shall not touch the surface of the lamp belt to avoid damaging the colloid and causing adverse effects
3. Avoid the colloid in the luminous area from contacting high-temperature objects to avoid scalding the colloid and affecting the linear effect
4. DC24V regulated power supply shall be selected for driving, and the power supply with appropriate power shall be selected according to the number of lamp strips to be installed; The total power of each power driven lamp strip shall be less than 80% of the rated power of the power supply
5. It is forbidden to bend or twist the COB strip in a short distance to avoid damaging the adhesive strip or damaging the internal electrical structure of the chip
6. It is recommended that the arbitrary bending diameter of the COB strip should be $> 1\text{cm}$
7. Pay attention to waterproof and moisture-proof

Caution:



Soldering Instruction:

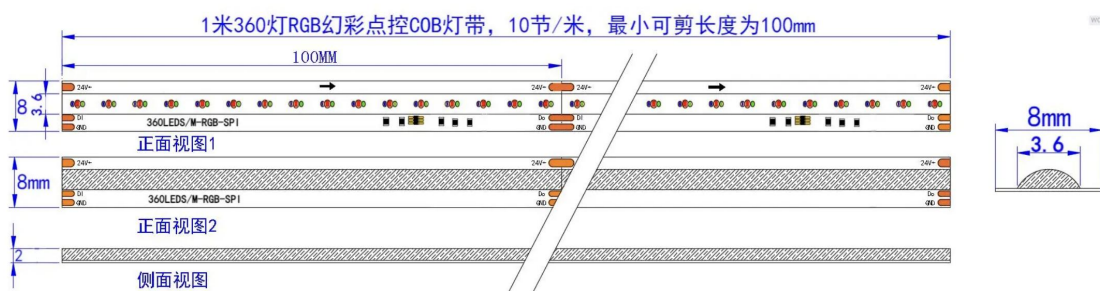
The strip should be soldered within 3 seconds below 300 degrees.



Cutting Instruction:

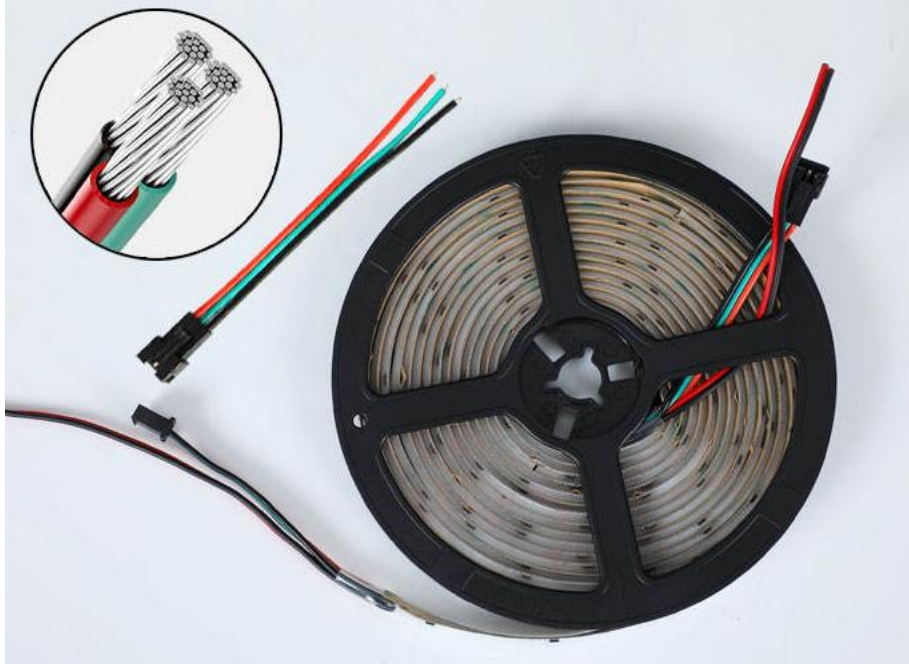


Drawing



DC24V addressable COB strips

320leds/m with IC 8mm





Power supply



Non waterproof



rain-proof



waterproof



adaptor





Product Packaging

Many products order to aend



Operation temperature: - 20°C~50°C

Storage temperature: - 30°C~80°C

Please notice that, the LED strips should not be used in sealed or hot place, to make sure the heat emitting is good for the LEDs.

300M every carton: 565*225*262MM