

High-Density COB 896D Addressable RGBW LED Strip



HB-COB-896D RGBW IC

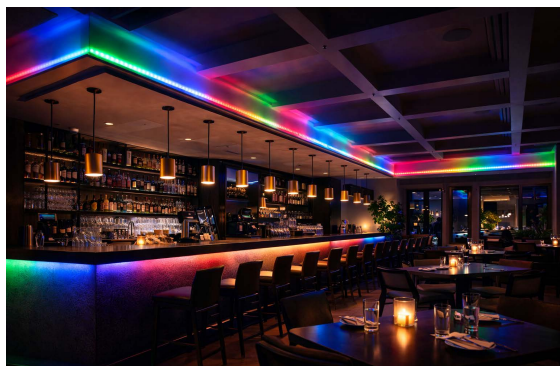


Key Features

- High-Density RGBW COB Design (896D) delivers smooth, dot-free, and uniform light output
- Addressable IC Control (WS2814) allows individual segment control for dynamic RGBW lighting effects
- True RGBW Color Mixing provides rich colors and clean white output
- High Output Performance: up to 48W per meter, approximately 900–1000 lm/m (color dependent)
- 24V DC Low-Voltage Operation for stable, safe, and reliable performance
- Wide 180° Beam Angle ensures even light distribution without hotspots
- Cuttable & Joinable for flexible layouts and custom installations
- PWM Dimming Supported via compatible addressable controllers

Application:

- Architectural and cove accent lighting
- Dynamic RGB lighting for ceilings and walls
- Signage, lettering, and logo backlighting
- Retail and commercial displays
- Hospitality lighting for hotels, restaurants, and bars
- Stage, event, and decorative lighting
- Outdoor feature lighting (IP67 version)



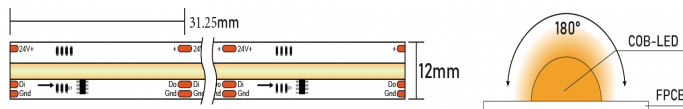
Ordering Guide

| Series | LED Type | Type | Size(Meter) |
|--------|-----------------|---------------|-------------|
| HB | LED Strip Light | COB-896D RGBW | IC |
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| Specifications | |
|--------------------------------|--|
| Models | HB-COB-896D RGBW IC |
| Product Size(mm) | 5000 x 12 x 2 mm(L x W x H) |
| LED Type | COB |
| Color Temperature* | RGBW (Addressable) |
| Lumen/Meter | 900–1000 (RGBW mixed, color dependent) |
| Input Voltage* | 24V DC |
| Current (Amps/meter) | 2.0 |
| Min Cuttable Length(mm) | 31.25 |
| Max Power Consumption (Watt/m) | 48Watt |
| IC Type | WS2814 |
| CRI | not applicable |
| Dimming | Via WS2814 IC(PWM dimming supported) |
| Beam Angle | 180° |
| LED Quantity(per meter) | 896Pcs |
| Net Weight(kg) | 0.2 |
| Operating Temperature | -20°C to +50°C |
| Storage Temperature | -30°C to +80°C |
| IP Rate | Available in IP20 / IP67 silicone-tube versions for indoor or outdoor use. |
| Estimated Life(Hours) | 30,000 |
| Certification | cETLus |
| Warranty | 3-year |

* Due to continuous improvements and innovations, specifications may change without notice

Dimensions



Wire Connection:

