

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)



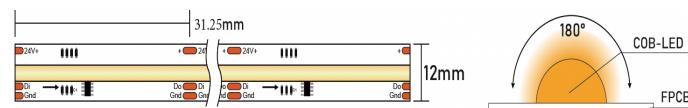
Ordering Guide

Series	LED Type	Type	Size(Meter)	
HB	LED Strip Light	COB-896D RGBW	IC	5

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	ETLus
Warranty	3-year

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

Dimensions



Wire Connection:

