

AURORA
BOREALE

Expand your Brightness



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www.ablighting.ae

ABTECH Lighting Solutions

STRIPLIGHT

DATASHEET RGBW COB 14W IP20

High-performance **RGBW LED**



COXOTECH

STRIPLIGHT

RGBW COB 14W IP20



Description

High-performance RGBW COB LED strip delivering a continuous, dot-free line of colour with a dedicated white channel, for smooth colour mixing and premium decorative and architectural lighting.

Ideal Applications

- Premium feature & cove lighting
- Residential & hospitality interiors
- Retail & exhibition displays
- Decorative architectural accents & signage
- Smooth colour-wash mood lighting where visible dots are unacceptable.

Key Feature

- **Continuous dot-free**
COB light line — no visible LED dots
- **RGBW configuration**
full-colour effects with a dedicated white output
- **High LED density**
for perfectly uniform colour blending
- **IP20**
indoor dry locations
- **Wide, even beam**

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Power

14 W/m

LED type

COB
(RGBW flip-chip)

LED density

560 LEDs/m

Colour mode

RGBW (dynamic colour
+ dedicated white)

Luminous flux

700 lm/m

CRI

>90

Beam angle

180°

Input voltage

DC 24V

Cutting interval

60mm

Max continuous run

10 m (24V)

Strip Width

12mm

Length per reel

5 m

Working temperature

0°C to +40°C

Lifetime

>50,000 hours

Warranty

5 years

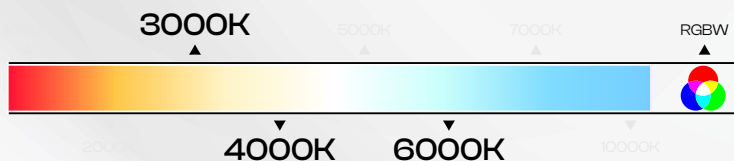
Supply type

Constant voltage

IP rating

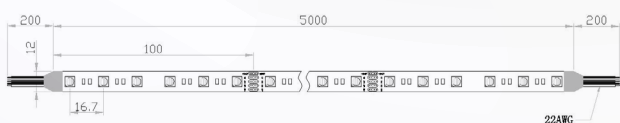
IP20

CCT



Dimension(unit: mm):

DC24V



Led Brand

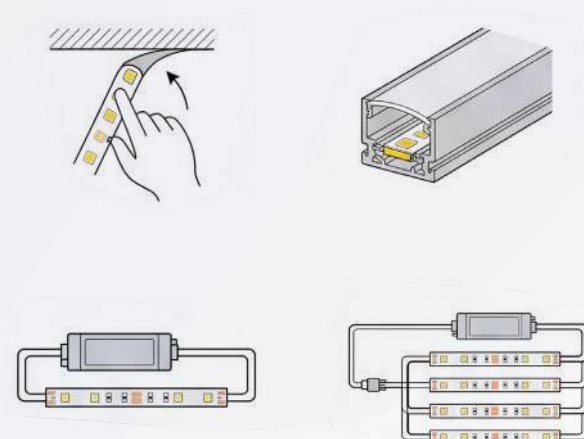


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INSTALLATION

- Direct surface mounting via adhesive backing; aluminium profile strongly recommended (COB runs warmer – profile aids heat dissipation and light uniformity)
- Cut only at the marked COB cut points (60 mm); cutting off-mark disables that section
- Requires a 24 V constant-voltage driver and an RGBW controller; parallel-power long runs
- Each reel powered independently; installation by qualified personnel

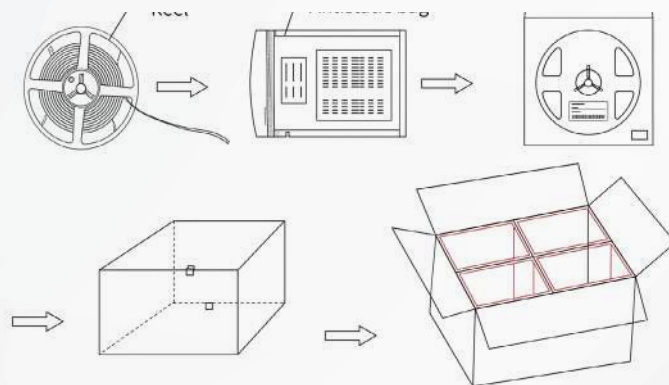


SAFETY INSTRUCTIONS

- Use only compatible constant voltage LED drivers
- Do not exceed maximum run length
- Each reel must be powered independently
- Avoid series connection beyond 5m
- Installation must be performed by qualified personnel

PACKING INFORMATION

Item	Specification
Reel Size	30 cm (12 inch)
Reel Length	5M
Packaging	Anti-static bag
CartonQuantity	50 inner / 100 outer



RECOMMENDED ACCESSORIES

- Aluminum profiles (strongly recommended)
- Diffusers / covers
- RGBW controllers
- IP20 connectors
- Constant voltage LED drivers



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