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ABTECH Lighting Solutions

STRIPLIGHT

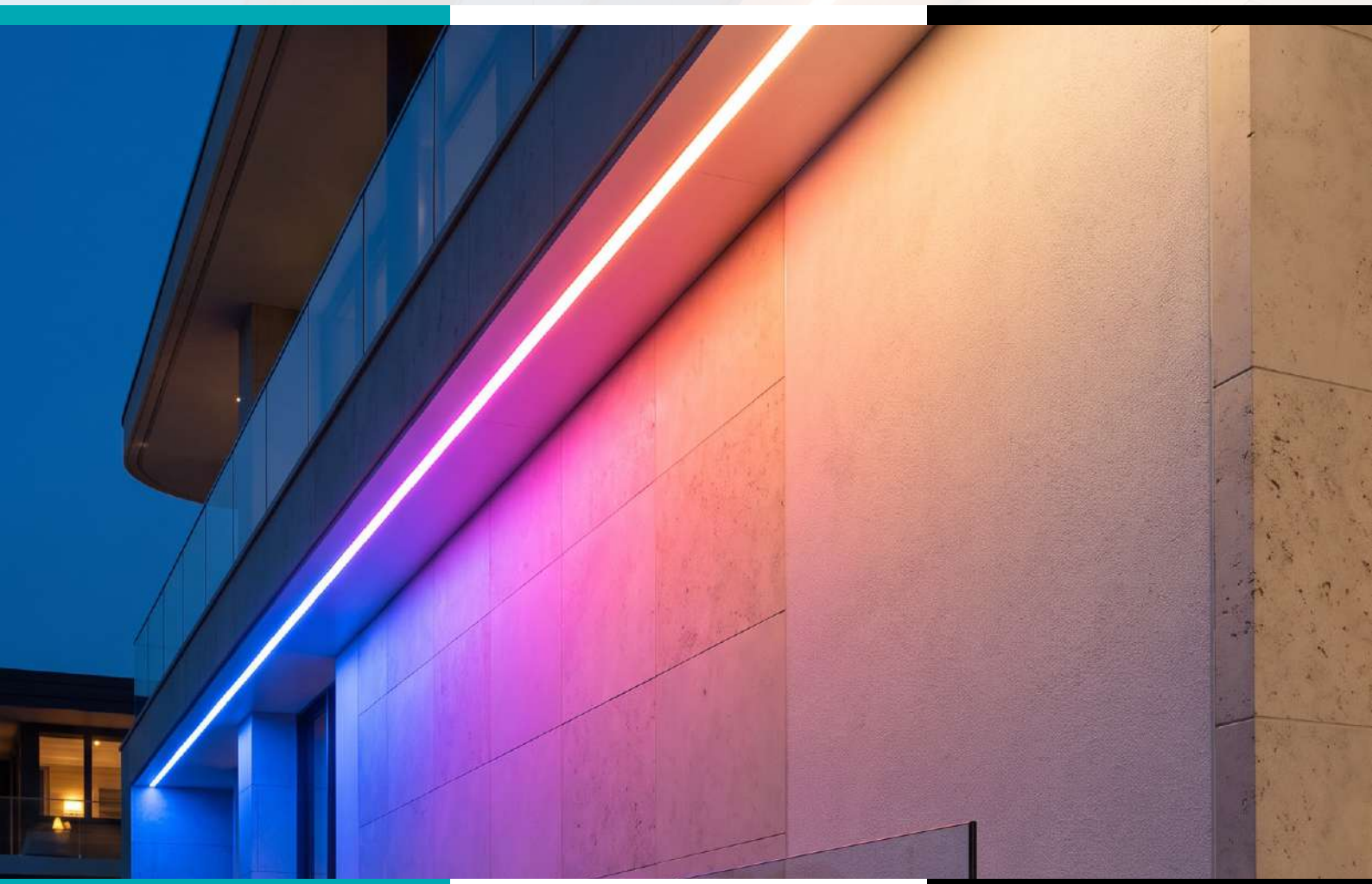
DATASHEET RGBW COB 14W IP67

High-performance **RGBW LED**



STRIPLIGHT

RGBW COB 14W IP67



Description

High-performance RGBW COB LED strip delivering a continuous, dot-free line of colour with a dedicated white channel, in an IP67 silicone-jacketed build for humid, outdoor and wet-area decorative and architectural lighting.

Ideal Applications

- Premium feature & cove lighting
- Residential & hospitality interiors
- Retail & exhibition
- Decorative architectural accents & signage
- sheltered outdoor, façade, landscape & wet-area colour accents (IP67) 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
- **IP67 silicone jacket**
with sealed end caps — humid, outdoor and immersion-prone
- **Wide, even beam**

Material & Build

- High-density COB FPCB with 2oz copper for heat dissipation
- Original 3M adhesive backing
- Lead-free soldering
- IP67 silicone sleeve / jacket with sealed end caps

STRIPLIGHT

RGBW COB 14W IP67

Power
14 W/m

LED type
COB
(RGBW flip-chip)

LED density
560 LEDs/m

Colour mode
RGBW (dynamic colour
+ dedicated white)

Luminous flux
680 lm/m

CRI
>90

Beam angle
180°

Input voltage
DC 24V

Cutting interval
60mm

Max continuous run
10 m (24V)

Strip Width
14mm

Length per reel
5 m

Working temperature
0°C to +40°C

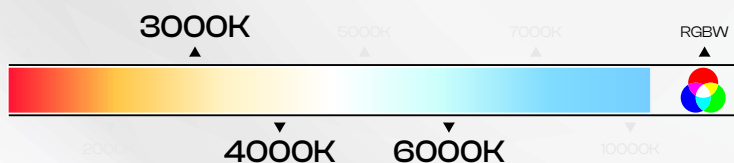
Lifetime
>50,000 hours

Warranty
5 years

Supply type
Constant voltage

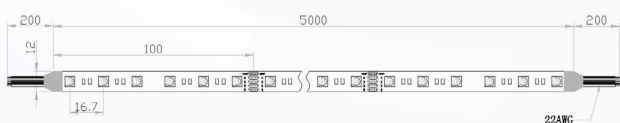
IP rating
IP67

CCT



Dimension(unit: mm):

DC24V



Led Brand

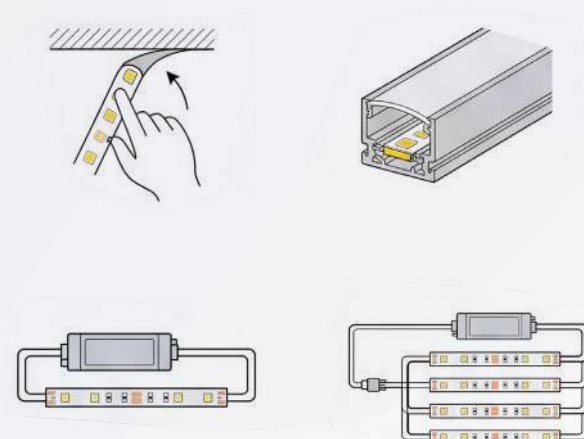


STRIPLIGHT

RGBW COB 14W IP67

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

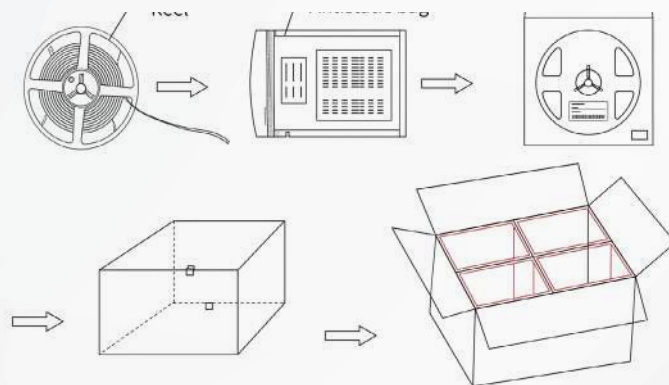


SAFETY INSTRUCTIONS

- 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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