

AURORA
BOREALE

Expand your Brightness



SCAN TO VISIT OUR
WEBSITE

www.ablighting.ae

ABTECH Lighting Solutions

STRIPLIGHT

DATASHEET Tunable IP20

High-performance **Tunable white LED**



STRIPLIGHT

Tunable IP20



Description

High-performance tunable white LED strip enabling dynamic adjustment between warm and cool white for adaptable lighting environments.

Ideal Applications

- Offices and workspaces with adaptive lighting needs
- Retail and showroom environments
- Hospitality and residential mood lighting
- Cove lighting and indirect ceiling illumination
- Architectural lighting requiring variable white tones

Key Feature



- **Tunable white technology**
enabling full-color effects with dedicated white light output



- **Flexible PCB**
with stable performance and precise dimming compatibility



- **High-density SMD 2835**
LEDs delivering uniform and continuous light output

Material & Build

- High-quality double-layer flexible PCB
- SMD2835 LED technology for stable luminous performance
- Designed for consistent thermal behavior and long lifespan
- CE, RoHS, and UL certified

STRIPLIGHT

Tunable IP20

Input Voltage
DC24V

Power
19W

IP Rating
IP20

LED Type
SMD2835

LED Density
240 LEDs/M

Luminous Flux
~1500 lm/M

CRI
≥90

Beam Angle
120°

Strip Width
10mm

Length
5 meters / reel

Thickness
~1.4mm

Cutting Interval
50mm

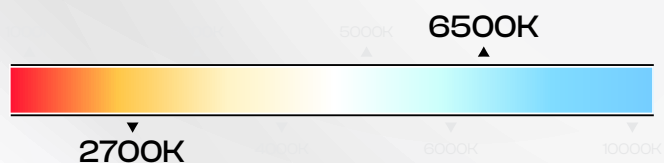
Max Run Length
5 meters

Working Temperature
-25°C to +60°C

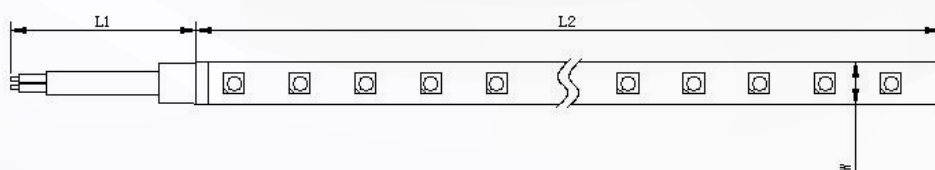
Lifetime
50,000 hours

Warranty
5 Years

CCT (Tunable White)



Dimension(unit: mm):



Led Brand



STRIPLIGHT

Tunable IP20

INSTALLATION

- Surface mounting using adhesive backing
- Recommended installation inside aluminum profiles for:
 - Heat dissipation
 - Mechanical protection
- **Requires:**
 - Constant voltage driver (24V)
 - Tunable white controller (CCT control)
- **Connection:**
 - Dual channel wiring (Warm White + Cool White)

SAFETY INSTRUCTIONS

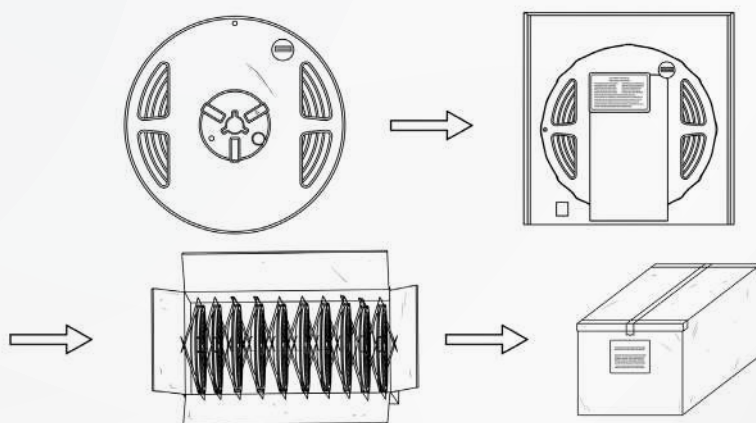
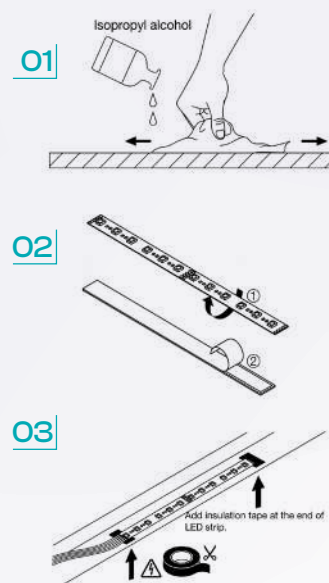
- Use only compatible constant voltage LED drivers
- Do not exceed maximum run length
- Each reel must be powered independently
- Avoid series connection beyond 5m
- Installation must be performed by qualified personnel

PACKING INFORMATION

Item	Specification
Reel Length	5M
Packaging	Anti-static bag
CartonQuantity	80 reels/carton

RECOMMENDED ACCESSORIES

- **Aluminum profiles** (strongly recommended)
- **Tunable white controller** (CCT control)
- **Constant voltage** LED driver (24V)
- **Connectors (10mm)**
- **Diffusers / covers**



AUORA
BOREALE

