

AURORA BOREALE

Expand your Brightness



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www.ablighting.ae

ABTECH Lighting Solutions

STRIPLIGHT

DATASHEET

SMD IP20

High-efficiency **SMD LED**



STRIPLIGHT

SMD IP20



Description

High-efficiency SMD LED strip providing uniform linear illumination for general and decorative lighting applications.

Ideal Applications

- Cove and indirect ceiling lighting
- Retail shelving and display lighting
- Backlighting for signage and light boxes
- Residential decorative lighting
- Architectural linear lighting for corridors and details

Key Feature



- **High lumen output**
using SMD 2835 LEDs with stable performance



- **Flexible PCB design**
with uniform light distribution



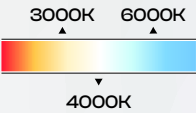
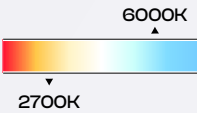
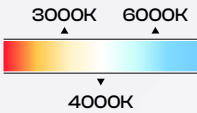
- **Available**
in multiple wattages and CCT options for design flexibility

Material & Build

- Double-layer white FPCB
- 2oz rolled copper for heat dissipation
- Original 3M adhesive backing
- Lead-free soldering

STRIPLIGHT

SMD IP20

	STRP-SMD4.8W	STRP-SMD9.6W	STRP-SMD14.4W
Power	4.8W/M	9.6W/M	14.4W/M
CRI	>80	>90	>90
Luminous Flux	456 lm/M	1000-1020 lm/M	1370-1440 lm/M
CCT Options			
Strip Width	8 mm	8 mm	10 mm
Cutting Interval	50 mm	50 mm	25-50 mm

Beam Angle

120°

Life time

50,000 hours

Length per
Reel

5 M

IP Rating

IP20

Input Voltage

DC12V / DC24V

LED Type

SMD 2835

LED Density

120 LEDs/M

Working
Temperature

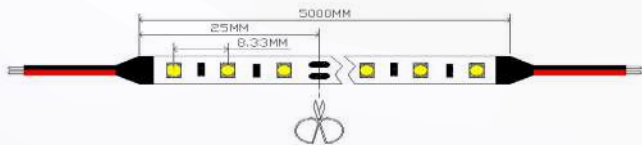
-20°C to +40°C

Warranty

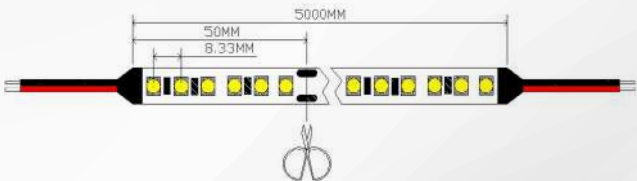
5 Years

Dimension(unit: mm):

DC12V



DC24V



Led Brand

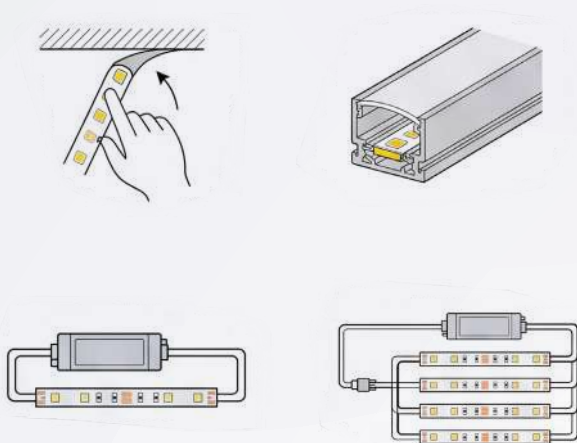


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SMD IP20

INSTALLATION

- **Standard Installation Methods**
 - Direct installation on clean surface using 3M adhesive
 - Installation inside aluminum profile (recommended)
 - Can be recessed, surface, or concealed
- **Electrical Installation**
 - Use constant voltage driver (DC12V / DC24V)
 - Maximum continuous run:
 - 5m (12V)
 - 10m (24V)
 - Parallel connection recommended for long runs

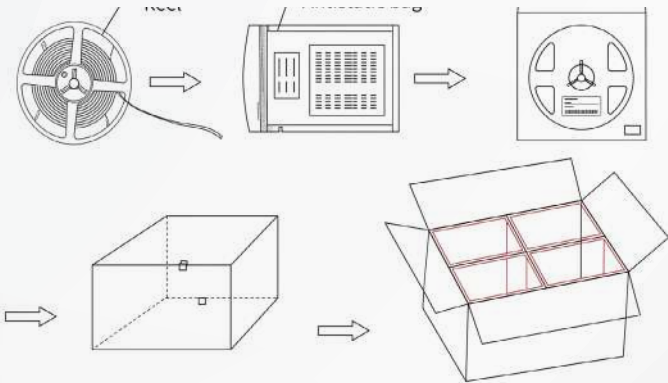


SAFETY INSTRUCTIONS

- Installation by qualified technician only
- Ensure correct voltage matching
- Do not exceed maximum run length
- Avoid series connection beyond limits
- Use independent power supply per reel

PACKING INFORMATION

Item	Specification
Reel Size	30 cm (12 inch)
Reel Length	5M
Packaging	Anti-static bag
Carton	50-100 rolls per box



RECOMMENDED ACCESSORIES

Accessory	Aluminum Profile	Diffuser Cover	Mounting Clips	DC Driver	Connectors
Purpose	Heat dissipation & finishing	Light uniformity	Fixing	Power supply	Electrical connection

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