

AURORA
BOREALE

Expand your Brightness



SCAN TO VISIT OUR
WEBSITE

www.ablighting.ae

ABTECH Lighting Solutions

SPARTA

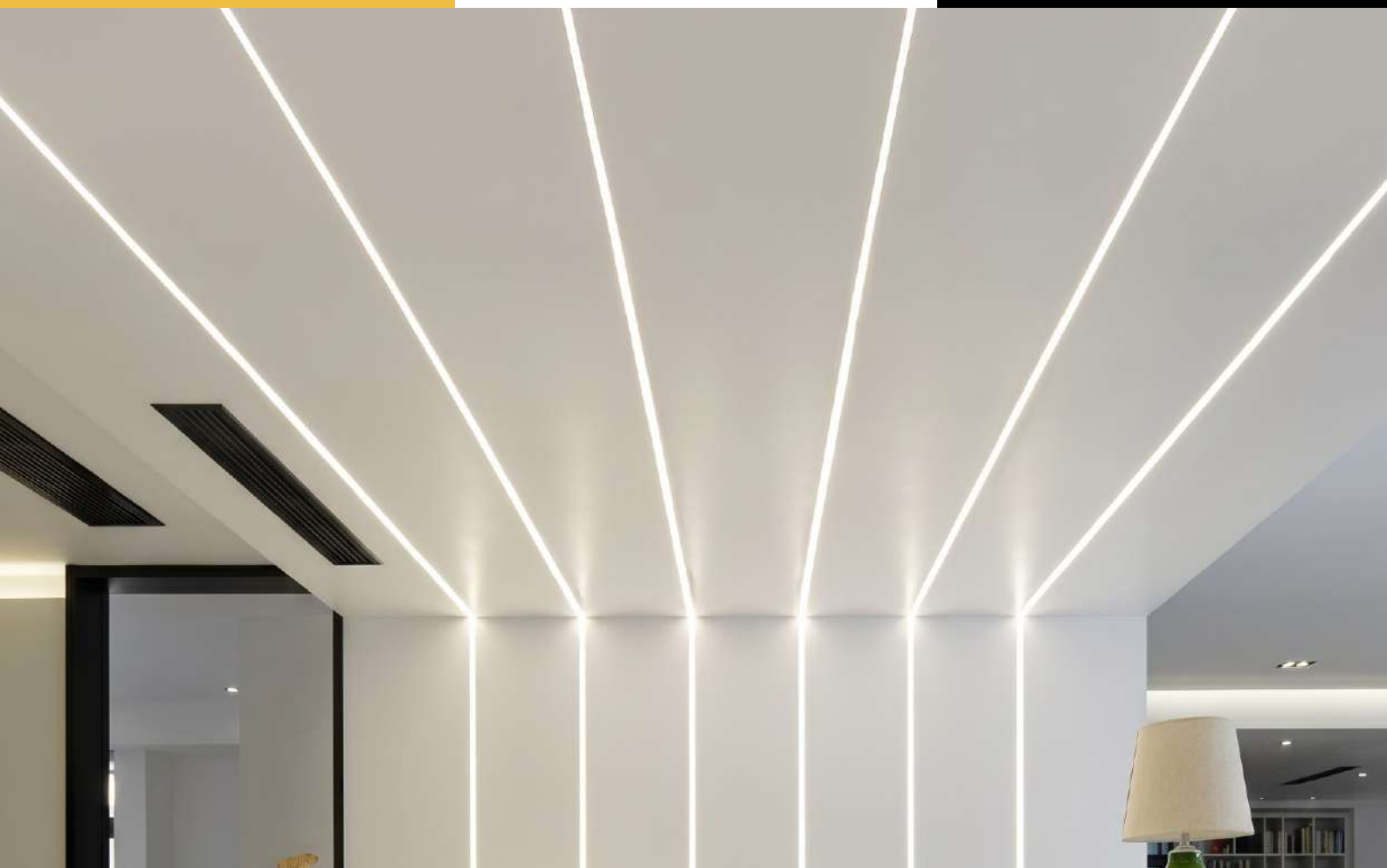
DATASHEET SPRL2_STR

Recessed Trim linear strip light



SPARTA

SPRL2_STR



Description

Rigid recessed trim linear strip light system designed for seamless architectural integration and continuous glare-free illumination.

Design Capability

- Compatible with COB and SMD strip light configurations
- Multiple CCT options including 2700K-6500K, Tunable White, and RGB/RGBW
- Custom profile finishes in black, white, silver, and customized colors
- Flexible wattage and lumen output depending on selected strip light
- Continuous linear runs with customizable lengths and recessed layouts
- Compatible with preferred strip brands, drivers, and dimming systems

Key Feature



- **Slim profile**
suitable for ceilings, walls, joinery, and shadow gaps



- **Recessed trim profile**
for clean and precise architectural integration



- **Continuous linear illumination**
with uniform opal diffusion

Ideal Applications

- Recessed ceiling linear lighting
- Shadow gap architectural details
- Wall and ceiling feature lines
- Corridor and circulation lighting
- Joinery and cabinetry integration
- Hospitality and residential interiors
- Retail and commercial architectural lighting

SPARTA

SPRL2_STR

Beam Angle
120°

IP
20

Life time
50,000
Hours

Diffuser
Opal
PMMA

CRI
90



• Technical Specifications

Product Type	Recessed Trim Linear Strip Light System
Installation	Recessed with Trim
Light Source	LED Strip Light
Strip Compatibility	COB / SMD
Input Voltage	24V DC
Body Material	Extruded Aluminum
Dimming Options	On/Off, DALI, 0-10V, 1-10V

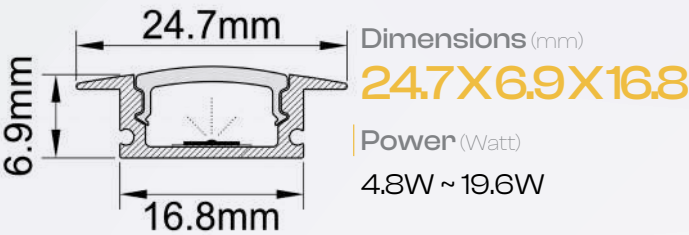
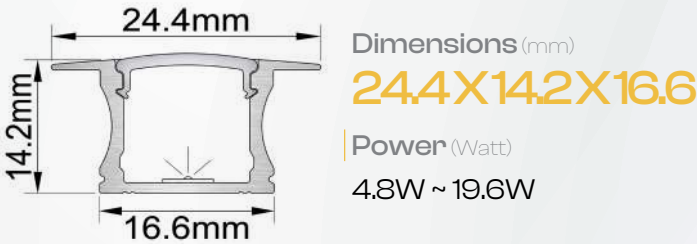
• Strip Light Compatibility

Strip Type	Power Range	Typical Application
COB IP20	10W-15W/m	Seamless continuous lighting
SMD 9.6W	9.6W/m	Decorative recessed lighting
SMD 14.4W	14.4W/m	High brightness architectural lighting
Tunable White	Configurable	Dynamic ambient lighting
RGB / RGBW	Configurable	Decorative feature lighting

SPARTA

SPRL2_STR

Dimension and Capacity



Available Configurations

Profile Application	Description
Ceiling Recessed	Continuous ceiling light lines
Wall Integrated	Architectural wall detailing
Shadow Gap	Concealed perimeter illumination
Cabinet Recessed	Joinery and furniture integration
Cabinet Recessed	Directional architectural lighting

Accessories

Accessory	Function
Recessed Mounting Clips	Secure recessed installation
End Caps	Clean profile finishing
Power Feed Connector	Electrical connection
Aluminum Mounting Channel	Linear alignment support
Diffuser Cover	Uniform light diffusion

Installation & Safety

1. Prepare recessed channel according to profile dimensions.
2. Ensure clean and accurate cut-out before installation.
3. Install aluminum profile securely inside recessed cavity.
4. Connect compatible 24V driver before powering ON.
5. Insert strip light carefully into profile channel.
6. Install diffuser and end caps after testing.
7. Indoor use only unless specified otherwise.

Reference Notes

Profile dimensions and recessed configuration adapted from provided recessed strip profile reference images and technical layout.
Reference structure aligned with SPARTA SPRL3-STR standard.



AURORA BOREALE