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ABTECH Lighting Solutions

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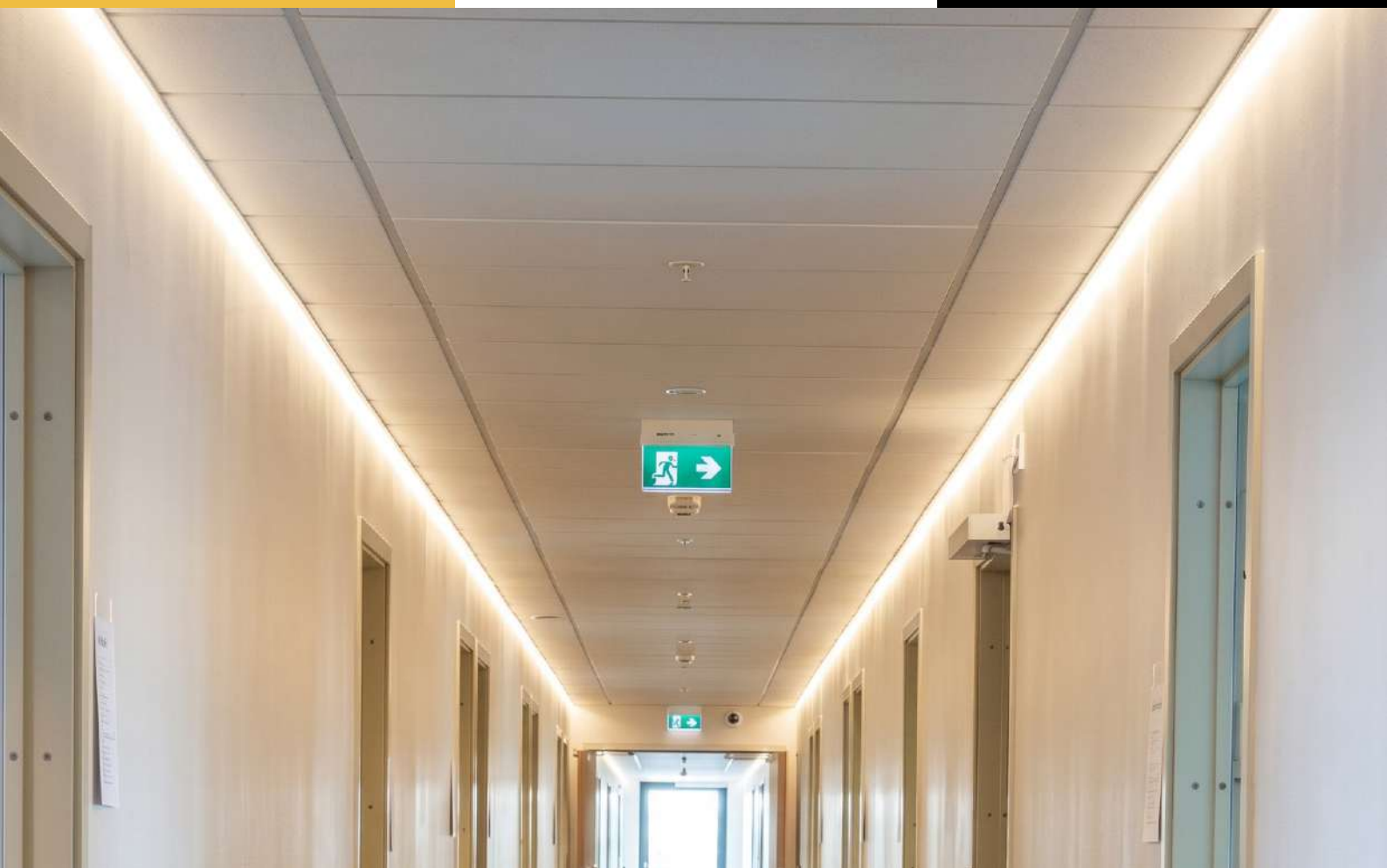
DATASHEET SPRL3-STR

Surface Strip linear strip light



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Description

Rigid linear strip light system for surface or suspended installation with seamless indirect and architectural 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 dimensions
- Compatible with preferred strip brands, drivers, and control systems

Key Feature



- **Slim aluminum profile**
designed for strip light integration



- **Suitable for**
concealed, shelf, cove, and architectural linear lighting



- **Continuous glare-free illumination**
with opal diffuser

Ideal Applications

- Shelf and cabinet illumination
- Cove and indirect ceiling lighting
- Kitchen under-cabinet lighting
- Architectural wall details and shadow gaps
- Hospitality and residential decorative lighting
- Retail display shelving and showcase lighting
- Corridor and circulation lighting accents

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Beam Angle
120°

IP
20

Life time
50,000
Hours

Diffuser
Opal
PMMA

CRI
90



• Technical Specifications

Product Type	Rigid Linear Strip Light System
Installation	Surface / Suspended
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
Mounting Accessories	Surface Clips / Suspension Kit

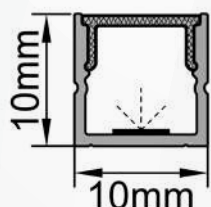
• Strip Light Compatibility

Strip Type	Power Range	Typical Application
COB IP20	10W-15W/m	Seamless continuous lighting
SMD 9.6W	9.6W/m	Decorative linear lighting
SMD 14.4W	14.4W/m	High brightness applications
Tunable White	Configurable	Dynamic white lighting
RGB / RGBW	Configurable	Decorative and mood lighting

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Dimension and Capacity

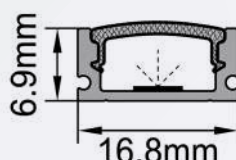


Dimensions (mm)

10 X 10

Power (Watt)

4.8W ~ 19.6W

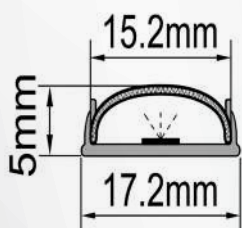


Dimensions (mm)

16.8 X 6.9

Power (Watt)

4.8W ~ 19.6W

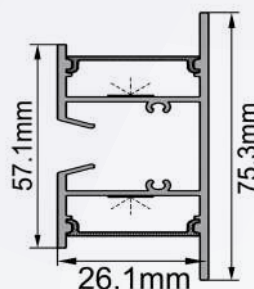


Dimensions (mm)

15.2 X 5

Power (Watt)

4.8W ~ 19.6W

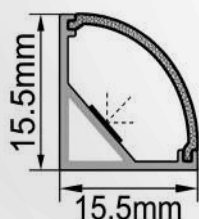


Dimensions (mm)

26.1 X 57.1

Power (Watt)

4.8W ~ 19.6W

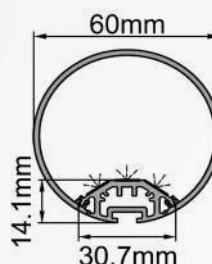


Dimensions (mm)

15.5 X 15.5

Power (Watt)

4.8W ~ 19.6W

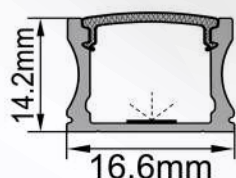


Dimensions (mm)

D60

Power (Watt)

4.8W ~ 19.6W



Dimensions (mm)

16.6 X 14.2

Power (Watt)

4.8W ~ 19.6W

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Available Configurations

Profile Application	Description
Shelf Integrated	Concealed under-shelf illumination
Surface Mounted	Direct architectural linear lighting
Corner Integrated	Shadow gap and ceiling detail lighting
Under Cabinet	Kitchen and joinery lighting
Continuous Linear	Long uninterrupted lighting runs

Accessories

Accessory	Function
Surface Mounting Clips	Surface installation
Suspension Kit	Pendant mounting
End Caps	Clean profile finishing
Power Feed Connector	Electrical connection
Corner Connector	Linear transition connection

Installation & Safety

1. Ensure mounting surface is clean and level.
2. Fix mounting clips according to profile length.
3. Install aluminum profile securely.
4. Connect compatible 24V driver before powering ON.
5. Insert strip light carefully inside profile channel.
6. Install diffuser and end caps after testing.
7. Indoor use only unless specified otherwise.

Reference Notes

Reference design basis adapted from existing SPARTA SPRL3 datasheet structure.

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