# US LED™
## Always the Right Choice!

| Project | Date |
|---|---|
| | |

| Catalog Number | Type |
|---|---|
| | |

# LAS1
## LED Architectural Strip

## Product Performance Summary

| | |
|---|---|
| **Lumen Output** | Up to 3,988 Lumens |
| **Efficacy** | Up to 130 LPW |
| **CRI** | ≥ 80 CRI |
| **Available CCT** | Selectable CCT: 3000K, 4000K & 5000K |
| **Warranty** | Ten-Year Warranty |

## Product Overview

The LED Architectural Strip (LAS1) delivers brilliant illumination and visual comfort for those looking for a sophisticated indoor lighting solution. With a sleek form factor, the LAS1 comes standard in a beautiful white finish to integrate seamlessly into any indoor application to make the right lighting design statement. The LAS1 allows you to select your preferred CCT in the field for more flexibility, further simplifying lighting design and installation.
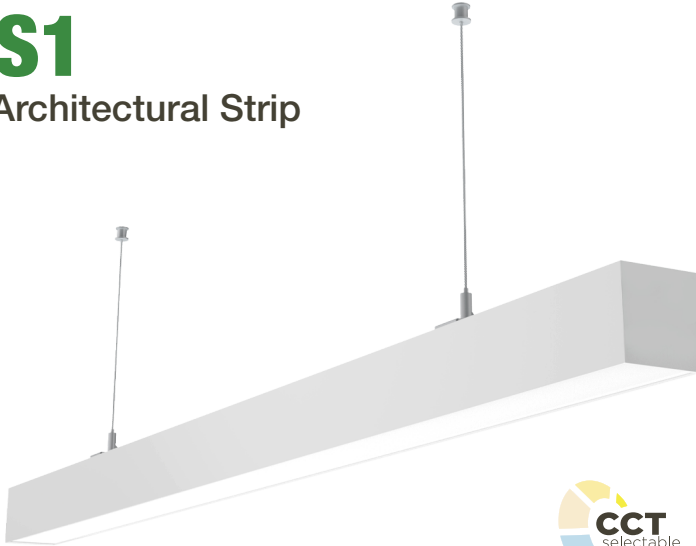
## Key Features

- Architectural linear lighting solution that delivers exceptional performance and design flexibility.
- Sleek design with no visible hardware or holes offers modern elegance for indoor applications.
- Integrated switch to select CCT in the field.
- Smooth dimming down to 5% with compatible 0-10V controllers.

## Electrical

- 120-277VAC input; 0-10V dimming standard.
- System power factor >90% and THD <20%.
- Operating temperature: -20°C to 50°C (-4°F to 122°F)

## Mounting

- Cable suspended, surface mounted, wall mounted, or recessed mounted with accessory kits (consult factory). [3]
- Ceiling canopies available to mount to existing J-Box (with and without power feed).

## Construction

- Extruded aluminum housing optimizes thermal management and protects components.
- Post-painted powder coat with a standard white finish and power cables standard white finish. Custom colors available.[2]
- Polycarbonate flat lens is designed to maximize lumen output and minimize glare.

## Optics

- Industry-leading LEDs with selectable CCT: 3000K, 4000K, and 5000K CCT (≥80 CRI).
- Full illumination with 90° beam angle.
- Lumen Maintenance: >50,000 hours (L70) [1]

## Warranty

- Backed by US LED's industry-leading Ten-Year Warranty.

## Product Applications

- Retail Stores
- Convenience Stores
- Office Spaces
- Conference Rooms
- Hallways/Corridors
- Healthcare Facilities
- Restaurants
- Commercial Spaces

## Product Certifications

- ETL Listed
- Complies with UL1598 and CSA 22.2
- DLC Listed
- RoHS Compliant

## Ordering Information

*Example: LAS1-4-30-UNVL-SCCT-WH-N-DO*

| LAS1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Series** | **Size** | **Power** | **Input Voltage** | **CCT** | **Finish** | **Linkable** | **Distribution** |
| **4** 4 ft. | **30** 30W | **UNVL** 120-277V | **SCCT** Selectable CCT: 3000K, 4000K & 5000K | **WH** White / **C** Custom [2] | **N** Not Linkable / **L** Linkable | **DO** Downlight Only | |

| | Accessories |
|---|---|
| **BBU** | Remote Battery Backup |
| **LAS1-MS** | Microwave Sensor |

LAS1
080525
www.usled.com | 866-972-9191 | customerservice@usled.com
Due to continued product improvements, product specifications are subject to change without notice. Please visit www.usled.com for the most updated product specifications.
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# LAS1
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## Performance Data

### Luminaire Photometric Data & Distribution

| Model Number | LAS1-4-30-UNVL-SCCT-XX-N-DO |
|---|---|
| Issue Date | 05-11-2023 |
| IESNA | LM-63-2002 |
| Lamp | LED |
| Total Input Watts | 30.3 |
| Total Lumens | 3958.5 |
| Efficacy | 130.6 LPW |

| Model | Distribution | CCT | System Level Power | Delivered Lumens | Efficacy | L70 Calculated Life |
|---|---|---|---|---|---|---|
| LAS1-4-30-UNVL-SCCT-XX-X-DO | Downlight Only | 3000K | 30.1W | 3,894 | 129.4 LPW | >50,000 Hours |
| | | 4000K | 29.5W | 3,988 | 135.2 LPW | >50,000 Hours |
| | | 5000K | 30.3W | 3,958 | 130.6 LPW | >50,000 Hours |
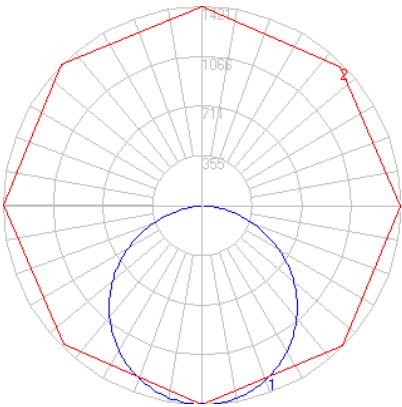
## Dimensions

| Model Size | Net Weight |
|---|---|
| 4 FT. | 1.65 lbs. (0.75kg) |

### END VIEW

2.44 in.
[62 mm]

3.15 in.
[80 mm]

### SIDE VIEW

47.48 in. (With End Cap)
[1206 mm]

47.24 in. (Without End Cap)
[1200 mm]

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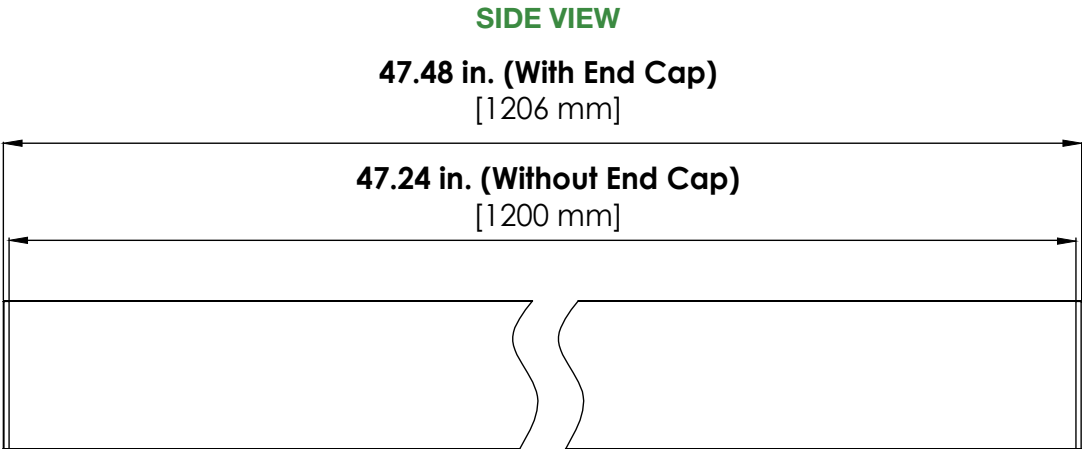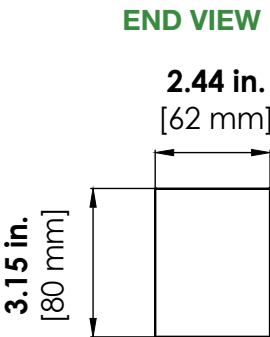
## Cable Suspended Mounting

| WHAT'S INCLUDED | POWER FEED CANOPY KIT **LAS-PC** | NO POWER FEED CANOPY KIT **LAS-NC** |
|---|---|---|
| **MOUNTING BRACKET TO J-BOX** | J-BOX MOUNTING BRACKET WITH GROUND WIRE | J-BOX MOUNTING BRACKET |
| **MOUNTING HARDWARE** | J-BOX MOUNTING SCREWS (8-32) | J-BOX MOUNTING SCREWS (8-32) — TOGGLE BOLTS |
| **CANOPY** | POWER FEED CANOPY WITH CORD GRIP | NO FEED CANOPY |
| **AIRCRAFT CABLE SET** | AIRCRAFT CABLE / AIRCRAFT CABLE GRIPPER / FIXTURE CLIP | AIRCRAFT CABLE / AIRCRAFT CABLE GRIPPER / FIXTURE CLIP |
| **WIRE NUTS** | ✓ | ✗ |
| **5 WIRE CABLE** | ✓ | ✗ |
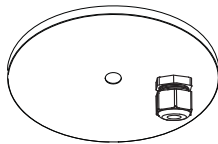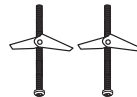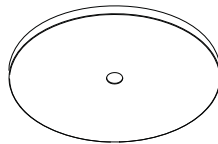
### Mounting Kit Accessories

| | |
|---|---|
| **LAS-NC1** | 8 FT Non-Power Feed Kit |
| **LAS-PC1** | 8 FT Power Feed Kit |
| **LAS-NC2** | 20 FT Non-Power Feed Kit |
| **LAS-PC2** | 20 FT Power Feed Kit |

- Cable mounting requires two kits per single fixture: (1) power feed & (1) non-power
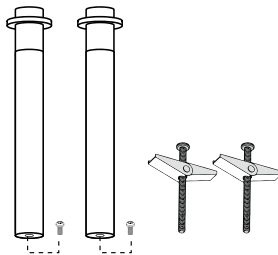- Power feed cable standard white finish. Consult factory for color matching on custom fixtures.

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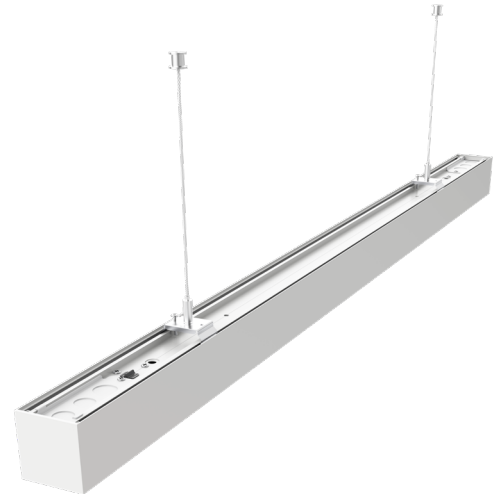
## Surface Mounting

### *Drywall or Concrete Only*

**POWER FEED KIT**
**LAS-SM-PF-W**
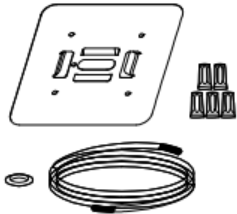
J-Box Cover,
5 Wire Cable, Bushing,
and Wire Nuts

**NON-POWER FEED KIT**
**LAS-SM-NF**

Toggle Bolts and Studs
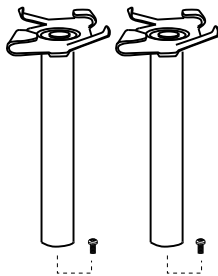
| Mounting Kit Accessories | |
|---|---|
| LAS-SM-NF | Surface Mount Kit Non-Power Feed |
| LAS-SM-PF-W | Surface Mount Power Feed (White) |

Drywall/concrete ceiling mounting requires two kits per single fixture: (1) power feed & (1) non-power

### *T-Bar Grid Only*

**NON-POWER FEED KIT**
**LAS-SM-TGRID-NF**

T-Bar Studs and Screws

| Mounting Kit Accessories | |
|---|---|
| LAS-SM-TGRID-NF | T-Bar Grid Surface Mount Kit 15/16" Non-Power Feed |

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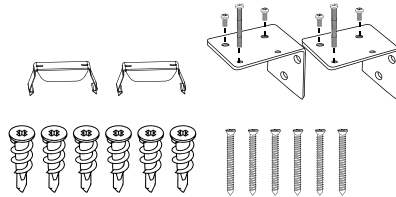*Always the Right Choice!*

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## Wall Mounting

### POWER FEED KIT
**LAS-WM-NF**



J-Box Cover,
5 Wire Cable, Bushing,
and Wire Nuts

### NON-POWER FEED KIT
**LAS-WM-PF**



Fixtures Clips, Wall Brackets
With Screws, Wall Anchors
and Mounting Screws
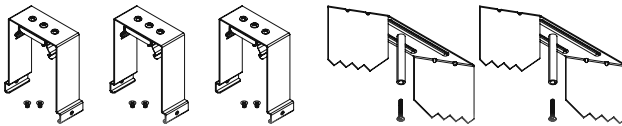
| Mounting Kit Accessories | |
| --- | --- |
| LAS-WM-NF | Wall Mount Non-Power Feed Kit |
| LAS-WM-PF | Wall Mount Power Feed Kit |

Wall mounting requires two kits per single fixture: (1) power feed & (1) non-power
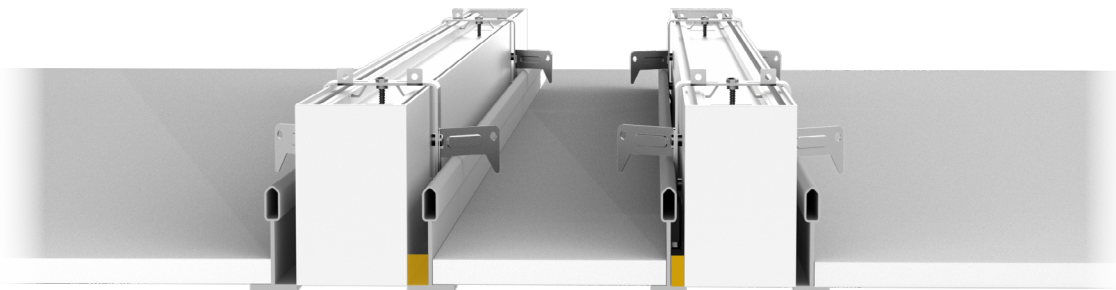


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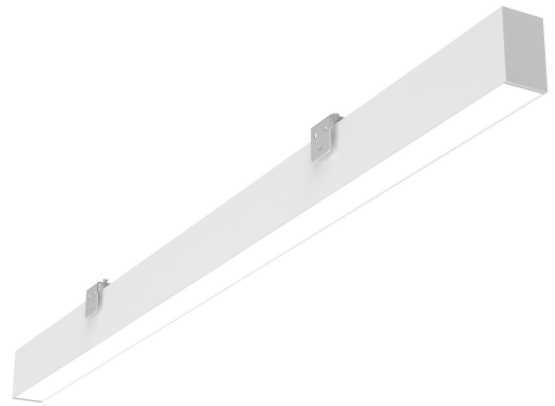
## Recessed Mounting

### MOUNTING KIT
**LAS-RM-TBAR or LAS-RDW**



T-Bar Fixing Brackets, Vibration Clamps,
and Screws

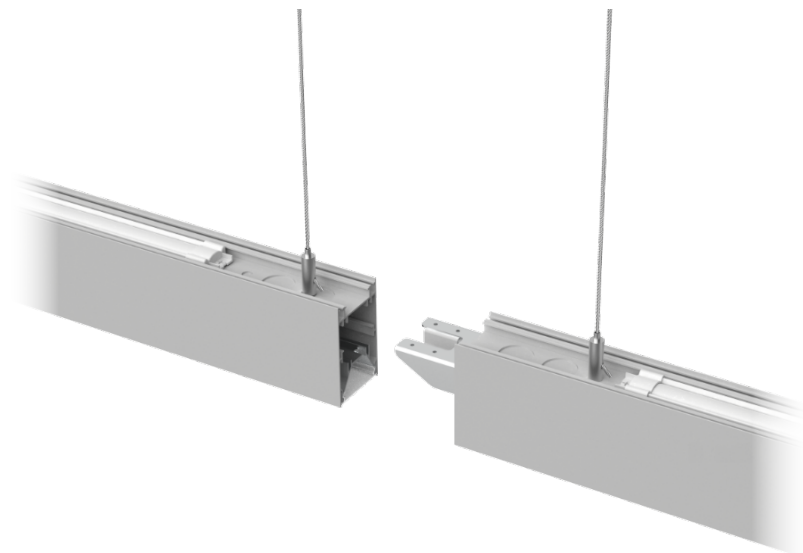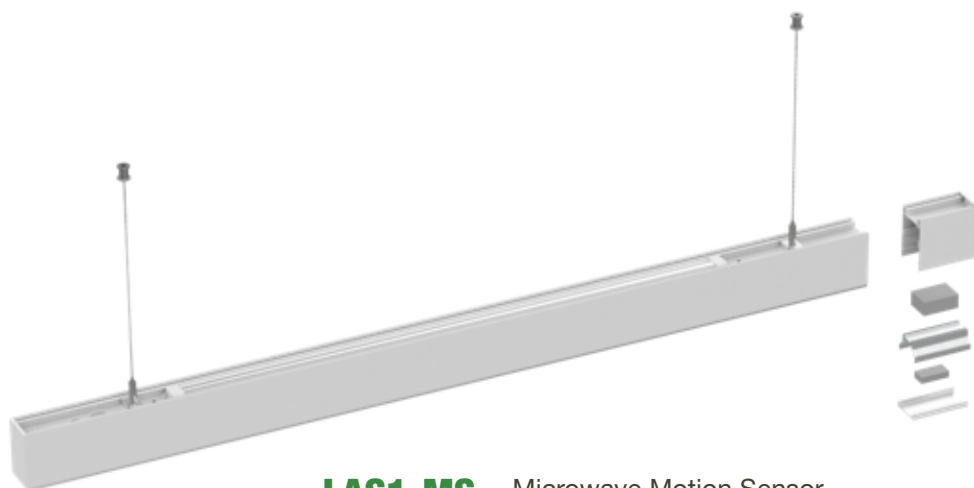| Mounting Kit Accessories | |
| --- | --- |
| LAS-RM-TBAR | Recessed T-Bar Mounting Kit |
| LAS-RDW | Recessed Drywall Mounting Kit |



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## Accessories

Quick Connection Bracket For
Linking Multiple LAS1 Fixtures

**LAS1-MS**  Microwave Motion Sensor
Integrated Into LAS1 Housing

sensor