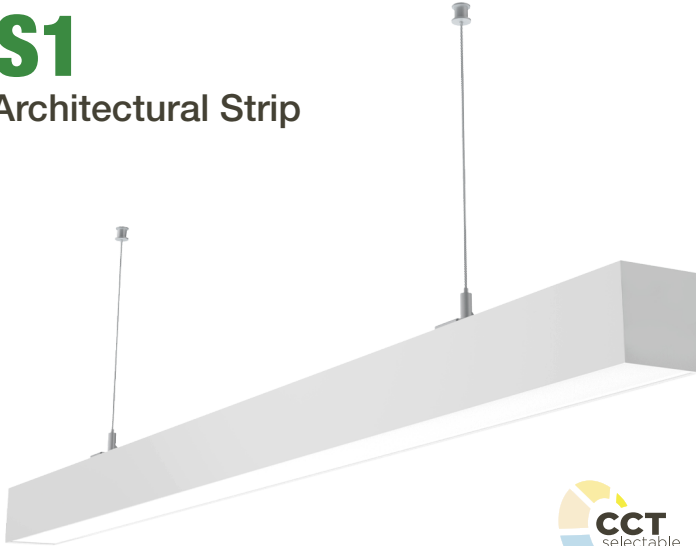


LAS1

LED Architectural Strip



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.
- Flicker-free, smooth dimming across a wide dimming range 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.

Project	Date
---------	------

Catalog Number	Type
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Product Performance Summary

Lumen Output	Up to 3,988 Lumens
Efficacy	Up to 135 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.

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
LAS1-BBU Remote Battery Backup
LAS1-MS Microwave Sensor

1. Product 'lifetimes' refer only to the LED light engine, not the power source, and are based on the Illuminating Engineering Society's TM21 Projected Lumen Maintenance methodology at a 25°C/77°F ambient temperature. Lifetimes are meant to be a guide for expected LED degradation and not a warranty or predictive of their actual life, which is affected by ambient temperatures and other factors.

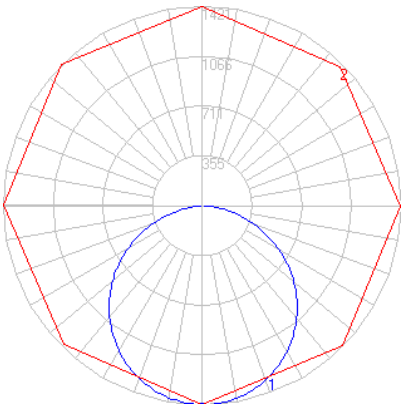
2. Consult factory for more information about custom color finishes and matching power cable colors.

3. Consult factory for recommended mounting accessory kits. Mounting kits are required for installation.

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)

SIDE VIEW

47.48 in. (With End Cap)

[1206 mm]

END VIEW

2.44 in.

[62 mm]

3.15 in.

[80 mm]

47.24 in. (Without End Cap)

[1200 mm]

LAS1

LED Architectural Strip



Battery Backup

LAS1-BBU | LAS1 Emergency Battery Backup

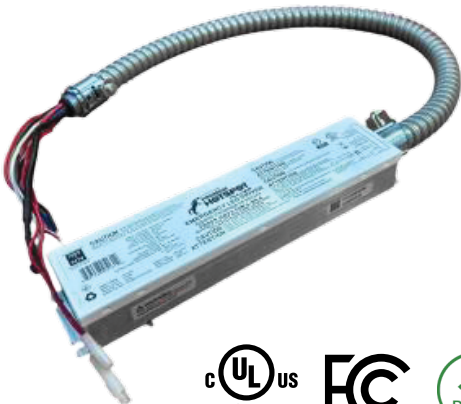
FHSCP-UNV3-10W-L-SD-A | 10W | 100-347V

Overview

The Fulham HotSpot Constant Power battery backup adds field-installable emergency capability to LED luminaires. During a power outage, the emergency driver automatically engages, providing a constant source of power to the LED modules for at least 90 minutes of reliable emergency illumination.

Key Features

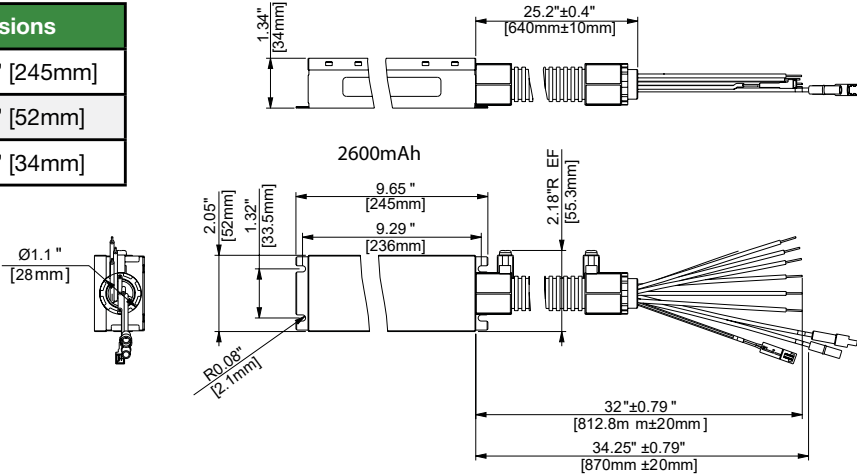
- Long life, maintenance-free LiFePO4 battery.
- Suitable for dry and damp locations.
- Constant power output.
- Deep discharge protection.
- Accessory test switch and charge indicator.
- Five-Year Warranty.



Specifications

Rated Input Voltage	100-347V,50/60Hz
Input Current	<0.1A
Input Power	<5W
Standby Power	0.85W
Input Power Pass-Through Rating (AC Driver Line)	3A
Output Power	10W
Output Voltage Range	12-55V $\overline{\text{---}}$
Output Current Rated	0.833A Max
Input Surge Protection	3KV/6KV Ring wave, 1KV/2KV Combined surge
Battery Capacity	2600mAh
Recharge Time	24 Hours
Discharge Time	90 Minutes
Ambient Operating Temperature	0°C to 55°C (32°F to 131°F)
Service Life	50,000 Hours
RFI/EMI	FCC

Overall Dimensions	
Length	9.65" [245mm]
Width	2.05" [52mm]
Height	1.34" [34mm]



Cable Suspended Mounting

WHAT'S INCLUDED

MOUNTING BRACKET TO J-BOX

MOUNTING HARDWARE

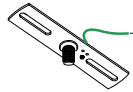
CANOPY

AIRCRAFT CABLE SET

WIRE NUTS

5 WIRE CABLE

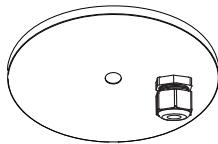
POWER FEED CANOPY KIT LAS-PC



J-BOX MOUNTING BRACKET
WITH GROUND WIRE



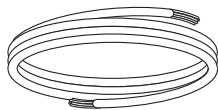
J-BOX
MOUNTING
SCREWS (8-32)



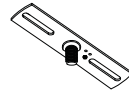
POWER FEED CANOPY
WITH CORD GRIP



AIRCRAFT CABLE
AIRCRAFT CABLE GRIPPER
FIXTURE CLIP



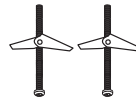
NO POWER FEED CANOPY KIT LAS-NC



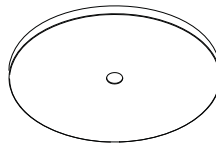
J-BOX MOUNTING BRACKET



J-BOX
MOUNTING
SCREWS (8-32)



TOGGLE BOLTS



NO FEED CANOPY



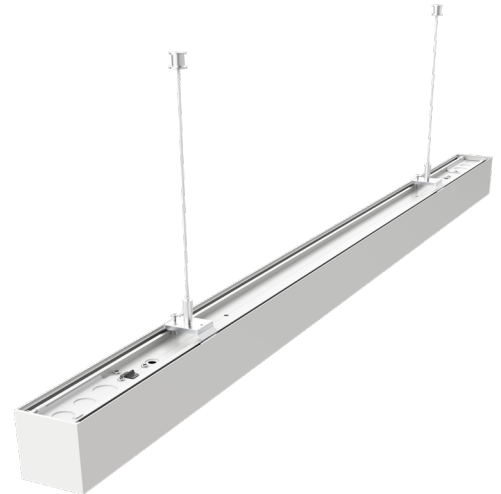
AIRCRAFT CABLE
AIRCRAFT CABLE GRIPPER
FIXTURE CLIP



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.



Surface Mounting

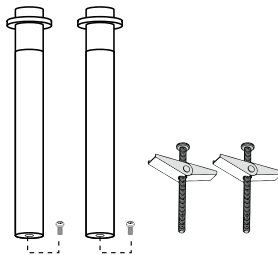
Drywall or Concrete Only

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

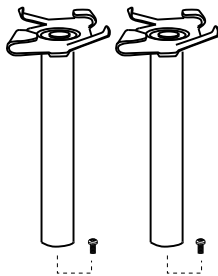
LAS-SM-NF	Surface Mount Kit Non-Power Feed
LAS-SM-PF-W	Surface Mount Power Feed (White)

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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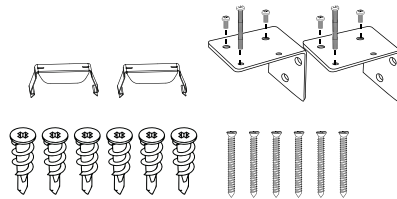
Wall Mounting

POWER FEED KIT LAS-WM-NF



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

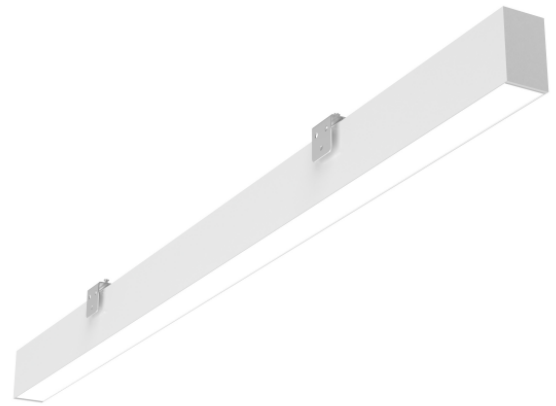
NON-POWER FEED KIT LAS-WM-PF



Fixtures Clips, Wall Brackets
With Screws, Wall Anchors
and Mounting Screws

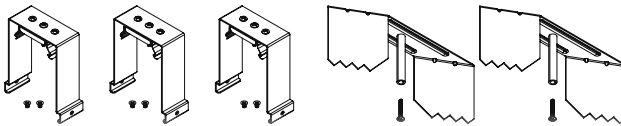
Mounting Kit Accessories	
LAS-WM-NF	Wall Mount Non-Power Feed Kit
LAS-WM-PF	Wall Mount Power Feed Kit

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



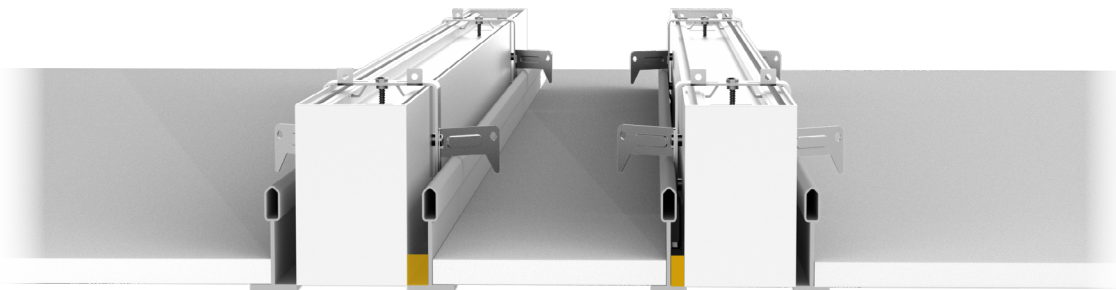
Recessed Mounting

MOUNTING KIT LAS-RM-TBAR or LAS-RDW

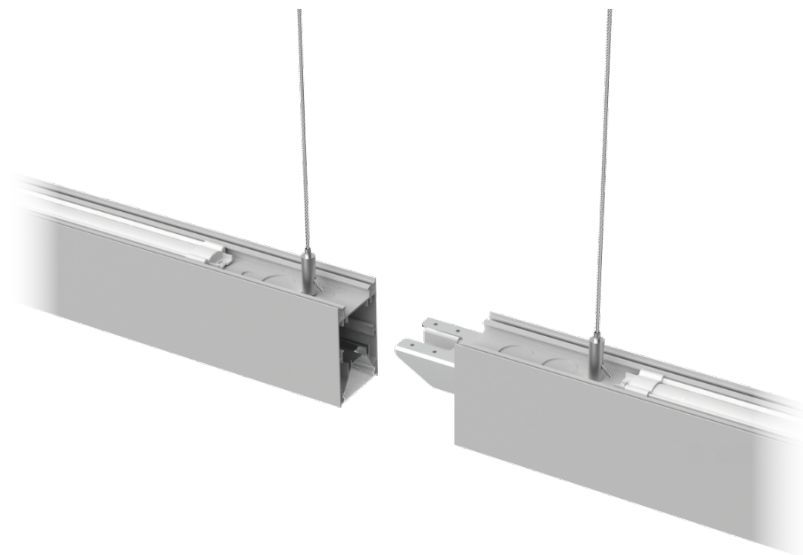


T-Bar Fixing Brackets, Vibration Clamps,
and Screws

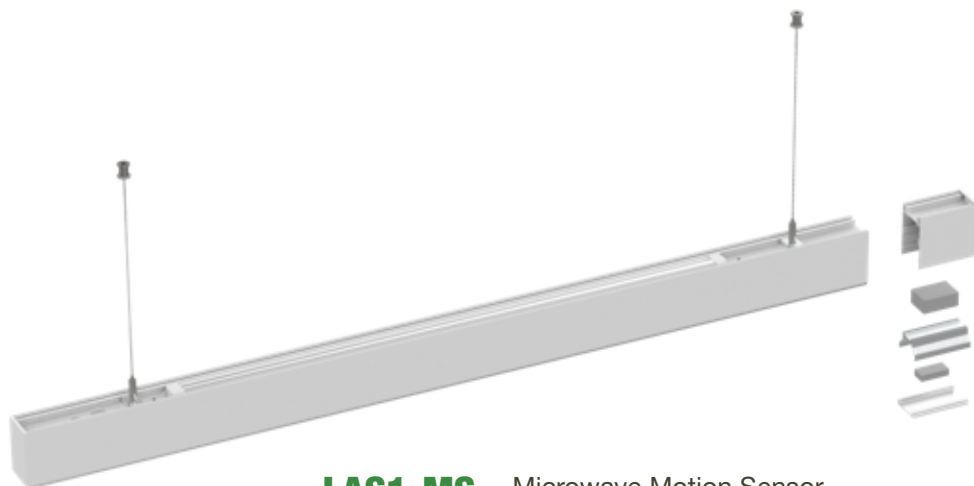
Mounting Kit Accessories	
LAS-RM-TBAR	Recessed T-Bar Mounting Kit
LAS-RDW	Recessed Drywall Mounting Kit



Accessories



Quick Connection Bracket For Linking Multiple LAS1 Fixtures



LAS1-MS

Microwave Motion Sensor
Integrated Into LAS1 Housing

