

# USL1

## LED Linear Strip Light | Selectable CCT & Wattage



### Key Features

- The compact linear design makes it easy to install virtually anywhere you need lighting.
- Choose the perfect CCT and wattage that suits the setting with integrated switches.
- Motion sensing capabilities allow it to turn on and off as needed, providing convenient and energy-efficient lighting.
- Emergency back-up option available.

### Electrical

- 120-277VAC input. 50/60Hz input.
- 0-10V dimming standard.
- Power factor: >0.98 and THD <20%.
- Operating temperature: -30°C to 40°C (-22°F to 104°F)

### Mounting

- Ready to be suspended with adjustable cable or surface mounted with snap joints.

### Construction

- Aluminum housing in a standard white finish that optimizes thermal management.
- Frosted acrylic diffuser designed for uniform light distribution, superior glare control, and improved aesthetics.
- End caps are high-impact injection molded PMMA material in a standard white finish.
- Standard 10' white power cord.

### Optics

- Selectable CCT switch with choices of 3500K, 4000K, and 5000K.
- Industry-leading LEDs with ≥80 CRI.
- Lumen Maintenance: >161,000 hours (L70) <sup>1</sup>

### Warranty

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

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

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

### Product Performance Summary

<b>Lumen Output</b>	Up to 6,106 lumens
<b>Efficacy</b>	Up to 152 LPW
<b>CRI</b>	≥ 80 CRI
<b>Available CCT</b>	Selectable CCT 3500K, 4000K & 5000K
<b>Warranty</b>	Ten-Year Warranty

### Product Overview

The USL1 LED linear strip light is a modern lighting solution that offers exceptional performance and ease of use. This versatile strip features selectable CCT and wattage switches, allowing you to choose the perfect lighting for any setting. Moreover, it can be specified with motion-sensing capabilities to support occupant well-being and optimize energy usage. Designed to deliver brilliant illumination and clarity, the USL1 is built to be installed easily in any location, so your new lighting is up and running in no time.

### Product Applications

- Self-Storage Facilities
- Educational Facilities
- Industrial/Warehouse
- Office Spaces
- Retail/Grocery
- Hallways/Displays

### Product Certifications

- ETL Listed for US & Canada
- Complies with UL1598 and CSA 22.2
- DLC Listed
- Suitable for Indoor Damp Locations
- RoHS Compliant



*Example: USL1-4-UNV-SCCT*

### Ordering Information

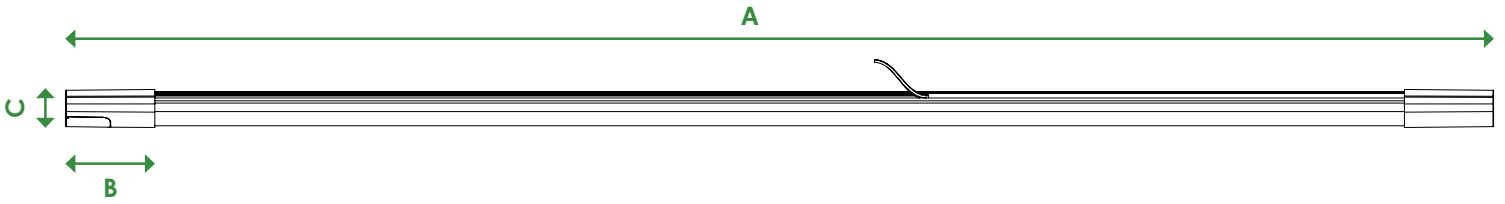
USL1	<input type="text"/>	<input type="text"/>	<input type="text"/>
Series	Size	Input Voltage	CCT
4	4 ft. Model: 25W/35W/45W	UNV 120-277V	SCCT Selectable CCT: 3500K, 4000K, and 5000K

Accessories	
<b>B</b>	Battery Back-Up
<b>BM</b>	Battery Back-Up & Internal Motion Sensor (On/Off)
<b>BMS</b>	Battery Back-Up & Motion Sensor (Dimming Photocell)
<b>JB</b>	Junction Box
<b>JBMS</b>	Junction Box & Motion Sensor
<b>M</b>	Internal Motion Sensor (On/Off Only)
<b>NL</b>	External Motion Sensor (On/Off Only)
<b>30264</b>	Adjustable Cable Kit (10 ft., 2 Qty.)

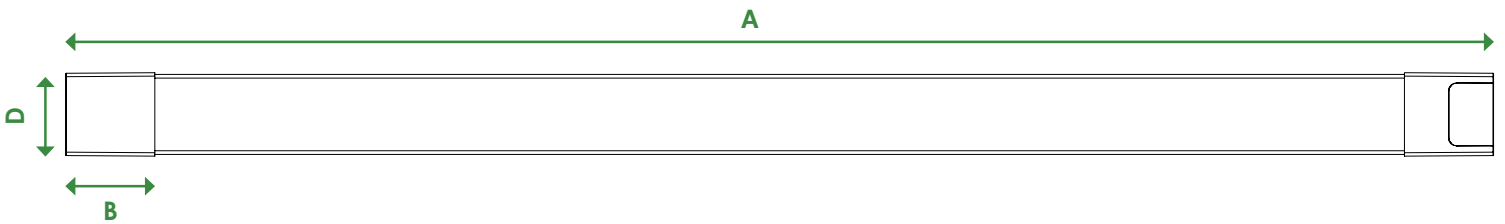
1. US LED product 'Lifetimes' refer only to the LED light engine, not the power source, and are based on IESNA TM21 Projected Lumen Maintenance methodology at a 25° C / 77° F ambient temperature. The lifetimes are solely meant to be a guide for expected LED degradation and not a warranty or predictive of their actual life, which can be affected by ambient temperatures and other factors. In accordance with IESNA TM-12-11, calculated values represent time durations that exceed six times NA LM-80-08 total test duration (in hours) for the device under testing (DUT) i.e. the packaged LED chip.

## Dimensions

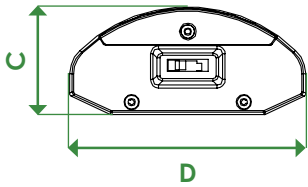
Standard Side View



Standard Bottom View



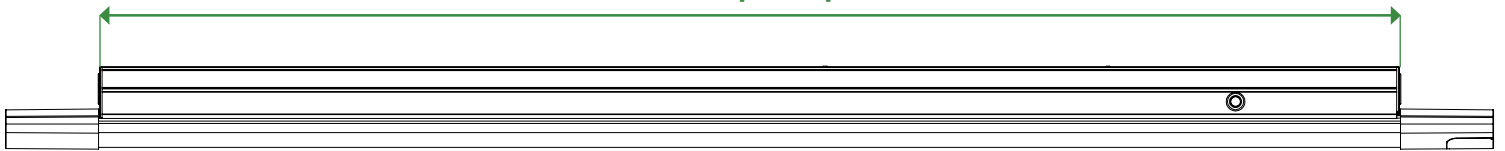
Standard End View



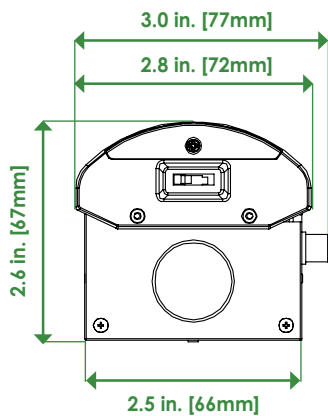
Size	A	B	C	D	Net Weight
4 ft.	47.2 in. [1200 mm]	2.9 in. [75mm]	1.3 in. [33mm]	2.8 in. [72mm]	2.0 lbs. (0.9kg)

Battery Back-Up Side View

41.3 in. [1048mm]



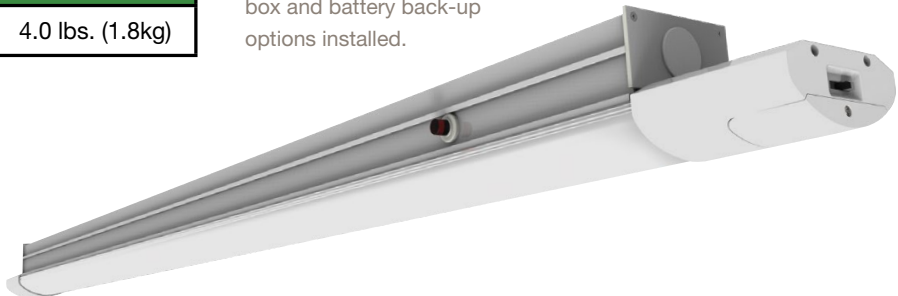
Battery Back-Up End View



**Net Weight**

4.0 lbs. (1.8kg)

USL1 shown with junction box and battery back-up options installed.

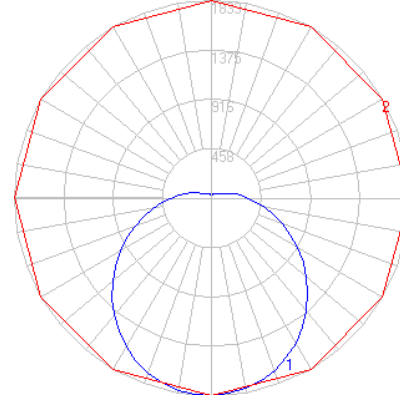


Performance Data

*Luminaire Photometric Data*

Model Number	<b>USL1-4-UNV-SCCT 45</b>
Issue Date	<b>12/17/2022</b>
IESNA	<b>LM-63-2002</b>
Lamp/CCT	<b>LED/5000K</b>
Total Input Watts	<b>45.3</b>
Total Lumens	<b>6106.4</b>
Efficacy	<b>134.8</b>

*Luminous Intensity Distribution Diagram*



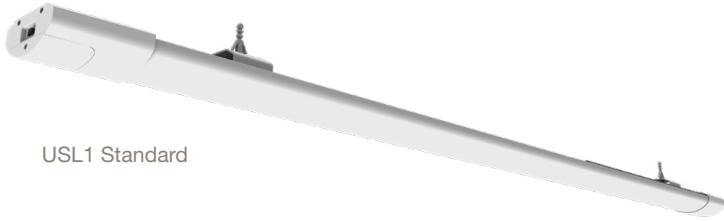
Model	Wattage	System Level Power	Delivered Lumens	Efficacy	CCT	L70 Calculated Life
<b>USL1-4-UNV-SCCT</b>	<b>25W</b>	24.6W	3619.4	147.1 LPW	3500K	>161,000 Hours
		23.6W	3644.3	152.5 LPW	4000K	>161,000 Hours
		24.4W	3562.6	146.0 LPW	5000K	>161,000 Hours
	<b>35W</b>	35.4W	5044.6	142.5 LPW	3500K	>161,000 Hours
		34.7W	5244.3	151.1 LPW	4000K	>161,000 Hours
		36.0W	5062.9	140.6 LPW	5000K	>161,000 Hours
	<b>45W</b>	45.2W	6087.5	134.7 LPW	3500K	>161,000 Hours
		43.9W	6437.5	146.6 LPW	4000K	>161,000 Hours
		45.3W	6106.4	134.8 LPW	5000K	>161,000 Hours

## Mounting Options

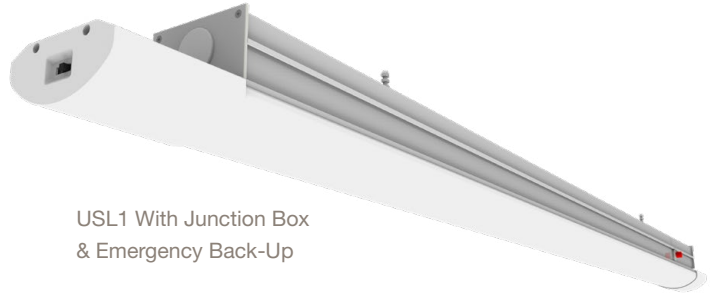
---

### Surface Mount With Snap Joints

USL1 Snap Joints (2 Qty.)



USL1 Standard



USL1 With Junction Box  
& Emergency Back-Up

### Suspended Mount With Adjustable Cables

[30264] - USL1 Adjustable Cables (2 Qty.)



USL1 Standard



USL1 With Junction Box  
& Emergency Back-Up