



Outdoor LED Sign Lighting & Wall Washer



Key Features

- Supports uplight or downlight installation to solve challenging lighting layouts.
- The improved sealed lens assembly ensures long-lasting sign lighting performance.
- The proprietary refractive optics allow close proximity placement while evenly distributing light across targeted signage and walls.
- Modular 1 ft. and 4 ft. sections create a scalable system for continuous runs.

Electrical

- 24VDC low-voltage input with external Class 2 power supply operation.
- Operating temperature: -40°C to 45°C (-40°F to 113°F)
- External 24VDC Class 2 power supply is required. Outdoor-rated cable is required. Optional weather-resistant enclosure available.

Mounting

- Mounts above or below the targeted surface for flexible installation.
- Surface mounted using the SMT1-1-BK-V kit accessory (sold separately).

Construction

- Strengthened die-cast aluminum housing with corrosion-resistant black powder coat finish and IP65-rated exterior protection. Consult factory for other custom color finishes.
- Individual 1 ft. and 4 ft. units are designed to be serviced or replaced without disturbing the adjacent sections.
- Standalone 4 ft. unit with end caps available.
- Unit net weights: 1 ft. (0.3 lbs.), 4 ft. (1.2 lbs.)

Optics

- Proprietary refractive optics to project light evenly along the wall or signage while staying in close proximity to the target.
- [LinearStar Estimator tool](#) available to calculate required complete project materials based on the target application dimensions.
- High-performance LEDs; 5000K CCT (≥80 CRI). Consult factory for other CCT options.
- Lumen Maintenance (L70): 163,000 hours ¹

Warranty

- LinearStar sign lighting system is backed by US LED's limited Five-Year Warranty.

Project	Date
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Catalog Number	Type
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Product Performance Summary

Lumen Output	Up to 1,554 lumens (Per Section)
Efficacy	Up to 95 LPW (Per Section)
CRI	≥ 80 CRI
Available CCT	5000K
Warranty	Five-Year Warranty

Product Overview

US LED's LinearStar outdoor LED sign lighting system is designed to help you shine when it matters most—after dark. Whether you're lighting up exterior signage or spotlighting architectural details, LinearStar delivers precise, energy-efficient illumination that makes your brand stand out naturally and attractively while creating a lasting impression.

Now supporting both uplight and downlight applications, LinearStar gives installers greater flexibility to achieve consistent lighting in a wide range of outdoor weather conditions. The improved sealed lens assembly, proprietary optics, and strengthened construction support performance across a wide range of exterior environments. Choose from standalone units or modular 1 ft. and 4 ft. sections to create seamless runs that fit your space perfectly. With its balanced design and performance, LinearStar helps your business make a distinctive first impression—naturally and confidently.

Product Applications

- Exterior Signage
- Architectural Details
- Wall Wash Lighting
- Retail Exteriors
- Hospitality Exteriors
- Restaurant Exteriors

Product Certifications

- UL Listed (E324062)
- Suitable for Wet Locations
- RoHS Compliant



Ordering Information

Note: Use The LinearStar Estimator for Assistance in Calculating All Required Project Materials: www.usled.com/linearstar-estimator

SKT1							
Series	Variant	Wattage	Finish	Length	CCT	CRI	Location
	2 Standard	37 3.7W (per ft.)	BK Black	1 1 Foot 4 4 Feet	50 5000K	80 80 CRI Minimum	L Left R Right C Center S ² Standalone 4 ft. Unit

1. US LED product 'Lifetimes' refer only to the LED light engine, not the power source, and are based on the Illuminating Engineering Society's TM21 Reported 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.

2. Standalone single unit option [S] has end caps on both sides of a 4 ft. unit. Standalone unit is not available in the 1 ft. length option [1].

3. Driver loading specifications: Maximum of 25 ft. per single 96W LED driver powered at one end. Maximum 50 ft. per two 96W LED drivers powered at both ends.

SKT1
081726

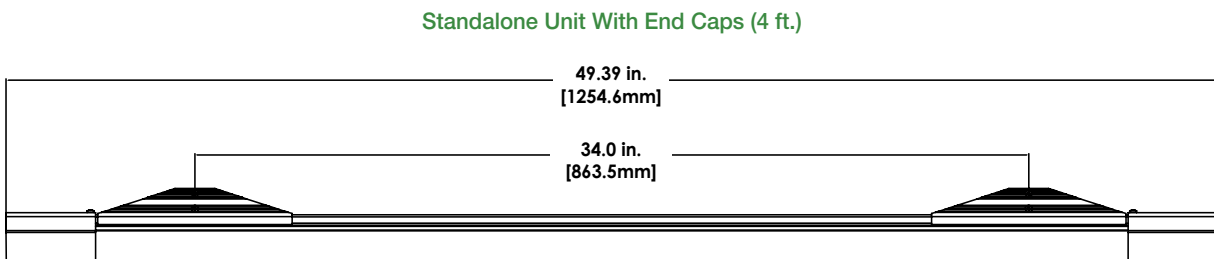
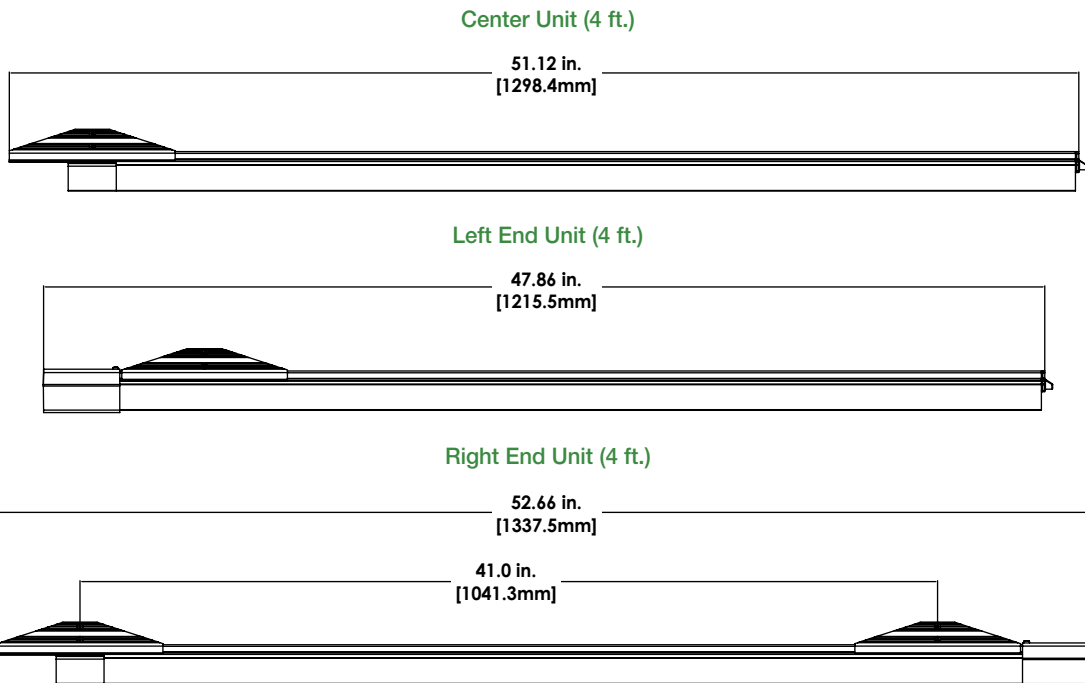
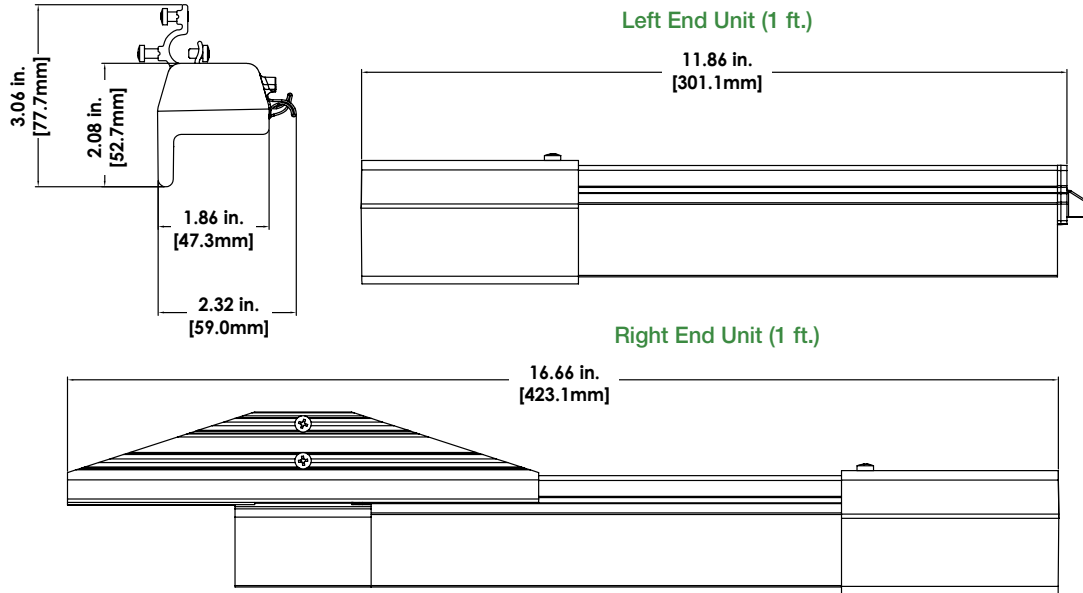
www.usled.com | 866-972-9191 | CX@USLED.COM

Due to continued product improvements, product specifications are subject to change without notice. Please visit www.usled.com for the most updated product specifications.

Example: SKT1-2-37-BK-4-50-80-S

LinearStar Accessories	
PSB-1-24-96^a	US LED Class 2 Power Supply 24V 96W IP66 Rated
SMT1-1-BK-V	Mounting Arm Kit Black Finish Variable Angle
PSC1-2-B-20	20' Cable Whip With Water Tight Gland
980054C	UL-Listed Power Supply Box Suitable For Wet Locations

Dimensions



Performance Data

Model	Length	Input Voltage	CCT	Wattage	Delivered Lumens	Efficacy	CRI	BUG Rating	L70 Calculated Life
SKT1-2-37-BK-1-50-80-X	1 ft.	24VDC	5000K	3.7W	350.0	95 LPW	≥ 80 CRI	B1-U1-G0	163,000 Hours
SKT1-2-37-BK-4-50-80-X	4 ft.	24VDC	5000K	16.4W	1,554.0	95 LPW	≥ 80 CRI	B2-U1-G0	163,000 Hours

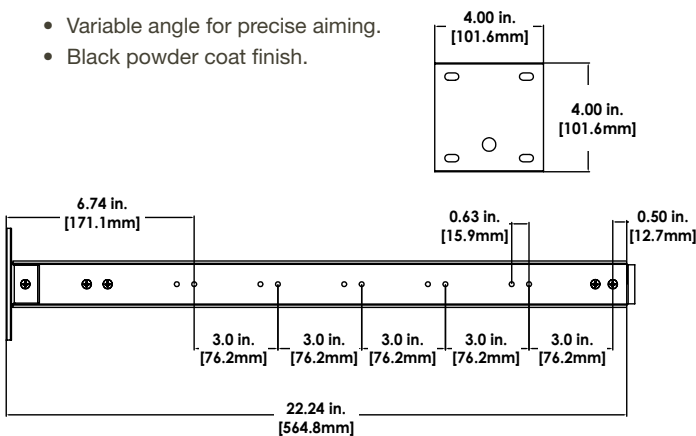
Accessories



LinearStar Mounting Arm Kit
SMT1-1-BK-V

Key Features

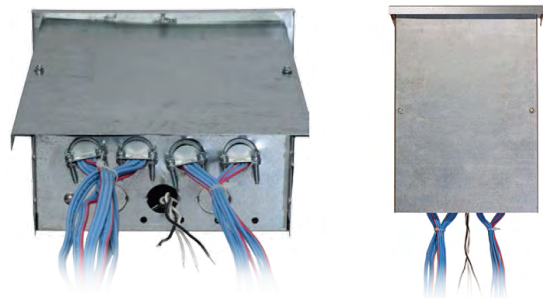
- Variable angle for precise aiming.
- Black powder coat finish.



US LED 24V 96W Class 2 Power Supply
PSB-1-24-96

Overview

The PSB-1-24-96 is a high-performance, Class 2, 24V 96W LED power supply engineered for outdoor sign lighting applications. Its IP66-rated construction and RoHS-compliant design support fast installation and dependable, long-lasting performance.



UL-Listed Power Supply Box
980054C

Overview

The optional power supply box provides a convenient enclosure for LED power supplies and field wiring connections. Designed to meet NEC code requirements, it securely holds up to two standard LED power supplies without the need for mounting screws. Multiple pre-punched knockouts simplify wiring and help speed installation. UL Listed for wet, damp, and dry locations.