US LED
Always the Right Choice!

HLS2
High Output LED Linear Strip

10 YEAR WARRANTY

Product Performance Summary

Lumen Output	Up to 12,676 Lumens
Efficacy	Up to 161 LPW
CRI	≥ 80 CRI
Available CCT	3500K, 4000K or 5000K
Warranty	Ten-Year Warranty

Product Overview

The HLS2 is a robust and powerful LED strip that provides exceptional performance and ease of use. With a slim design, the HLS2 is ideal for high-ceiling applications like warehouses and other industrial spaces. It's easily installed almost anywhere, providing uniform light where needed most.

Key Features

- Linear lighting solution that delivers high-output performance and ease of use.
- Sleek design that offers flexibility for installation with tool-less design.
- IP66 rated enclosure prevents intrusion from environmental elements that could degrade performance.

Construction

- Extruded polycarbonate and aluminum housing optimizes thermal management and protects components; standard white finish.
- Frosted diffuser designed for uniform light distribution, superior glare control, and improved aesthetics.
- Linkable with M20 cable gland entry.

Product Applications

- Retail/Grocery
- Warehouses
- Industrial Facilities
- Storage Facilities
- Commercial Spaces
- General Lighting

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)

Optics

- Industry-leading LEDs with 3500K, 4000K, or 5000K CCT (minimum 80 CRI).
- Full illumination with 120° beam angle.
- Lumen Maintenance: ≥167,000 hours (L70). [1]

Product Certifications

- UL Listed
- Complies with UL1598 and CSA 22.2
- DLC Premium Listed
- Suitable for Indoor Damp Locations
- RoHS Compliant

Mounting

- Ready to be surface mounted to the ceiling or suspended with cable accessory.
- Surface mount clips and hardware included.

Warranty

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

c(UL)us LISTED   DLC LISTED PREMIUM   RoHS   IP66

Ordering Information

Example: HLS2-1-4-UNVL-80-50

HLS2

Series	Variant		Size		Input Voltage		Wattage		CCT	
	1	Standard	4	4 ft.	UNVL	120-277V	80	80W	35	3500K
									40	4000K
									50	5000K

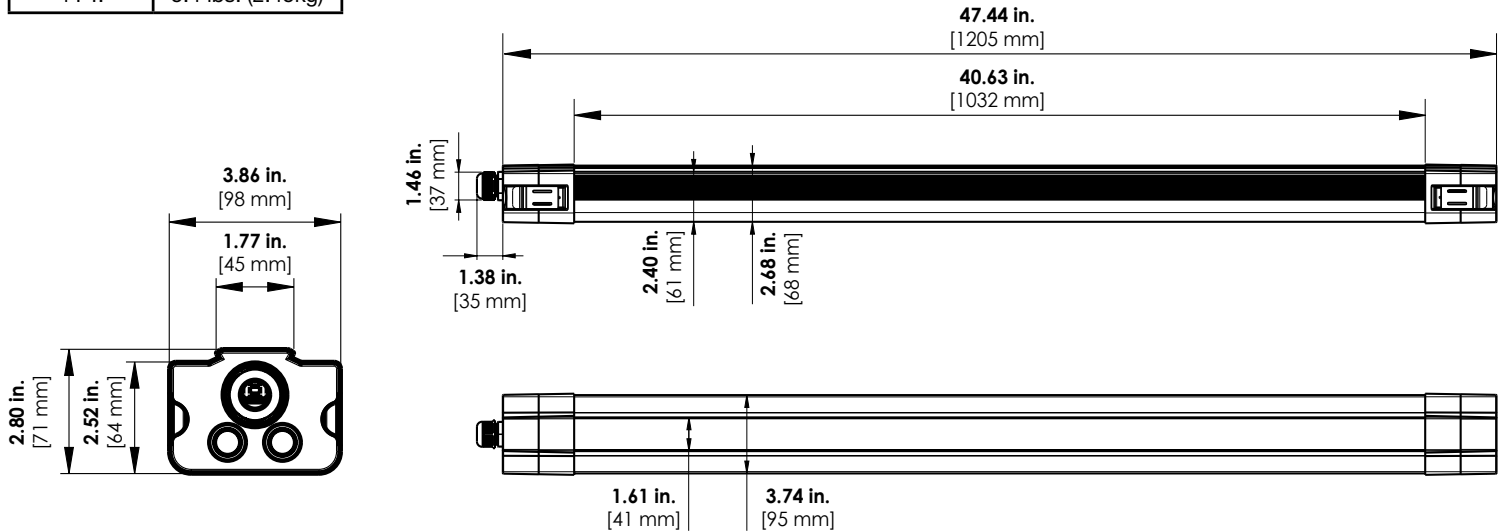| Accessories	
EM	Emergency Battery Back-Up

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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.

HLS2
040325

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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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Dimensions

Model Size	Net Weight
4 FT.	5.4 lbs. (2.45kg)

47.44 in. [1205 mm]

40.63 in. [1032 mm]

1.46 in. [37 mm]

3.86 in. [98 mm]

1.77 in. [45 mm]

2.40 in. [61 mm]

2.68 in. [68 mm]

1.38 in. [35 mm]

2.80 in. [71 mm]

2.52 in. [64 mm]

1.61 in. [41 mm]

3.74 in. [95 mm]

Performance Data

Luminaire Photometric Data

Model Number	**HLS2-1-4-UNVL-80-50**
IESNA	**LM-63-2002**
Lamp/CCT	**LED/5000K**
Total Input Watts	**78.7W**
Total Lumens	**12,676.01**
Efficacy	**161.1 LPW**

Luminous Intensity Distribution Diagram
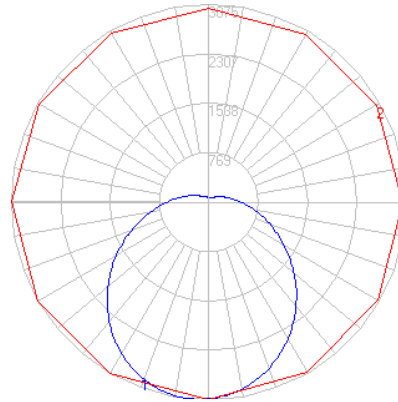
Model	System Level Power	Wattage	Delivered Lumens	Efficacy	CCT	CRI	L70 Calculated Life
HLS2-1-4-UNVL-80-50	80W	78.7W	12,676.01	161.1 LPW	5000K	≥80 CRI	≥167,000 Hours

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Accessories

Surface Mounting Clips Included
2 Qty. & Hardware

[Option EM]
Emergency Battery Back-Up

When AC power fails, the unit immediately switches to the emergency mode, operating for a minimum of 90 minutes. When AC power is restored, the unit automatically returns to charging mode.

- Model: EM-H25170-LBF
- Ouput Power: 25W
- Output Voltage: 170V DC
- Input Current: 110mA (Max)
- Input Power 6W (Max)
- Input Voltage 10-277VAC, 50-60Hz
- Recharge Time: 36 Hours

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