

# HL4 Series 2x4 High Bay Linear

SUSPENDED LIGHTING

**300-480V**

**100-277V**

**LM79  
LM80**

**IP61**



## PROJECT INFORMATION

Project Name \_\_\_\_\_

Catalog No. \_\_\_\_\_ Date \_\_\_\_\_

## DESCRIPTION

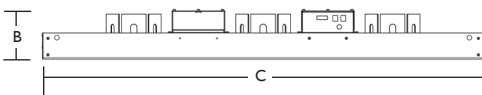
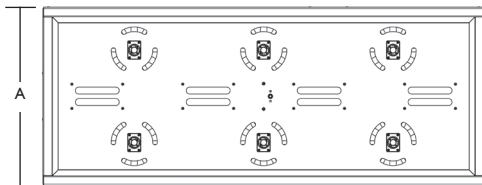
The ActiveLED® HL4 Series High Bay Linear is engineered with the highest quality aluminum and LEDs this fixture is designed to last for more than a decade. Ideal for warehouses, gymnasiums and retail applications where a fixture with high lumen output is required.

Applications include: Warehouse Spaces, Gymnasium, and Retail.



HL4 Series High Bay Linear

## DIMENSIONS



A	B	C
19.29"	47.75"	5.12"
48.99 cm	121.28 cm	13 cm

## FEATURES

- ActiveREST™ Dimming Technology - Fixture may be automatically dimmed when full light levels are not required. EXAMPLE - Dimming level 40 equates to less than 9% of actual watts being consumed.
- ThermalDRAW™ Cooling Technology - Patented cooling technology ensures LED components will equal or exceed warranty.
- LUM-INTENSE™ - LED lighting luminaire technology that combines recent advancements in LED Modules, Drivers and Optics to deliver more Lumens per Watt in a smaller package.
- LightSpace® Lighting Controls - Fixture is capable of being programmed and controlled either individually or as part of a lighting zone via remote sensors, switches or building management system (BMS).
- Battery Backup Enabled - This option provides 48V DC support for an Emergency Battery Backup Unit (BBU sold separately) creating an Emergency LED Light Fixture.
- Surge Protection - Fixture has built-in surge protection, or in the case where the driver is located remotely, the surge protector is sold with the remote driver.
- Warranty - 10 Year Warranty on LED elements, fixture housing, and LED Driver. Eligible for extended two year warranty. See page 2 for additional warranty information.



LIGHT OUTPUT

**45,500** lm

WATTS

**325** W

LUMENS per WATT

**140** lm/W

LIGHT COLOR (CCT)

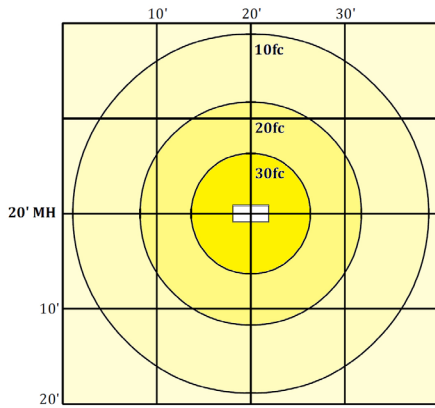
**5,000** K

**ActiveLED®**  
Energy Efficient Lighting and Controls

NOTE: Lighting Facts shown for HL4, 288W only.  
For more Lighting Facts, visit [lightingfacts.com](http://lightingfacts.com) for the Label and Label Reference Guide.



## PHOTOMETRICS



## PERFORMANCE DATA

AMBIENT TEMPERATURES	0 HOURS	45,000 HOURS	90,000 HOURS
77°F (25°C)	1.00	0.99	0.99
104°F (40°C)	1.00	0.98	0.96
131°F (55°C)	1.00	0.96	0.92
140°F (60°C)	1.00	0.95	0.90

Projected Lumen Maintenance (TM-21)

NOTE: Calculated using data collected according to LM-80 lumen maintenance on the LED package.

NOTE: Photometrics shown for HL4 Series, 288W only. Contact company for photometrics on other sizes.

## GENERAL SPECIFICATIONS

Input Voltage	Auto-sensing, 100-277 Volts AC, 50/60 Hz; Auto-sensing, 300-480 Volts AC, 50/60 Hz	LED Optics	IP61 rated, heat sink, thermally bonded LEDs, and patented thermal management mounting system
Input Power	144 and 288 LED Watts 148 and 292 Input Watts	CCT	2700K, 3000K, 3500K, 4000K, or 5000K
Power Factor	> 0.96 (at ~100-277 Volts)	Housing	Fabricated aluminum .090 thickness for pan and heat sinking parts, stainless steel hardware
THD	Total Harmonic Distortion (THD) <20% (typical 9%)	Finish	Powder coated after fabrication
Driver	Integral driver with aluminum housing, integrated intelligent controls and integral heat sink	Dimensions	19.29" Wide x 47.75" Long x 5.12" High (48.99 cm x 121.28 cm x 13 cm)
Operating Temperature	-58° F to 149° F (-50° C to 65° C)	Weight	22.5 pounds (10.2 kg)
Lumen Lifetime	L90/90K Hrs @ 60° C (90,000 Hrs with 90% Luminous Flux)		

## WARRANTY

Ten (10) Year Warranty - LEDs, Fixture, and Driver shall conform to its published specifications under normal usage and operating conditions including "no light loss" of more than 10% at the end of the period. LEDs will produce at least 90% of their initial light output with no color shift after 90,000 hours of operation. Extended 2 year warranty available when fixture is used in conjunction with an ActiveLED Surge Protection Device (SPD). See "Limited Warranty for Ringdale Industries and ActiveLED Lighting Products" for more information.

## LISTINGS AND TESTS

cUL listed driver, CE, suitable for interior locations. RoHS compliant. IP61 Rated optical assembly. LM-79 and LM-80 info available. Conforms to FCC Part 15.19 Subpart B Class A. Made in USA - ARRA Compliant.

## ORDERING INFORMATION

Example: HL4U-S-N5OR144WH

Style	Voltage	Mount	Diffuser	CCT	Watts	Color	Options
<b>HL4</b> 2'X4' High Bay Linear	<b>U</b> 100-277 VAC, 50/60 Hz.	<b>S</b> Suspended Eyelets	<b>N</b> None	<b>50</b> 5,000K	<b>R144</b> 144W LED, 148W Max (23,000 Lumens)	<b>WH</b> White	<b>B</b> Battery Backup Enabled
	<b>N</b> None <sup>1</sup>			<b>40</b> 4,000K	<b>R288</b> 288W LED, 292W Max (44,000 Lumens)	<b>BK</b> Black	<b>M</b> Motion+IR Receiver
	<b>E</b> 45/48 VDC Driver <sup>2</sup>			<b>35</b> 3,500K	Lumens at 5,000K	<b>BR</b> Brown	<b>P</b> Pigtail, 6' AC Whip
	<b>UE</b> 100-277 VAC, 50/60 Hz. Auto Sensing, Emergency Battery Back-up			<b>30</b> 3,000K		<b>BZ</b> Bronze	
				<b>27</b> 2,700K		<b>CG</b> Charcoal	
						<b>SL</b> Silver	
						<b>X</b> Custom	

<sup>1</sup> Requires remote driver. Consult factory.

<sup>2</sup> No AC Support.