

LHBDS Series

LED Linear High Bay Light

Project _____

Date _____ Type _____



LHBDS-50K500-LFWH



Description

LHBDS LED linear high bays are the brightest option for high bay, commercial, and industrial locations. Powerful and reliable—these lights achieve an incredibly efficient 145 lumens per watt. Aluminum housing is powder-coated for added durability and impact-resistant polycarbonate lens protects LEDs and diffuses light. Lights include a hanging kit for suspending fixture up to 40" from ceiling. Optional mounting accessories and wire guard available (sold separately).

Construction

- White powder-coated steel housing
- Included hanging kit
- Optional surface mount brackets, pendant mount bracket, and wire guards available

Electrical

- 120-277 VAC and 277-480 VAC input versions available
- High-output 500 W design replaces 1,000 W MH bulbs
- 1-10 V dimmable
- 50,000-hour rated (L70) LED lifetime

Optics

- High efficacy of 145 lm/W
- Frosted polycarbonate lens
- Wide 110° beam angle
- High quality 80+ CRI light
- 5000K

Application

Easily replaces inefficient metal-halide fixtures such as those found in warehouses, factories, and other areas where a high output high bay lighting solution is required.

Available Models¹

120-277 VAC

LHBDS-50K500-LFWH

277-480 VAC

LHBDS-50K500-LFWH-HV

Part Number Breakdown

Example: LHBDS-50K500-LFWH-HV

Family	Color Temperature	Wattage	Finish	Voltage
LHBDS	50K [5000K]	500 [500 W]	LFWH [Frosted Lens, White Body]	blank [120-77 VAC] or HV [277-480 VAC]

Warranty

Five (5) Year Warranty

Certifications and Compliances

These lights are UL Listed in compliance with UL 1598 (IFAM).



Optional Accessories

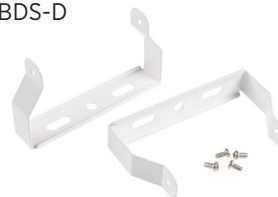
Pendant Mount

LHBDS-C



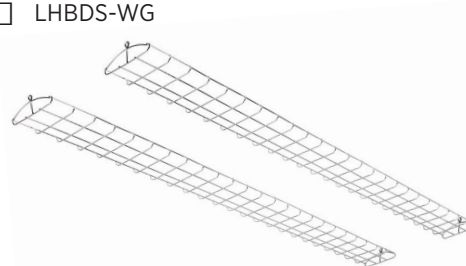
Surface Mount Brackets

LHBDS-D



Wire Guard

LHBDS-WG



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www.superbrightleds.com/cat/industrial-led-lighting/

¹Contact customer service if interested in options other than those listed.

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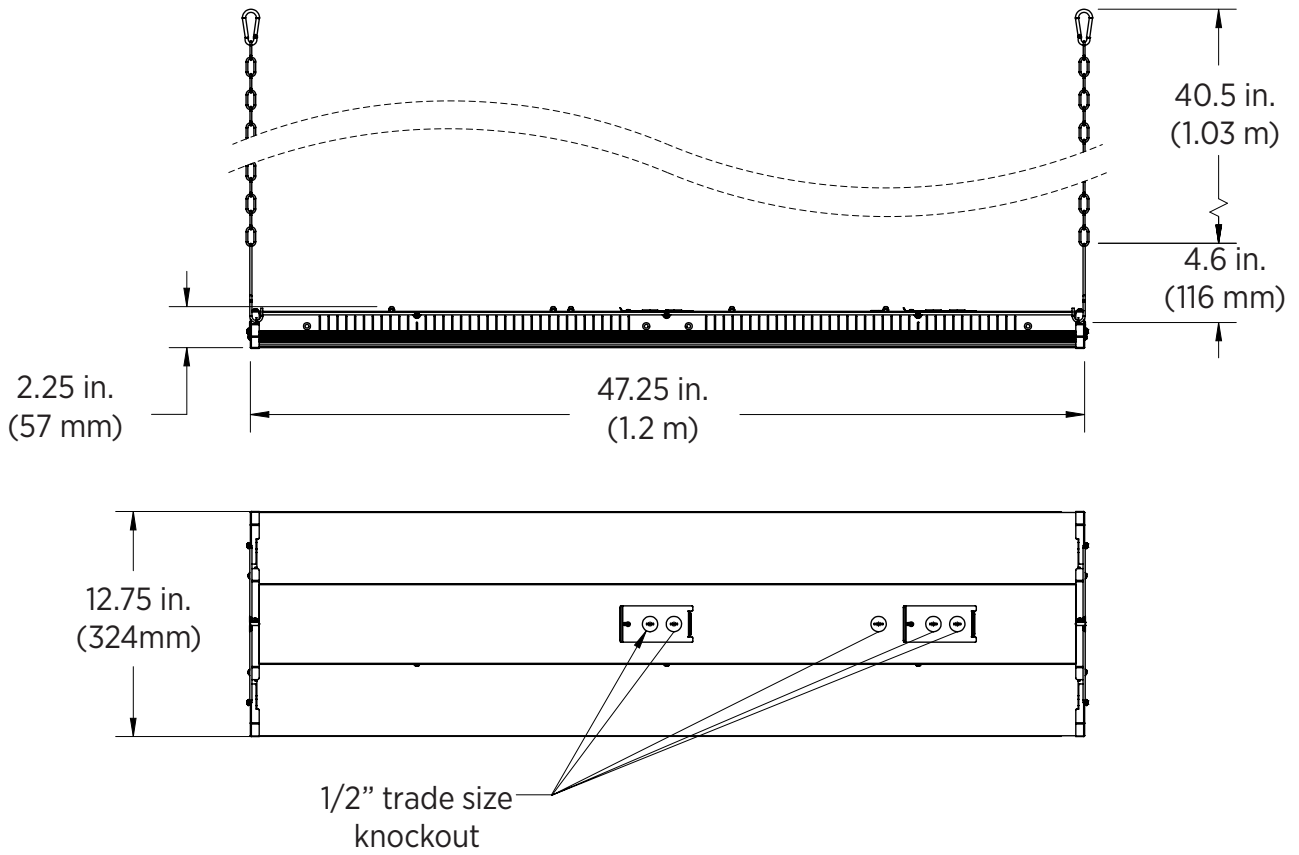
Specifications are subject to change without notice.

Printed in the U.S.A.

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Dimensional Drawing



Specifications

Model	LHBDS-50K500-LFWH	LHBDS-50K500-LFWH-HV
Intensity	72,500 lm	72,500 lm
Operating Voltage	100-277 VAC	277-480 VAC
Power Consumption	500 W	
Current Draw	1.81 A @ 277 VAC	1.04 A @ 480 VAC
Efficacy	145 lm/W	
Color Temperature	5000K	
Beam Angle	110°	
CRI	80+	
Dimming	1-10 V	
IP Rating	IP20	
Ambient Operating Temperature	-40°-113° F (-40°-45° C)	
Product Weight	18.5 lb (8.4 kg)	
Rated Life (L70)	50,000 hours	

