



LHBDSA-SW2B320-WHMBL

**Available Models<sup>1</sup>**

**3-Pin Sensor Socket**

- ☐ LHBDSA-SW2B165-WHMBL
- ☐ LHBDSA-SW2B320-WHMBL
- ☐ LHBDSA-SW2B600-WHMBL



**Part Number Breakdown**

Example: LHBDSA-SW2B165-WHMBL

Family	CCT	Wattage	Finish	Diffuser	LED Producer	Driver
LHBDSA	<b>SW2B</b> [selectable, 4000K /5000K]	<b>165</b> [165 W max. selectable, 130 / 150 / 165 W]	<b>WH</b> [White]	<b>M</b> [Prismatic]	<b>B</b> [Lumileds]	<b>L</b> [LED Driver]

**Description**

LHBDSA LED linear high bays are ideal for high bay applications in commercial and industrial locations. These reliable lights have a high 140 lumens per watt efficacy with optional motion sensors for added energy savings. Customize the output with selectable CCT and wattage options for high-ceiling applications. The aluminum and steel housing has a durable powder-coat finish. An impact-resistant polycarbonate lens protects the LEDs and diffuses light.

**Construction/Mechanical**

- White powder-coated steel and aluminum housing
- Polycarbonate lens
- 1/2" trade size knockouts
- Includes suspension/hanging kit
- Suitable for damp locations

**Electrical**

- Selectable wattage
- 120-277 VAC input
- 0-10 V dimming
- 50,000 hour LED lifetime
- $\geq 0.9$  power factor

**Photometrics**

- Selectable CCT
- 140 lm/W
- 90° beam angle
- 80+ CRI

**Application**

Easily replaces traditional T5 and T8 high bay fixtures and metal-halide high bays. Ideal for many applications including factories, warehouses, distribution centers, and other large, high ceiling spaces.

**Certifications and Compliances**

Certified by UL to UL 1598 (IFAM) standards and listed DLC 5.1 Premium.



**Warranty**

- 5-year warranty

**Optional Accessories**

**Pendant Mounts**

- ☐ for SW2B165 (LHBDSA-PM1)
- ☐ for SW2B320/600 (LHBDSA-PM2)

**Sensor**

- ☐ 3-pin microwave motion sensor (HBR3-MS)



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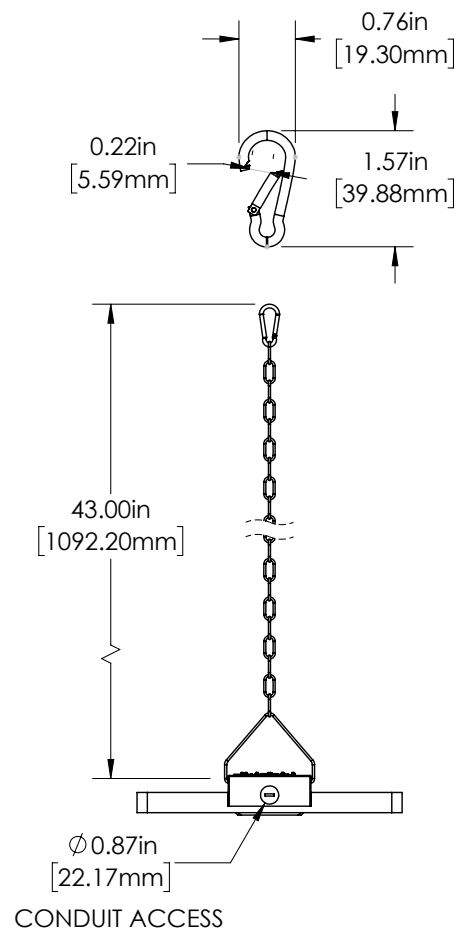
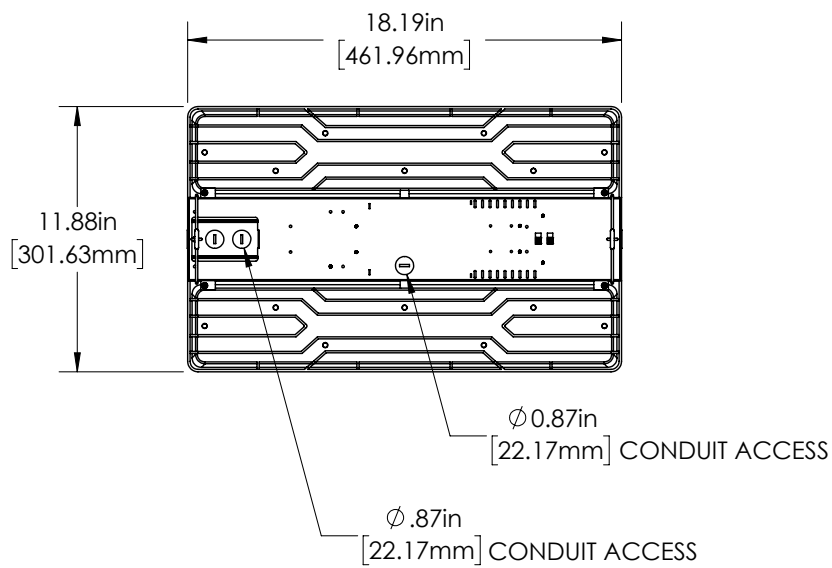
email: commercial-sales@superbrightleds.com

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

<sup>1</sup>Contact customer service if interested in options other than those listed.

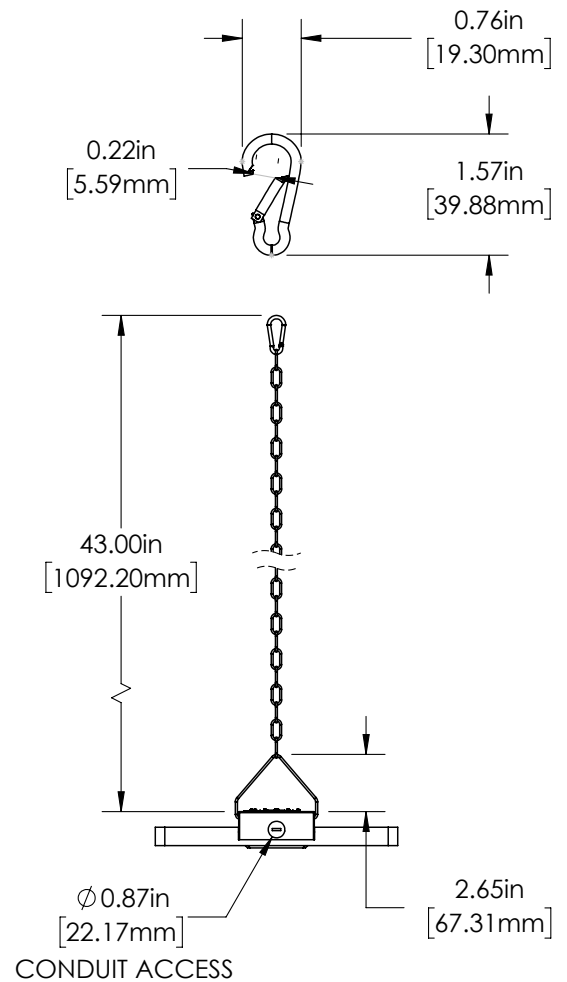
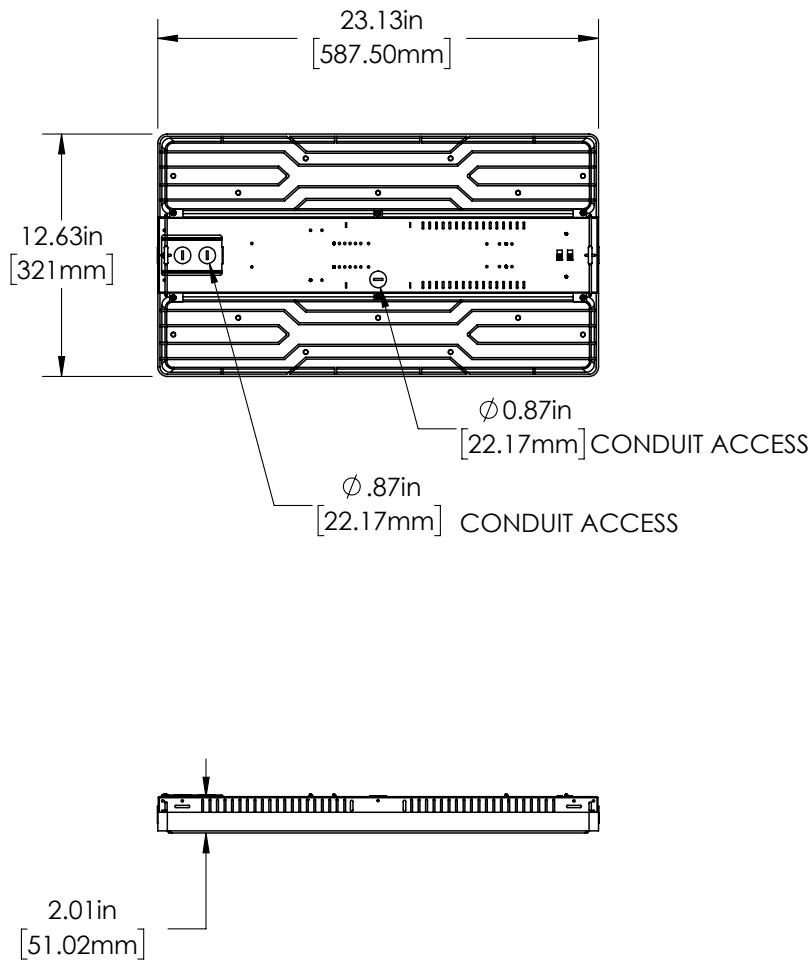
**Dimensional Drawings**

LHBDSA-SW2B165-WHMBL



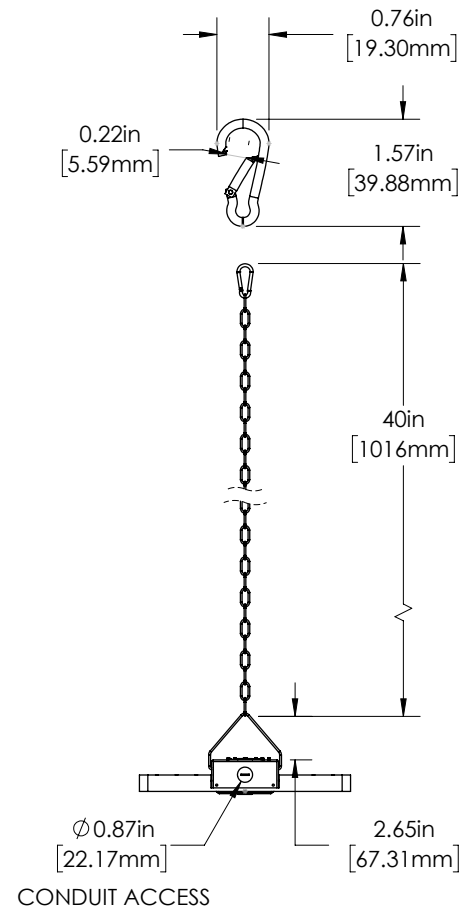
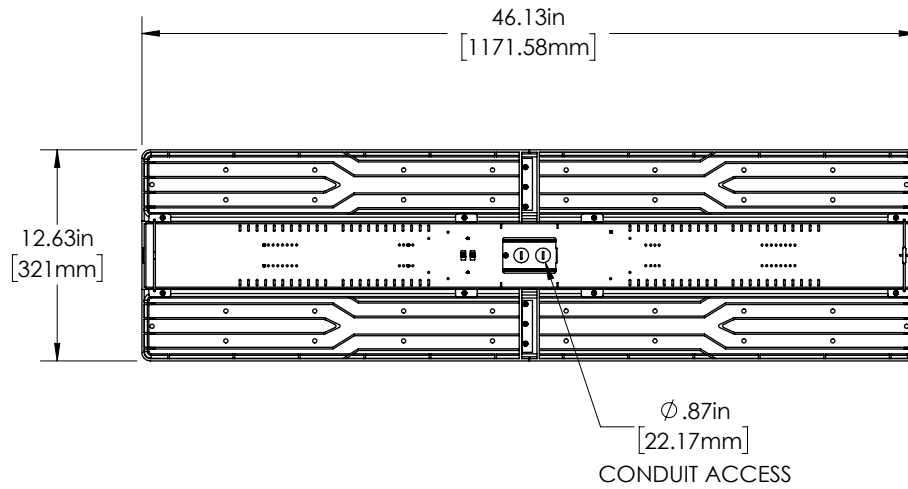
Dimensional Drawings

LHBDSA-SW2B320-WHMBL



**Dimensional Drawings**

HBDSA-SW2B600-WHMBL



# LHBDSA Series

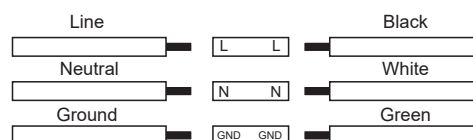
LED Linear High Bay Specifications

## Specifications

LHBDSA		SW2B165-WHMBL	SW2B320-WHMBL	SW2B600-WHMBL
Intensity		18,200 / 21,000 / 23,100 lm	39,200 / 42,000 / 44,800 lm	56,000 / 70,000 / 84,000 lm
Power Consumption		130 / 150 / 165 W	275 / 300 / 320 W	400 / 500 / 600 W
Operating Voltage		120-277 VAC		
Current Draw	120 VAC	1.1 / 1.25 / 1.4 A	2.3 / 2.5 / 2.7 A	3.3 / 4.2 / 5 A
	277 VAC	470 / 540 / 600 mA	1 / 1.1 / 1.2 A	1.4 / 1.8 / 2.2 A
Efficacy		140 lm/W	140 lm/W	140 lm/W
Color Temperature		4000K / 5000K (selectable)		
Beam Angle		90°		
CRI		80+		
Power Factor		≥ 0.9		
Dimming		0-10 V		
Surge Protection		6 kV		
Environmental Rating		IP20, suitable for damp locations		
Ambient Operating Temperature		-22°-122° F (-30°-50° C)		
Rated Life (L70)		50,000 hours		

## Wiring Diagram

### 120-277 VAC Input



### 0-10 V Dimming

