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LHBDP4 Series

LED Linear High Bay Specifications

Project _____

Type _____ Date _____

LHBDP4-SW2B-SP400

Voltage 120–277 VAC | Selectable CCT Wattage | 100K Hour Lifetime | 0–10 V Dimming | 5 yr WARRANTY

Available Models[1]

- ☐ LHBDP4-SW2B-SP155
- ☐ LHBDP4-SW2B-SP230
- ☐ LHBDP4-SW2B-SP400

Part Number Breakdown

Example: LHBDP4-SW2B-SP400

Series	Selectable CCT	Selectable Wattage
LHBDP4 [Linear High Bay, Dimmable Panel, V4]	**SW2B** [4000K or 5000K]	**SP155** [155, 135, 115W]
		SP230 [230, 200, 185W]
		SP400 [400, 340, 270W]

Overview

The LED linear high bay has switches covered by plastic covers on the back of the fixture to select the wattage and CCT (4000K or 5000K). It has a die-cast aluminum housing for better heat dissipation. With an L70 lifespan of over 100,000 hours, users can expect the LEDs to produce 70% of their original brightness. It delivers a high-lumen output with a high efficacy of 150 lm/W, replacing traditional metal-halide fixtures. Each fixture includes a hanging kit, with optional pendant or surface-mount kits available.

Features

- Field selectable wattage (varies by model)
- Field selectable CCT (4000K or 5000K)
- 150 lm/W efficacy in a compact design
- V-hook suspension mount kit included

Product Details

- White die-cast aluminum housing
- L70 lifespan of 100,000 hours
- Polycarbonate lens
- 0-10V dimming
- 120-277 VAC input

Certifications and Compliances

- Certified by UL - UL 1598 (IFAM), UL 8750 (FKSZ2)
- DLC 6.0 Premium

UL CERTIFIED | DLC LISTED PREMIUM

Applications

- Auditoriums
- Cafeterias
- Commercial Buildings
- Distribution Centers
- Grocery Stores
- Gymnasiums
- Manufacturing Plants
- Retail Applications
- Warehouses

Optional Mounting Kits

- ☐ LHBDP4-SMK (Surface Mount)
- ☐ LHBDP4-PMK (Pendant Mount)

Warranty

- 5-year warranty

T 866.811.5550 **F** 314.972.6202
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email: commercial-sales@superbrightleds.com

[1]Contact customer service if interested in other options.

Rev V2.0 Date: 07/21/2026

Specifications are subject to change without notice

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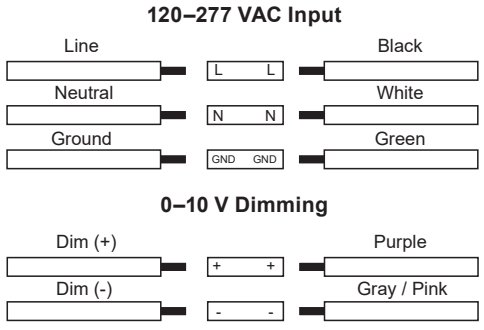
SPECIFICATIONS				
Model		**LHBDP4-SW2B-SP155**	**LHBDP4-SW2B-SP230**	**LHBDP4-SW2B-SP400**
DLC Product ID		S-V9KNN5	S-KB1NSH	S-NPBH5G
UL File Number		E366643		
PHOTOMETRIC				
Lumens		17250, 20250, 23250	27750, 30000, 34500	40500, 51000, 60000
CCT		Selectable CCT (4000K or 5000K)		
Beam Angle		90°		
CRI		80+		
Efficacy		150 lm/W		
ELECTRICAL				
Selectable Wattage		115 W, 135 W, 155 W	185 W, 200 W, 230 W	270 W, 340 W, 400 W
Current Draw	120 VAC	1.4 A	2.1 A	3.7 A
	277 VAC	620 mA	920 mA	1.6 A
Operating Voltage		120–277 VAC		
Power Factor		≥0.9		
Surge Protection		6 kV/kA		
Dimmer Type		0–10V		
MECHANICAL				
Product Materials		Aluminum Housing, Polycarbonate Lens		
Input Connection Type		Pigtail		
Wire Gauge		18 AWG		
Rated Life (L70)		100000 hours		
ENVIRONMENTAL				
IP Rating		IP20		
Environmental Rating		Suitable for Damp or Dry Locations		
Ambient Operating Temperature		-40 to 55°C (-40 to 131°F)		

Wiring Diagram



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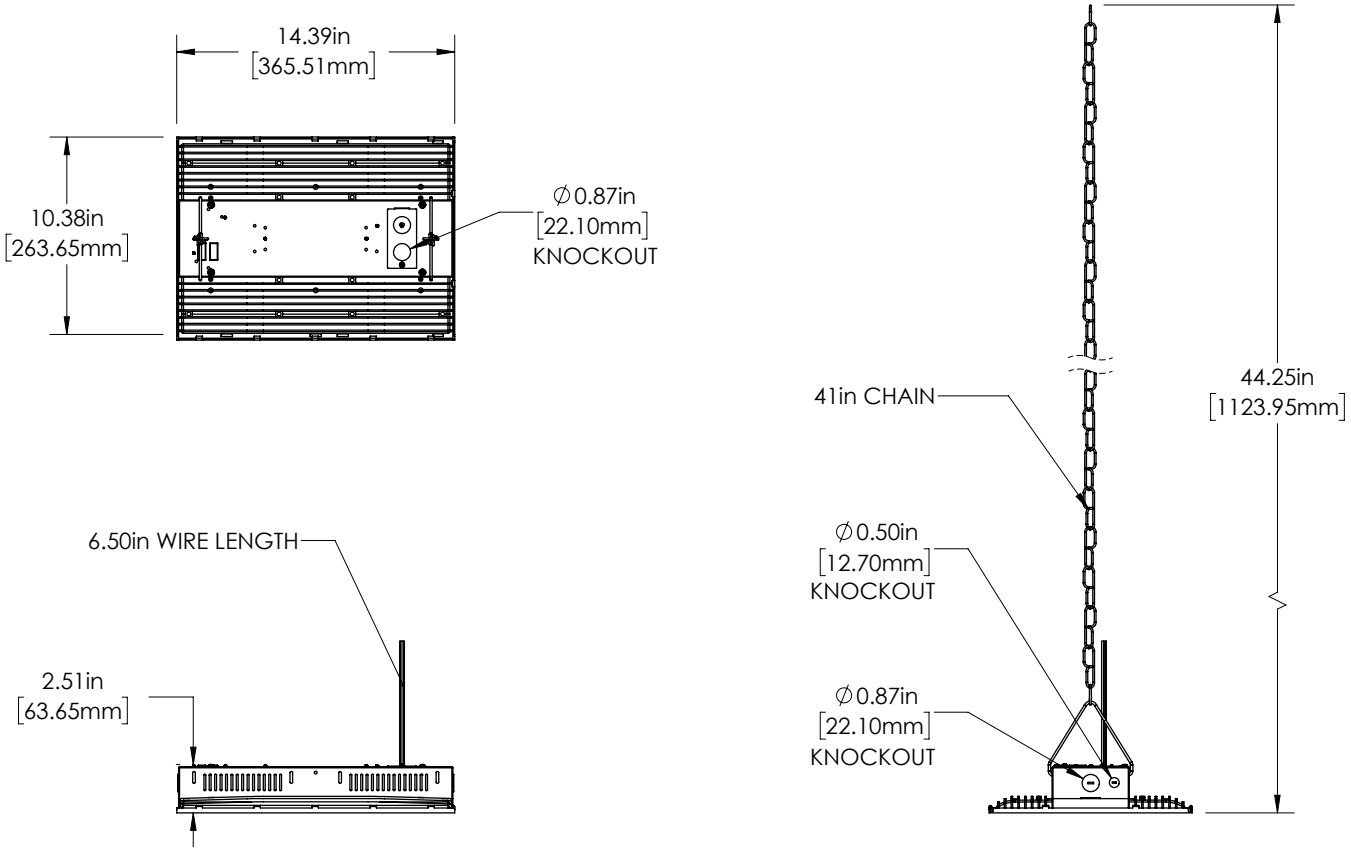
LED Linear High Bay Specifications

Dimensional Drawings

LHBDP4-SW2B-SP155



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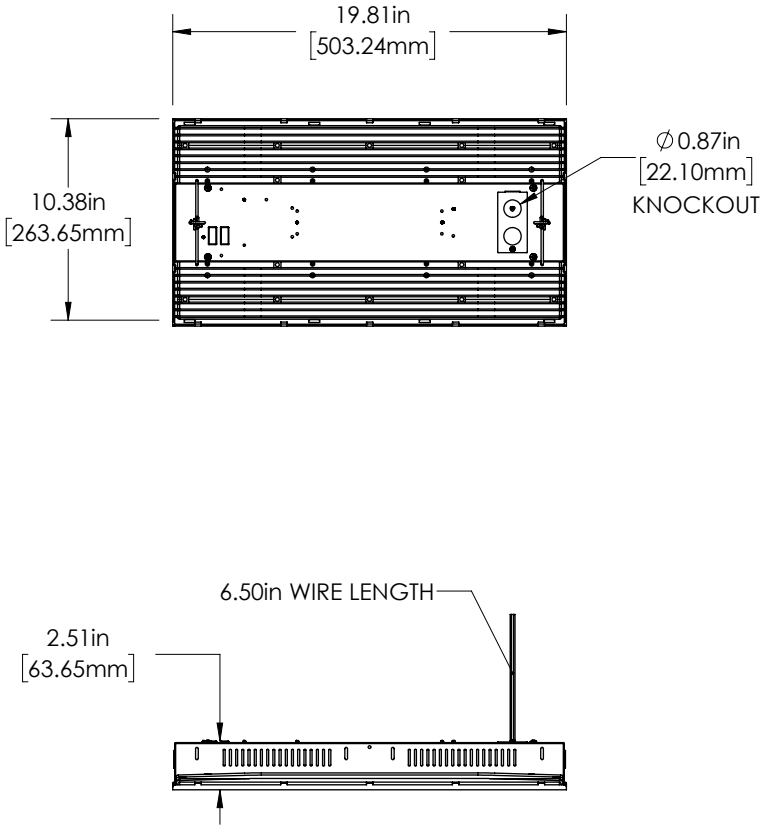
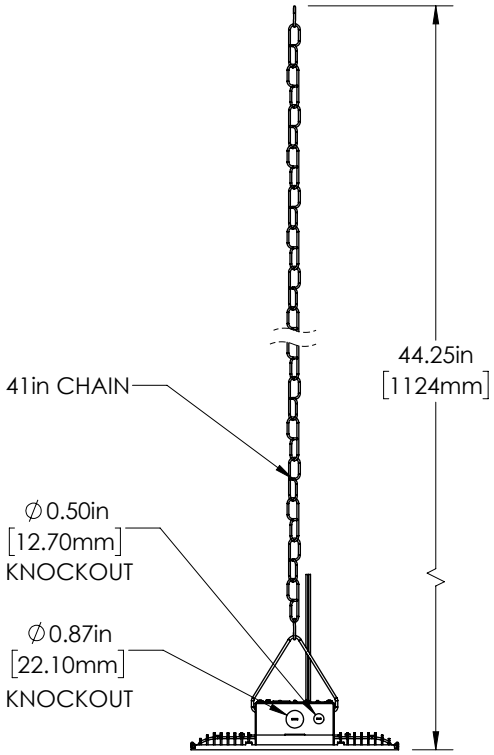
LHBDP4 Series

LED Linear High Bay Specifications

Dimensional Drawings

LHBDP4-SW2B-SP230





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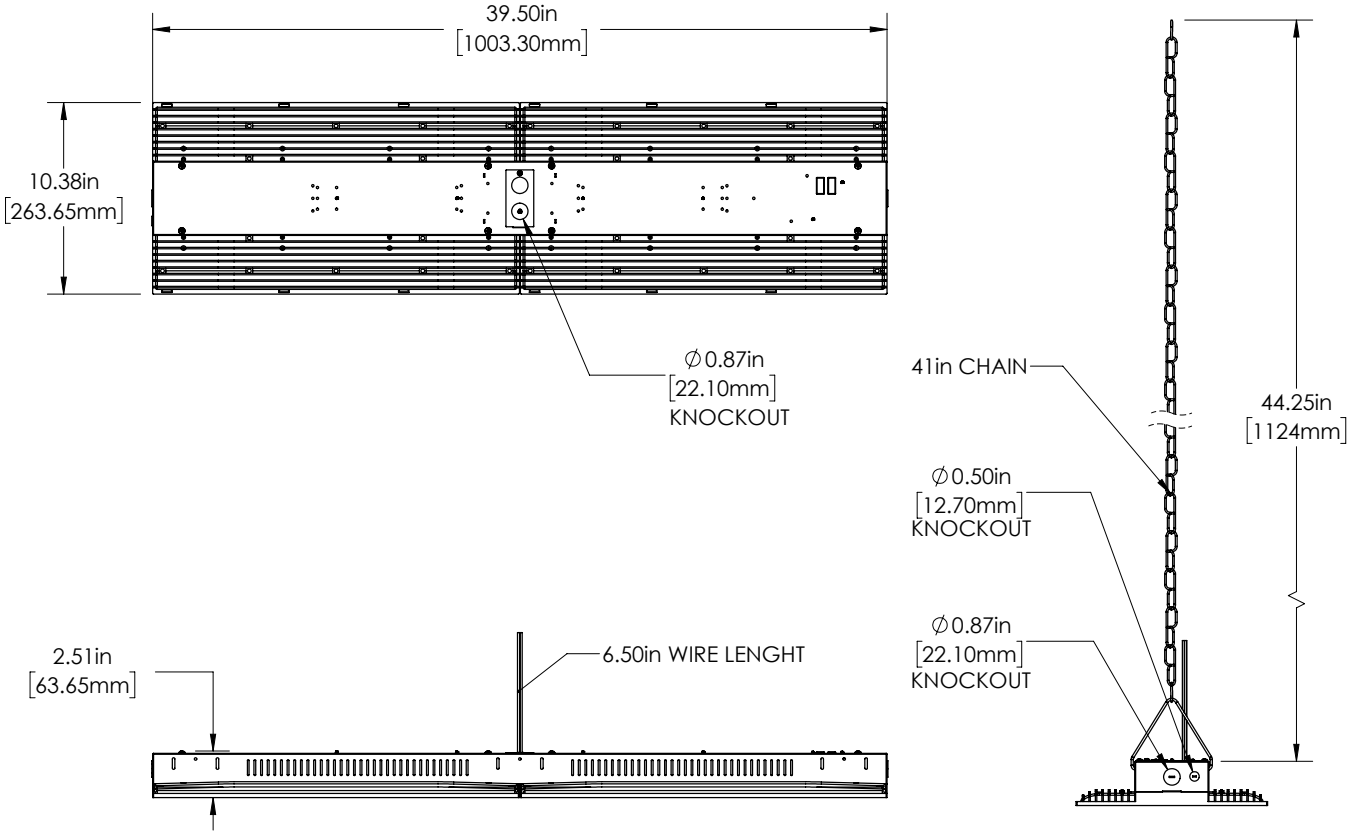
Dimensional Drawings

LHBDP4-SW2B-SP400



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