

LED Linear High Bay Light-3

Indoor Highbay Light



IP20



OVERVIEW

Lumen Output Range	43200-46400
Wattage Range	320W
Efficacy Range (LPW)	135-145
Weight lbs (kg)	15.9(7.2)

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FEATURES & SPECIFICATIONS

Construction

- Rugged steel housing for maximum durability and reliability.
- IP20 rated luminaire protects integral components.
- Shipping weight: 15.9lbs in carton.

Optical System

- Premium engineered IP20 rated acrylic optic assemblies deliver 90degree distributions.
- Available in 3500K, 4000K, 5000K and 6500K CCT selectable temperature.
- Available in 320W, 265W, 225W wattage selectable.
- Minimum CRI of 80.

Electrical

- High-performance driver features short circuit and over temperature protection with integral surge protection (2KV or 6KV).
- 0-10V dimming (0% - 100%) standard.
- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz.
- Total harmonic distortion: <20%
- Operating temperature: -30°C to +50°C (-86°F to +122°F).

- Power factor: >0.90
- Input power stays constant over life.
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation.

Controls

- DC Motion sensor and remote controls.

Installation

- Mounting method ships together and can be installed quickly.
- Wiring leads extended out of the main housing eliminating the need of opening the luminaire electrical chamber.

Warranty

- luminaires carry a 5-year limited warranty. Complete warranty terms are located on our website.

Listings

- Listed to UL.
- Suitable for Damp Locations.
- DesignLights Consortium® (DLC) qualified product.

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ORDERING GUIDE

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TYPICAL ORDER EXAMPLE: **LHB3 320 CCT UNV DIM WHT ab**

Luminaire Prefix	Light Source	Power&Lumen	Color Temp	
LHB3-Linear highbay light-3	LED	320 - 43200lm-46400lm	CCT-3500K, 4000K and 5000K CCT selectable 4CCT-3500K, 4000K, 5000K and 6500K CCT	
Voltage	Driver	Finish	Controls (Choose One)	Options
UNV - Universal Voltage (120-277V)	DIM - 0-10V Dimming (0-100%)	WHT - White Option - Cutome Color	EM - Emergency Driver	

PERFORMANCE

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DELIVERED LUMENS*														
Wattage	Distribution	CRI	6500K			5000K			4000K			3500K		
			Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating
320w	90degree	83	44800	140	<29	46400	145	<29	45760	143	<29	43200	143	<29

*LEDs are frequently updated therefore values are nominal.

ELECTRICAL DATA*				
Wattage	120V	208V	240V	277V
320w	0.38	0.65	0.75	0.87

*Electrical data at 25C (77F). Actual wattage may differ by +/-0.3%.

RECOMMENDED LUMEN MAINTENANCE (4L-9L)					
Ambient Temperature °C	Initial ²	3K hrs. ²	5K hrs. ³	7K hrs. ³	9K hrs. ³
1C-85C	100%	99.82%	99.34%	98.90%	98.49%

1 - Lumen maintenance values at 25C are calculated per TM-21 based on LM-80 data and in-situ testing.

2 - In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times the IESNA LM-80-08 total test duration for the device under testing.

3 - Lumen maintenance values at 25C are calculated per TM-21 based on LM-80 data and in-situ testing times the IESNA LM-80-08 total test duration for the device under testing.



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PHOTOMETRICS

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Luminaire photometry has been conducted by an accredited laboratory in accordance with IESNA LM-79. As specified by IESNA LM-79 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

LHB 320W

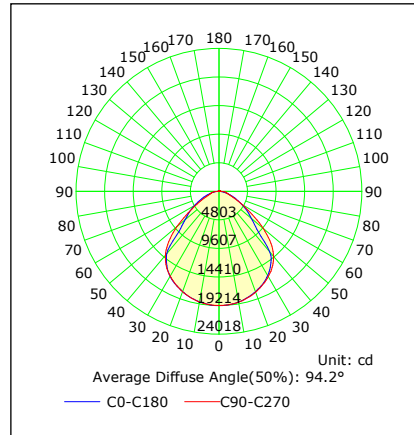
LUMINAIRE DATA

90degree Distribution	
Description	6500 Kelvin, 83 CRI
Delivered Lumens	44,800
Watts	320
Efficacy	140
IES Type	90degree
BUG Rating	<29

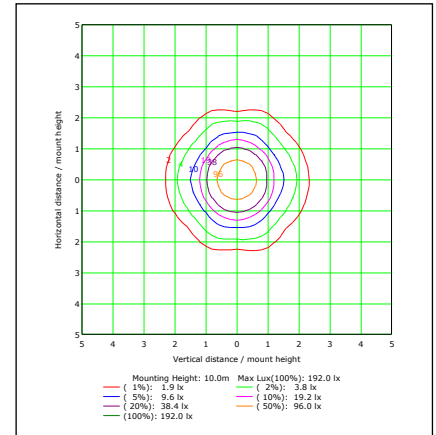
Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	15,261.30	33.90%
Medium (0-60)°	38,988.70	86.70%
High (60-90)°	5,865.00	13.00%
Very High (70-100)°	2,567.40	5.70%
Uplight (90-120)°	36.9	0%
Total Flux	44,974.90	100%

Luminous Intensity Distribution Curve









ISO FOOTCANDLE



ACCESSORIES

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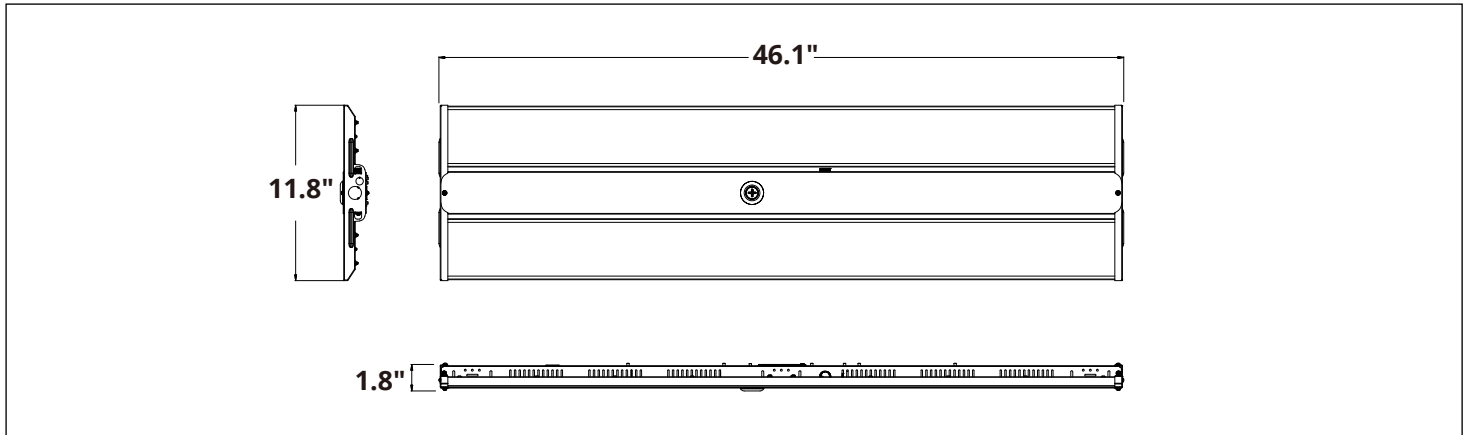
 <p>Chain mounting</p>	 <p>Surface mounting Bracket</p>	 <p>Pendant mounting Bracket</p>	 <p>DC motion sensor</p>
 <p>Emergency driver</p>	 <p>Remote Controls</p>		

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PRODUCT DIMENSIONS

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320W



PACKAGE

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Power	Items	Size	Qty/ Carton	Lamps Net Weight	Weight/ Carton
320w	Outer box	47.4x13.2x3.15 inch	1 PC	11.7 lbs	15.9 lbs

Tolerance of Carton Size: ± 15 MM, Tolerance of Weight: $\pm 10\%$.