









| PROJECT NAME: | CATALO | OG #: |
|---------------|-----------|-------|
| NOTES: | _ DATE: _ | |

BLS-LHB LED LINEAR HIGH BAY

BLS-LHB LED Linear High Bay is a visually comfortable light best choice for replacing fluorescent lamps with high efficacy. Optional diffusers available for reducing light glare or light uniformity. The BLS-LHB is suitable for commercial, retail and institutional applications including gymnasiums, factories and warehouses.



SPECIFICATIONS FEATURES

Color Temperature Tuning: Capable of delivering 4000K & 5000K color temperatures.

Construction: Powder coated steel with a simple contour.

Lens: Standard Semi-frosted acrylic with Prismatic acrylic and Frosted acrylic available.

Installation: Steel wire rope standard, pendant or surface mounting available.

Controls: Bi-level PIR sensor is optional and supports Emergency Battery.

CRI: 70

Voltage: 120-277V & 347-480V

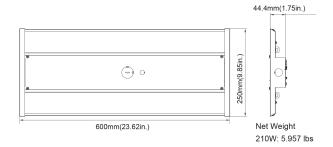
Lifespan: Estimated 50,000 Hour based on IES LM-80 results and TM-21

calculations.

Operating Temperature: -40°C to 50° C (-40° F - + 122° F). Note: Operating with emergency battery temperature range: 0° C to 50° C ($+32^{\circ}$ F - + 122° F)

Listings: cULus, Suitable for Damp location, DesignLights Consortium® (DLC) Qualified Product: Unless noted, not all versions of this product may be DLC® qualified. For a complete list of Lumecon DLC® Qualified Products visit: www. designlights.org.

Warranty: 5 year warranty



| ORDERING GUIDE SAMPLE: BLS-LHB-210-1-ADJ-CD-MS-BB-S-AD | | | | | | | | |
|--|-------------------|---|--|---|--|--|---------------------------|--|
| | | | | | | | | |
| MODEL | VOLTAGE | сст | LENS | SENSOR | EMERGENCY BATTERY | SURGE PROTECTION | CCT & POWER ADJUSTABLE | |
| BLS-LHB-210 | 1 120-277V | ADJ¹ Adjust- able Color Temperature | CD Semi-Frosted Diffuser PD Prismatic Diffuser FR Frosted Diffuser | MS Motion Sensor BLANK Without Motion Sensor | BB Battery Back-Up BLANK Without Battery Backup | S Surge Protection BLANK Without Surge Protection | AD¹ Adjustable Dial | |

ACCESSORIES AND OPTIONS

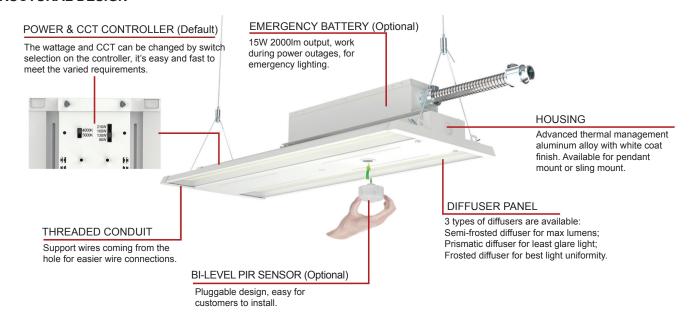
WG Wire Guard

PH Pendent Hanger

Note: 1. Pendant and surface mounting isn't supported with emergency battery.



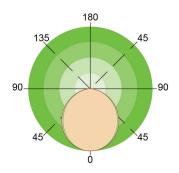
STRUCTURAL DESIGN



DIFFUSER OPTIONS



PHOTOMETRICS





PERFORMANCE DATA

| SYSTEM WATTS | VOLTAGE | LENS | LUMENS 4000K(70CRI) | LPW 4000K(70CRI) | LUMENS 5000K(70CRI) | LPW 5000K(70CRI) |
|--------------|------------|-----------------------|------------------------|---------------------|------------------------|---------------------|
| | 120-277VAC | Semi-frosted Diffuser | 30000lm | 143lm/W | 30000lm | 143lm/W |
| 210W | | Prismatic Diffuser | 27930lm | 133lm/W | 27930lm | 133lm/W |
| | | Frosted Diffuser | 27300lm | 130lm/W | 27300lm | 130lm/W |

ADJUSTABLE LUMEN OUTPUT TABLE

| SETTING | SYSTEM ATTS | VOLTAGE | LENS | LUMENS 4000 K(70 CRI) | LPW 4000 K (70 CRI) | LUMENS 5000 K(70 CRI) | LPW 5000K(70CRI) |
|---------|-------------|------------|-----------------------|--------------------------|------------------------|--------------------------|---------------------|
| 100% | 210W | 120-277VAC | Semi-frosted Diffuser | 30000 lm | 142 lm/W | 30000 lm | 142 lm/W |
| 80% | 180 W | 120-277VAC | Semi-frosted Diffuser | 25000 lm | 139 lm/W | 25000 lm | 139lm/W |
| 60% | 130 W | 120-277VAC | Semi-frosted Diffuser | 20000 lm | 154 lm/W | 20000 lm | 154 lm/W |
| 40% | 90W | 120-277VAC | Semi-frosted Diffuser | 13600 lm | 151 lm/W | 13600 lm | 151lm/W |

ELECTRICAL LOAD

| Number Of Drivers | Driver Current (mA) | Nominal Power (W) | INPUT VOLTAGE (V) | CURRENT (Amps) |
|-------------------|------------------------|----------------------|----------------------|-------------------|
| 1 | | 210 | 120 | 1.75 |
| | 1060 | 210 | 208 | 1.01 |
| | | 210 | 240 | 0.88 |
| | | 210 | 277 | 0.76 |
| | | 225 | 347 | 0.65 |
| | | 225 | 480 | 0.47 |