

|                |
|----------------|
| Catalog Number |
| Notes          |
| Type           |

## FEATURES & SPECIFICATIONS

**INTENDED USE** — The Lithonia Lighting JCBL LED Highbay is the ideal LED solution for users who prefer a luminaire with the look and feel of a round form factor. Available in 18000 or 24,000 lumen packages the JCBL is highly configurable and delivers comfortable and uniform lighting from mounting heights up to 30ft. Gymnasiums, warehouses, packaging facilities and other industrial applications all benefit from JCBL's highly efficient design that saves up to 57+% over traditional sources. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate.** [Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.](#)

**CONSTRUCTION** — JCBL features an aluminum heat sink to maximize heat dissipation and extend the life of the luminaire by maximizing contact with the LEDs. A glass optical enclosure (IP65 rated) protects the LEDs from dust and other air contaminants. Reflector options including aluminum, prismatic acrylic and polycarbonate ship separately and easily mount to the heatsink for quick installation.

**OPTICS** — Reflector and lens options provide maximum versatility and uniformity including up to 8% uplight with reflectors alone. Conical, flat or acrylic drop lenses offer enhanced aesthetics, minimize glare at lower mounting heights and maximize uplight (13%) when paired with acrylic reflectors.

**ELECTRICAL** — Utilizes 90°C case temperature for maximum life at high temperatures. Less than 20% THD and PF >90. Integral 6kV/3kA surge protection, tested in accordance to IEEE/ANSI standards. 120-277 voltages standard, 347v and 480v available with use of step down transformer. Lumen maintenance L70>55,000 hours. 0-10V dimming standard for a dimming range of 100% to 10% dimming source current is 150 microA.

**INSTALLATION** — Mounting options include cast hook and cord factory installed or ¾" NPT threaded hub to accommodate stem or hook options. See accessories for all configurations and options.

**LISTINGS** — UL1598/CSA C22.2 250, Buy American Act, Damp location listed. Suitable for use in ambient temperatures from 32°F (0°C) to 122°F (50°C).

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

**WARRANTY** — 5-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

LED Damp Rated High Bay

# JCBL

18,000 or 24,000 Lumens

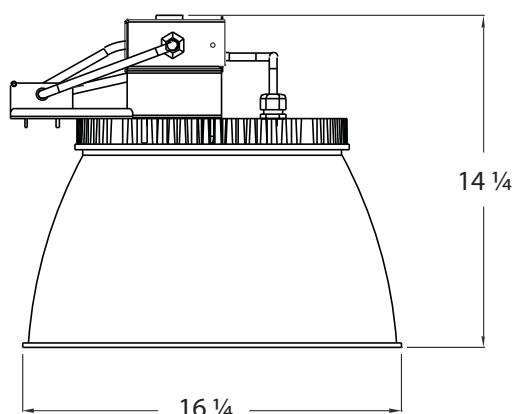


## DIMENSIONS

All dimensions are in inches (centimeters) unless otherwise indicated.  
Dimensions may vary with options or accessories.

### Typical weight:

A cartoned luminaire weighs 22 lbs.;  
unboxed it weighs 20 lbs.



Shown with pendant mounting

# JCBL LED Damp Rated High Bay

## ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

**Example:** JCBL 24000LM SALR MVOLT GZ10 40K 70CRI PM HC6

| JCBL   |                                                |                                                                                                                           |                                                                                                                                                                                                                                                       |                                                                                                                  | GZ10               |                          |                       |
|--------|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------|-----------------------|
| Series | Lumens                                         | Reflector                                                                                                                 | Lens <sup>1</sup>                                                                                                                                                                                                                                     | Voltage                                                                                                          | Driver             | Color temperature        | Color rendering index |
| JCBL   | 18000LM 18,000 lumens<br>24000LM 24,000 lumens | DALR Diffuse aluminum<br>SALR Specular aluminum<br>ACFR Frosted acrylic<br>ACCR Clear acrylic<br>PLCR Clear polycarbonate | (blank) Open bottom<br><br><u>For use with aluminum reflectors</u><br>ALDRP Drop prismatic<br>ALCON Conical<br>ALFGL Flat prismatic<br><br><u>For use with acrylic reflectors</u><br>ACRDRP Drop prismatic<br>ACRCON Conical<br>ACRFGL Flat prismatic | MVOLT 120-277V<br>120 120V<br>208 208V<br>240 240V<br>277 277V<br>347 347V <sup>2</sup><br>480 480V <sup>2</sup> | GZ10 0-10V dimming | 40K 4000 K<br>50K 5000 K | 70CRI 70 CRI          |

| Mounting Configurations | Options                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PM Pendant mount        | <div> EM14 On-board emergency battery pack, 1400 lumens<sup>3</sup><br/> C6 6' cord<br/> HC6 6' cord with male hook, no plug<br/> HC6P 6' cord with male hook and NEMA twist lock plug<sup>4</sup><br/> SF Single fusing available with 120, 277 or 347 volts only<sup>4</sup><br/> DF Double fusing available with 208, 240, or 480 volts only<sup>4</sup> </div> <div> HKM Hook, male, factory installed<br/> LAHOSZU 360° motion sensor, pre-wired; programmable dimming<sup>4</sup><br/> WG Wire guard for open bottom reflectors (ships separately)<br/> FWG Full wire guard (ships separately). </div> |

## Accessories: Order as separate catalog number.

|                                    |                                                       |
|------------------------------------|-------------------------------------------------------|
| JCBLHKM Hook, male                 | JCBLSPM12 Swivel stem kit, 12"                        |
| JCBLHKF Hook, female               | JCBLSPM24 Swivel stem kit, 24"                        |
| JCBLPH XXX Power hook <sup>4</sup> | JCBLSPM36 Swivel stem kit, 36"                        |
| JCBLSC120 Safety cable 120"        | WGJCBL Wire guard for use with open bottom reflectors |
| JCBLSC240 Safety cable 240"        | FWGJCBL Full wire guard                               |

Fixtures ship as multiple components using optimized packaging.

**Example:** (22) JCBL 2400LM SALR MVOLT GZ10 40K 70CRI PM HC6

|          |                                                              |
|----------|--------------------------------------------------------------|
| (Qty 22) | JCBL 2400LM MVOLT GZ10 40K 70CRI PM HC6 (22 housing cartons) |
| (Qty 20) | SALR J10 (2 cartons of 10 reflectors)                        |
| (Qty 2)  | SALR U (2 cartons of 1 reflector)                            |

## Notes

- For use in ambient temperatures up to 40°C.
- Utilizes step down transformer.
- 120 or 277 volt only
- Must specify voltage.

## OPERATIONAL DATA

| Lumen package | Input Watts | Ambient rating            | Open Reflector | Delivered lumens<br>4000K CCT, 70CRI | Uplight | Spacing<br>Criteria | Comparable light source          |
|---------------|-------------|---------------------------|----------------|--------------------------------------|---------|---------------------|----------------------------------|
| 24000LM       | 200W        | 32°F (0°C) - 122°F (50°C) | ACFR           | 25816                                | 7.9%    | 1.34:1              | 6-lamp T5HO, 8-lamp T8, 400M HID |
|               |             |                           | ACCR/PLCR      | 25926                                | 2.7%    | 1.36:1              | 6-lamp T5HO, 8-lamp T8, 400M HID |
|               |             |                           | SALR           | 24401                                | 0.1%    | 1.44:1              | 6-lamp T5HO, 8-lamp T8, 400M HID |
|               |             |                           | DALR           | 23934                                | 0.1%    | 1.36:1              | 6-lamp T5HO, 8-lamp T8, 400M HID |
| 18000LM       | 162W        | 32°F (0°C) - 122°F (50°C) | ACFR           | 20508                                | 7.9%    | 1.34:1              | 4-lamp T5HO, 6-lamp T8, 320M HID |
|               |             |                           | ACCR/PLCR      | 20595                                | 2.7%    | 1.36:1              | 4-lamp T5HO, 6-lamp T8, 320M HID |
|               |             |                           | SALR           | 19384                                | 0.1%    | 1.42:1              | 4-lamp T5HO, 6-lamp T8, 320M HID |
|               |             |                           | DALR           | 19013                                | 0.1%    | 1.36:1              | 4-lamp T5HO, 6-lamp T8, 320M HID |

| Delivered uplight |           |              |           |
|-------------------|-----------|--------------|-----------|
| Reflector option  | Flat Lens | Conical Lens | Drop Lens |
| ACFR              | 13.6      | 12.3%        | 7.9%      |
| ACCR/PLCR         | 7.7%      | 5.9%         | 7.6%      |
| SALR              | .2        | 5.9%         | 7.7%      |
| DALR              | 2.0%      | 12.3%        | 1.5%      |

## ENERGY SAVINGS

| Fixture      | Input watts | Traditional HID         | Input watts | Watts saved | Yearly energy savings |
|--------------|-------------|-------------------------|-------------|-------------|-----------------------|
| JCBL 24000LM | 200         | 400W Metal Halide       | 443         | 243         | \$80                  |
| JCBL 18000LM | 162         | 400W Metal Halide       | 460         | 297         | \$98                  |
|              |             | 250W Metal Halide       | 284         | 121         | \$40                  |
| Fixture      | Input watts | Traditional Fluorescent | Input watts | Watts saved | Yearly energy savings |
| JCBL 24000LM | 200         | 6 Lamp 54T5HO           | 326         | 126         | \$41                  |
| JCBL 18000LM | 162         | 4 Lamp 54T5HO           | 225         | 62          | \$21                  |

## PHOTOMETRICS

See [www.lithonia.com](http://www.lithonia.com).

## OPTIONS AND ACCESSORIES



Aluminum reflector  
Available specular (SALR) or diffuse (DALR)



Acrylic frosted reflector (ACFR)



Clear acrylic (ACCR) or polycarbonate reflector (PLCR)



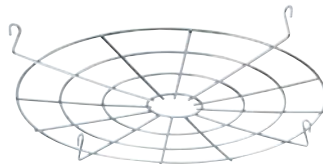
Acrylic drop lens (ACDRP)



Flat prismatic lens (ALFGL)



Conical lens (ALCON)



Wire Guard (WG)



Full Wire Guard (FWG)



Safety Cable (JCBLS120 or JCBLS240)



Cast Hook Female (JCBLHKF)



Cast Hook Male (JCBLHKM)