

## 135 Watt Full-Body LED High Bay

The LEDFHB135 is a full-body, premium-performance LED high bay luminaire. It is designed to illuminate a wide variety of settings, including commercial, industrial & retail settings such as warehouses, manufacturing facilities, sporting venues and big-box retailers. With a powder coat painted, code gage steel housing, the LEDFHB135 provides high levels of durability and performance. High-efficacy, long-life LEDs provide both energy and maintenance cost savings compared to traditional HID high bay fixtures.

Prefix: LEDFHB135



project:

fixture type:

catalog #:

quantity:



### ORDERING GUIDE

EXAMPLE: LEDFHB135-4K-MVDIM

|   |   |   |   |  |  |
|---|---|---|---|--|--|
| <b>LEDFHB135</b>                            | - | <b>4K</b>   | - | <b>MVDIM</b>                                     |  |
| MODEL                                       |   | COLOR TEMPERATURE                                       |   | DRIVER   | OPTIONS (ORDER SEPARATELY)   |
| LEDFHB135 - 135 Watt Full-Body LED High Bay |   | 3K - 3000k*<br>35K - 3500k*<br>4K - 4000k<br>5K - 5000k |   | MVDIM - Multi-Voltage Dimming Driver (120v-277v) | LEDFHB135/140-CRLENS - Clear lens<br>LEDFHB135/140-DIFLENS - Diffuse lens<br>LEDFHB135/140-WG - Wire-guard kit<br>LEDFHB-SMK6 - Surface-mount kit, 6 LED modules<br>LEDFHB-PMK - Pendant-mount kit<br>LEDFHB-CMK3 - Cable-mounting kit, 9' long<br>LEDFHB-CMK5 - Cable-mounting kit, 15' long<br>YM2501A - P.I.R. Occupancy Sensor |
|   |   | * Indicates special order                               |   |  |  |

### FEATURES

- Available in 4000k (neutral white) and 5000k (cool white) color temperatures.\*
- Long-life LEDs provide 122,000 hours of operation with at least 70% of initial lumen output (L<sub>70</sub>).\*\*
- Delivers 18,630 lumens (138 lumens per watt, LPW) at 4000k, and 18,900 lumens (140 LPW) at 5000k.\*
- Universal 120-277 AC voltage (50-60Hz) is standard.
- 0-10vdc dimming drivers are standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.

- Powder coat painted steel housing.
- Easy installation in new construction or retrofit.
- Chain-mount kits (includes v-hooks and 1/8" thick, 36" long chain) are standard.
- Options include lenses (clear & diffused), wire-guard kits, surface-mounting kits, pendant-mounting kits, and cable-mounting kits.

### WARRANTY & LISTINGS

- cULus listed for damp locations in ambient temperatures from -20°C to 50°C (-4°F to 122°F).
- DLC premium approved (refer to Page 3 of this cut sheet). Always check the DLC-QPL for latest information.

- Complies with FCC Part 15, class A.
- Complies with IEEE C.62.41-1991, input transient protection (2.5kV).
- 5-year warranty of all electronics and housing.

### MOUNTING OPTIONS

- Chain mounting with V-hooks is standard.
- Optional surface mounting kit provides attachment to flat ceilings.
- Optional pendant mounting kit provides pendant attachment to junction boxes.
- Optional cable mounting kits provide suspension at two lengths (i.e., 9' & 15').

\* Contact factory for other color temperatures and lumen packages

\*\* L<sub>70</sub> hours are IES TM-21-11 calculated hours.

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Prefix: LEDFHB135

Electrical Data

| Model              | Color Temp. | CRI <sup>1</sup> | Luminaire Lumens | Luminaire Watts | Lumens/Watt | Input Voltage <sup>2</sup> | Input Current |      |      | Power Factor | THD <sup>3</sup> | L <sub>70</sub> Hours <sup>4</sup> |
|--------------------|-------------|------------------|------------------|-----------------|-------------|----------------------------|---------------|------|------|--------------|------------------|------------------------------------|
|                    |             |                  |                  |                 |             |                            | 120V          | 240V | 277V |              |                  |                                    |
| LEDFHB135-4K-MVDIM | 4000k       | >80              | 18,630           | 135             | 138         | 120-277                    | 1.13          | 0.56 | 0.49 | >90%         | <20%             | 122,000                            |
| LEDFHB135-5K-MVDIM | 5000k       | >80              | 18,900           | 135             | 140         | 120-277                    | 1.13          | 0.56 | 0.49 | >90%         | <20%             | 122,000                            |

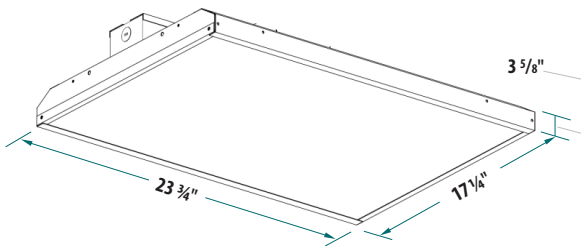
<sup>1</sup> Color rendering index.

<sup>2</sup> All 50-60Hz.

<sup>3</sup> Total harmonic distortion.

<sup>4</sup> L<sub>70</sub> refers to the number of hours at which lumen output declines to 70% of the initial level. L<sub>70</sub> hours are IES TM-21-11 calculated hours.

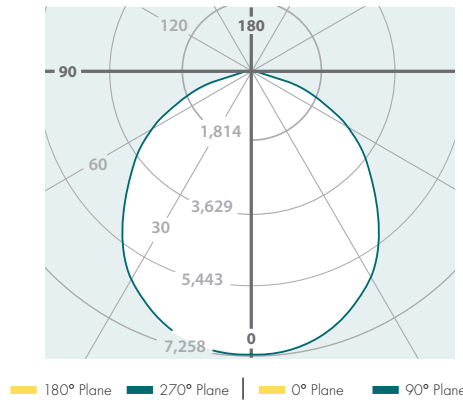
Dimensions



Photometric Data

LEDFHB135-5K-MVDIM

Candela Distribution Polar Plot

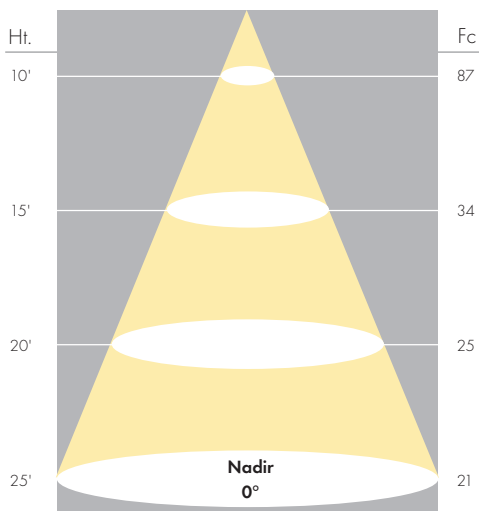


Maximum Candela = 7,258

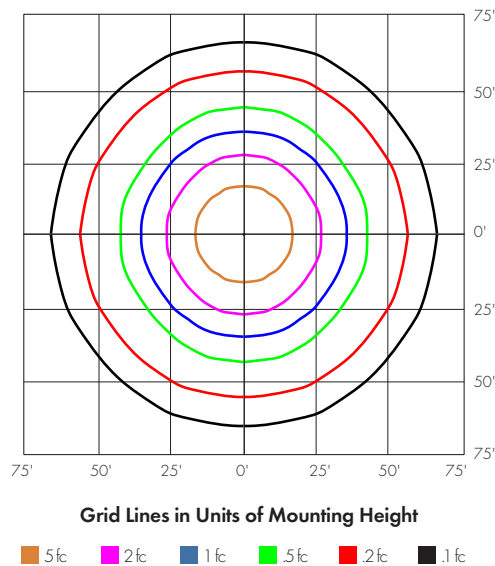
Candlepower Summary

|     | 0°    | 90°   |
|-----|-------|-------|
| 0°  | 7,258 | 7,258 |
| 10° | 7,133 | 7,129 |
| 20° | 6,781 | 6,751 |
| 30° | 6,123 | 6,102 |
| 40° | 5,158 | 5,149 |
| 50° | 3,949 | 3,892 |
| 60° | 2,640 | 2,553 |
| 70° | 1,464 | 1,390 |
| 80° | 542   | 508   |
| 90° | 0     | 0     |

Cone of Light



Horizontal Footcandles



Zonal Lumen Summary

| Zone       | Lumens | % Luminaire |
|------------|--------|-------------|
| 0° - 10°   | 687    | 3.6%        |
| 0° - 20°   | 2,661  | 14.1%       |
| 0° - 30°   | 5,647  | 29.9%       |
| 0° - 40°   | 9,206  | 48.7%       |
| 0° - 50°   | 12,741 | 67.4%       |
| 0° - 60°   | 15,667 | 82.9%       |
| 0° - 70°   | 17,651 | 93.4%       |
| 0° - 80°   | 18,656 | 98.7%       |
| 0° - 90°   | 18,900 | 100.0%      |
| 90° - 180° | 0      | 0.0%        |
| 0° - 180°  | 18,900 | 100.0%      |

Luminaire – Quick Information Reference

| RENOVA Catalog Number | Watts | Lumens | DLC     | DLC ID # |
|-----------------------|-------|--------|---------|----------|
| LEDFHB135-3K-MVDIM    | 135   | 18,090 | N/A     | N/A      |
| LEDFHB135-35K-MVDIM   | 135   | 18,360 | N/A     | N/A      |
| LEDFHB135-4K-MVDIM    | 135   | 18,630 | Premium | PUAZWFMA |
| LEDFHB135-5K-MVDIM    | 135   | 18,900 | Premium | N/A      |