

High-bay Linear LED Series
Efficient. Powerful. Elegant.

| | |
|--------------|--|
| Project: | |
| Catalog#: | |
| Approved by: | |



Applications

- Warehouse
- Manufacturing Facility
- Gymnasium
- Cafeteria
- Auditorium

Features

- Rigid body construction (white finish)
- Tool-less driver access from below the fixture for easy maintenance and serviceability
- Easy access to lens through end of fixture
- LED's available in 4000K and 5000K with 80+ CRI
- Standard 0-10V continuous dimming driver (up to 5%)
- Ideally suited for suspension mounting with optional wire cable hanging kit or chain and V-clips
- Available in Wide and Narrow light distributions
- Listings: UL Listed for damp locations. RoHS compliant and luminaire complies with IESNA LM-79 and LM-80 standards.
- Standard: Multi-volt (110 – 277V) input
- Minimum starting temperature: -40°C
- Suitable for ambient temperatures up to 55°C (131°F)
- Warranty: 5 years
- Available options:
 - Frosted, or Clear Lens
 - Wire guard
 - Occupancy Sensor with smart dimming controls for additional energy savings

Description

H2L/H4L series High-bay LED fixture offers quality lighting for wide-ranging applications and delivers excellent energy savings compared to linear fluorescent and HID high-bay fixtures. This fixture series is available in multiple lumen outputs and is configurable with various options to meet any need. This series is assembled in USA with domestic and imported components facilitating quick shipment of large custom projects.

Benefits

- Designed for optimal thermal performance and long LED life; L70 is theoretically calculated to be greater than 100,000 hours
- Energy saving compared to HID systems and fluorescent systems
- High system efficacy up to 138 Lm/W
- Designed, Manufactured, Tested, and Approved by Howard Industries in Mendenhall, Mississippi.

Dimensions



Visit www.designlights.org for the Qualified Product List



Ordering Information

| Model Family | Lumens | Distribution | CCT | Lens | Input Volts | Factory Installed Options | Cord set Options | Packaging |
|------------------------|-------------------|---------------|------------------------|--|------------------------------|---|---|---|
| H4L | 22 | W | 5K | F | MV | 0000 | 00 | 0 |
| H2L 2 Ft. Linear | 11: 12,000 Lumens | W: Wide Dist. | 4K: 4000K 5K: 5000K | O: No Lens C: Clear Lens ² F: Frosted Lens ² | MV: 120-277V AX: 347-480V | 0000 or (blank): No FIOs A: Occ. Sensor B: Emergency Ballast M: Snap-in Occ. sensor (120-277V) P: Occ. Sensor with Photocell G: High-bay Wire guard J: J-Box Pendant Mount ³ I: Special Wiring Instructions V: Pre-wired for Dimming | 00 or (blank): Standard Disconnect 01: 6' SJT 18/3, no plug 03: 6' SJT 18/3 L5-15, twist lock 120V 05: 6' SJT 18/3 5-15non twist lock 120V 07: 6' SJT 18/3 L7-15 twist lock 277V 09: 6' SJT 7-15 non twist lock 277V | O or (blank): Standard I: Single X: Special |
| | 16: 18,000 Lumens | | | | | | | |
| | 21: 24,000 Lumens | | | | | | | |
| H4L 4 Ft. Linear | 22: 26,000 Lumens | W: Wide Dist. | | | | | | |
| | 33: 38,000 Lumens | | | | | | | |
| | 44: 50,000 Lumens | | | | | | | |

1. Narrow distribution not available with H2L21 and H4L44 series.

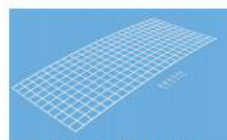
2. Lens availability only with Wide Distribution (W).

3. Available with H4L series only. Call for lead times.

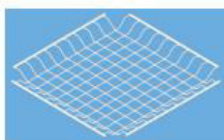
Performance Table

| Model # | Lumen Output | | Input Power (W) | Efficacy (5000K); LPW | Suggested Fluorescent Replacement | Suggested HID Replacement | HPS Input Watts | MH/PSMH Input Watts | Fluorescent T8 | Fluorescent T5HO |
|---------|--------------|-----------|-----------------|-----------------------|-----------------------------------|---------------------------|-----------------|---------------------|----------------|------------------|
| | 5000K CCT | 4000K CCT | | | | | | | | |
| H2L11W | 12,730 | 12,210 | 99 | 130 | 3-Lamp T8 | 175/150 | 185 | 210/186 | 109 | N/A |
| H2L16W | 19,420 | 18,560 | 149 | 131 | 6-Lamp T8 | 250 | 295 | 290/283 | 145 | N/A |
| H2L21W | 25,560 | 24,420 | 198 | 129 | 6-Lamp T5HO | 400 | 463 | 458/455 | 218 | 236 |
| H4L22W | 27,350 | 26,140 | 198 | 138 | 6-Lamp T5HO | 400 | 463 | 458/455 | 218 | 236 |
| H4L33W | 40,300 | 38,510 | 293 | 138 | 8-Lamp T5HO | 400 | 463 | 458/455 | 218 | 236 |
| H4L44W | 53,340 | 50,980 | 388 | 138 | 8-Lamp T5HO; 10-Lamp T8 | 1000 | 1099 | 1080/1077 | 364 | 372 |

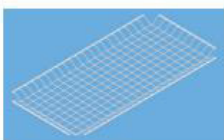
Field Installed Options



H2L-WG & H4L-WG
Wireguard
Actual wireguard appearance may vary



H2L-DWG
2 ft Wireguard for recessed ceiling grid



H4L-DWG
4 ft Wireguard for recessed ceiling grid



HF-2CV (2 foot)
HF-3CV (3 foot)
Hanging Chain & V-clips



HFA-WCH
Wire Cable Hanging Kit
(2 pcs per kit)