

### LED Highbay Flat 4 Foot Linear Design



#### Features

- Full body construction (white finish)
- Access plate on back of the fixture for quick and easy wiring
- Traditional style door with lens options
- Long life LEDs
- LEDs available in 4000K and 5000K with CRI>80
- Up to 80% lumen maintenance at 60,000 hours
- Suitable for ambient temperature up to 40°C (104°F)
- Power Factor (PF) >0.9
- Total Harmonic Distortion (THD) ≤ 20%
- Driver standard with 0-10V dimming (prewired for dimming option available)
- Ideally suited for suspension mounting with optional wire cable hanging kit or chain and V-clips
- Listings: UL listed for damp locations. ROHS compliant.
- HLA1 series products are listed on DLC QPL Premium Classification
- Warranty: 5 years
- Available options:
  - Clear, Frosted, and Prismatic Lens
  - Wireguard
  - Occupancy Sensor with smart dimming control for additional savings (Factory Installed Option -D)
  - Factory Installed Cord/Cordset

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

#### Applications

- |                        |            |
|------------------------|------------|
| Warehouse              | Cafeteria  |
| Manufacturing Facility | Auditorium |
| Gymnasium              |            |

#### Description

HLA1 series highbay fixture offers quality lighting for wide ranging applications and delivers excellent energy savings compared to fluorescent and HID fixtures. This fixture series is available in multiple lumen outputs and is configurable with various options to meet your needs.

#### Benefits

- Designed for optimal thermal performance and long LED life
- Energy saving compared to HID systems and fluorescent systems
- Exceptional color rendering
- High system efficacy up to 133 Lm/W
- System Designed, Manufactured, Tested, and Approved by Howard Industries in Mendenhall, Mississippi
- Compliant with safety and performance standards

**Dimensions:** Length: 48", Width: 19.875", Depth: 4.375"



Visit [www.designlights.org](http://www.designlights.org) for the Qualified Products List



| Ordering Information |                   |                  |           |  |                   |  |  |
|----------------------|-------------------|------------------|-----------|--|-------------------|--|--|
| Series               | Configuration     | # of LED Engines | Color     | Lens   | Input Voltage     | Factory Installed Options (yyy)  | Cordset Options (yy)   |
| HLA1                 | HL: High Lumens   | 12               | 40: 4000K | C: Clear<br>F: Frosted<br>P: Prismatic<br>X: No Lens | MV: 120 – 277 VAC | (blank): No FIO<br>A: Std. Occ. Sensor<br>D: Dimm. Occ. Sensor<br>G: Wireguard<br>P: Occ. Sensor with PC<br>S: Surge Protection<br>V: Prewired for dimming | (blank): Std. Disconnect<br>01: 6' SJT 18/3 (no plug)<br>02: 10' SJT 18/3 (no plug)<br>03: 6' SJT 18/3 L5-15 twist lock 120V<br>05: 6' SJT 18/3 5-15 non twist lock 120V<br>07: 6' SJT 18/3 L7-15 twist lock 277V<br>09: 6' SJT 7-15 non twist lock 277V |
|                      | HE: High Efficacy | 08               | 50: 5000K |  |                   |  |  |

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**Performance Details/Suggested LED Replacement vs. Fluorescent and HID**

| Model #    | Lumen Output* |              | Input Power (W) | Efficacy (lm/W) @5000K CCT | Suggested Replacement   |            |
|------------|---------------|--------------|-----------------|----------------------------|-------------------------|------------|
|            | 5000K; 85CRI  | 4000K; 82CRI |                 |                            | Fluorescent             | HID        |
| HLA1 HL 12 | 35,876        | 35,911       | 292             | 123                        | 8-Lamp T5HO; 10 Lamp T8 | 750 - 1000 |
| HLA1 HE 12 | 28,960        | 29,320       | 220             | 132                        | 6-Lamp T5HO; 8-Lamp T8  | 400        |
| HLA1 HL 08 | 24,411        | 24,435       | 195             | 125                        | 6-Lamp T5HO; 8-Lamp T8  | 400        |
| HLA1 HE 08 | 19,400        | 19,420       | 147             | 133                        | 4-Lamp T8               | 250        |

\*Lumen output is reduced by ~8.5% using a clear, ~11% with frosted lens, and ~15% with prismatic lens

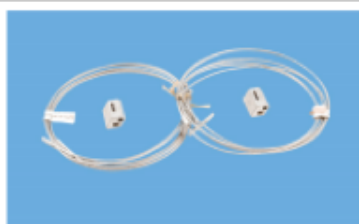
**Operating Temperatures**

| Model #    | Ambient Temperature Rating °C |           |
|------------|-------------------------------|-----------|
|            | No Lens                       | With Lens |
| HLA1 HL 12 | -40 to 50                     | -40 to 40 |
| HLA1 HL 08 |                               | -40 to 45 |
| HLA1 HE 12 | -40 to 55                     |           |
| HLA1 HE 08 |                               |           |

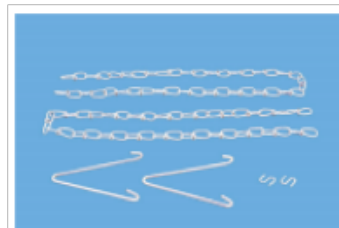
**Field Installed Options Ordering**



**HFA1-WG**  
Wire Guard



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



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