

LED Highbay
Flat 4 Foot Linear Design

Project:	
Catalog#:	
Approved by:	



Applications

- Warehouse
- Manufacturing Facility
- Gymnasium
- Cafeteria
- Auditorium

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"

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 55°C (131°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



Visit 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 08	40: 4000K	C: Clear F: Frosted P: Prismatic X: No Lens	MV: 120 – 277 VAC	(blank): No FIO A: Std. Occ. Sensor D: Dimm. Occ. Sensor G: Wireguard P: Occ. Sensor with PC S: Surge Protection V: Prewired for dimming	(blank): Std. Disconnect 01: 6' SJT 18/3 (no plug) 02: 10' SJT 18/3 (no plug) 03: 6' SJT 18/3 L5-15 twist lock 120V 05: 6' SJT 18/3 5-15 non twist lock 120V 07: 6' SJT 18/3 L7-15 twist lock 277V 09: 6' SJT 7-15 non twist lock 277V
	HE: High Efficacy		50: 5000K				

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Performance Details/Suggested LED Replacement vs. Fluorescent and HID

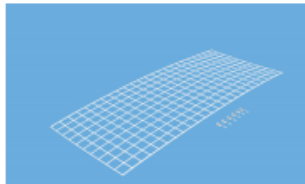
Model #	Lumen Output*		Input Power (W)	Efficacy (lm/W) @5000K CCT	Suggested Replacement	
	5000K; 85CRI	4000K; 82CRI			Fluorescent	HID
HLA1 HL 12	35,876	35,911	292	123	8-Lamp T5HO; 10-Lamp T8	750 – 1000
HLA1 HE 12	28,960	29,320	220	132	6-Lamp T5HO; 8-Lamp T8	400
HLA1 HL 08	24,411	24,435	195	125	6-Lamp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