



Model: HLM

HL-SERIES, LED High Bay Fixture – AC_{input}
Low Profile, Fully Integrated LED Light Fixture

Item Code:	Type
Project:	
Comments:	Date
Prepared by:	

FEATURES & BENEFITS

This durable, low-profile, High Bay LED light fixture is an ideal solution for high ceiling (≥25ft) Commercial and Industrial building spaces including School Gymnasiums, industrial warehousing, storage facilities, airport hangers or any other area requiring extra high lumen, high product reliability.

SPECIFICATIONS & FEATURES

WHERE TO USE – Interior, new construction and/or re-model installations.

TYPICAL APPLICATIONS – Commercial, industrial, retail and hospitality applications with high ceilings requiring high illumination levels.

ENERGY EFFICIENT – This high lumen, low wattage product offers exceptional energy efficient value.

DESIGN & CONSTRUCTION – Low profile design utilizing patented thermal management methods. 100% aluminum with 40% recycled content. Fixture is >94% recyclable. Durable powder coated finish.

WIDE AREA LIGHT DISTRIBUTION OPTIC – Acrylic diffuser provides wide area dispersion with a perfect balance between light transmission and diffusion enhancing the environment with light and brilliance. Resistant to traces of wear and weather, 11 times the impact strength of glass, 100% recyclable and 30 year non-yellowing properties!

MOUNTING/INSTALLATION – *New Construction & Retrofit:* Standard High Bay mounting options (chain or hanger; not included). Fixture configured with suspension female thread provision (M12*P1.75-18h thread) and provided with eyebolt (30mm eye diameter).

POWER INPUT – Universal AC input / Full range (up to 305VAC).

INSTANT ON/OFF CONTROL – Provides instant ON/OFF control (M24A). Offers 1-10VDC or 10V PWM (M24B; specify accordingly).

LISTINGS & COMPLIANCE – UL1598 ETL Listing (Canada & US). RoHS compliant.

FIXTURE WEIGHT – Under 15.0 lbs.

WARRANTY – 5 year limited warranty, both LED and driver. Full warranty details available at www.silescent.com

MADE IN USA – LED Fixture is designed, engineered and manufactured by Silescent Lighting Corp. in Ft. Lauderdale FL (ARRA & NAFTA compliant).

OPTIONS

FINISH – Matte White Powder Coat Finish Standard. Custom colors available (RAL).

WATTAGE LEVELS – Offered in 200/145 watts.

LAMP TEMPERATURES (CCT) – 4000, 5000 Kelvin (80CRI or 70CRI). 3000 (70/80/90CRI), 3500 or 4000K (90CRI) available upon request.

CONTROL – Instant ON/OFF standard control; specify 1-10VDC or 10V PWM.

MOUNTING – Provisioned for chain mount or hanger; specify separately or supply by other.



ELECTRICAL DATA

- **Operating Temp:**-40°C ~ +60°C
- **Ambient Temp:**<35°C
- **Nominal Voltage:**120/230/277 VAC_{in} (specify)
- **Operating Voltage:**90 – 305VAC, 50 / 60 Hz
- **Power Factor:**>98%/115V, >95%/230V, >93%/277V
- **Dimming:**offers 1-10VDC or 10V PWM (specify)
- **AC Current (Typ):**2.5A/115V, 1.3A/230V, 1.2A/277V

CONSTRUCTION

- **Dimensions:**Low-Profile: 23.75in (dia.) x 5.6in (H)
- **Weight:**<15 lbs.

RATINGS/WARRANTY

- **Life Rating:**100,000 hours
- **Warranty:**5 years

ORDERING INFORMATION

Sample Number: HLC01M1A51HD3200w

Item Code	CCT	CRI	Watts	Lumens	lm/W
HLC01M1A40145W	4000k	80cri	145	18,289	126
HLC01M1A50145W	5000k	80cri	145	19,211	132
HLC01M1A51145W	5000k	70cri	145	21,060	145
HLC01M1A40200W	4000k	80cri	200	25,972	130
HLC01M1A50200W	5000k	80cri	200	27,243	136
HLC01M1A51200W	5000k	70cri	200	29,825	149

