



HIGH BAY LED FIXTURE (SERIES: HLM-200w)

Low Profile, Ultra High Lumen LED Downlight
200watt, 120-277VAC_{in}, Wide Angle, 150 lm/W

FEATURES & BENEFITS

Ideal solution for high ceiling lighting spaces including industrial warehousing, storage facilities, airport hangers or any other area requiring high lumen, high product reliability.

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

MAINTENANCE FREE – Eliminates costly bulb and/or ballast replacements, lens cleaning/replacements due to UV yellowing and is corrosion resistant. Reduces unnecessary landfill & disposal.

ARCHITECTURALLY PLEASING DESIGN – The Silescent Fixture looks outstanding in either the ON or OFF state.

PLEASING LAMP COLOR – High quality LEDs delivering pure (visible) light spectrum lighting originating from the highest quality COB array's producing the most vibrant of colors.

WIDE AREA LIGHT DISTRIBUTION – 170 degree distribution provides remarkable light coverage throughout the facility. Eliminates dark corners and provides floor to ceiling even distribution.

INSTANT ON/OFF – Events start on time, end on time with the ability to turn on/off these fixtures on-demand and as needed saving further energy costs.

SANITARY DESIGN – The entire room side surface of the fixture can be easily cleaned and disinfected; the fixture has been designed to eliminate or minimize dust and germ collecting surfaces (IP65 rated).

ENVIRONMENTALLY FRIENDLY – No Hazardous Mercury Content.

LISTINGS & COMPLIANCE – UL1598 listed Canada & US (ETL label), wet location under cover ceiling, IP65 rated, RoHS compliant.

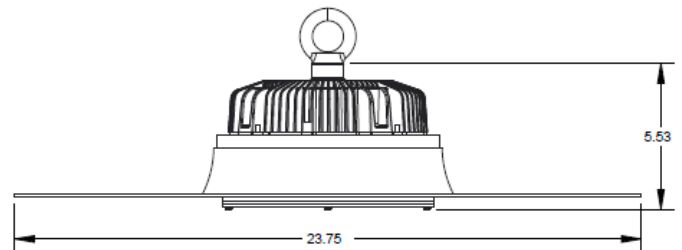
THERMAL MANAGEMENT - Patented (No.'s: 7,810,960 & 8,360,614) HEAT FORWARD/LIGHT FORWARD proprietary technology.

EXTRA LONG LIFE – 100,000 operating hours (@ 10 hrs/day is > 27 years)

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

EASY MOUNTING/INSTALLATION – *New Construction & Retrofit:* Pendant & Chain mounting capable.

MADE IN USA – Designed, engineered and mfr'd by Silescent Lighting in Ft. Lauderdale FL (ARRA & NAFTA compliant).



ELECTRICAL DATA

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

CONSTRUCTION

- Dimensions:24.0in (dia.) x 8.6in (H)
- Weight:15 lbs.

RATINGS/WARRANTY

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

PERFORMANCE SUMMARY

- Light Output:29,825 Lumens
- Wattage:200
- CCT:5000 Kelvin, >70cri
- Efficacy:150 lumens/watt

SPECIFICATIONS

THERMAL TRIM RING STYLE – 24 inch diameter Trim Ring

FINISH – Standard Powder Coat White Finish.

INPUT VOLTAGE – 120-277VAC_{in}

LAMP TEMPERATURES (CCT) – 5000 Kelvin (CRI>70)

OPTIC – Diffuser, wide area distribution.

WATTAGE – 200 watts.

FIXTURE WEIGHT – 15.0 lbs (including chain mount)

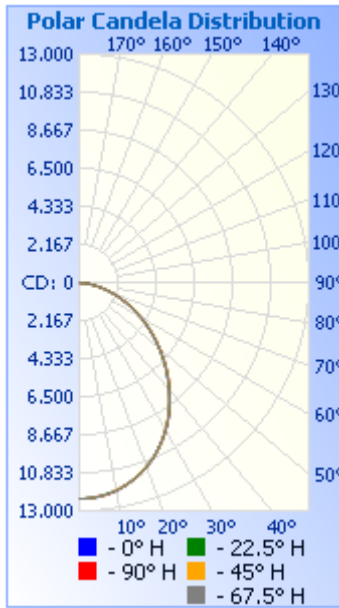
Standard options available upon request (Finish & CCT). Pricing & lead-times may be affected. Contact Manufacturer.



Silescent LED HIGH BAY LED FIXTURE, 200watts

Photometric Data

UPC 692193787822: 120-277VACin, 5000k, 70CRI, 200 Watts, 29,825 Delivered Lumens, 150 Lm/W (measured)
 Mfr Item Code: HLC01M1A51HD3200w

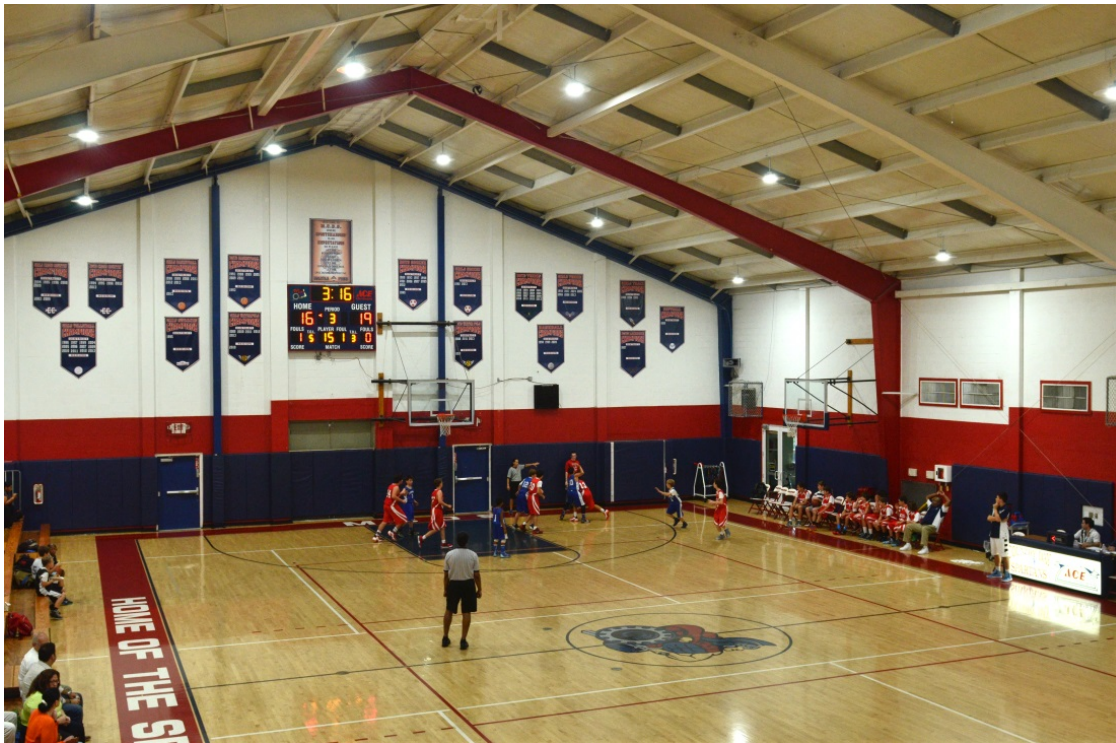


| Zonal Lumen Summary | | | Lumens Per Zone | | | |
|---------------------|----------|-------------|-----------------|---------|---------|-------|
| Zone | Lumens | % Luminaire | Zone | Lumens | % Total | |
| 0-30 | 9,265.0 | 31.1% | 0-10 | 1,160.0 | 3.9% | |
| 0-40 | 14,796.8 | 49.6% | 10-20 | 3,278.9 | 11.0% | |
| 120 | 24,625.7 | 82.6% | 20-30 | 4,826.0 | 16.2% | |
| 60-90 | 5,198.2 | 17.4% | 30-40 | 5,531.9 | 18.5% | |
| 70-100 | 2,054.9 | 6.9% | 40-50 | 5,352.9 | 17.9% | |
| 90-120 | 1.1 | 0% | 50-60 | 4,475.9 | 15.0% | |
| 90° | 0-90 | 29,823.9 | 100% | 60-70 | 3,144.5 | 10.5% |
| 80° | 90-180 | 1.1 | 0% | 70-80 | 1,652.0 | 5.5% |
| 70° | 0-180 | 29,825.1 | 100% | 80-90 | 401.7 | 1.3% |

| | Illuminance at a Distance | | |
|--------|---------------------------|------------|---------|
| | Center Beam fc | Beam Width | |
| 4.3ft | 665 fc | 9.9 ft | 9.9 ft |
| 8.7ft | 163 fc | 19.9 ft | 20.1 ft |
| 13.0ft | 72.8 fc | 29.8 ft | 30.1 ft |
| 17.3ft | 41.1 fc | 39.7 ft | 40.0 ft |
| 21.7ft | 26.1 fc | 49.8 ft | 50.2 ft |
| 26.0ft | 18.2 fc | 59.6 ft | 60.2 ft |

■ Vert. Spread: 97.8°
 ■ Horiz. Spread: 98.3°

.ies files available upon request
 (contact manufacturer)
 File: TR209-22b



| | | |
|--------------|--------------|------|
| UPC: | 692193787822 | Type |
| Project: | | |
| Comments: | | Date |
| Prepared by: | | |