



## HIGH BAY LED FIXTURE (SERIES: HRM-200w)

Reflective Series, Ultra High Lumen LED Downlight  
200watt, 120-277VAC<sub>in</sub>, Wide Angle, **138 lm/W**

### FEATURES & BENEFITS

*This Stylish, Reflective Series 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.*

**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, RoHS compliant.

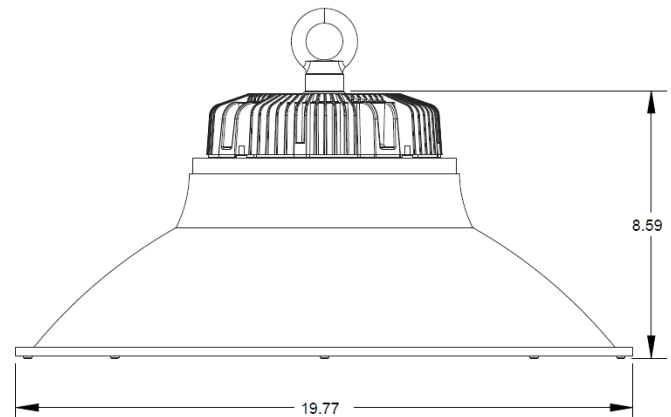
**THERMAL MANAGEMENT** - Patented (No.'s: 7,810,960 & 8,360,614) HEAT FORWARD/LIGHT FORWARD proprietary technology.

**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](http://www.silescent.com)

**EASY MOUNTING/INSTALLATION** – *New Construction & Retrofit:* Chain mount

**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<sub>in</sub>
- **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:** ..... Reflective: 19.77in (dia.) x 8.6in (H)
- **Weight:** ..... <13 lbs.

### RATINGS/WARRANTY

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

### PERFORMANCE SUMMARY

- **Light Output:** ..... 27,600 Lumens
- **Wattage:** ..... 200watts
- **CCT:** ..... 5000 Kelvin, >70CRI
- **Efficacy:** ..... 138 lumens/watt

### SPECIFICATIONS

**THERMAL TRIM RING STYLE** – 20 inch diameter Thermal Housing

**FINISH** – Standard Powder Coat Matte White Finish.

**INPUT VOLTAGE** – 120 - 277VAC<sub>in</sub>

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

**OPTIC** – Diffuser, ~170 degree distribution.

**WATTAGE** – 200 watts

**FIXTURE WEIGHT** – 13.0 lbs (including chain mount)

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

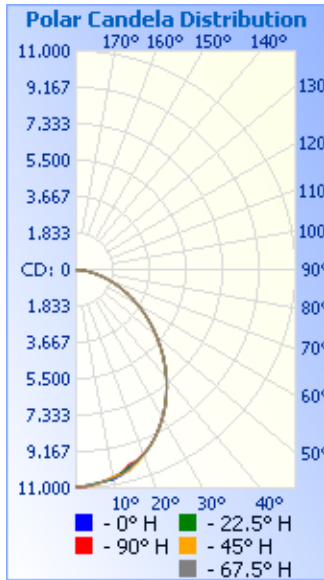


# Silescent LED HIGH BAY LED FIXTURE, 200watts

# Photometric Data

UPC# 692193787846: 120-277VACin, 5000k, 70CRI, 191.9 Watts, 26438 Delivered Lumens, 138 Lm/W (measured)

Mfr Item Code: HRC03M1A51200w



### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	8,228.0	31.1%
0-40	13,140.2	49.7%
0-60	21,849.1	82.6%
60-90	4,588.9	17.4%
70-100	1,810.9	6.8%
90-120	0	0%
0-90	26,438.0	100%
90-180	0	0%
0-180	26,438.0	100%

### Lumens Per Zone

Zone	Lumens	% Total
0-10	1,027.5	3.9%
10-20	2,911.5	11.0%
20-30	4,288.9	16.2%
30-40	4,912.2	18.6%
40-50	4,748.0	18.0%
50-60	3,961.0	15.0%
60-70	2,778.0	10.5%
70-80	1,460.0	5.5%
80-90	350.9	1.3%

	Illuminance at a Distance	
	Center Beam fc	Beam Width
4.3ft	591 fc	9.8 ft 9.9 ft
8.7ft	144 fc	19.9 ft 20.0 ft
13.0ft	64.6 fc	29.8 ft 29.9 ft
17.3ft	36.5 fc	39.6 ft 39.8 ft
21.7ft	23.2 fc	49.7 ft 49.9 ft
26.0ft	16.2 fc	59.5 ft 59.8 ft

■ Vert. Spread: 97.7°  
■ Horiz. Spread: 98.0°

.ies files available upon request

(contact manufacturer)

File: TR226-T3



UPC #:	692193787846	Type
Project:		
Comments:		Date
Prepared by:		