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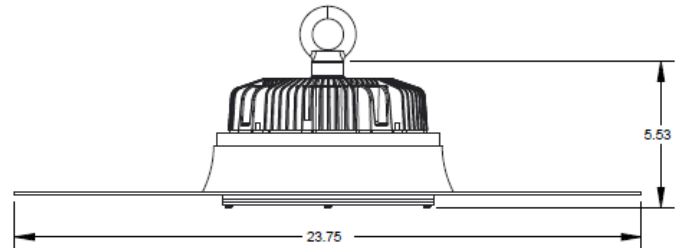
THERMAL MANAGEMENT - Patented (No.'s: 7,810,960 & 8,360,614) HEAT FORWARD/LIGHT FORWARD proprietary technology.

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).

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, 170 degree distribution.

WATTAGE – 200 watts.

FIXTURE WEIGHT – 15.0lbs *(including chain mount)*

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

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

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

Polar Candela Distribution

- ■ - 0° H
- ■ - 22.5° H
- ■ - 90° H
- ■ - 45° H
- ■ - 67.5° H
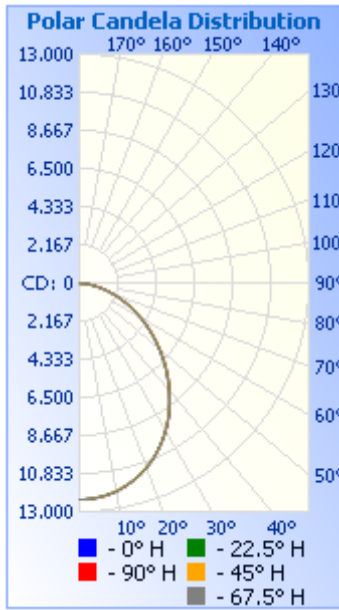
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	9,265.0	31.1%
0-40	14,796.8	49.6%
0-60	24,625.7	82.6%
60-90	5,198.2	17.4%
70-100	2,054.9	6.9%
90-120	1.1	0%
0-90	29,823.9	100%
90-180	1.1	0%
0-180	29,825.1	100%

Lumens Per Zone

Zone	Lumens	% Total
0-10	1,160.0	3.9%
10-20	3,278.9	11.0%
20-30	4,826.0	16.2%
30-40	5,531.9	18.5%
40-50	5,352.9	17.9%
50-60	4,475.9	15.0%
60-70	3,144.5	10.5%
70-80	1,652.0	5.5%
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)

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