



Manhattan Low Bay

Product: LEDNA-LB1-100277-90

Features

Lumen Output	7926 lm
Input Power (Watts)	84W
Efficacy (lm/w)	94 lm/w
Color Temperature (CCT)	5213K
Color Rendering Index (CRI)	69
Dimensions	14.5x8x8
Voltage Input	100-277 VAC
Beam Angle	Type V-Round
Weight	14.5 lbs.
Warranty	10 Years
Certification	ETL, UL8750
Environment	Rated for Damp Location



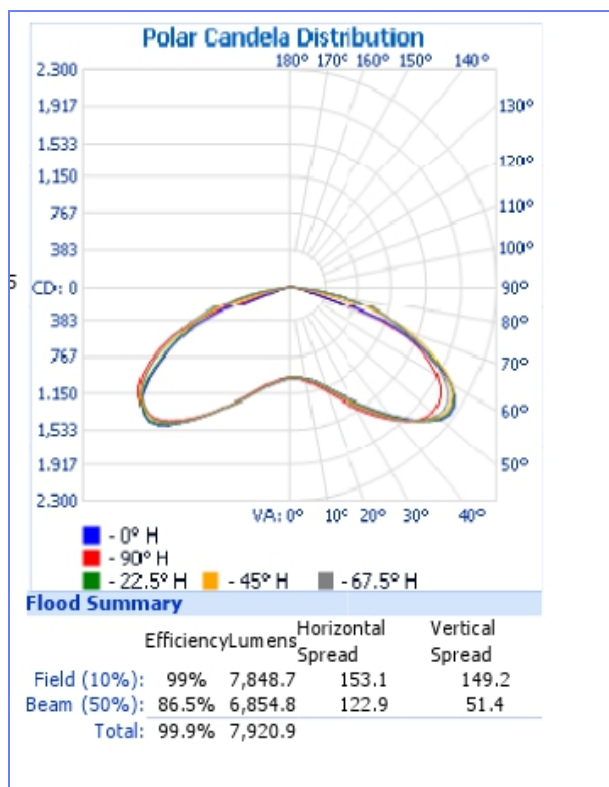
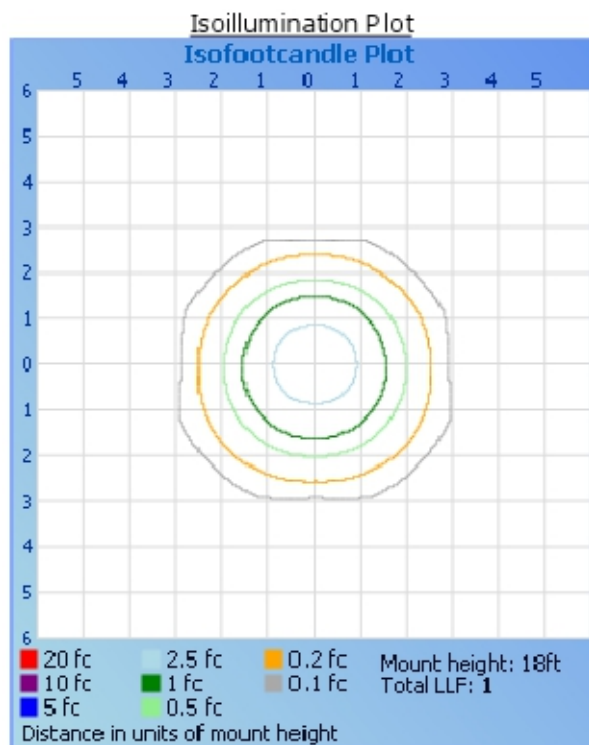
Benefits

The Manhattan commercial low bay luminaire is a cost effective solution to HID indoor lighting. Units can be either hook mounted or customized to fit your installation requirements. Through our exclusive license with ORNL, this luminaire incorporates our patented graphite-foam technology to passively cool the LED light engine. With the enhanced thermal management of its design, we are extending the life of the components; hence, our 10 year warranty.

- Thermal management of Graphite Foam ensures extended component life
- Ideal for mounting heights up to 24'
- High brightness lighting module
- No UV or IR light radiation
- Water resistance (IP 65) for light engine
- Wide operation temperature range (-30°C to +50°C) suitable for all ambient conditions
- Pb-free and RoHS-complaint devices meets green environmental initiatives
- Broad light distribution pattern
- 10 Year Warranty



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Illuminance - Cone of Light
Illuminance at a Distance

Center Beam FC	Beam Width
109.32 fc	2.9ft 11.0ft
27.33 fc	5.8ft 22.1ft
12.15 fc	8.7ft 33.1ft
6.83 fc	11.5ft 44.1ft
4.37 fc	14.4ft 55.2ft
3.04 fc	17.3ft 66.2ft

■ Vert. Spread: 51.4° ■ Horiz. Spread: 122.9°

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,029.6	13%
0-40	2,079.6	26.2%
0-60	5,512.7	69.6%
60-90	2,411.6	30.4%
70-100	851.6	10.7%
90-120	1.5	0%
0-90	7,924.2	100%
90-180	1.5	0%
0-180	7,925.7	100%