



LED High Bay LHBM Mid-Range Series



LHBM-2-90W

Shown with optional motion sensor and emergency battery pack.

LHBM-2-90W

LHBM Series LED High Bay Fixture

This LED high bay fixture series is designed to replace HID and fluorescent high bays in industrial, commercial and retail applications.

Fixture Construction

Powder coated steel body and end caps are secured with heavy duty rivets. Multi-bend formation reinforces rigidity along with small fixture footprint makes for a very robust and lightweight fixture. The LED modules are secured to an extruded aluminum thermally engineered base which also serves as a support for clear or frosted PMMA diffuse lens. Silicone end caps provide a dust tight optical allowing the LHBM series fixtures to be used in dusty applications. A quick entry A/C connection plate is located on the back of the housing to provide easy access to electrical connections. Openings are available for aircraft cable toggles or "V" hook suspension.

Electrical

- 120/277-volt power input is included with every fixture
- 0-10-volt DC dimming driver(s) standard
- Operating temperature is -40F to 140F

Compliance

This fixture is UL listed for damp locations and minus 40F to +140F ambient environments IESNA LM-79 and LM-80 standards. Fixture is UL/cUL Certified and DLC Premium qualified.

Options

- Motion sensor / MS
- Emergency battery pack / EM
- Aircraft cable hanging gear / HC
- Wireguard / WG

Dimensions

90-watt fixture

Length: 24 inches
Width: 10.3 inches
Height: 1.83 inches

130 and 180-watt fixtures

Length: 24 inches
Width: 19.6 inches
Height: 1.83 inches

Performance

The LHBM-2-90W fixture offers the following:

- 90 watts, 140 lumens per watt with diffuser (12,600 delivered lumens)

Projected life is greater than 50,000 hours. LED modules and drivers are offered with a standard 5-year warranty based on performance under normal conditions.

Application

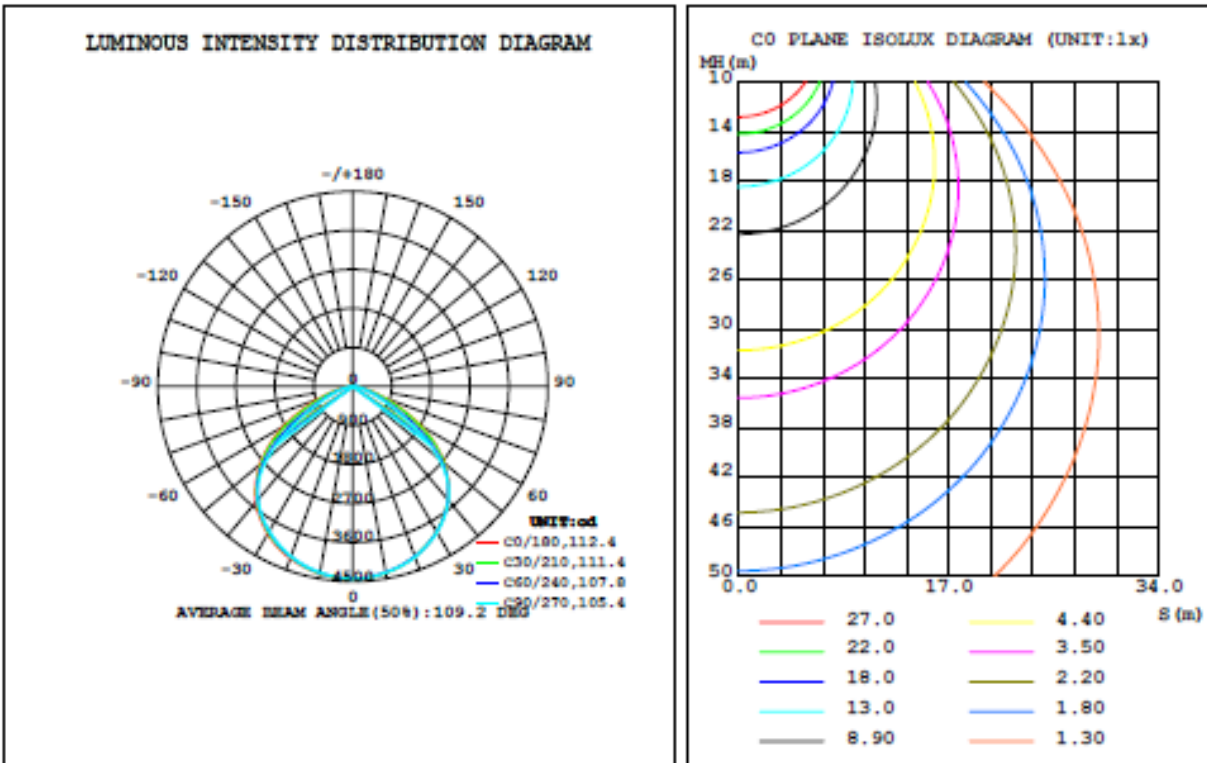
Industrial, institutional, commercial and retail

Mounting

Standard fixture can be suspended with aircraft cable or chain. NOTE: safety chain by others is recommended for applications that may subject the fixture to possible impact.

Photometric Data

90-watt

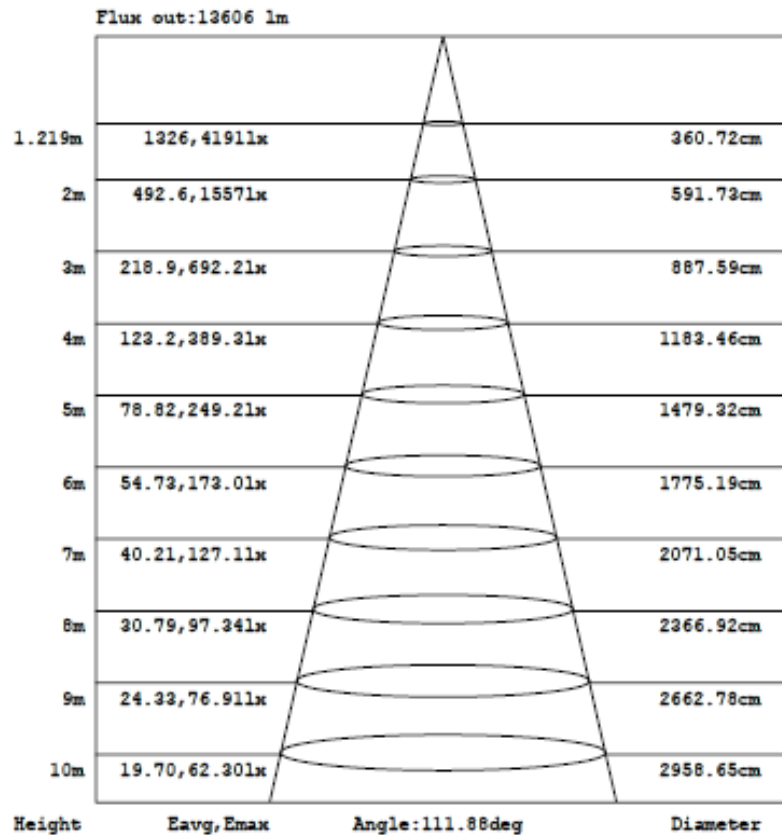
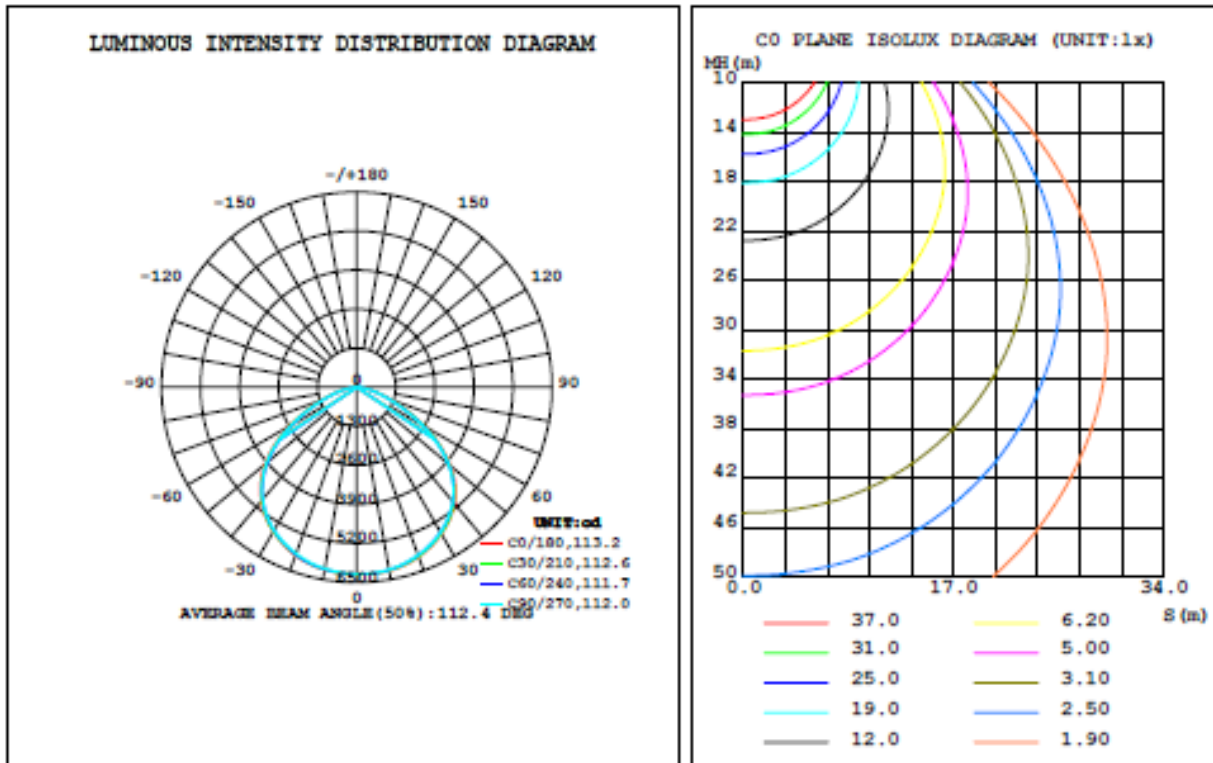


Flux out: 8833 lm

Height	Eavg, Emax	Angle: 105.39deg	Diameter
1.219m	1074, 2986lx		320.04cm
2m	399.1, 1110lx		525.00cm
3m	177.4, 493.1lx		787.50cm
4m	99.78, 277.4lx		1050.01cm
5m	62.86, 177.5lx		1312.51cm
6m	44.35, 123.3lx		1575.01cm
7m	32.58, 90.57lx		1837.51cm
8m	24.95, 69.35lx		2100.01cm
9m	19.71, 54.79lx		2362.51cm
10m	15.97, 44.38lx		2625.02cm

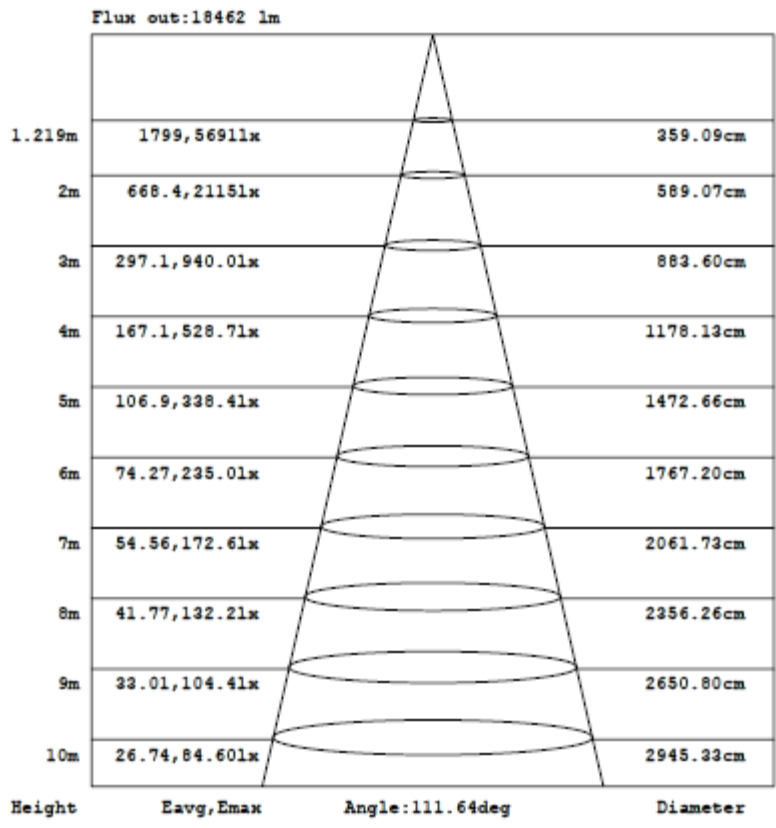
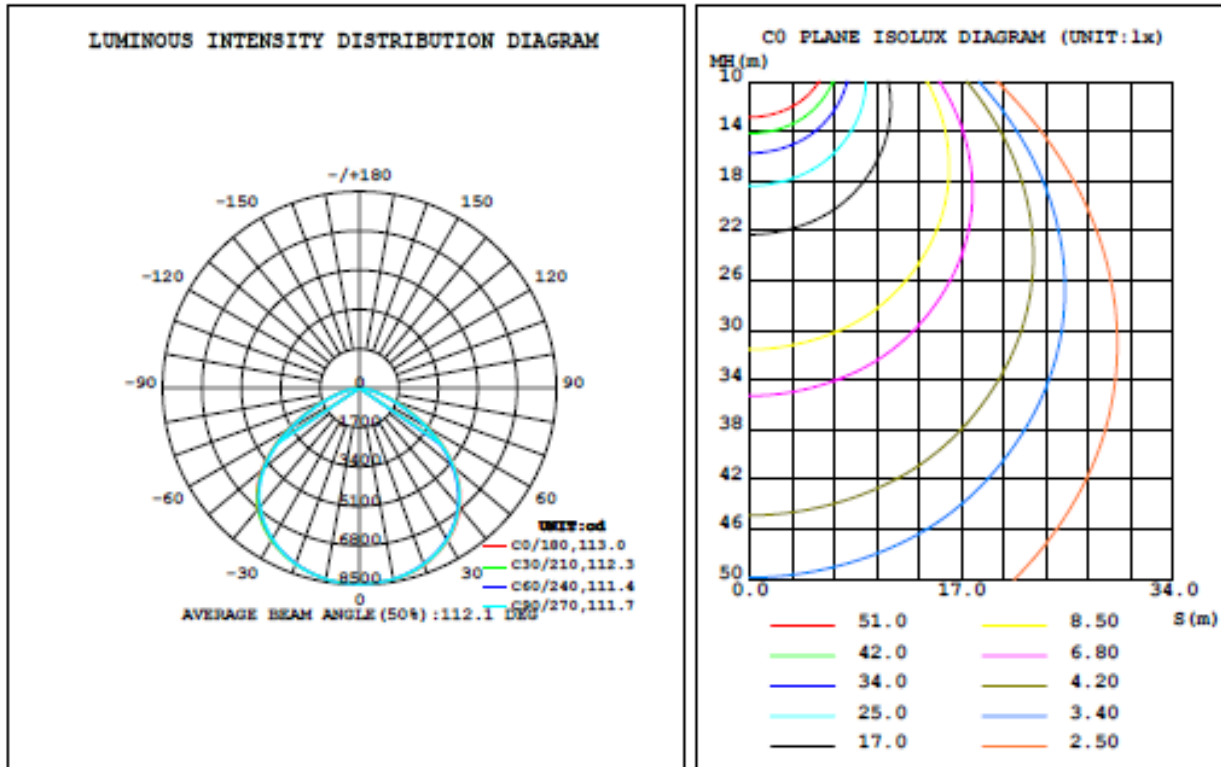
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

130-watt



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

180-watt



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.