



LED High Bay LHBM-2-180-UNV 180-Watt Mid-Range Series

LHBM-2-180 LED High Bay Fixture

The LHBM-2-180 is a member of our LHBM-2 Series family that includes 90, 130, 180, 205, 270 and 300-watt models. This LED high bay fixture is designed to replace HID and fluorescent high bays in industrial, commercial and retail applications.

Fixture Construction

Powder coated aluminum alloy body and end caps are secured with heavy duty rivets. Multi-bend formation reinforces rigidity combined with a 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 PMMA lens. Silicone end caps provide a dust tight optical system 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 -40C to 55C (-40F to 131F)

Compliance

This fixture is UL listed for damp locations and minus 40°C to +55°C ambient environments per IESNA LM-79 and LM-80 standards. Fixture is UL/cUL Certified and DLC Premium qualified.

Options

- Motion sensor / MS
- Emergency battery pack / EM
- 6-ft cord / CNP
- Wireguard / WG

Dimensions

130 and 180-watt fixtures

Length: 24.00 inches
Width: 19.60 inches
Height: 1.83 inches



LHBM-2-180-UNV

Shown with optional motion sensor and emergency battery pack.

Performance

The **LHBM-2-180** fixture offers the following:

- 180 watts, 136.11 lumens per watt with semi-frosted diffuser (24,500 delivered lumens at 4000K)

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

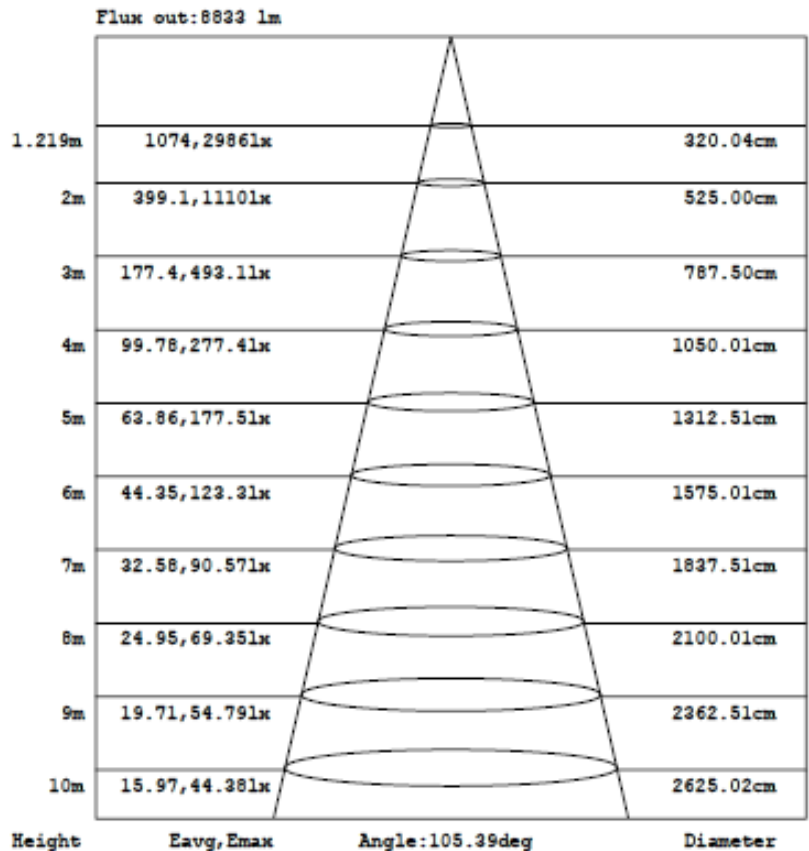
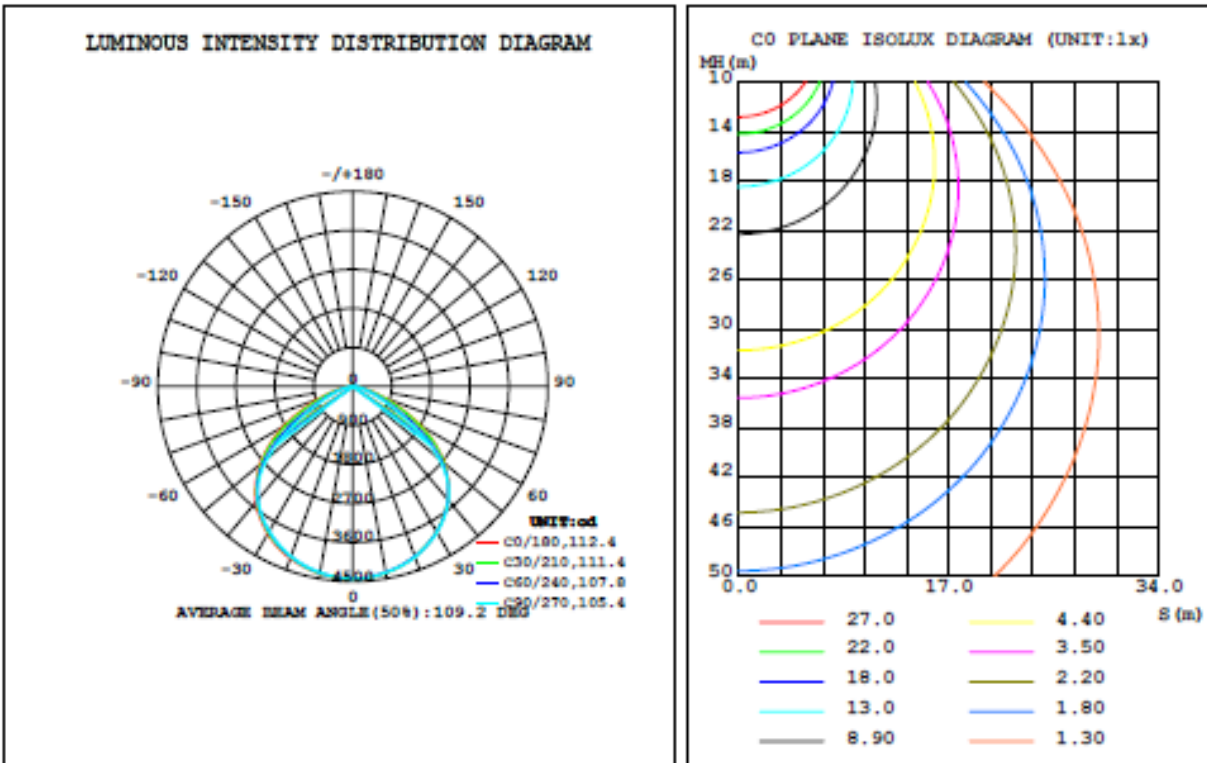
Standard fixture can be suspended with aircraft cable or chain. NOTE: safety chain by others is recommended for applications that may subject the fixture to possible impact.



Truex Lighting, a division of Truex, LLC

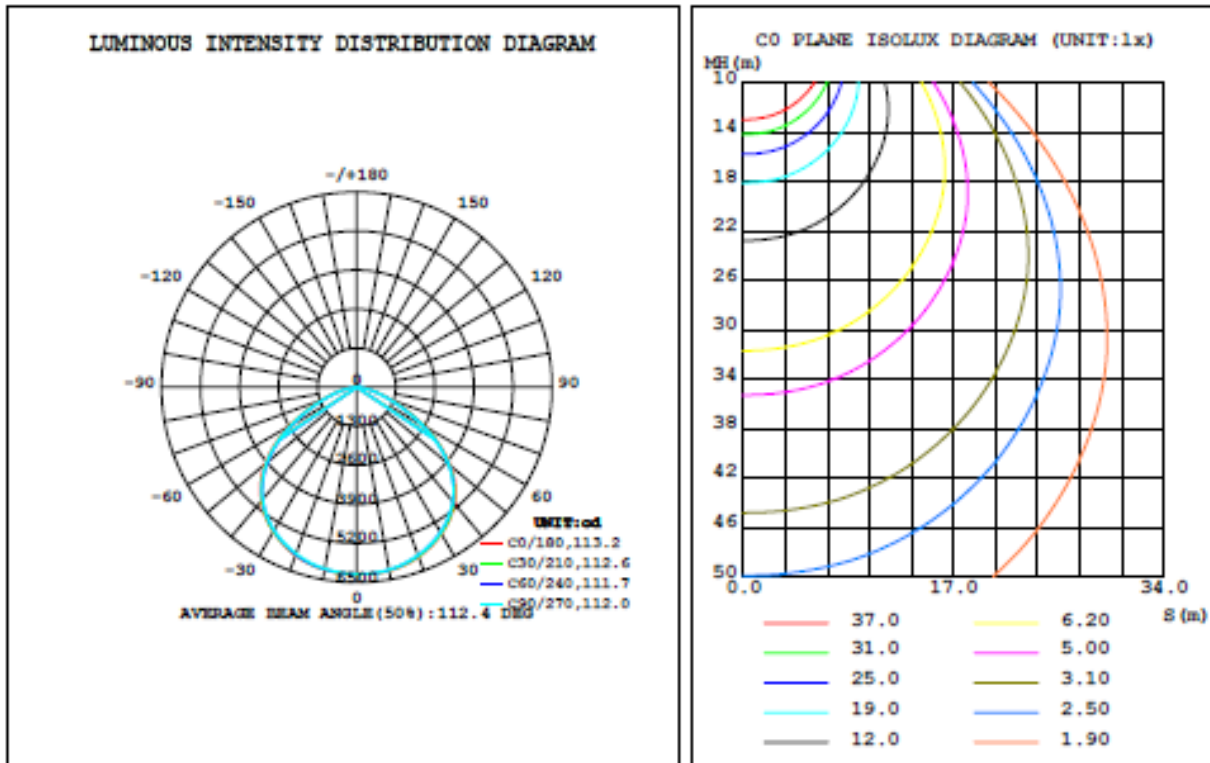
Photometric Data

90-watt



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

130-watt

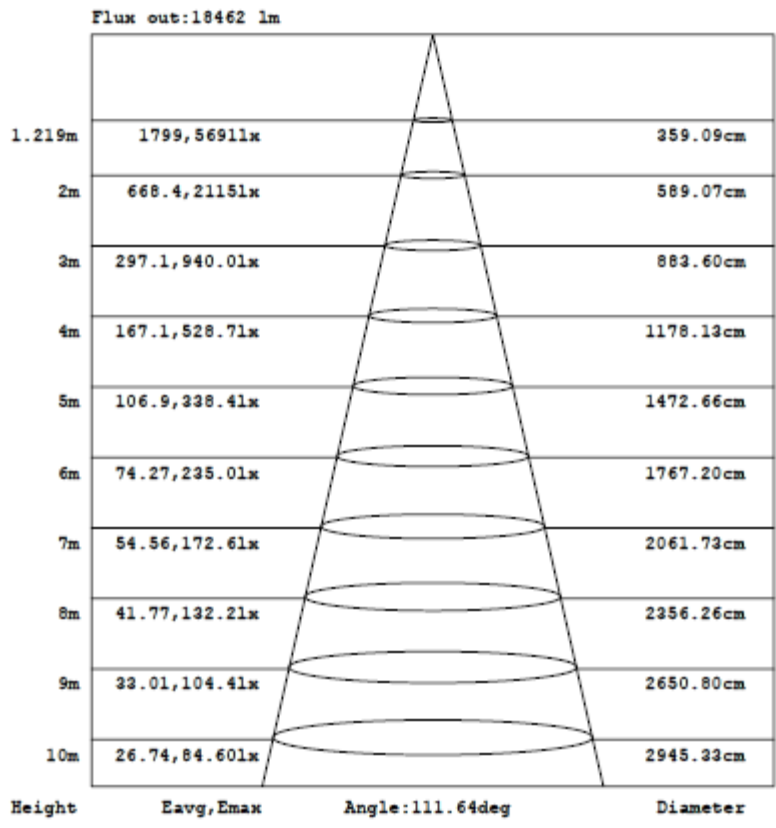
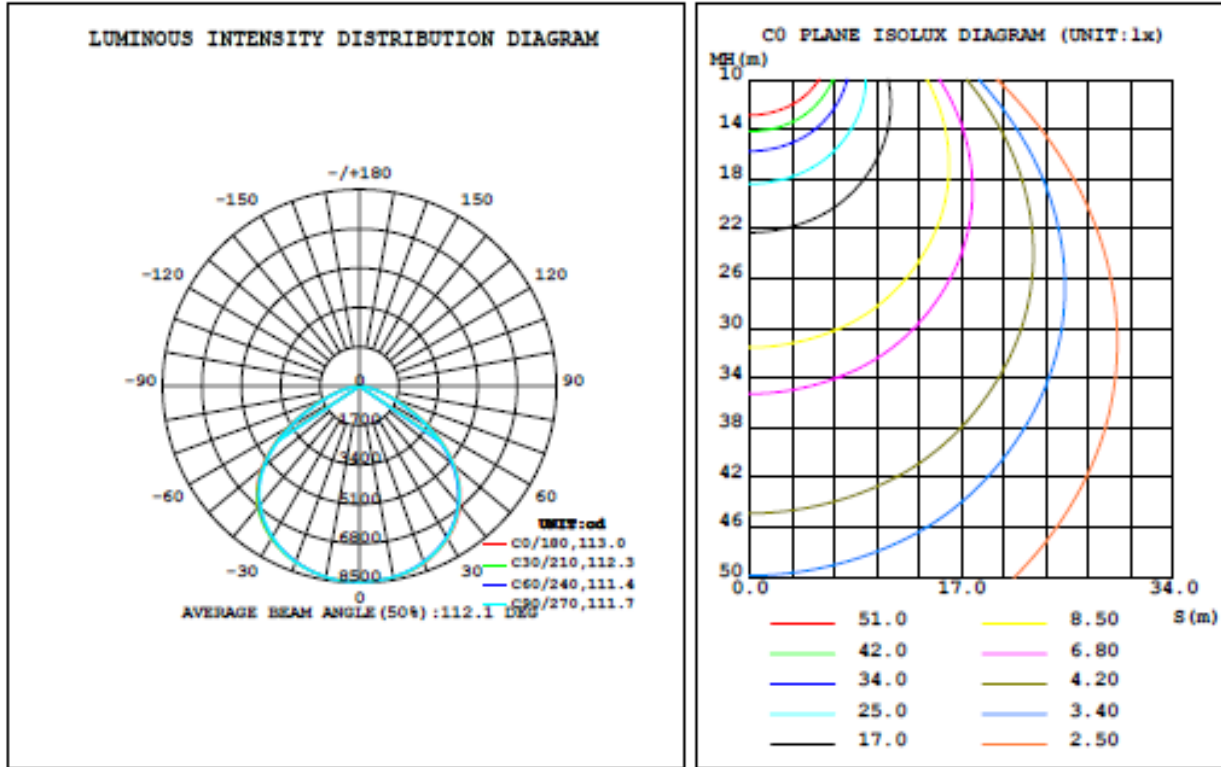


Flux out: 13606 lm

| Height | Eavg, Emax | Angle: 111.88deg | Diameter |
|--------|----------------|------------------|-----------|
| 1.219m | 1326, 4191lx | | 360.72cm |
| 2m | 492.6, 1557lx | | 591.73cm |
| 3m | 218.9, 692.2lx | | 887.59cm |
| 4m | 123.2, 389.3lx | | 1183.46cm |
| 5m | 78.82, 249.2lx | | 1479.32cm |
| 6m | 54.73, 173.0lx | | 1775.19cm |
| 7m | 40.21, 127.1lx | | 2071.05cm |
| 8m | 30.79, 97.34lx | | 2366.92cm |
| 9m | 24.33, 76.91lx | | 2662.78cm |
| 10m | 19.70, 62.30lx | | 2958.65cm |

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.