



## LED High Bay Falcon Series

### LHBGL-2-142-5000

#### Falcon Series LED High Bay Fixture

This 142 watt LED high bay fixture 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 slide on PMMA diffuse lens. Silicone end caps provide a dust tight optical allowing the Falcon series fixtures to be used in dusty applications. Lamp ends are held in place by a tool-less pinch cover that provides a secondary bracing for the cross beams. A quick wire splice 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)

#### Optics

Precision designed optics deliver even illumination. General and aisle distribution ensures superior performance to key areas within an application.

#### Options

- 0-10-volt dimming motion sensor
- Aircraft cable hanging gear
- 6-ft cord
- Tandem kit to connect fixtures end-to-end
- Wireguard

#### Dimensions

Length: 24.6 inches  
Width: 19.2 inches  
Height: 2.1 inches



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#### Performance

The Falcon Series fixtures offer the following:

- >130 lumens per watt
- >80 CRI
- THD<10%
- PF>95

Projected life is greater than 100,000 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.

#### Compliance

This fixture is cETLus listed for damp locations and minus 20°C to +50°C ambient environments. DLC and RoHS compliant. LED modules comply with IESNA LM-79 and LM-80 standards..

