

MHB08 SERIES - LED Tunable UFO High Bay

The MHB08 SERIES - LED Tunable UFO High Bay, Up to 156 lm/W, IP65 Wet Location, Select 3X-CCT and 4X-Wattages, 0-10V Dimmable, Premium Indoor Luminaire, Smart Sensor Ready.

Premium Features

Lumen Output	25000 to 32000 lumens
Efficacy	Up to 156 lm/W
Input Voltage	120-277V
Dimmable	0-10V Continuous
CCT	Select (30K, 40K, 50K)
IP Rating	IP65 Wet Location
Warranty	5 Years

Applications

Premium indoor luminaire for hanging or pendant mounting in high ceiling spaces above 25 feet. Suitable for gymnasiums, warehouses, manufacturing, packaging, storage, aisles, and covered decks.

Construction

Manufactured for durability using solid heavy duty die cast aluminum housing with anti-UV polyester coating to resist water, salt, corrosion, discoloration, and scratching. Resistant to shock and vibration. IP65 Wet Location rated for dust tight, water jets: IEC 60529.

Electrical

Input voltage 120-277V or 347-480V models with 0-10V Continuous Dimming Includes 3X-CCT and 4X-Wattage Tuning Switches. Operating temperatures -40°F to 122°F (-40°C to 50°C).

Mounting

Includes a Hook Mount standard. Optional Pendant Mount feature for conduit mounting.

Optics

Anti-UV Clear Polycarbonate Lens.

Controls

Fixture Mounted PIR Photocell, Bi-Level Dimming, and Motion Detection sensor with Remote Control.

Emergency

Externally Bracket Mounted, 90 Minute Emergency Battery Backup available.

Listings

UL certified to meet US and Canadian standards. FCC and RoHS compliant. Listed to qualify for energy-efficient LED lighting rebates.

Warranty

5 yr /50K hrs. View at: <https://falkorindustry.com/warranty/>.

Project:

Date:

Catalog No:

Prepared By:

Shown with Smart Sensor



PIR Sensor

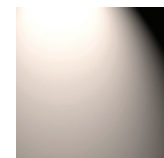
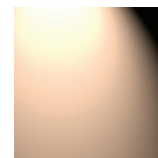


Correlated Color Temperatures (CCT)

3000K

4000K

5000K



Specifications

Energy Data

Input Voltage: 120-277V
Input Frequency: 50/60 Hz
Wattage: 4-Wattages (160W Max, 210W Max)
Power Factor: >0.9
Total Harmonic Distortion (THD): ≤15%
Operating Temperature: -40°F to 122°F (-40°C to 50°C)

Lighting Data

Lumens: 25000 to 32000 lumens
Lumens Per Watt: Up to 156 lm/W
CCT: Select (30K, 40K, 50K)
Dimmable: 0-10V
Color Rendering Index (CRI): >70
L70: 50000 hours

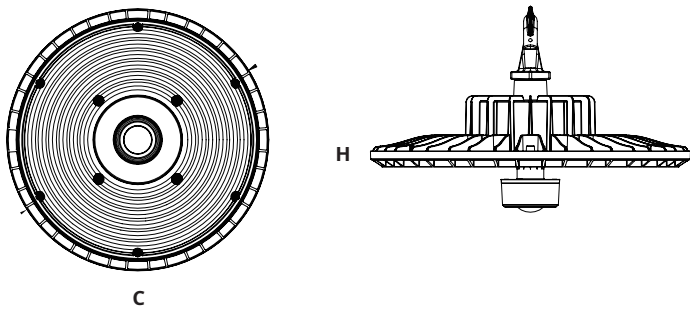
Ordering Information

Model	Wattage	Voltage	Current	Lumens	Efficacy	CCT	Beam Angle	Dimming	Color	Dimensions
MHB08 160W 3CCT	(100% 80% 60% 40%)	120-277V	1.47A@120V, 0.64A@277V	25000	156 lm/W	(3000K, 4000K, 5000K)	120°	0-10V	Black	ø 11.80"C x 7.50"H (With Mount)
MHB08 210W 3CCT	(100% 80% 60% 40%)	120-277V	1.93A@120V, 0.83A@277V	32000	152lm/W	(3000K, 4000K, 5000K)	120°	0-10V	Black	ø 14.10"C x 7.50"H (With Mount)

Sensor		Emergency	
ANT-6-4T	Aux PIR Bi-Level Dimming Sensor with Photocell	EB Box - 25W/90min	INSTALLED - External Emergency 90-min 25W Battery Backup
RC-100 Remote	Remote Control to Program Sensor		

Physical Dimensions

160W Models ø 11.80"C x 7.50"H (With Mount)



210W Models ø 14.10"C x 7.50"H (With Mount)

