

## MHB02 SERIES - LED UFO Bay Light

The MHB02 SERIES - LED UFO Bay Light, Up to 141 lm/W, IP65 Wet Location, 0-10V Dimmable, Premium Indoor Luminaire, Smart Sensor Ready.

Project:
Date:
Catalog No:
Prepared By:

### Premium Features

Lumen Output	9400 to 24500 lumens
Efficacy	Up to 141 lm/W
Input Voltage	120-277V or 347-480V
Dimmable	0-10V Continuous
CCT	4000K or 5000K
IP Rating	IP65 Wet Location
Warranty	5 Years

### Applications

Premium indoor luminaire for hanging, surface or pendant mounting in ceiling spaces less than 25 feet (Low Bay models) and high ceiling spaces above 25 feet (High Bay models). 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. 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. Operating temperatures -40°F to 131°F (-40°C to 55°C).

### Mounting

Includes a Hook Mount standard. Optional Pendant Mount feature for conduit mounting. Surface Mount Bracket available for 67W and 97W models.

### Optics

Anti-UV Frosted Polycarbonate Lens.

### Controls

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

### Listings

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

### Warranty

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

67W and 97W Models (Shown with Surface Mount)

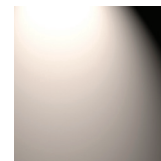


90W (480V), 100W, 140W (480V), and 180W Models



### Correlated Color Temperatures (CCT)

4000K



5000K



## Specifications

### Energy Data

**Input Voltage:** 120-277V or 347-480V

**Input Frequency:** 50/60 Hz

**Wattage:** 67W, 90W, 97W, 100W, 140W, 180W

**Power Factor:** >0.9

**Total Harmonic Distortion (THD):** ≤15%

**Operating Temperature:** -40°F to 131°F (-40°C to 55°C)

### Lighting Data

**Lumens:** 9400, 13000, 13700, 14000, 19100, 24500

**Lumens Per Watt:** Up to 141 lm/W

**Color Correlated Temperature (CCT):** 4000K, 5000K

**Dimmable:** 0-10V

**Color Rendering Index (CRI):** >70

**L70:** 50000 hours

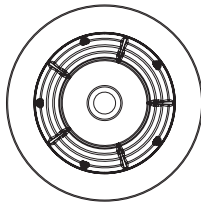
## Ordering Information

Model	Type	Wattage	Voltage	Current	Lumens	Efficacy	CCT	Dimming	Color	Dimensions	Weight
MHB02 67W-4000K	Low Bay	67W	120-277V	0.56A@120V, 0.24A@277V	9400	140 lm/W	4000K	0-10V	White	ø 13.03"C x 5.77"H (With Mount)	5.71 lbs
MHB02 67W-5000K	Low Bay	67W	120-277V	0.56A@120V, 0.24A@277V	9400	140 lm/W	5000K	0-10V	White	ø 13.03"C x 5.77"H (With Mount)	5.71 lbs
MHB02 97W-4000K	Low Bay	97W	120-277V	0.81A@120V, 0.35A@277V	13700	141 lm/W	4000K	0-10V	White	ø 13.03"C x 5.77"H (With Mount)	5.95 lbs
MHB02 97W-5000K	Low Bay	97W	120-277V	0.81A@120V, 0.35A@277V	13700	141 lm/W	5000K	0-10V	White	ø 13.03"C x 5.77"H (With Mount)	5.95 lbs
MHB02 100W-4000K	High Bay	100W	120-277V	0.83A@120V, 0.36A@277V	14000	140 lm/W	4000K	0-10V	White	ø 15.55"C x 7.08"H (With Mount)	5.95 lbs
MHB02 100W-5000K	High Bay	100W	120-277V	0.83A@120V, 0.36A@277V	14000	140 lm/W	5000K	0-10V	White	ø 15.55"C x 7.08"H (With Mount)	5.95 lbs
MHB02 140W-4000K	High Bay	140W	120-277V	1.17A@120V, 0.51A@277V	19100	136 lm/W	4000K	0-10V	White	ø 15.55"C x 7.08"H (With Mount)	9.22 lbs
MHB02 140W-5000K	High Bay	140W	120-277V	1.17A@120V, 0.51A@277V	19100	136 lm/W	5000K	0-10V	White	ø 15.55"C x 7.08"H (With Mount)	9.22 lbs
MHB02 140W [480V] 5000K	High Bay	140W	347-480V	0.40A@347V, 0.29A@480V	19100	136 lm/W	5000K	0-10V	White	ø 15.55"C x 7.08"H (With Mount)	9.22 lbs
MHB02 180W-4000K	High Bay	180W	120-277V	1.50A@120V, 0.65A@277V	24500	136 lm/W	4000K	0-10V	White	ø 15.55"C x 7.08"H (With Mount)	9.48 lbs
MHB02 180W-5000K	High Bay	180W	120-277V	1.50A@120V, 0.65A@277V	24500	136 lm/W	5000K	0-10V	White	ø 15.55"C x 7.08"H (With Mount)	9.48 lbs
MHB02 180W [480V] 5000K	High Bay	180W	347-480V	0.52A@347V, 0.29A@480V	24500	136 lm/W	5000K	0-10V	White	ø 15.55"C x 7.08"H (With Mount)	9.48 lbs

Mount	Sensor	Accessory
(Blank)	Standard Hook	BR1823
		Installed PIR Photocell + Bi-Level Dimming, and Motion Sensor
U Bracket	Surface Mount Bracket *67W, 97W models only	(Blank)
		RC-100 Remote
		Remote Control
		None

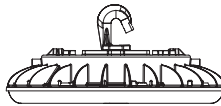
## Physical Dimensions

**67W and 97W Models** ø 13.03"C x 5.77"H (With Mount)

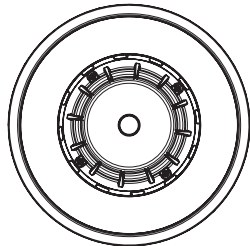


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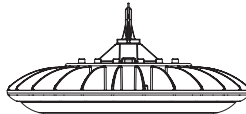


**90W (480V), 100W, 140W (480V) and 180W Models** ø 15.55"C x 7.08"H (With Mount)

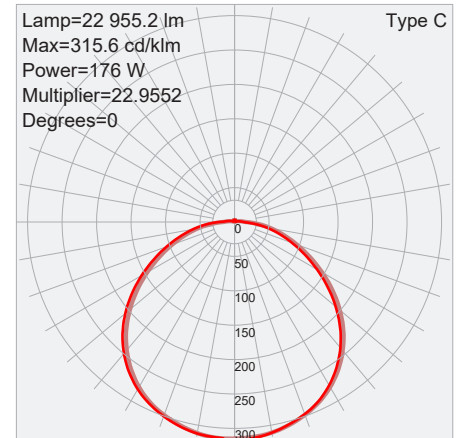


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## Photometric Characteristics



\*Example of 180W 277V

