ALTECH ELECTRONICS
The Future of Lighting

ULTRON™
LIGHTING & BEYOND

HBUFO
High Bay - Waterproof UFO

HIGH BAY WATERPROOF UFO

100W, 150W, and 240W UFO
with Mean Well driver

320W UFO with YG driver

Description

The Waterproof UFO High Bay is the most versatile fixture Altech has produced to date. With an IP67 rating, and capable of mounting on the ground and wall, the HBUFO can do it all.

DLC QPL PREMIUM LISTED · **10 YEARS WARRANTY** · **IP67** · **UL®** · **Dimmable**

Applications

Warehouse Lighting	Cold Storage	Exhibit Halls
Shopping Centers	Indoor Arenas	Gymnasiums

Details

IP Rating	IP67
Material	Die Cast Aluminum
Lens	Tempered Glass / Polycarbonate
L70 Life	100,000 Hours
Warranty	10 Years
CRI	83+
Qualification	UL, DLC Prem., FCC, CE, RoHS
Driver Man.	Mean Well and YG
Chip Man.	Philips

Electrical

Power Factor	0.99
Frequency	50/60 Hz
Max THD	15%
Operating Temp.	-40° F to 150° F
	-40° C to 65° C
Dimming	3 in 1 (Resistance, PWM, 1-10V)

| DLC #:	U-UHB-100	U-UHB-150	U-UHB-240	U-UHB-320
MODEL #:	AE-L-HBUFO-100	AE-L-HBUFO-150	AE-L-HBUFO-240	AE-L-HBUFO-320
Input Wattage:	100W	150W	240W	320W
Lumens:	13,300 lm	19,500 lm	31,200 lm	55,360 lm
Equivalent:	400W MH	1000W MH	1500W MH	2000W MH

Ordering Information

Example: AE-L-HBUFO-CPLY-150-130-50K-1-H-WP(4)-BL

Lens Type	Wtg	Lumen Package	Color Temp.	Distribution	Input Volt.	Mounting	Options	Finish
DTG - Diffused Tempered Glass*	100	130 - 130 lm/W*	30K - 3000K	1 - 120°*	1 - 100-277V*	H - Hook**	MS - Motion Sensor	BL - Black*
CTG - Clear Tempered Glass	150	165 - 165 lm/W	40K - 4000K	2 - 90°	2 - 480V	Y - Yoke***	TL - Twist Lock Plug	BZ - Bronze
CPLY - Clear Polycarbonate	240	185 - 185 lm/W	50K - 5000K*	3 - 60°		P - Pendant (Pendant type must be specified when ordering)	EI - Emergency Inverter	W - White
DPLY - Diffused Polycarbonate	320		57K - 5700K				(X)P - (X)-Pin Twist-Lock Base (X = select one: 3,5, or 7)	GR - Gray
							WP(X) - Additional Whip (X = specified length in ft.; 4' is standard)	SP - Other

*Standard   **Standard on 100W, 150W and 240W   ***Standard on 320W

Additional Notes

- Only 5000K in BLACK are in stocked locally, check for ETA's
- Step-down dimming motion sensors are for 100-277V models only
- Operating Amperage of 240W at 277V is 0.87A
- Inrush current: cold start 60A
- Hot-start delays: .08 seconds (YG driver), 1 second (Mean Well driver)
- Additional charges apply for items under "Options" column and non-standard colors
- 60° Beam angle available in clear polycarbonate lens only
- 120° Beam angle available in clear polycarbonate and tempered class lenses only
- Some models of this product may not be qualified as DLC Premium, please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which models are qualified

HIGH BAY WATERPROOF UFO
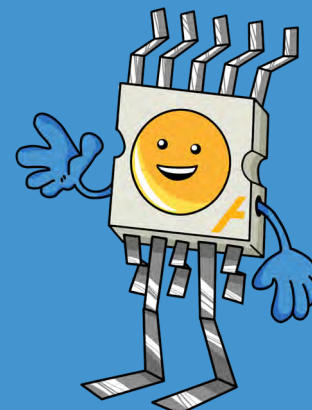
Lumen Output (based on 5700K)

System Watts	Lumens	lm/W	Lumens	lm/W	Lumens	lm/W
100	13,300	130	16,000	165	18,000	185
150	18,900	130	24,000	165	27,000	185
240	34,230	130	38,400	165	43,200	185
320	41,600	130	51,200	165	57,600	185

Fixture Dimensions and Weight
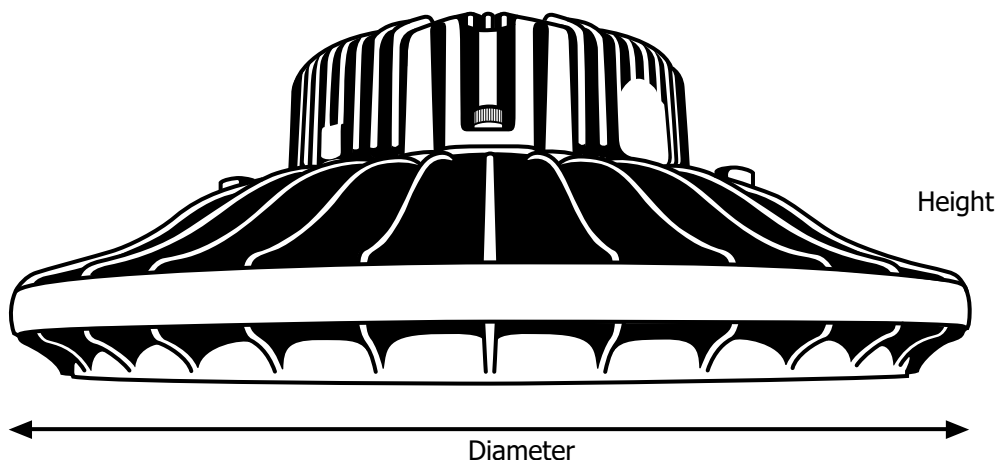
Height

Diameter

Fixture Wattage	Diameter	Height	Weight
100W and 150W	13.2 in.	6.7 in.	11.7 lb., 12.6 lb.
	335 mm.	170 mm.	5.3 kg., 5.7 kg.

Weight for 100W and 150W respectively.

Fixture Wattage	Diameter	Height	Weight
240W and 320W	19.9 in.	6.7 in.	19.8 lb., 21.6 lb.
	505 mm.	190 mm.	8.9 kg., 9.8 kg.

Weight for 240W and 320W respectively.

Accessories and Options

Multi-Level Motion Sensor (optional)

Phenix External Emergency Inverter (18470X-3) (optional)

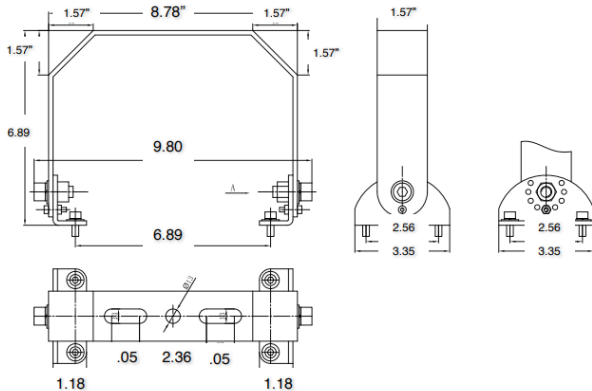YG Drivers on 60W and 320W UFOs

Opening diameter = 0.75"

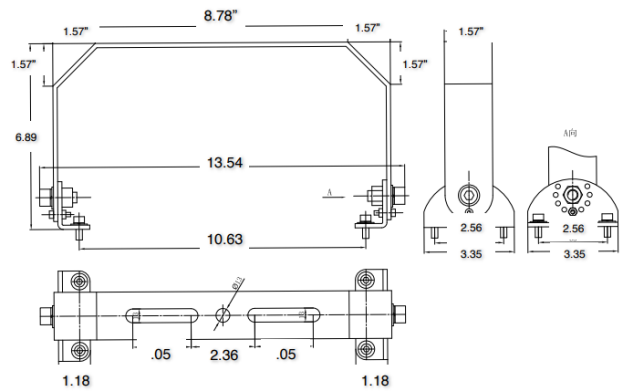Pendant Adapter (optional)

Mounting Options Supported

Bracket Installation

Hook Installation

Chain Installation

Pendant Installation
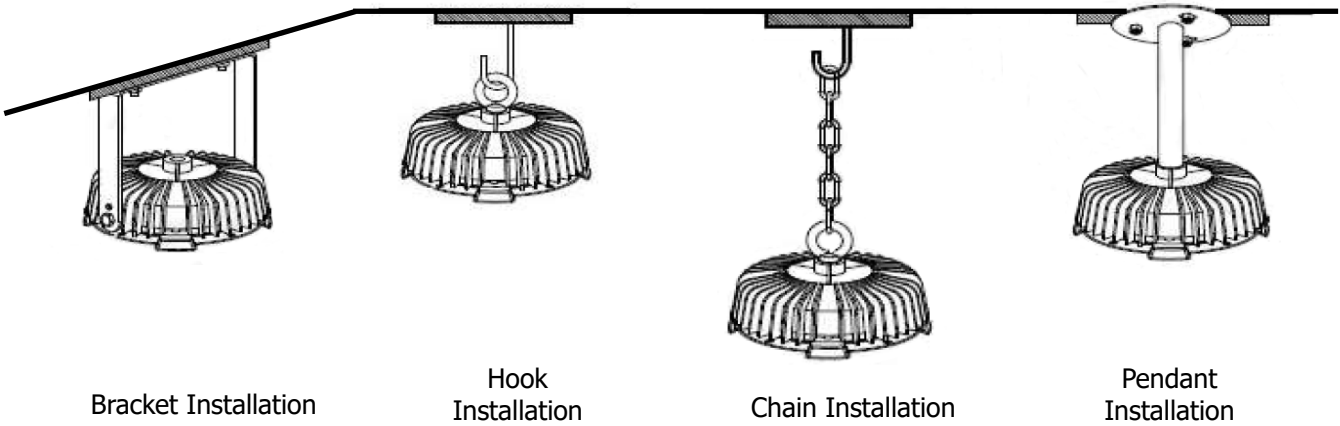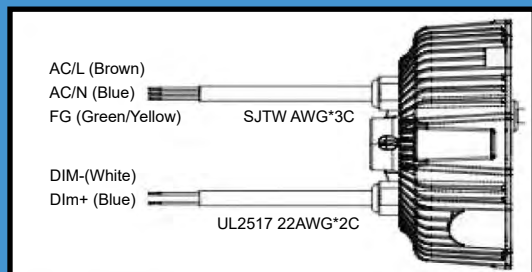
Bracket Dimensions

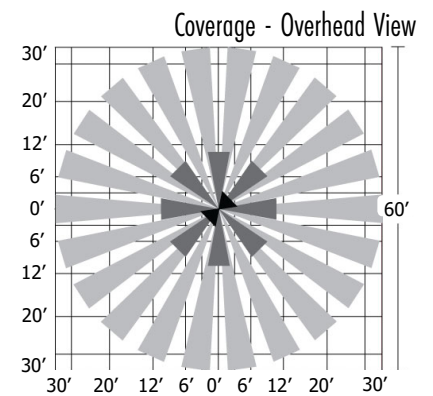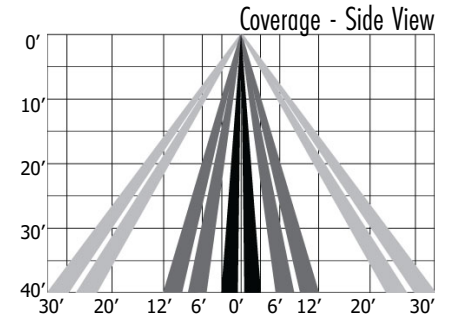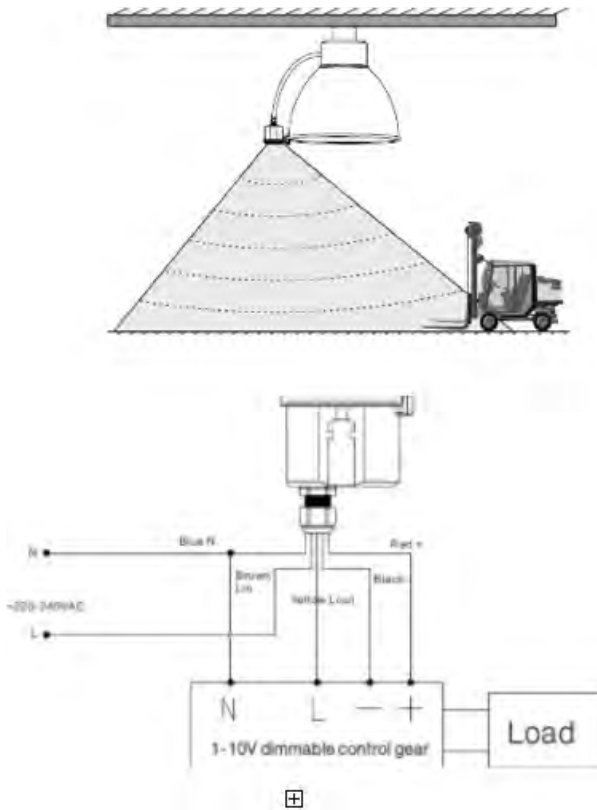### 100 & 150 Watt U-Bracket

240 & 320 Watt U-Bracket

Installation

1. Important: Shut the power down.
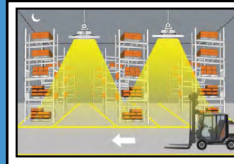
2. Hang the fixture.

3. Connect the power.

AC/L (Brown)
AC/N (Blue)
FG (Green/Yellow)   SJTW AWG*3C

DIM-(White)
DIm+ (Blue)

UL2517 22AWG*2C

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Motion Sensor

Coverage - Side View

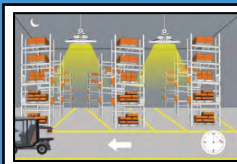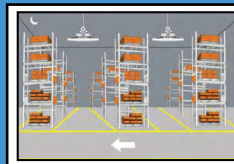### Coverage - Overhead View

Motion Detection
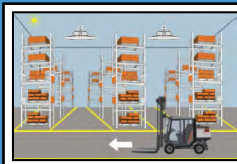
1. With sufficient ambient light, the sensor does not turn the fixture on.

2. With insufficient ambient light, the sensor turns the fixture on when motion is detected.

3. After hold time, the sensor dims the fixture to a low light level if no new motion is detected.

4. After stand-by-period, the sensor turns off the fixture if no motion is detected in its zone.

This 3-Step Dimming/Daylight Sensor, with remote, provides a simple energy-saving solution to use light only when and where you need it. The motion sensor can be mounted at a maximum of 49 feet above the ground and still detect moving objects within as 2,500 square foot area. This sensor also has a daylight sensor for even more added lighting customization and energy savings.

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