

# SYLVANIA Luminaires

## ValueLED™ UFO High Bay

Item #
Type
Project
Notes
Date

### Application

An environmentally preferable alternative to traditional luminaires and offering up to 78% energy savings, the ValueLED UFO High Bay is ideal for illuminating warehouses, gymnasiums, and other industrial applications.

### Benefits and Features

- Lightweight fixture is designed for easy and safe installation
- NSF Splash Zone rated
- Multiple mounting options for a variety of applications – pendant, hook, surface mount
- Mounting hook and mounting bracket included
- Variety of optics – polycarbonate refractor and aluminum reflector available
- IP65 rated aluminum body (finish is white)
- Tempered glass lens
- Up to 135 LPW
- 3500K, 4000K and 5000K color temperatures
- CRI >80
- Offered in 100, 150, 200, and 240 watts

### Electrical

- Designed to operate through 120-277V (UNV) or 347-480 (HUV) V<sub>AC</sub> voltage
- Power Factor >90%
- THD <20%
- 0-10V dimming
- Constant current LED driver with 4kV surge suppression

### Rated Life

- ≥150,000 hours (L<sub>70</sub>) @25°C

### Warranty

- 5-year

### Ambient Operating Range

- -40°F to +122°F (-40°C to +50°C) (100, 150 and 200W versions)
- -40°F to +113°F (-40°C to +45°C) (240W versions)

### Certifications and Listings

- cULus
- RoHS
- FCC
- NSF
- DLC Premium



### Wattage Comparison

Traditional Source	Traditional System Wattage	LED System Wattage	Energy Savings
250W MH	290	100	66%
250W HPS	295	100	66%
320W MH	370	150	59%
400W HPS	460	150	67%
400W MH	450	150	67%
750W MH	820	200	76%
750W HPS	840	200	76%
1000W MH	1080	240	78%
1000W HPS	1100	240	78%

### Installation

- Luminaire mounting options include hanging via hook, surface mounting, or pendant mounting with included mounting bracket.
- Aluminum reflector, polycarbonate refractor, and polycarbonate bottoms lens also available.
- Includes 6' power cable and 3' dimming cable.
- Polycarbonate refractor and polycarbonate bottom lens have an IK08 rating.



## Ordering Guide

UFOHIBA	1A	/	XXX	XXX	D	8	XX	/	WH	/	X
Product Name	Generation		Wattage	Voltage	Dimming	CRI	Color Temp (CCT)		Color/Finish		Options
UFOHIBA =	1A		100 = 100 Watts	UNV = 120-277V	D = 0-10V	8 = >80	35 = 3500K		WH = White		blank = no option
UFO High Bay			150 = 150 Watts	HUV = 347-480V			40 = 4000K				D = Motion/Daylight
			200 = 200 Watts				50 = 5000K				Sensor
			240 = 240 Watts								

## Ordering Information

Item Number	Ordering Abbreviation	Wattage	Input Voltage	Dimming	CRI	Color Temp	Total Fixture Lumens	Total Fixture Lumens (with Refractor Accessory)		LPW	DLC	Options	MTO*
								LPW	LPW				
61121	UFOHIBA1A/100UNVD835/WH	100	120-277	0-10	>80	3500K	13,800	133	13,100	126	Prm	–	MTO
61122	UFOHIBA1A/100UNVD840/WH	100	120-277	0-10	>80	4000K	13,800	133	13,100	126	Prm	–	
61123	UFOHIBA1A/100UNVD850/WH	100	120-277	0-10	>80	5000K	13,800	133	13,100	126	Prm	–	
61124	UFOHIBA1A/150UNVD835/WH	150	120-277	0-10	>80	3500K	20,300	135	19,200	127	Prm	–	MTO
61125	UFOHIBA1A/150UNVD840/WH	150	120-277	0-10	>80	4000K	20,300	135	19,200	127	Prm	–	
61126	UFOHIBA1A/150UNVD850/WH	150	120-277	0-10	>80	5000K	20,300	135	19,200	127	Prm	–	
61127	UFOHIBA1A/200UNVD835/WH	200	120-277	0-10	>80	3500K	26,000	130	26,000	127	Prm	–	MTO
61128	UFOHIBA1A/200UNVD840/WH	200	120-277	0-10	>80	4000K	26,000	130	26,000	127	Prm	–	
61129	UFOHIBA1A/200UNVD850/WH	200	120-277	0-10	>80	5000K	26,000	130	26,000	127	Prm	–	
61130	UFOHIBA1A/240UNVD835/WH	240	120-277	0-10	>80	3500K	31,300	132	30,300	127	Prm	–	MTO
61131	UFOHIBA1A/240UNVD840/WH	240	120-277	0-10	>80	4000K	31,300	132	30,300	127	Prm	–	
61132	UFOHIBA1A/240UNVD850/WH	240	120-277	0-10	>80	5000K	31,300	132	30,300	127	Prm	–	
61133	UFOHIBA1A/100HUV835/WH	100	347-480	0-10	>80	3500K	13,800	133	13,100	126	Prm	–	MTO
61134	UFOHIBA1A/100HUV840/WH	100	347-480	0-10	>80	4000K	13,800	133	13,100	126	Prm	–	
61135	UFOHIBA1A/100HUV850/WH	100	347-480	0-10	>80	5000K	13,800	133	13,100	126	Prm	–	
61136	UFOHIBA1A/150HUV835/WH	150	347-480	0-10	>80	3500K	20,300	135	19,200	127	Prm	–	MTO
61137	UFOHIBA1A/150HUV840/WH	150	347-480	0-10	>80	4000K	20,300	135	19,200	127	Prm	–	
61138	UFOHIBA1A/150HUV850/WH	150	347-480	0-10	>80	5000K	20,300	135	19,200	127	Prm	–	
61139	UFOHIBA1A/200HUV835/WH	200	347-480	0-10	>80	3500K	26,000	130	26,000	127	Prm	–	MTO
61140	UFOHIBA1A/200HUV840/WH	200	347-480	0-10	>80	4000K	26,000	130	26,000	127	Prm	–	
61141	UFOHIBA1A/200HUV850/WH	200	347-480	0-10	>80	5000K	26,000	130	26,000	127	Prm	–	
61142	UFOHIBA1A/240HUV835/WH	240	347-480	0-10	>80	3500K	31,300	132	30,300	127	Prm	–	MTO
61143	UFOHIBA1A/240HUV840/WH	240	347-480	0-10	>80	4000K	31,300	132	30,300	127	Prm	–	
61144	UFOHIBA1A/240HUV850/WH	240	347-480	0-10	>80	5000K	31,300	132	30,300	127	Prm	–	
61145	UFOHIBA1A/100UNVD835/WH/D	100	120-277	0-10	>80	3500K	13,800	133	13,100	126	Prm	Motion/Daylight Sensor	MTO
61146	UFOHIBA1A/100UNVD840/WH/D	100	120-277	0-10	>80	4000K	13,800	133	13,100	126	Prm	Motion/Daylight Sensor	MTO
61147	UFOHIBA1A/100UNVD850/WH/D	100	120-277	0-10	>80	5000K	13,800	133	13,100	126	Prm	Motion/Daylight Sensor	MTO
61148	UFOHIBA1A/150UNVD835/WH/D	150	120-277	0-10	>80	3500K	20,300	135	19,200	127	Prm	Motion/Daylight Sensor	MTO
61149	UFOHIBA1A/150UNVD840/WH/D	150	120-277	0-10	>80	4000K	20,300	135	19,200	127	Prm	Motion/Daylight Sensor	MTO
61150	UFOHIBA1A/150UNVD850/WH/D	150	120-277	0-10	>80	5000K	20,300	135	19,200	127	Prm	Motion/Daylight Sensor	MTO
61151	UFOHIBA1A/200UNVD835/WH/D	200	120-277	0-10	>80	3500K	26,000	130	26,000	127	Prm	Motion/Daylight Sensor	MTO
61152	UFOHIBA1A/200UNVD840/WH/D	200	120-277	0-10	>80	4000K	26,000	130	26,000	127	Prm	Motion/Daylight Sensor	MTO
61153	UFOHIBA1A/200UNVD850/WH/D	200	120-277	0-10	>80	5000K	26,000	130	26,000	127	Prm	Motion/Daylight Sensor	MTO
61154	UFOHIBA1A/240UNVD835/WH/D	240	120-277	0-10	>80	3500K	31,300	132	30,300	127	Prm	Motion/Daylight Sensor	MTO
61155	UFOHIBA1A/240UNVD840/WH/D	240	120-277	0-10	>80	4000K	31,300	132	30,300	127	Prm	Motion/Daylight Sensor	MTO
61156	UFOHIBA1A/240UNVD850/WH/D	240	120-277	0-10	>80	5000K	31,300	132	30,300	127	Prm	Motion/Daylight Sensor	MTO
61157	UFOHIBA1A/100HUV835/WH/D	100	347-480	0-10	>80	3500K	13,800	133	13,100	126	Prm	Motion/Daylight Sensor	MTO
61158	UFOHIBA1A/100HUV840/WH/D	100	347-480	0-10	>80	4000K	13,800	133	13,100	126	Prm	Motion/Daylight Sensor	MTO
61159	UFOHIBA1A/100HUV850/WH/D	100	347-480	0-10	>80	5000K	13,800	133	13,100	126	Prm	Motion/Daylight Sensor	MTO
61160	UFOHIBA1A/150HUV835/WH/D	150	347-480	0-10	>80	3500K	20,300	135	19,200	127	Prm	Motion/Daylight Sensor	MTO
61161	UFOHIBA1A/150HUV840/WH/D	150	347-480	0-10	>80	4000K	20,300	135	19,200	127	Prm	Motion/Daylight Sensor	MTO
61162	UFOHIBA1A/150HUV850/WH/D	150	347-480	0-10	>80	5000K	20,300	135	19,200	127	Prm	Motion/Daylight Sensor	MTO
61163	UFOHIBA1A/200HUV835/WH/D	200	347-480	0-10	>80	3500K	26,000	130	26,000	127	Prm	Motion/Daylight Sensor	MTO
61164	UFOHIBA1A/200HUV840/WH/D	200	347-480	0-10	>80	4000K	26,000	130	26,000	127	Prm	Motion/Daylight Sensor	MTO
61165	UFOHIBA1A/200HUV850/WH/D	200	347-480	0-10	>80	5000K	26,000	130	26,000	127	Prm	Motion/Daylight Sensor	MTO
61166	UFOHIBA1A/240HUV835/WH/D	240	347-480	0-10	>80	3500K	31,300	132	30,300	127	Prm	Motion/Daylight Sensor	MTO
61167	UFOHIBA1A/240HUV840/WH/D	240	347-480	0-10	>80	4000K	31,300	132	30,300	127	Prm	Motion/Daylight Sensor	MTO
61168	UFOHIBA1A/240HUV850/WH/D	240	347-480	0-10	>80	5000K	31,300	132	30,300	127	Prm	Motion/Daylight Sensor	MTO

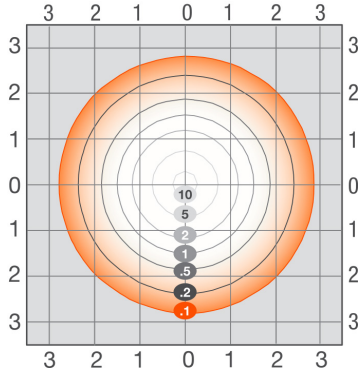
\*Made To Order

**Photometric Data**

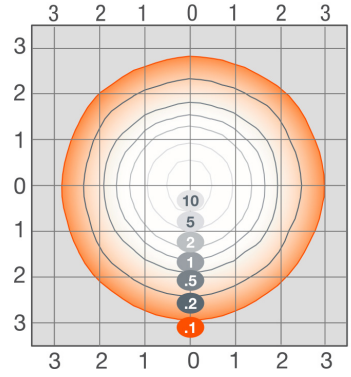
**Polycarbonate Refractor**

**Aluminum Reflector**

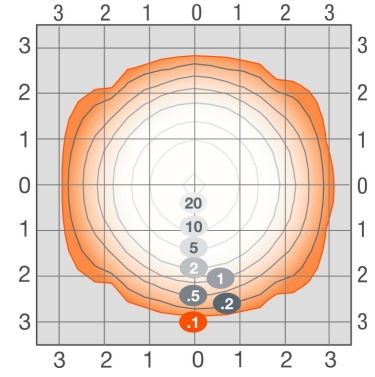
**100W**



Isofootcandle Lines at 20' Mounting Height

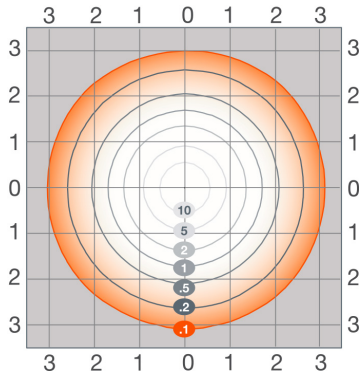


Isofootcandle Lines at 20' Mounting Height

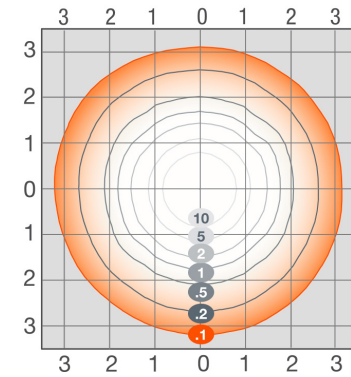


Isofootcandle Lines at 20' Mounting Height

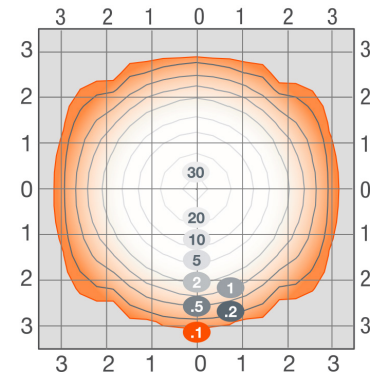
**150W**



Isofootcandle Lines at 20' Mounting Height

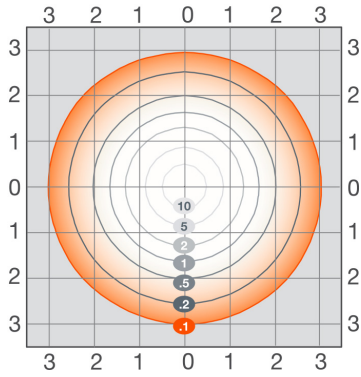


Isofootcandle Lines at 20' Mounting Height

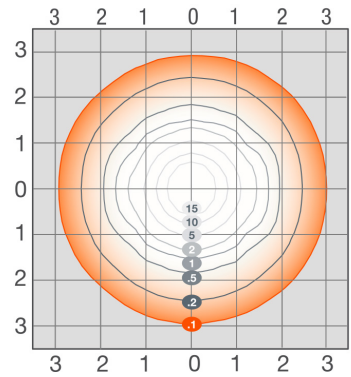


Isofootcandle Lines at 20' Mounting Height

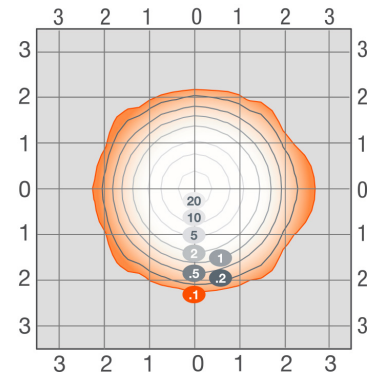
**200W**



Isofootcandle Lines at 30' Mounting Height

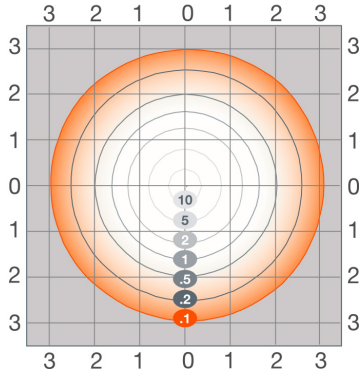


Isofootcandle Lines at 30' Mounting Height

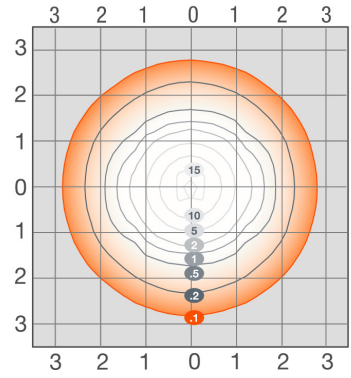


Isofootcandle Lines at 30' Mounting Height

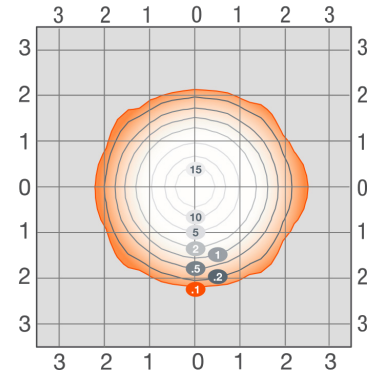
**240W**



Isofootcandle Lines at 30' Mounting Height



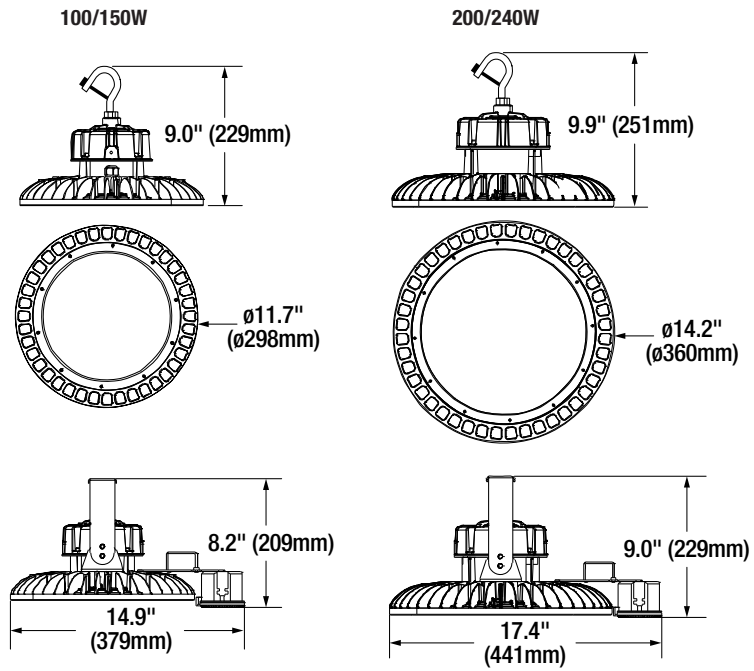
Isofootcandle Lines at 30' Mounting Height



Isofootcandle Lines at 30' Mounting Height

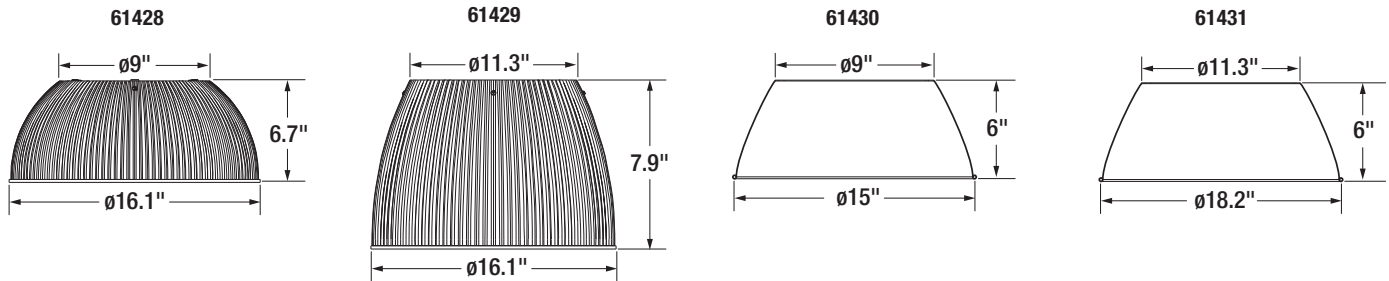
## Physical Information

Luminaire Description	Diameter	Height
100W/150W	11.7"	9.0"
200W/240W	14.2"	9.9"



## Accessories

Item Number	Ordering Abbreviation	Item Description
61428	UFOHIBA1A/PC1/T5	Polycarbonate refractor for 100 and 150W (Type V distribution with IK08 rating)
61429	UFOHIBA1A/PC2/T5	Polycarbonate refractor for 200 and 240W (Type V distribution with IK08 rating)
61430	UFOHIBA1A/AL1/90	Aluminum reflector for 100 and 150W (90° beam angle)
61431	UFOHIBA1A/AL2/90	Aluminum reflector for 200 and 240W (90° beam angle)
61432	UFOHIBA1A/BOTTOMLENS	Polycarbonate bottom lens
60105	HIBAY2A/REMOTE	Sensor Remote (functional up to 49ft (15m))



## Sensor Options Information

Motion	100% Lumen output
≥5 min no motion	30% Lumen output
≥60 min no motion	Off Lumen output

**Stand-by power:** <1W

**Detection area options:** 25%/50%/75%/100%\*

**Hold time options:** 5s/30s/1min/3min/5min/10min/20min/30min

**Daylight threshold options:** 2Lux/10Lux/30Lux/50Lux  
80Lux/120Lux/Disable

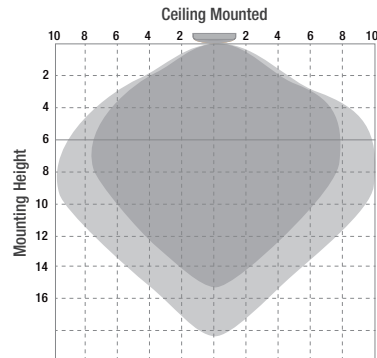
**Stand-by period options:** 0s/10s/30s/1min/5min/10min/30min/+∞

**Mounting height:** Max – 49ft (15m)

**Dimming Level:** 10%, 20%, 30%, 50%

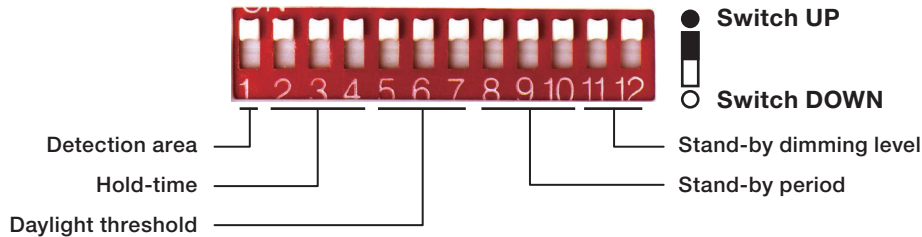
\*25% and 50% can only be accessed via the remote (NAED 60105).

## Detection Range\*



\*Dark grey denotes maximum sensitivity  
Light grey denotes decreased sensitivity  
Graph is shown at 100% detection range;  
units are shown in meters.

## DIP Switch Settings



●	100%
○	75%

### Detection area

Detection area means detection coverage. It can be adjusted by combining DIP switches for specific application.

●	●	●	5s
○	●	●	30s
●	●	○	1min
○	○	●	5min
○	●	○	10min
●	○	○	20min
○	○	○	30min

### Hold-time

Hold-time means the time period the light will be ON after the last detection.

●	●	●	0s
○	●	●	10s
●	●	○	30s
○	○	●	1min
○	●	○	5min
●	○	○	30min
○	○	○	+∞

### Stand-by period

This is the time period the light keeps dimming down after the last detection.

●	●	10%
●	○	20%
○	●	30%
○	○	50%

### Stand-by dimming level

This is the dimming level the light keeps during stand-by period.

●	●	●	Disable
○	●	●	120lux
●	●	○	80lux
○	○	●	50lux
○	●	○	30lux
●	○	○	10lux
○	○	○	2lux

### Daylight threshold

Daylight sensor prior to motion sensor. Set threshold for specific needs. If disabled, only motion sensor works.

## Remote control setting and DIP switch setting shift

If the sensor was last set by the DIP switch, all settings will follow the DIP switch setting regardless of whether any key was changed. For example: when user changes the detection range by changing switch 1 and 2, all other settings (hold time, stand-by period, daylight sensor, stand-by dimming level) will follow the DIP switch setting even though user did not change them.

If user changes any setting by remote control, the setting will be changed by the relevant button only; other settings will remain. For example: when user changes the hold time by pressing the hold time buttons, only the hold time will be changed; other settings (detection range, stand-by period, daylight sensor, stand-by dimming level) will follow the previous setting.

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Phone:	<input type="text"/>

