

# LEDVANCE Luminaires

## UFO 4A HIGH BAY

VALUE CLASS

### Application

An environmentally preferable alternative to traditional luminaires and offering up to 82% energy savings, the VALUE CLASS UFO 4A High Bay is ideal for illuminating warehouses, gymnasiums, and other industrial application.

### 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
- All fixtures ship with a sensor base and are ready to accept optional, field installable, screw-in motion/daylight sensors with no wiring required – sensor installs in seconds
- Mounting hook included
- 90° polycarbonate front lens minimizes glare
- Variety of optics – polycarbonate refractor and aluminum reflector available
- IP65 rated aluminum body (finish is white or black)
- Up to 170 LPW (200W HE)
- 4000K and 5000K color temperatures
- CRI >80
- Offered in 100, 150, 200 watts and 200W HE (High Efficiency)
- Optional field installable 40W EMBB is available
- Compatible with field installable LEDVANCE LINK™ components

### Electrical

- 120-347 (UNH) VAc
- Power Factor >80%
- THD <20%
- Dimmable (0-10V) dimming down to 10%
- 6kV Surge protection

### Rated Life

- 150,000 hours (L<sub>70</sub>)

### Warranty

- 5-year
- NLB Trusted Warranty Program

### Certifications and Listings

- cULus
- RoHS
- FCC
- NSF
- NEMA 4X
- DLC 5.1 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	200W HE	81%
1000W HPS	1100	200W HE	82%

### Ambient Operating Range

- -40°F to +122°F (-40°C to +50°C)

### Installation

- Luminaire can be hung via included hook or can be surface or pendant mounted using optional mounting brackets.
- Includes 6' power cable and 3' dimming cable.
- Aluminum reflector, polycarbonate refractor, and polycarbonate bottoms lens are available.
- Polycarbonate refractor and polycarbonate bottom lens have an IK08 rating.
- Optional wire guards are available
- Field installed sensors: Unscrew plug in the center of the lens to screw in the optional motion/daylight sensor by hand – no wiring required



LEDLUM182R4 5-24

Catalog #	Type
Project	
Comments	
Prepared by	

Ordering Guide

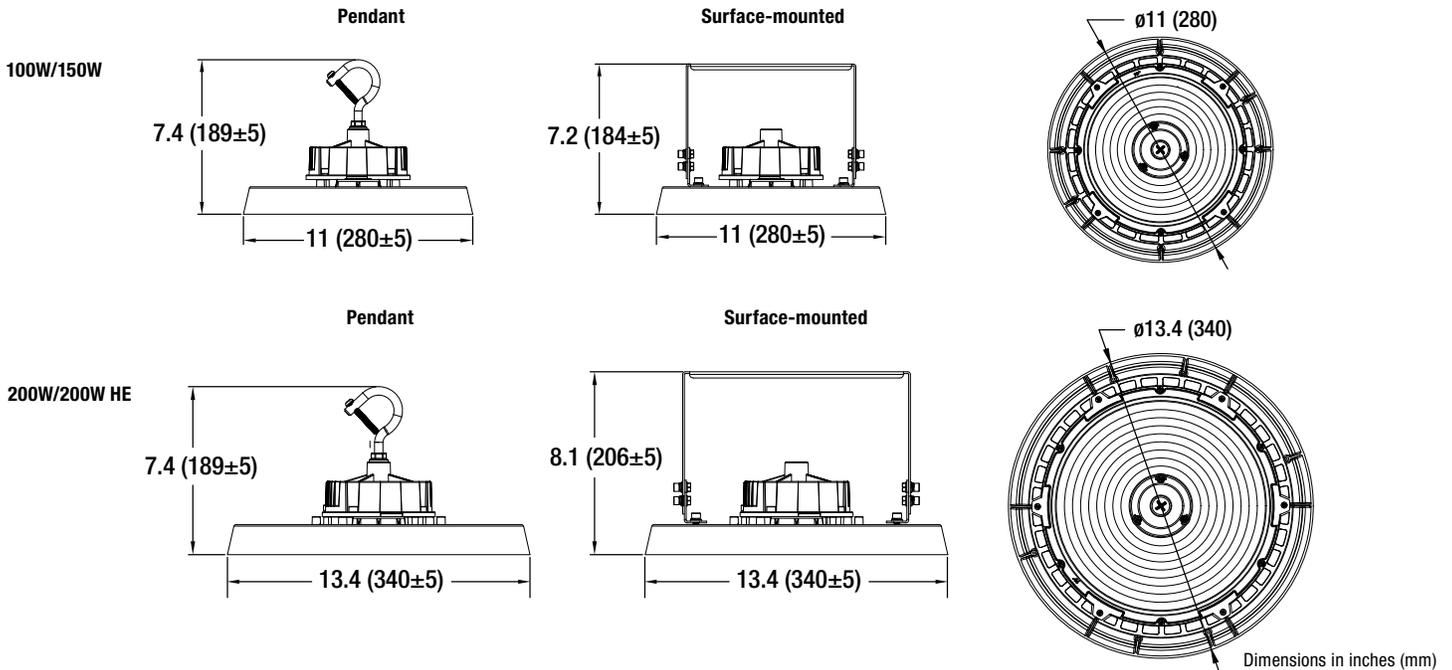
<b>UFOHIBA</b>	<b>4A</b>	<b>/</b>	<b>XXX</b>	<b>UNH</b>	<b>D</b>	<b>8</b>	<b>XX</b>	<b>/</b>	<b>XX</b>	<b>XXX</b>
Product Name	Generation		Wattage	Voltage	Dimming	CRI	Color Temp		Color/Finish	Options
UFOHIBA = UFO	4A = Generation 4A		100 = 100W	UNH = 120-347	D = 0-10V	8 = >80	40 = 4000K		WH = White	L7P = 277V Plug
High Bay			150= 150W				50 = 5000K		BL = Black	
			200= 200W							
			200HE= 200W							
			High Efficiency							

Ordering Information

Item Number	Ordering Abbreviation	Power (W)	Input Voltage (V)	Dimming	CRI	Color Temp	Total Fixture Lumens (lm)	LPW	DLC	Options
63034	UFOHIBA4A/100UNHD840/WH	100	120-347	0-10V	>80	4000K	14,000	140	5.1 Prm	-
63035	UFOHIBA4A/100UNHD850/WH	100	120-347	0-10V	>80	5000K	14,300	143	5.1 Prm	-
63036	UFOHIBA4A/150UNHD840/WH	150	120-347	0-10V	>80	4000K	21,000	140	5.1 Prm	-
63037	UFOHIBA4A/150UNHD850/WH	150	120-347	0-10V	>80	5000K	21,400	143	5.1 Prm	-
63038	UFOHIBA4A/200UNHD840/WH	200	120-347	0-10V	>80	4000K	28,000	140	5.1 Prm	-
63039	UFOHIBA4A/200UNHD850/WH	200	120-347	0-10V	>80	5000K	28,600	143	5.1 Prm	-
63040	UFOHIBA4A/200HEUNHD840/WH	200	120-347	0-10V	>80	4000K	33,600	168	5.1 Prm	-
63041	UFOHIBA4A/200HEUNHD850/WH	200	120-347	0-10V	>80	5000K	34,000	170	5.1 Prm	-
63042	UFOHIBA4A/100UNHD840/BL	100	120-347	0-10V	>80	4000K	14,000	140	5.1 Prm	-
63043	UFOHIBA4A/100UNHD850/BL	100	120-347	0-10V	>80	5000K	14,300	143	5.1 Prm	-
63044	UFOHIBA4A/150UNHD840/BL	150	120-347	0-10V	>80	4000K	21,000	140	5.1 Prm	-
63045	UFOHIBA4A/150UNHD850/BL	150	120-347	0-10V	>80	5000K	21,400	143	5.1 Prm	-
63046	UFOHIBA4A/200UNHD840/BL	200	120-347	0-10V	>80	4000K	28,000	140	5.1 Prm	-
63047	UFOHIBA4A/200UNHD850/BL	200	120-347	0-10V	>80	5000K	28,600	143	5.1 Prm	-
63048	UFOHIBA4A/200HEUNHD840/BL	200	120-347	0-10V	>80	4000K	33,600	168	5.1 Prm	-
63049	UFOHIBA4A/200HEUNHD850/BL	200	120-347	0-10V	>80	5000K	34,000	170	5.1 Prm	-
65958	UFOHIBA4A100UNHD840BLL7P	100	120-347	0-10V	>80	4000K	14,000	140	5.1 Prm	277V Plug
65959	UFOHIBA4A100UNHD850BLL7P	100	120-347	0-10V	>80	5000K	14,300	143	5.1 Prm	277V plug
65960	UFOHIBA4A150UNHD840BLL7P	150	120-347	0-10V	>80	4000K	21,000	140	5.1 Prm	277V plug
65961	UFOHIBA4A150UNHD850BLL7P	150	120-347	0-10V	>80	5000K	21,400	143	5.1 Prm	277V plug
65962	UFOHIBA4A200UNHD840BLL7P	200	120-347	0-10V	>80	4000K	28,000	140	5.1 Prm	277V plug
65963	UFOHIBA4A200UNHD850BLL7P	200	120-347	0-10V	>80	5000K	28,600	143	5.1 Prm	277V plug
65964	UFOHIBA4A200HEUNHD840BLL7P	200	120-347	0-10V	>80	4000K	33,600	168	5.1 Prm	277V plug
65965	UFOHIBA4A200HEUNHD850BLL7P	200	120-347	0-10V	>80	5000K	34,000	170	5.1 Prm	277V plug
65966	UFOHIBA4A100UNHD840WHL7P	100	120-347	0-10V	>80	4000K	14,000	140	5.1 Prm	277V plug
65967	UFOHIBA4A100UNHD850WHL7P	100	120-347	0-10V	>80	5000K	14,300	143	5.1 Prm	277V plug
65968	UFOHIBA4A150UNHD840WHL7P	150	120-347	0-10V	>80	4000K	21,000	140	5.1 Prm	277V plug
65969	UFOHIBA4A150UNHD850WHL7P	150	120-347	0-10V	>80	5000K	21,400	143	5.1 Prm	277V plug
65970	UFOHIBA4A200UNHD840WHL7P	200	120-347	0-10V	>80	4000K	28,000	140	5.1 Prm	277V plug
65971	UFOHIBA4A200UNHD850WHL7P	200	120-347	0-10V	>80	5000K	28,600	143	5.1 Prm	277V plug
65972	UFOHIBA4A200HEUNHD840WHL7P	200	120-347	0-10V	>80	4000K	33,600	168	5.1 Prm	277V plug
65973	UFOHIBA4A200HEUNHD850WHL7P	200	120-347	0-10V	>80	5000K	34,000	170	5.1 Prm	277V plug

## Physical Information

Luminaire Description	Diameter in (mm)	Height (Pendant Mount) in (mm)	Height (Surface Mount) in (mm)
100W/150W	11 (280±5)	7.4 (189 ±5)	7.2 (184±5)
200W/200W HE	13.4 (340±5)	7.4 (189 ±5)	8.1 (206±5)

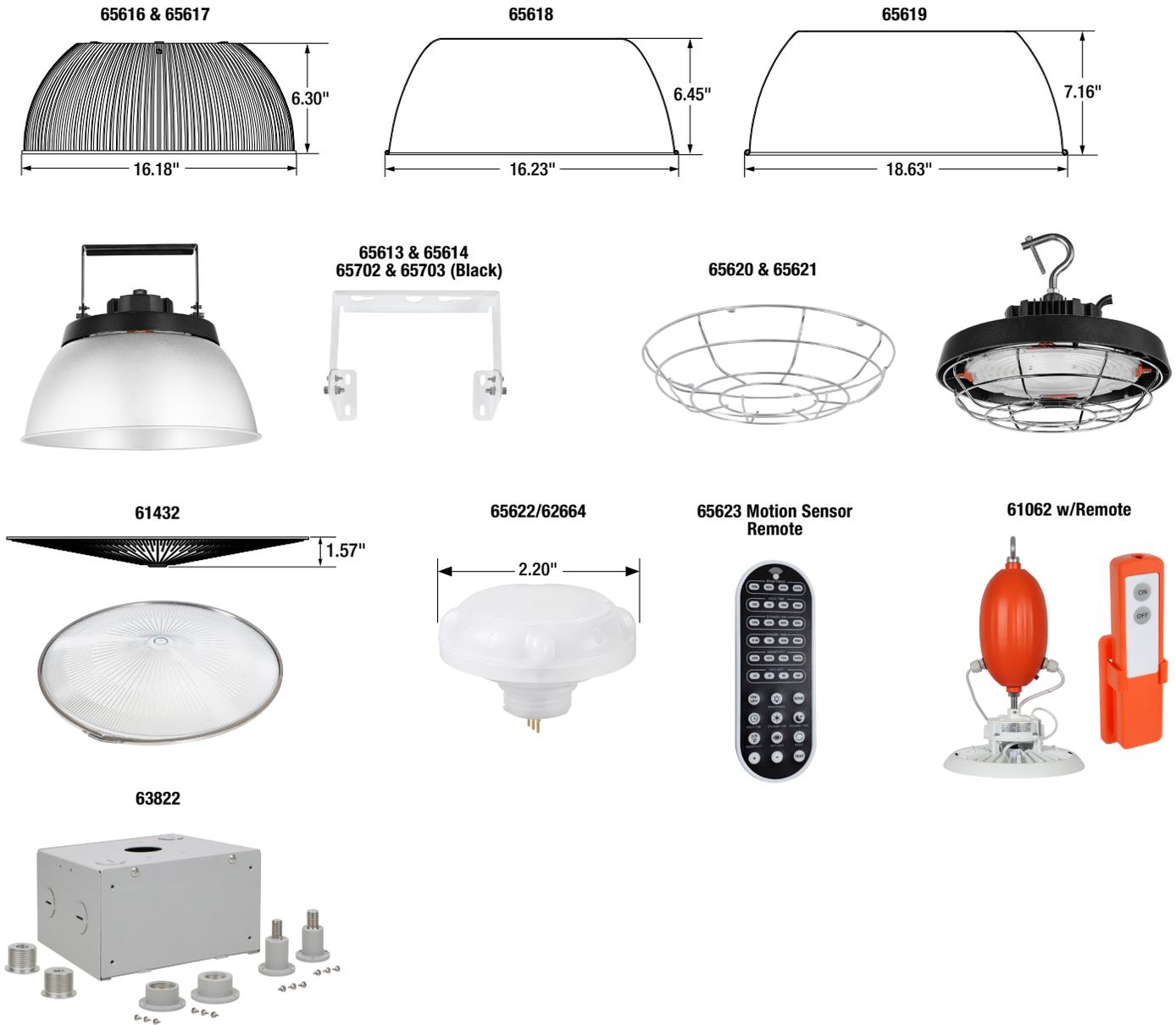


## Accessories

Item Number	Ordering Abbreviation	Item Description
65613	UFOHIBA2A/SURFPENDMNT1/WH	White Surface/Pendant Mount Bracket for 100-150W products
65614	UFOHIBA2A/SURFPENDMNT2/WH	White Surface/Pendant Mount Bracket for 200-200W HE products
65702	UFOHIBA2A/SURFPENDMNT1/BL	Black Surface/Pendant Mount Bracket for 100-150W products
65703	UFOHIBA2A/SURFPENDMNT2/BL	Black Surface/Pendant Mount Bracket for 200-200W HE products
65620	UFOHIBA2A/WG1/WH	Wire guard for 100-150W products
65621	UFOHIBA2A/WG2/WH	Wire guard for 200-200W HE products
65622	HIGHBAY/MOTIONDAYSENSOR	Field installable Microwave DC Motion/Daylight Sensor, IP65, Max. mounting height 49 ft
62664	HIGHBAY/PIR/MOTIONDAYSENSOR2	Field installable PIR DC Motion/Daylight Sensor, IP65, Max. mounting height 39 ft
65623*	REMOTE/MOTIONDAY/001	Remote control for Motion/Daylight Sensor – Remote is Required to change default settings
65616	UFOHIBA2A/PC1/90	Polycarbonate Refractor for 100-150W products, 90° distribution
65617	UFOHIBA2A/PC2/90	Polycarbonate Refractor for 200-200W HE products, 90° distribution
61432	UFOHIBA1A/BOTTOMLENS	Polycarbonate bottom lens for use with 65616 or 65617
65618	UFOHIBA2A/AL1/90	Aluminum Reflector for 100-150W products, 90° distribution
65619	UFOHIBA2A/AL2/90	Aluminum Reflector for 200-200W HE products, 90° distribution
61062	EMBB/UFO/40WDC	Field installable 40W emergency battery back-up unit, with integral junction box, providing 5600-6800 lumens (based on LPW) of light output for 90 minutes in case of power failure. All units ship with a remote control facilitating the testing of the units.
63822	UFO/JUNCTIONBOX/GRAY	UFO Junction Box, Gray

\*Required to change default settings.

**Accessories (continued)**



See page 5 for optional LEDVANCE LINK™ Accessories

**Optional Motion/Daylight Sensor Default Settings\***

<b>Detection area</b>	100%
<b>Hold time – Time fixture stays at 100% after last motion before dimming</b>	10 Minutes
<b>Daylight threshold – light level above which light will remain off</b>	50 Lux
<b>Stand-by period – Time light remains dimmed before shutting off</b>	60 Minutes
<b>Stand-by dimming – Dimming level of light during stand-by period</b>	30%

\*The default settings can only be changed using the optional remote 65623.

## Optional LEDVANCE LINK™ Accessories

Field Installable components compatible with UFO 4A HIGH BAY



### Benefits and Features

- The LEDVANCE LINK Bluetooth® Mesh Low Voltage components use Bluetooth technology for easy and secure wireless communication
- Enables regular LEDVANCE luminaires to become Bluetooth enabled and allows for luminaires to be turned on/off and dimmed (manual or auto)
- The LEDVANCE LINK Controller (62630) and Sensor (62634) require the simple adapter (63652) to screw into the UFO 4A HIGH BAY
- Components can be used up to 40ft height
- Control using either the LEDVANCE LINK smart phone app or the wireless wall switch

### Ordering Information

Item Number	Ordering Abbreviation	Description
63652	SENSORADAPTOR1A	Sensor adapter for integration of LEDVANCE LINK 3.5mm components to 3-pin sensor sockets
62630*	ADAPTER/AUX12V/BLE	Bluetooth Mesh low voltage controller – BLE enables fixture
62634*	SENSORHB/PIRAUX12V/BLE	Bluetooth Mesh low voltage sensor & controller Bluetooth – BLE enabled daylight/motion sensor
62636	WALLSWITCH5KEYBLE	Bluetooth Mesh Low Voltage 5 Button Switch

\*Requires BLE adaptor 63652

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COMMISSIONING GUIDE



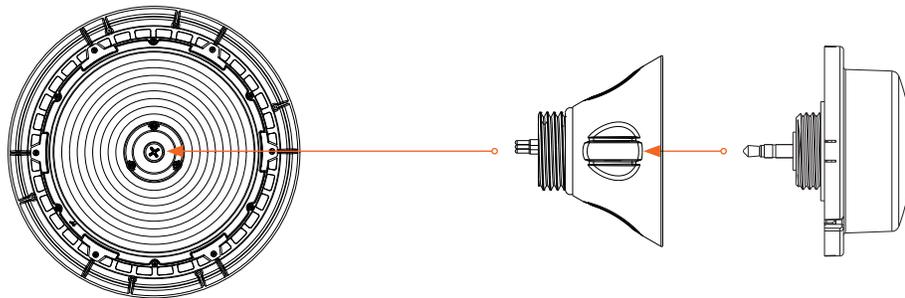
62630



62634



### Physical Information



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