

LEDVANCE LUMINAIRES

UFO HIGH BAY DUAL SELECTABLE TAA

LEDVANCE LUMINAIRE SPECIFICATION DATA

Catalog #	Comments
Project	
Type	
Prepared by	

VALUE CLASS™



APPLICATION

An environmentally preferable alternative to traditional luminaires and offering up to 75% energy savings, the Value Class UFO High Bay 5A is ideal for illuminating warehouses, gymnasiums, and other industrial applications. The dual selectable feature facilitates inventory management and allows customers to customize lighting on site with ease. TAA listing also allows for additional potential on government projects.

BENEFITS & FEATURES

- Lightweight luminaire is designed for easy and safe installation
- Multiple mounting options for a variety of applications: pendant, hook, surface mount
- 90° polycarbonate lens minimizes glare
- Variety of optics — polycarbonate refractor and aluminum reflector available
- Diecast aluminum body with molded heatsink fins ensures heat dissipation and longevity
- Up to 150 LPW
- Selectable CCT: 3500/4000/5000K
- CRI >80
- Selectable wattage: 100/150/200W | 240/280/320W
- Controls Ready: easily accepts LEDVANCE LINK™ DLC approved Networked Lighting Control or standalone controls via screw-in receptacle



ELECTRICAL

- 120-347; 277-480 V_{AC}
- Power Factor >90%
- THD <20%
- Dimmable 0-10V
- Constant current LED driver with 6kV surge suppression

OPERATING TEMPERATURE

- -40°F to +122°F (-40°C to +50°C)

RATED LIFE

- 100,000 hours (L₇₀)

CERTIFICATIONS & LISTINGS

- cULus
- RoHS
- FCC
- NSF
- DLC 5.1 Premium
- IK08
- UL Wet rated
- IP65
- NEMA 4X

WARRANTY

- 5 year
- NLB Trusted Warranty Program

INSTALLATION

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

ORDERING GUIDE

UFO	5A	/ SXXX	XXX	D	8	SC7	/ XX	DER
PRODUCT NAME	GENERATION	SELECTABLE WATTAGE	VOLTAGE	DIMMING	CRI	SELECTABLE COLOR TEMP	COLOR/FINISH	OPTIONS
UFO = UFO High Bay	5A = Generation 5A	S200 = 100/150/200W S320 = 240/280/320W	UNH = 120-347V HUV = 277-480V	D = 0-10V Dimming	8 = >80 CRI	SC7 = 3500/4000/5000K	WH = White BL = Black	DER = Sensor and Emergency Ready*

*THE "DER" MODEL MUST BE ORDERED WHEN INSTALLING A MOTION SENSOR TOGETHER WITH AN EMBB. MOTION SENSORS CANNOT BE COMBINED WITH AN EMBB FOR 320W UNH MODELS OR FOR ANY HUV MODELS.

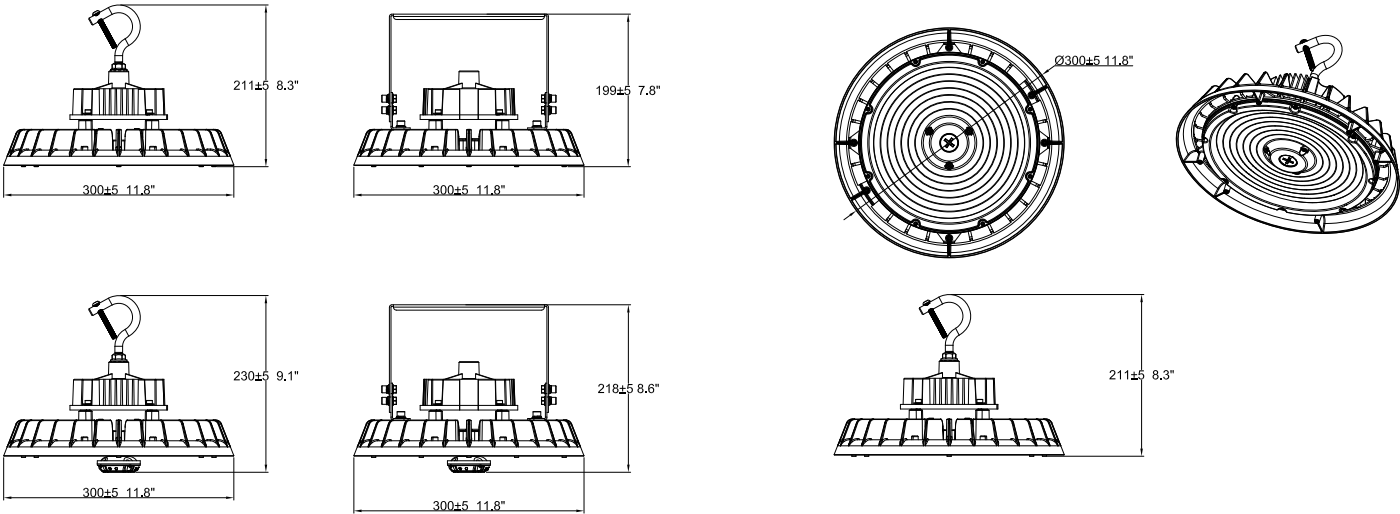
ORDERING INFORMATION

ITEM #	ORDERING ABBREVIATION	WATTAGE (W)	INPUT VOLTAGE (V)	DIM.	CRI	COLOR TEMP (CCT)	TOTAL LUMENS (LM)	DLC	LPW	FINISH
62299	UFO5A/S200UNHD8SC7/WH	100/150/200	120-347	0-10V	>80	3500/4000/5000K	15,000/22,500/30,000	5.1 Prem	Up to 150	White
62300	UFO5A/S320UNHD8SC7/WH	240/280/320	120-347	0-10V	>80	3500/4000/5000K	36,000/42,000/48,000	5.1 Prem	Up to 150	White
62301	UFO5A/S200UNHD8SC7/BL	100/150/200	120-347	0-10V	>80	3500/4000/5000K	15,000/22,500/30,000	5.1 Prem	Up to 150	Black
62302	UFO5A/S320UNHD8SC7/BL	240/280/320	120-347	0-10V	>80	3500/4000/5000K	36,000/42,000/48,000	5.1 Prem	Up to 150	Black
66061	UFO5A/S200HUV8SC7/WH	100/150/200	277-480	0-10V	>80	3500/4000/5000K	15,000/22,500/30,000	5.1 Prem	Up to 150	White
66062	UFO5A/S320HUV8SC7/WH	240/280/320	277-480	0-10V	>80	3500/4000/5000K	36,000/42,000/48,000	5.1 Prem	Up to 150	White
66063	UFO5A/S200HUV8SC7/BL	100/150/200	277-480	0-10V	>80	3500/4000/5000K	15,000/22,500/30,000	5.1 Prem	Up to 150	Black
66064	UFO5A/S320HUV8SC7/BL	240/280/320	277-480	0-10V	>80	3500/4000/5000K	36,000/42,000/48,000	5.1 Prem	Up to 150	Black
67050	UFO5AS200UNHD8SC7WHDER	100/150/200	120-347	0-10V	>80	3500/4000/5000K	15,000/22,500/30,000	5.1 Prem	Up to 150	White
67051	UFO5AS200UNHD8SC7BLDER	100/150/200	120-347	0-10V	>80	3500/4000/5000K	15,000/22,500/30,000	5.1 Prem	Up to 150	Black

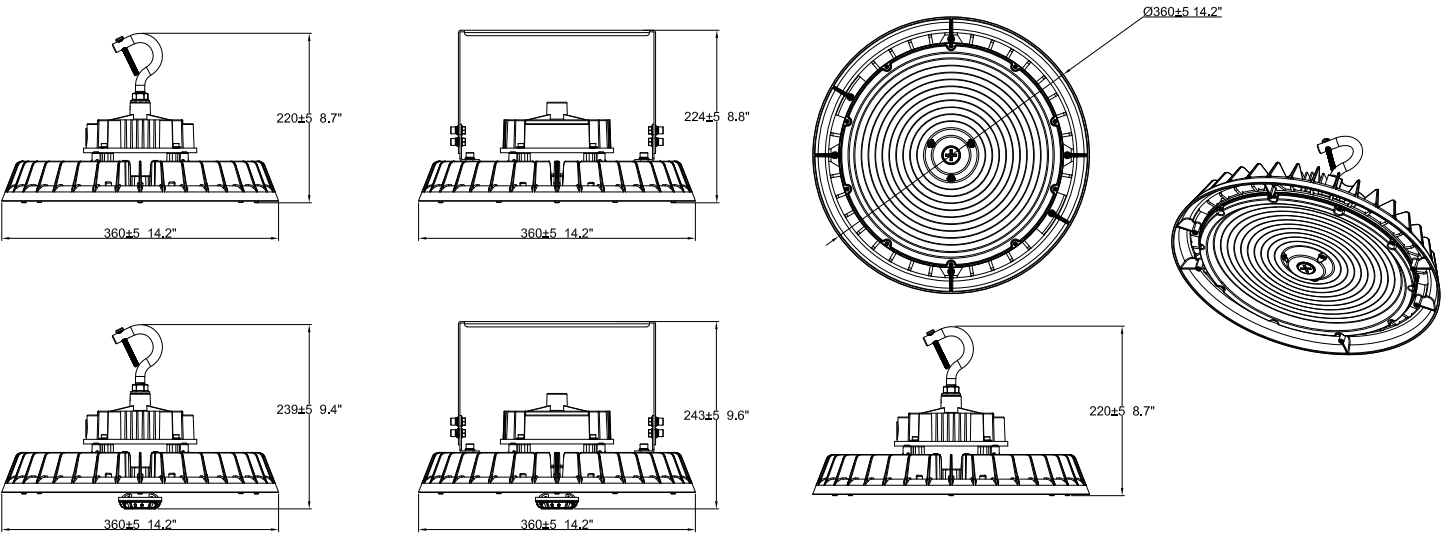
PHYSICAL INFORMATION

DESCRIPTION	DIAMETER IN (MM)	HEIGHT IN (MM)	WEIGHT LB (KG)
200W	11.8 (300)	4.8 (121.92)	5.47 (2.48)
320W	14.2 (360.68)	5 (127)	8.42 (0.82)

200W



320W



ACCESSORIES

ITEM #	ORDERING ABBREVIATION	ITEM DESCRIPTION
65613	UFOHIBA2A/SURFPENDMNT1/WH	White Surface/Pendant Mount Bracket for 200W products
65614	UFOHIBA2A/SURFPENDMNT2/WH	White Surface/Pendant Mount Bracket for 320W products
65702	UFOHIBA2A/SURFPENDMNT1/BL	Black Surface/Pendant Mount Bracket for 200W products
65703	UFOHIBA2A/SURFPENDMNT2/BL	Black Surface/Pendant Mount Bracket for 320W products
65620	UFOHIBA2A/WG1/WH	Wire Guard for 200W products
65621	UFOHIBA2A/WG2/WH	Wire Guard for 320W 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 200W products, 90° distribution
65617	UFOHIBA2A/PC2/90	Polycarbonate Refractor for 320W products, 90° distribution
61432	UFOHIBA1A/BOTTOMLENS	Polycarbonate bottom lens for use with 65616 or 65617
65618	UFOHIBA2A/AL1/90	Aluminum Reflector for 200W products, 90° distribution
65619	UFOHIBA2A/AL2/90	Aluminum Reflector for 320W products, 90° distribution
61062**	EMBB/UFO/40WDC	This EMBB can ONLY be used with the 200W UNH models (62299 and 62301). It CANNOT be used with the 320W UNH models or ANY HUV models. If a motion sensor is to be used together with the EMBB, the "DER" models 67050 or 67051 MUST be used in place of the standard NAEDs. Field installable 40W emergency battery back-up unit, with integral junction box, providing 5000 lumens of light output for 90 minutes in case of power failure. All units ship with a remote control facilitating the testing of the units.
61089***	EMBB/UFO/40WDC/HUV	This EMBB can ONLY be used with the HUV models (66061, 66062, 66063, 66064). It CANNOT be used with ANY UNH models. Motion sensors cannot be used together with the EMBB in the HUV models. Field installable 40W emergency battery back-up unit, with integral junction box, providing 5000 lumens of light output for 90 minutes in case of power failure. All units ship with a remote control facilitating the testing of the units.
63882	UFOJUNCTIONBOXGRAY	Junction Box for UFO high bays, Gray

*Required to change default settings

**For 200W UNH models only. Cannot be used with the 320W models.

***For use with 200W and 320W HUV models only.

**65613, 65614
65702, 65703 (black)**



65620, 65621



61432



65622, 62664



65623



61062



65618, 65619



65616, 65617



63882



OPTIONAL LEDVANCE LINK™ ACCESSORIES

Field Installable components compatible with UFO HIGH BAY DUAL SELECTABLE 5A



BENEFITS & 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 (75943) to screw into the UFO 5A
- Components can be used up to 40ft height
- Control using either the LEDVANCE LINK™ App or the wireless wall controller



ORDERING INFORMATION

ITEM #	ORDERING ABBREVIATION	DESCRIPTION
62634*	SENSORHB/PIRAUX12V/BLE	Bluetooth® Mesh low voltage sensor & controller Bluetooth® – BLE enabled daylight/motion sensor
75913	SENSOR2ODPIR3.5BLEBLK	Outdoor Bluetooth® Low Energy Mesh PIR sensor with controller, Plug & Play, 3.5mm AUX, Black
62630*	ADAPTER/AUX12V/BLE	Bluetooth® Mesh low voltage controller – BLE enabled fixture
75943	ADAPTER3P3.5SC	Sensor adapter for integration of LEDVANCE LINK™ 3.5mm components to 3-pin sensor sockets
75944	ADAPTER3P3.5SCBK	LINK™ 3-PIN to 3.5mm Adapter, Black
62636	WALLSWITCH5KEYBLE	Bluetooth® Mesh 5-button controller — battery operated

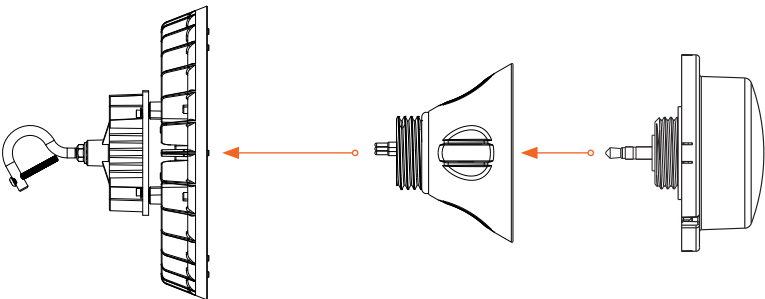
*Requires BLE adapter 75943

OPTIONAL MOTION/DAYLIGHT SENSOR DEFAULT SETTINGS FOR STAND ALONE CONTROLS

Detection Area	100%
Hold time – Time fixtures stays at 100% after last motion before dimming	10 minutes
Daylight threshold – Light level above which lights will remain off	50 Lux
Stand-by period – Time light remains dimmed before shutting off	60 minutes
Stand-by Dimming – dimming level of light during the stand-by period	30%

NOTE: The default settings can only be changed by using the optional remote 65623

PHYSICAL INFORMATION



Click or scan QR code for more information on LEDVANCE LINK™



COMMISSIONING
GUIDE



62630



62634



WATTAGE COMPARISON

TRADITIONAL SOURCE	TRADITIONAL SYSTEM WATATGE	LED SYSTEM WATTAGE	ENERGY SAVINGS
250W HPS	295	100	66%
250W MH	290	100	66%
400W HPS	460	150	67%
400W MH	450	150	67%
400W HPS	460	200	57%
400W MH	450	200	56%
750W MH	820	200	76%
750W HPS	840	240	71%
1000W MH	1080	240	78%
1000W HPS	1100	240	78%
750W HPS	840	280	67%
1000W MH	1080	280	74%
1000W HPS	1100	320	71%
1000W HPS	1100	320	71%



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