



LEDVANCE LUMINAIRES

UFO HIGH BAY OPTI-SELECT

OPTISELECT

LEDVANCE LUMINAIRE SPECIFICATION DATA

Catalog #	Comments
Project	
Type	
Prepared by	

VALUE CLASS™



APPLICATION

The first of its kind, UFO High Bay OPTI-SELECT has all the features in one product. Allowing for the ultimate selectability in one unique product, it features not only wattage and CCT selection, but also beam angle selection, so one fixture can light up any area with the flip of a switch. From warehouse aisles to open areas, this luminaire does it all.

BENEFITS & FEATURES

- Lightweight fixture is designed for easy and safe installation
- Multiple mounting options for a variety of applications — pendant, hook, and surface mount
- All fixtures ship with a pre-wired sensor base that is ready to accept an optional, field installable, screw-in motion/daylight sensor — sensor installs in seconds
- Compatible with field installable LEDVANCE LINK™ components
- OPTI-SELECT: beam angle selection of 60/90/105 degrees
- Variety of optics — polycarbonate refractor, polycarbonate bottom lens, and aluminum reflector available
- IP65 rated aluminum body
- Up to 150 LPW
- Selectable color temperature: 3500K/4000K/5000K
- CRI >80
- Selectable wattage:
 - 60/80/100W
 - 100/120/150W
 - 100/150/200W
 - 150/200/240W
 - 200/240/300W



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)
- With EMBB: 32°F to +113°F (0° to +45°C)

RATED LIFE

- 100,000 hours (L₇₀)

CERTIFICATIONS & LISTINGS

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

WARRANTY

- 5 year
- NLB Trusted Warranty Program

INSTALLATION

- Luminaire can be hung via included hook, or 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	V	/ SXXX	XXX	D	8	SC7	ADJ	/ XX
PRODUCT NAME	GENERATION	SELECTABLE WATTAGE	VOLTAGE	DIMMING	CRI	SELECTABLE COLOR TEMP	DISTRIBUTION	FINISH
UFO = UFO High Bay	V = VALUE Generation	S100 = 60/80/100W S150 = 100/120/150W S200 = 100/150/200W S240 = 150/200/240W S300 = 200/240/300W	UNH = 120-347V HUV = 277-480V	D = 0-10V Dimming	8 = >80 CRI	SC7 = 3500/ 4000/5000K	ADJ = Adjustable 60/90/105 Degrees	WH = White BL = Black

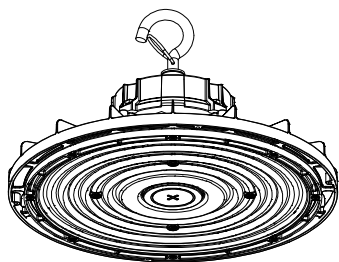
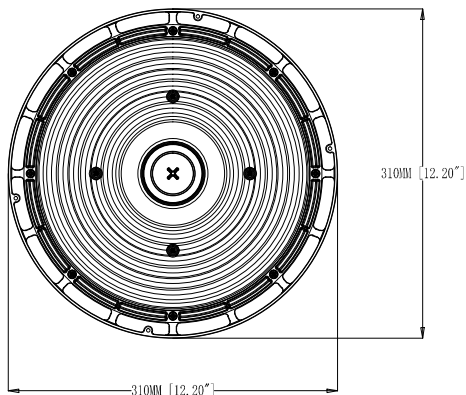
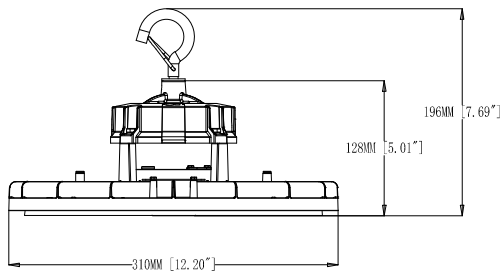
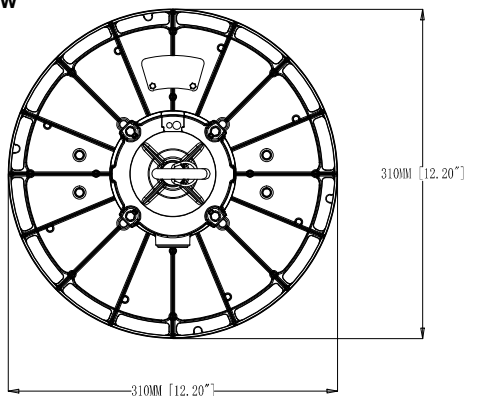
ORDERING INFORMATION

ITEM #	ORDERING ABBREVIATION	WATTAGE (W)	INPUT VOLTAGE (V)	DIM (V)	CRI	CCT	TOTAL FIXTURE LUMENS (LM)	DLC	LPW	FINISH
66486	UFOV/S100UNHD8SC7ADJ/WH	60/80/100	120-347	0-10V	>80	3500/4000/5000K	9000/12000/15000	5.1 Prem	Up to 150	White
66487	UFOV/S150UNHD8SC7ADJ/WH	100/120/150	120-347	0-10V	>80	3500/4000/5000K	15000/18000/22500	5.1 Prem	Up to 150	White
66488	UFOV/S200UNHD8SC7ADJ/WH	100/150/200	120-347	0-10V	>80	3500/4000/5000K	15000/22500/30000	5.1 Prem	Up to 150	White
66489	UFOV/S240UNHD8SC7ADJ/WH	150/200/240	120-347	0-10V	>80	3500/4000/5000K	22500/30000/36000	5.1 Prem	Up to 150	White
66490	UFOV/S300UNHD8SC7ADJ/WH	200/240/300	120-347	0-10V	>80	3500/4000/5000K	30000/36000/45000	5.1 Prem	Up to 150	White
66491	UFOV/S100UNHD8SC7ADJ/BL	60/80/100	120-347	0-10V	>80	3500/4000/5000K	9000/12000/15000	5.1 Prem	Up to 150	Black
66492	UFOV/S150UNHD8SC7ADJ/BL	100/120/150	120-347	0-10V	>80	3500/4000/5000K	15000/18000/22500	5.1 Prem	Up to 150	Black
66493	UFOV/S200UNHD8SC7ADJ/BL	100/150/200	120-347	0-10V	>80	3500/4000/5000K	15000/22500/30000	5.1 Prem	Up to 150	Black
66494	UFOV/S240UNHD8SC7ADJ/BL	150/200/240	120-347	0-10V	>80	3500/4000/5000K	22500/30000/36000	5.1 Prem	Up to 150	Black
66495	UFOV/S300UNHD8SC7ADJ/BL	200/240/300	120-347	0-10V	>80	3500/4000/5000K	30000/36000/45000	5.1 Prem	Up to 150	Black
66515	UFOV/S100HUV8SC7ADJ/WH	60/80/100	277-480	0-10V	>80	3500/4000/5000K	9000/12000/15000	5.1 Prem	Up to 150	White
66516	UFOV/S150HUV8SC7ADJ/WH	100/120/150	277-480	0-10V	>80	3500/4000/5000K	15000/18000/22500	5.1 Prem	Up to 150	White
66517	UFOV/S200HUV8SC7ADJ/WH	100/150/200	277-480	0-10V	>80	3500/4000/5000K	15000/22500/30000	5.1 Prem	Up to 150	White
66518	UFOV/S240HUV8SC7ADJ/WH	150/200/240	277-480	0-10V	>80	3500/4000/5000K	22500/30000/36000	5.1 Prem	Up to 150	White
66519	UFOV/S300HUV8SC7ADJ/WH	200/240/300	277-480	0-10V	>80	3500/4000/5000K	30000/36000/45000	5.1 Prem	Up to 150	White
66520	UFOV/S100HUV8SC7ADJ/BL	60/80/100	277-480	0-10V	>80	3500/4000/5000K	9000/12000/15000	5.1 Prem	Up to 150	Black
66521	UFOV/S150HUV8SC7ADJ/BL	100/120/150	277-480	0-10V	>80	3500/4000/5000K	15000/18000/22500	5.1 Prem	Up to 150	Black
66522	UFOV/S200HUV8SC7ADJ/BL	100/150/200	277-480	0-10V	>80	3500/4000/5000K	15000/22500/30000	5.1 Prem	Up to 150	Black
66523	UFOV/S240HUV8SC7ADJ/BL	150/200/240	277-480	0-10V	>80	3500/4000/5000K	22500/30000/36000	5.1 Prem	Up to 150	Black
66524	UFOV/S300HUV8SC7ADJ/BL	200/240/300	277-480	0-10V	>80	3500/4000/5000K	30000/36000/45000	5.1 Prem	Up to 150	Black

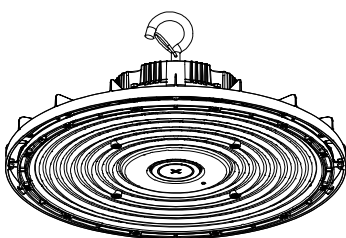
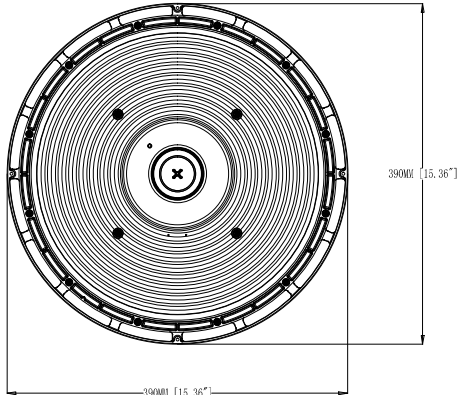
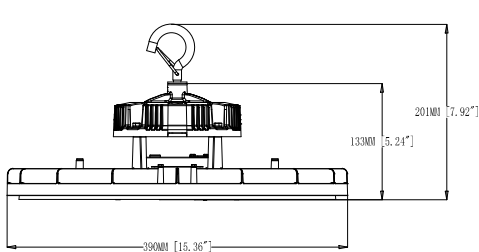
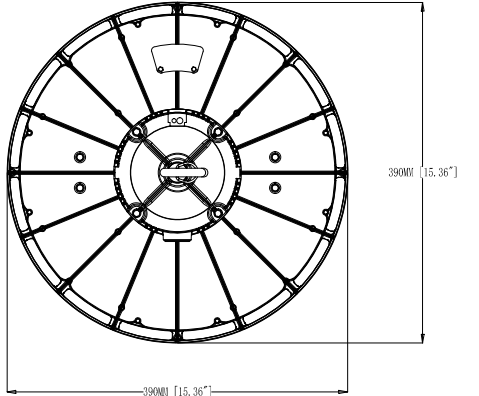
PHYSICAL INFORMATION

PRODUCT DESCRIPTION	DIAMETER IN (MM)	HEIGHT IN (MM)	WEIGHT LB (KG)
100/150/200W	12.2 (310)	5 (128)	5.4 (2.45)
240/300W	15.4 (390)	5.2 (133)	7.1 (3.2)

100/150/200W



240/300W

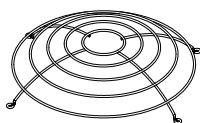
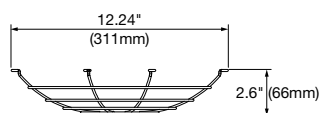


ACCESSORIES

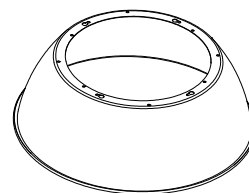
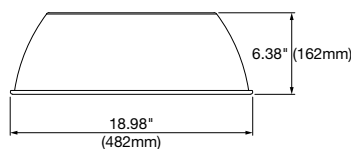
ITEM #	ORDERING ABBREVIATION	ITEM DESCRIPTION
66700	UFOV/SURFMT/WH	Surface mount; U bracket, white
66701	UFOV/SURFMT/BL	Surface mount; U bracket, black
66702	UFOV/PENDMT/WH	Pendant mount, white
66703	UFOV/PENDMT/BL	Pendant mount, black
66704	UFOV/WG1/AL	Wire guard for 100-200W, aluminum
66705	UFOV/WG2/AL	Wire guard for 240-300W, aluminum
66706	UFOV/AL1	Aluminum reflector for 100-200W
66707	UFOV/AL2	Aluminum reflector for 240-300W
66708	UFOV/PC1	Polycarbonate refractor for 100-200W
66709	UFOV/PC2	Polycarbonate refractor for 240-300W
66710	UFOV/BOTTOMLENS1	Bottom lens for use with 66708
66711	UFOV/BOTTOMLENS2	Bottom lens for use with 66709
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
61062	EMBB/UFO/40WDC	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. 120-347V
61089	EMBB/UFO/40WDCHUV	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. 277-480V
63882	UFO/JUNCTIONBOX/GRAY	UFO Junction Box, Gray; hook mounting, 1/2" or 3/4"; must be added if a longer cord is needed than the standard 6' length

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

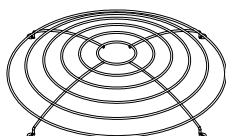
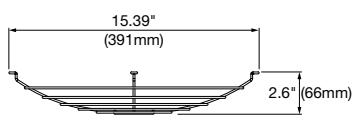
WIRE GUARD 100W, 150W, 200W



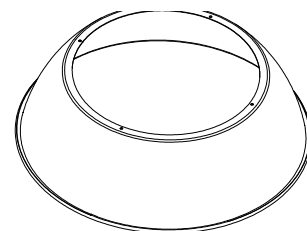
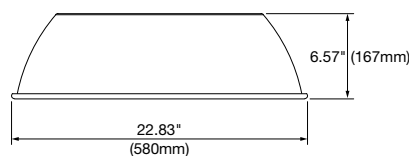
ALUMINUM REFLECTOR 100W, 150W, 200W



WIRE GUARD 240W, 300W

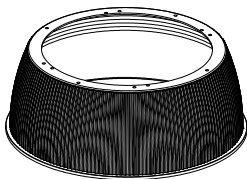
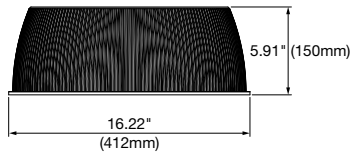


ALUMINUM REFLECTOR 240W, 300W

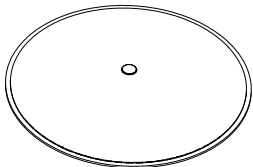
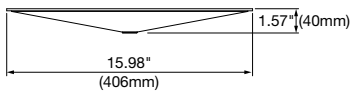


ACCESSORIES (CONTINUED)

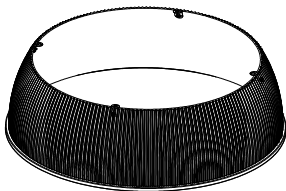
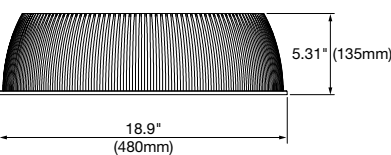
POLYCARBONATE REFRACTOR
100W, 150W, 200W



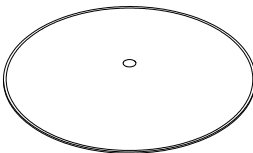
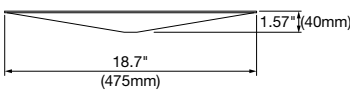
POLYCARBONATE BOTTOM LENS FOR REFRACTOR
100W, 150W, 200W



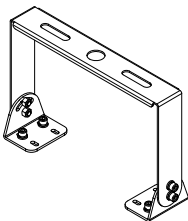
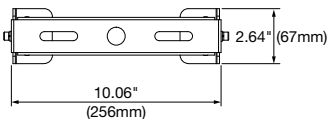
POLYCARBONATE REFRACTOR
240W, 300W



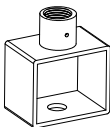
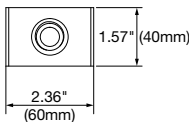
POLYCARBONATE BOTTOM LENS FOR REFRACTOR
240W, 300W



U BRACKET INSTALLATION KIT
100W, 150W, 200W, 240W, 300W



PENDANT MOUNTING BRACKET
100W, 150W, 200W, 240W, 300W



65622 & 62664



65623 SENSOR
REMOTE



61062 W/REMOTE



61089



63882

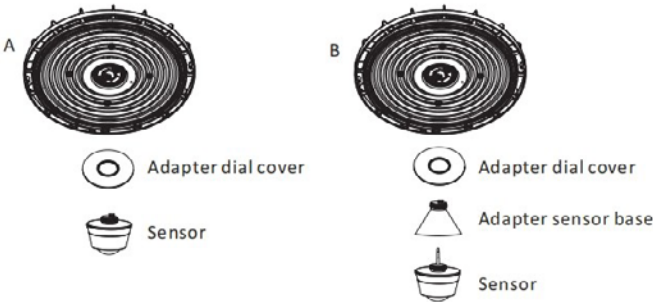


OPTIONAL MOTION/DAYLIGHT SENSOR
DEFAULT SETTINGS*

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%

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

SENSOR DIAL COVER



NOTE: Be sure to use sensor dial cover when installing sensors on luminaire.

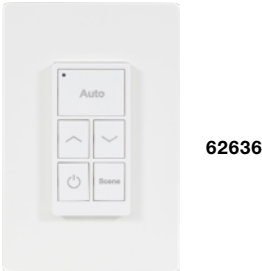
OPTIONAL LEDVANCE LINK™ ACCESSORIES

Field Installable components compatible with the UFO High Bay OPTI-SELECT



BENEFITS & FEATURES

- The LEDVANCE LINK™ Bluetooth® Mesh Low Voltage components use Bluetooth® technology for easy and secure wireless communication
- Enables indoor 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 luminaire
- 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

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



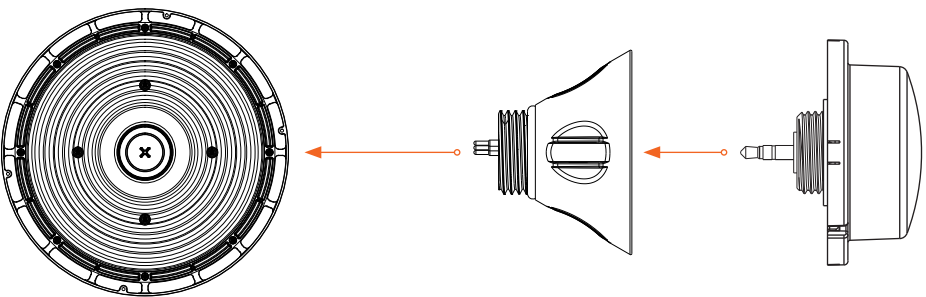
COMMISSIONING
GUIDE



62630



62634



WATTAGE COMPARISON

TRADITIONAL SOURCE	TRADITIONAL SYSTEM WATATGE	LED SYSTEM WATTAGE	ENERGY SAVINGS
100 MH	120	60	50%
150 MH	170	60	65%
150 MH	170	80	53%
175 MH	210	80	62%
250W MH	290	80	72%
250W HPS	295	100	66%
250W MH	290	100	66%
250W HPS	295	120	59%
320W MH	370	120	68%
400W HPS	460	150	67%
320W MH	370	150	59%
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	300	64%
1000W MH	1080	300	72%

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