



SMART DESIGN



UP TO 170LM/W SYSTEM EFFICACY



- Power: 60-240W, up to 1500W replacement
- System efficacy 130-140lm/w (160lm/w optional)
- 3 ways of dimming: 1-10V, DALI, Zigbee
- 60°/90°/120° beam angles available
- Anti-glare optical design
- High quality top level components
- 100-277VAC & 347-480VAC available

QUALITY, HONESTY, SERVICE AND INNOVATION

USHIBAYxxxWOHAOK

Series

LED High Bay Light

Features and Specification

Optical System

- ❖ Precision engineered individual lenses made of optical grade Mitsubishi polycarbonate for maximum light intensity.
- ❖ 60, 90 and 120 degree beam angle available, right distribution for right project.
- ❖ Delivers improved visual comfort by lower glare and providing a wider smoother and more uniform light output.
- ❖ Available in 3000K, 4000K, 5000K, 5700K, 6500K CCT.
- ❖ Efficacy 130-140lm/W(160lm/w optional), higher lumen output, precision light pattern ensure more energy saved. LEDs cover is tempered glass and PC lens optional.
- ❖ Minimum CRI of 70, CRI 80, 90 optional.
- ❖ Unique backlight design, 10% lighting on the upside optional, improving the installation time & reducing the blind area of visual field.

Electrical

- ❖ Standard universal voltage (100-240/277Vac) input, 50/60Hz. 347/480V AC Optional.
- ❖ L90 calculated life: 50,000+ hours.
- ❖ 1-10V/ PMW dimming.
- ❖ Meanwell Constant current driver, 100-277Vac, 50-60Hz.
- ❖ High efficiency driver: up to 93.5%, minimum efficiency 87.5%
- ❖ Input Surge Protection: 4kV
- ❖ Lumileds Luxeon 3030-2D chip
- ❖ Motion sensor, daylight sensor available.

Control Options

- ❖ Occupancy Control/Dali Control/1-10V Dimming Control/Zigbee Wireless Control/Daylight sensor control



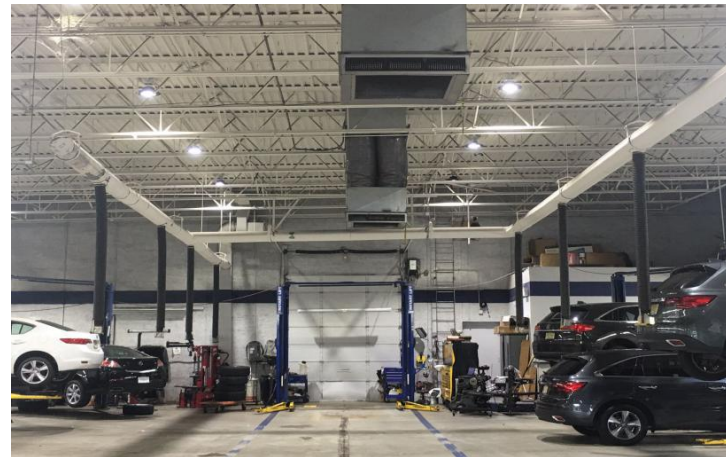
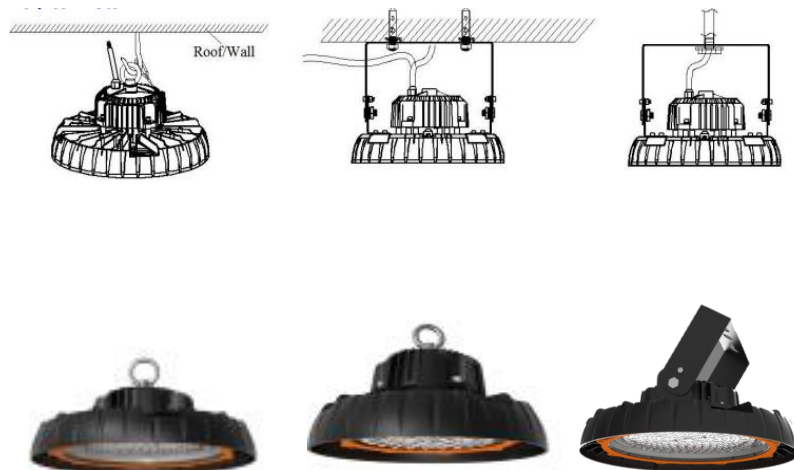
Features and Specification (Cont.)

Project Pictures

Construction

- ❖ Designed for commercial and industrial applications, providing cooler operating temperatures, brighter light and longer LED span.
- ❖ The housing is made of die-casting aluminum alloy and utilizes external fins ensure greater heat dissipation.
- ❖ Anti-corrosion coating.
- ❖ Contour design in different way, breaking routines. It add a 'lampshade' concept into the heat sink and makes the two in one seamless.
- ❖ IP 65 Waterproof, corrosion-resistant and anti-aging. The surface treatment is outdoor usage powder coating.

Way to install



Picture 1:

150W LED High Bay Project



Picture 2:

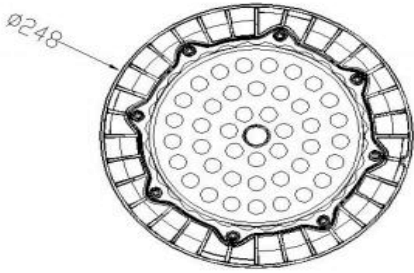
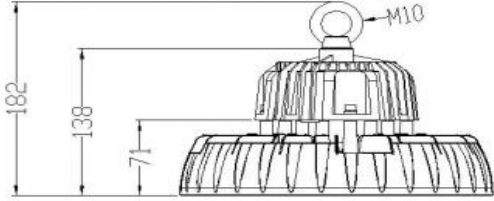
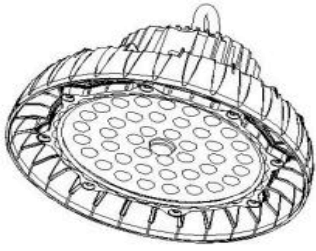
200W LED High Bay Light Project

Parameters Guide

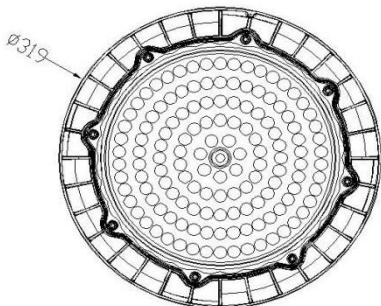
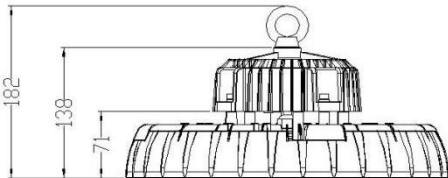
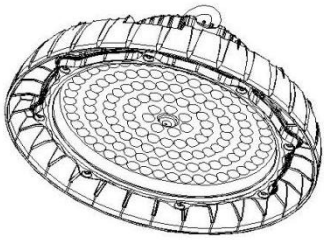
Model	Driver	Chips	Beam angle	CRI	CCT	Voltage	Finish	Lamp Cover	Options
USHIBAY60WOHAOK	Meanwell	Lumileds	60°	70	3000K	100-277 VAC	Black	PC	Photocell Motion Sensor
USHIBAY100WOHAOK		3030			4000K			OR	
USHIBAY150WOHAOK		OR	5000K						
USHIBAY200WOHAOK		Lumileds	120°	80	5700K			Glass	Zigbee
USHIBAY240WOHAOK		5050	90	6500K					

Wattage	60W/100W		150W		200W/240W	
LED Chip	3030	5050	3030	5050	3030	5050
LED Chip Quantities	154pcs.	84pcs.	252pcs.	126pcs.	385pcs.	196pcs.

Dimension for 60W and 100W

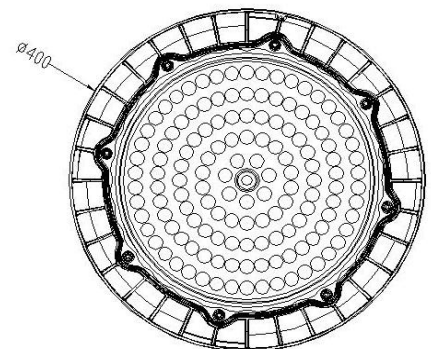
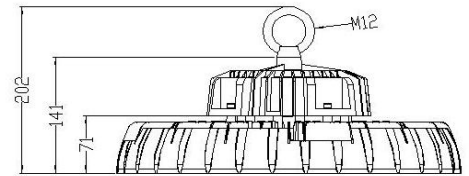
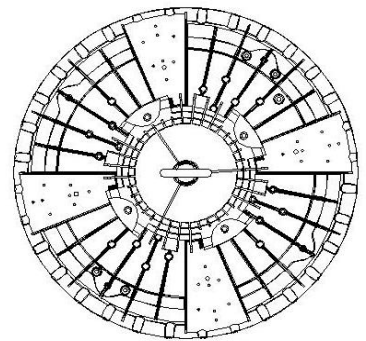


Dimensions for 150W



Wattage	60W/100W	150W	200W/240W
Dimension	$\varnothing 248 \times 138$ mm	$\varnothing 319 \times 138$ mm	$\varnothing 400 \times 141$ mm
	9.7*5.4 inches	12.6*5.4inches	15.7*5.6 inches
Net Weight	2.9kg	4.6kg	6.2kg
Carton Dimension	310*310*227 mm	380*380*227m m	460*460*227 mm
Gross Weight	4.5kg	6.4kg	8.2kg

Dimensions for 200W/240W

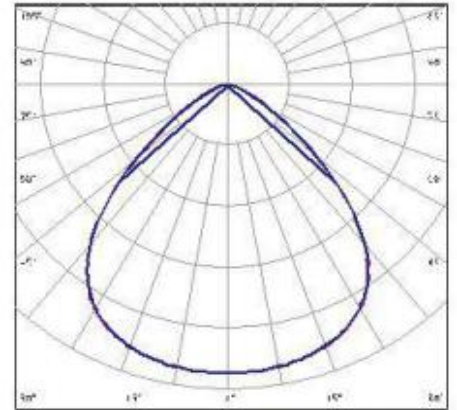
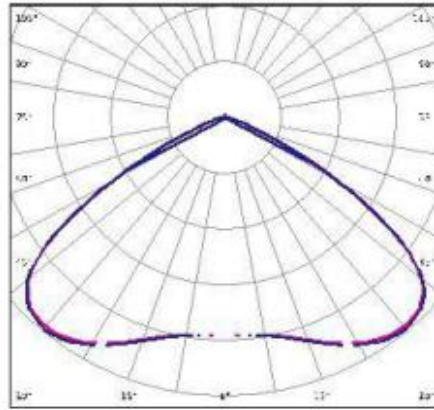
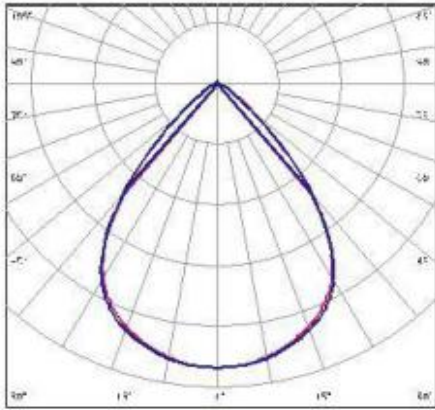


Performance

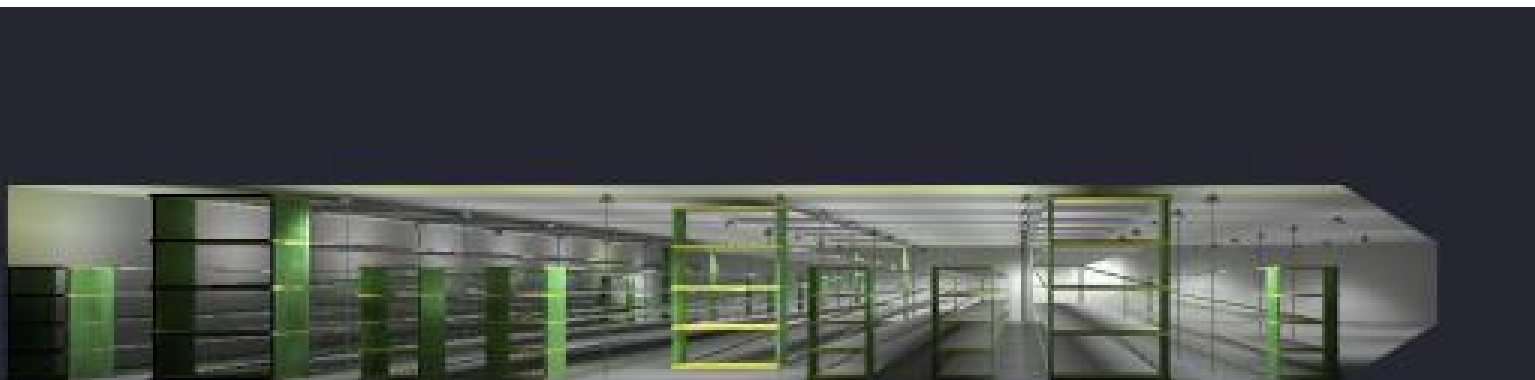
Model	LED Cover Type	LED Chip	Delivered Lumen (lm)	Efficacy (lm/W)
USHIBAY60WOHAOK	PC	Lumileds 3030	8,700	145
		Lumileds 5050	9,900	165
	Glass	Lumileds 3030	8,100	135
		Lumileds 5050	9,000	150
USHIBAY100WOHAOK	PC	Lumileds 3030	14,500	145
		Lumileds 5050	16,500	165
	Glass	Lumileds 3030	13,500	135
		Lumileds 5050	15,000	150
USHIBAY150WOHAOK	PC	Lumileds 3030	21,750	145
		Lumileds 5050	24,750	165
	Glass	Lumileds 3030	20,250	135
		Lumileds 5050	22,500	150
USHIBAY200WOHAOK	PC	Lumileds 3030	29,000	145
		Lumileds 5050	33,000	165
	Glass	Lumileds 3030	27,000	135
		Lumileds 5050	30,000	150
USHIBAY240WOHAOK	PC	Lumileds 3030	34,800	145
		Lumileds 5050	39,600	165
	Glass	Lumileds 3030	32,400	135
		Lumileds 5050	36,000	150

Light Distribution Patterns

60/90/120 degree for PC Cover, Glass Cover 120 degree available.



Lighting Simulation: Side View



Front View

