

ARCADIA 2™

Bubble



Beyond LED's New ARCADIA 2 Bubble LED UFO High-Bay is the newest and most feature rich product of 2024. This ARCADIA 2 Bubble LED UFO High-Bay fixture offers High Lumens per Watt for maximum savings and rebates. The ARCADIA 2 Bubble LED UFO High-Bay is built to last with surge protection, -40°F ambient temperature rating and IP65 rating for elimination of dust, moisture and airborne contaminants. The unique easy connect driver to optical assembly interface allows for quick and easy maintenance. Applications including warehousing, gymnasiums, manufacturing and outdoor canopies. Our Arcadia 2 Bubble High Bay is fully ready to integrate with most smart control systems.

Product Features

- Up to 170 lumens per watt
- Input Voltage 120-277V
- Wattage Adjustable 120W / 200W / 240W
- Optional PIR sensor
- Optional Emergency backup
- High power factor, low THD driver with 6KV surge protection
- IP65 Rated
- UL & DLC listed
- 5 Year warranty

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SKU #	Model #	Wattage Adj.	Lumens	CCT	Housing Color	Dimming	Input Voltage	Certifications
156845	BLT-HBG240WSCSDUVSH	150W/200W/240W	40800Lm	5000K	Black	0-10V	120-277Vac	UL & DLC

SKU: 156845

Specifications

Parameter	Description	Value
General Performance	Model #	BLT-HBG240WSCSDUVSH
	Wattage Adjustable	150W / 200W / 240W
	Lumens	Up to 40800LM
	Lumen Efficacy	Up to 170LM/W
	Color Temperature	5000K
	CRI (Ra)	>80
	Beam Angle	120° Beam Angle
	Diffuser Type	PC Lens
Electrical	Flicker	Flicker Free
	Driver Model	SS-240CNL-E260BHB
	Input Voltage	120-277Vac
	Frequency	50/60Hz
	Dimming	0-10V Dimmable
	Power Factor	>0.9
Physical	Driver Surge Protection	6KV
	Flicker Percent	Flicker Free
	Operating Temperature	-40°C - 50°C
	LED Brand	Nationstar
	LED Type	SMD2835
	LED QTY	675 Pcs
	Housing	Die-cast Alumium
Qualification	Housing Color	Black
	IP Rating	IP65
	Warranty	5 Year

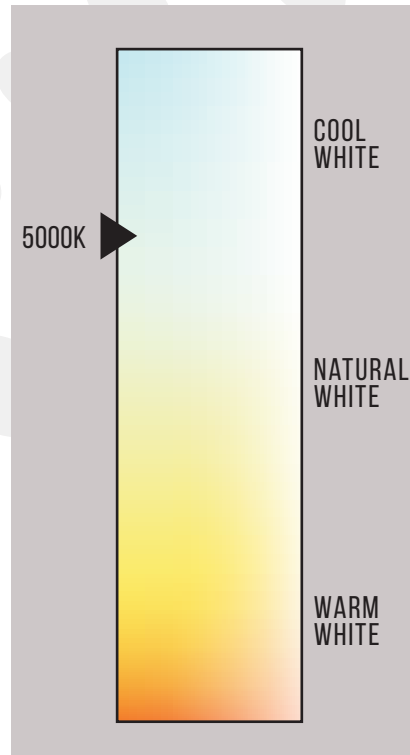
LED UFO HIGH BAY



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Correlated Color Temperature (CCT)



Mounts & Brackets (Optional)

Field-Installable (field-installable purchased separately)

	XUB-HBA-B Small Size U Bracket for XHBG150WS~240WS4		XSR-0.3M 0.3m Safety Rope
	XSSHCC-0.5M 0.5m Stainless Steel Hang Chains with 2pcs Carabiner		XWEM10TENPS3/4A-RHB External Threads M10 to External Threads 3/4" NPS Adapter Wiring for XHBG150WS~240WS4
	O Hook Mount		

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Optional Accessories

Sensor

Factory-Installable OR Field-Installable (field-installable purchased separately)

	HDO9VR-PH Screw-in PIR Sensor		HDO9VR-PHB Screw-in PIR Sensor (Networking Wireless Control Version)
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Field-Installable / Field-Use ONLY (purchased separately)

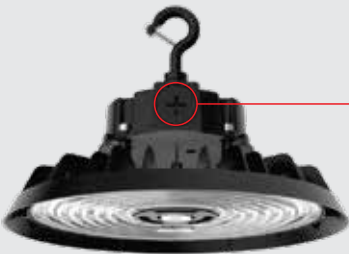
	HD06R Remote Control
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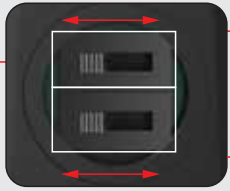
Battery Backup

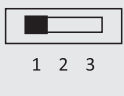
Factory-Installable OR Field-Installable (field-installable purchased separately)

	XEBB01-25WAC Emergency Battery Backup EMUFO-25170-YY II -25W/90min, for XHBG150WS, at AC120-277/347V		XEBB02-40WAC Emergency Battery Backup EMUFO-40170-YY II -40W/90min, for XHBG200WS~240WS4, at AC120-277/347V
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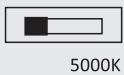
Wattage Selection & CCT Selection Capability







1 2 3



5000K

Power Setting

Size	Power Selection	Default Setting
Small	Adjust power between 150/100/80W	150W
	Adjust power between 200/150/100W	200W
Large	Adjust power between 240/200/150W	240W
	Adjust power between 240/200/150/100W	

CCT Setting

5000K default setting.

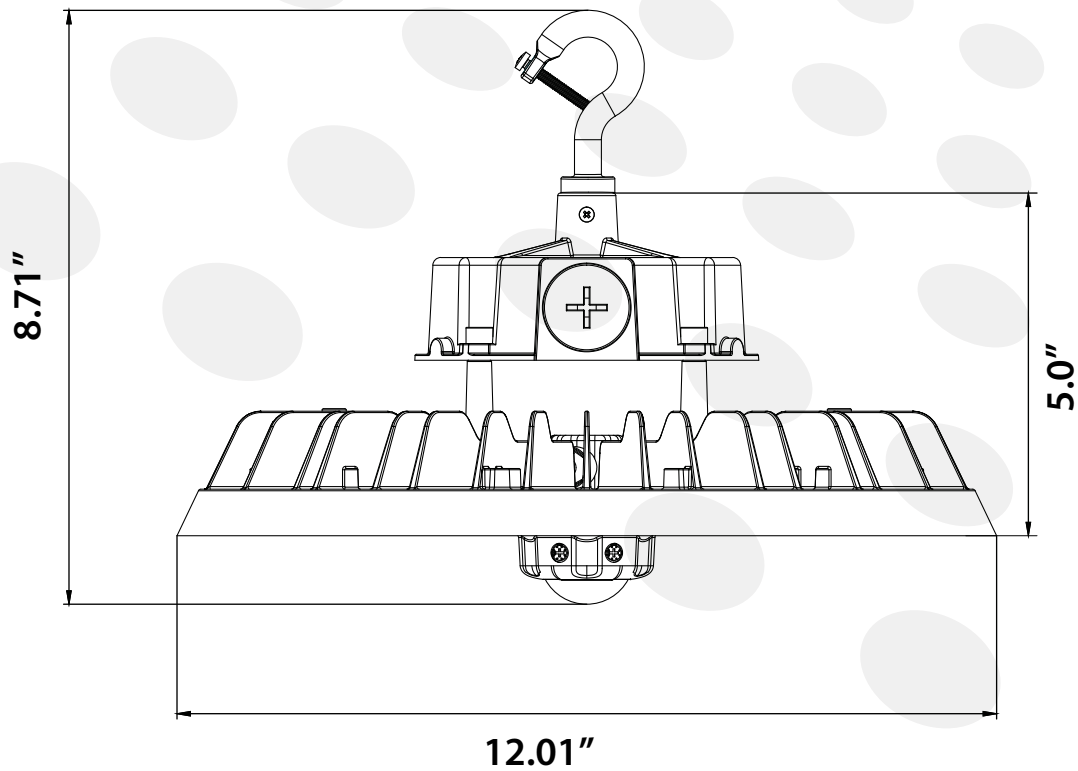


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Dimensions

G Hook Mount

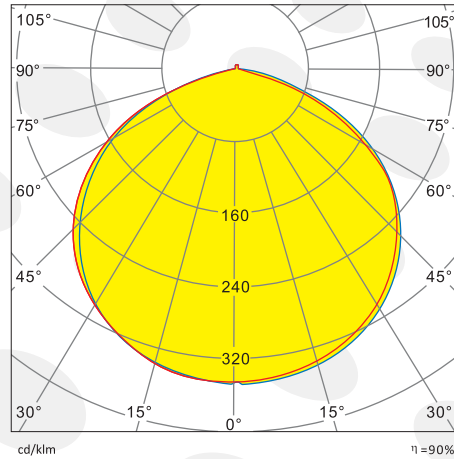


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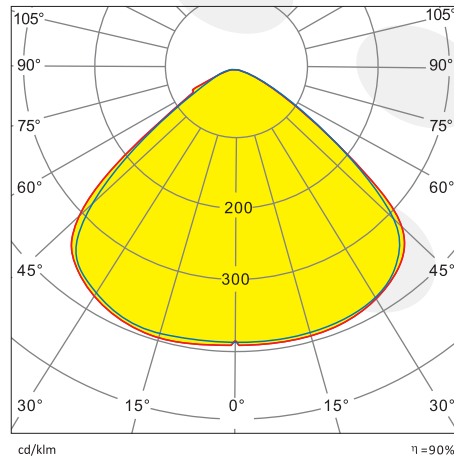
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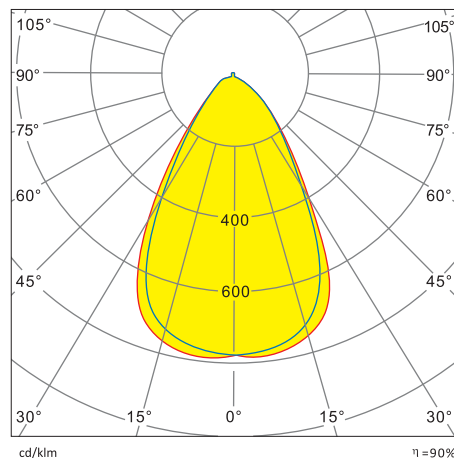
Photometric



Wide



Medium (Standard)



Narrow



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Installation

Upon receipt of fixture, thoroughly inspect for any freight damage. All damage should be reported to the delivery carrier. Compare the catalog description listed on the packing slip with the fixture label on the inside of the housing to be sure you have received the correct merchandise.

READ AND FOLLOW THESE SAFETY INSTRUCTIONS!

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards please read all warnings and instructions included with and on the fixture box and all fixture labels.
- Before installing, servicing, or performing routine maintenance on this equipment, follow these general precautions.
- Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.
- For Residential installation: If you are unsure about the installation or maintenance of the luminaires, consult a qualified licensed electrician and check your local electrical code.
- Maintenance of the luminaires should be performed by person(s) familiar with the luminaires' construction and operation and any hazards involved. Regular fixture maintenance programs are recommended.
- This fixture is intended to be connected to a properly installed and grounded UL listed junction box.
- It will occasionally be necessary to clean the outside of the refractor/lens. Refractor/lens should be washed in a solution of warm water and any mild, non-abrasive household detergent, rinsed with clean water and wiped dry. Should optical assembly become dirty on the inside, wipe refractor/lens and clean in above manner, replacing damaged gaskets as necessary.
- DO NOT INSTALL DAMAGED PRODUCT! This luminaire has been properly packed so that no parts should have been damaged during transit. Inspect to confirm.
- Any part damaged or broken during or after assembly should be replaced.
- These instructions do not purport to cover all details or variations in equipment nor to provide every possible contingency to meet in connection with installation, operation, or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's or owner's purposes, this matter should be referred to manufacturer.

WARNING RISK OF ELECTRIC SHOCK

- Disconnect or turn off power before installation or servicing.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- Make all electrical and grounded connections in accordance with the National Electrical Code (NEC) and any applicable local code requirements.
- All wiring connections should be capped with UL approved wire connectors.

CAUTION RISK OF INJURY

- Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.
- Avoid direct eye exposure to the light source while it is on.
- Use only lamps that comply with ANSI standards.

CAUTION RISK OF FIRE

- Keep combustible and other materials that can burn, away from lamp/lens.
- Do not operate in close proximity to persons, combustible materials, or substances affected by heat.

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Installation

CAUTION RISK OF PRODUCT DAMAGE

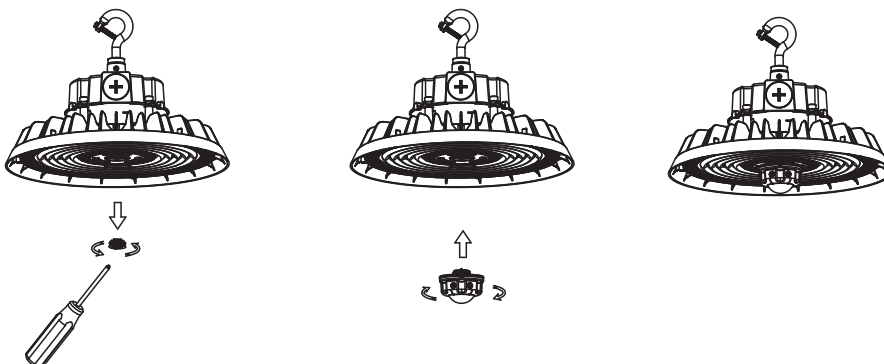
- Never connect components under load.
- Do not mount or support these fixtures in a manner that can cut the outer jacket or damaged wire insulation.
- Unless individual product specifications deem otherwise: Never connect an LED product directly to dimmer packs, occupancy sensors, timing devices, or other control devices. LED fixtures must be powered directly off a switched circuit.
- Unless individual product specifications deem otherwise: Do not restrict fixture ventilation. Allow for some volume of airspace around the fixture. Avoid covering LED fixtures with insulation, foam, or other material that will prevent convection or cooling.
- Unless individual product specifications deem otherwise: Do not exceed fixtures' maximum ambient temperature.
- Only use the fixture in its intended location.
- LED products are polarity sensitive. Ensure proper polarity before installation.
- Electrostatic Discharge (ESD): ESD can damage LED fixtures. Personal grounding equipment must be worn during all installation or servicing of the unit.
- Do not touch individual electrical components as this can cause ESD, shorten lamp life, or alter performance.
- Some components inside the fixture may not be serviceable. If your unit requires service, stop using the unit immediately and contact a manufacture representative for assistance.
- Changes or modifications not expressly approved by manufacturer will void the product warranty.
- Always read the fixtures' complete installation instructions prior to installation for any additional fixture-specific warnings.

PACKAGE

1. LED UFO High Bay Light.
2. Installation Instruction.
3. Installation hardware.

Sensor Installation

1. Remove the plug with a Phillips screwdriver.
2. Complete the sensor installation by rotating.





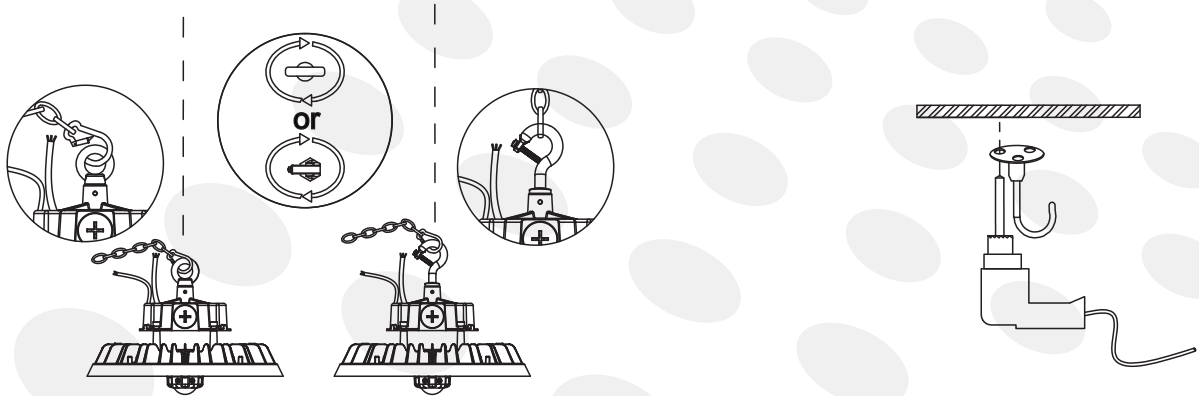
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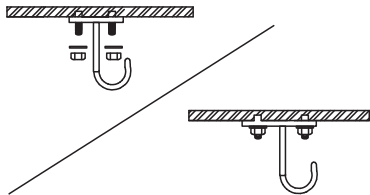
Installation

» Installation Instructions

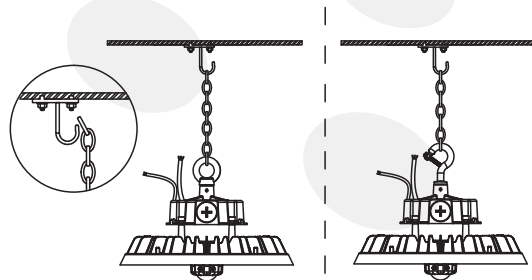
- Suspended Installation (Note: The chain is sold separately)



1. First fix the hook on the lamp (rotate clockwise), then connect the hook with the lock ring.

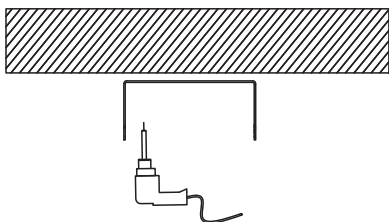


2. Use electric drill to bore a hole on the wall.

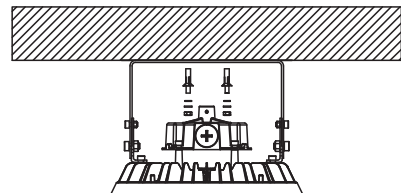


3. Fix the hanger on the wall with screws.

• Ceiling Installation



4. Fix one end of the chain to the wall, another end to the O/G hook from light, finish the installation.



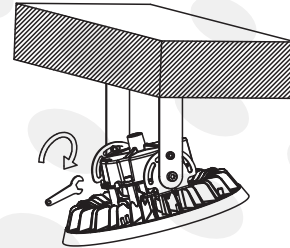
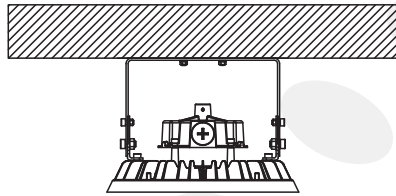
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Installation

1. Use electric drill to bore a hole on the wall.
2. Install the expansion screw to the existing hole.

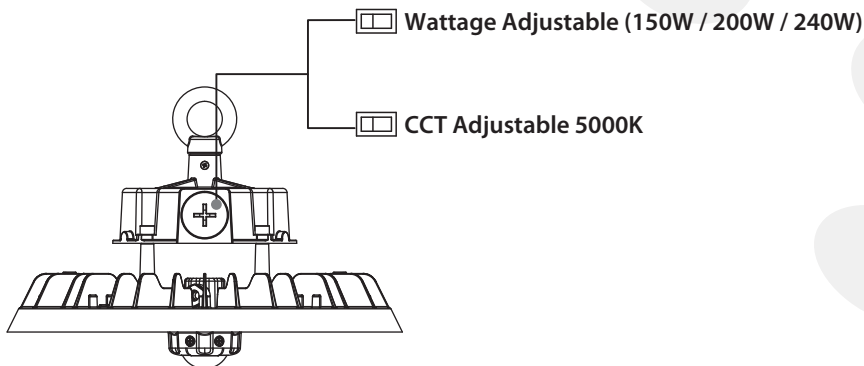


3. Fix the U bracket to the wall by nut, plain cushion, spring shim.
4. Use a wrench to reverse the hex nut and adjust the required angle.

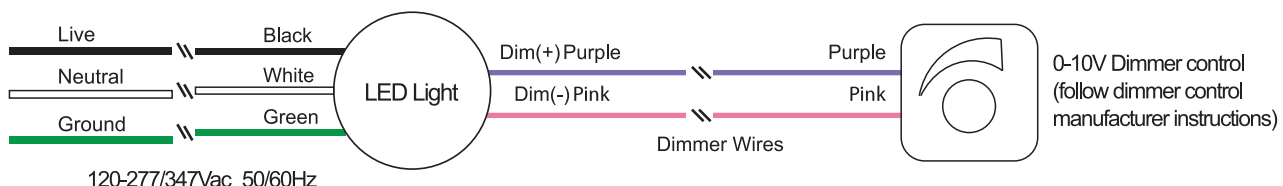
» Trouble Shooting

1. Check that the line voltage at the fixture is correct. Refer to wiring directions.
2. Is the fixture grounded properly.
3. Be sure the sensor, if used, is functioning properly

» Wattage Adjustable



» Wattage Diagram





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Application Picture



Packaging

SKU #	Carton Size Inches	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
156845	14.17 x 14.17 x 6.49	1PC	5.4 LBS	7.1 LBS

Warranty

5 Year warranty