LED UFO HIGH BAY

▶ **DESIGN** - LED UFO HIGH BAY is high efficient with a 150lm/W output. Die-cast aluminum housing with excellent heat dissipation along with an anti-glare PC lens provide many years of use. It can operate in temperatures ranging from -40 to 140°F. It is designed to operate on 120-277V circuits with a 0-10V dimmable driver. Surge protection 6kV protects the fixture from voltage spikes and current surges.

▶ **IP69K** - Rating provides protection against ingress of dust and high temperature, high pressure water.

▶ **POWER SELECTABLE** - You can easily change the power and light output with a simple switch.

▶ **INSTALLATION** - This fixture has three different mounting options: suspended, surface, and pendant. It comes with 4 ft cord. Perfect commercial or industrial solution for warehouses, supermarkets, retail stores, gyms, and many other applications.

▶ **ADVANTAGES** - With calculated lifespan up to 143,000 hours, these fixtures are made to last decades under normal operation! ASD provides a 5-year limited warranty along with UL and DLC Premium certifications to guarantee top quality products and safety!

Catalog number	
Notes	
Type	

Battery Back-up | Wet locations | IP69K

Model	Watts	Voltage	Dimmable	Lumens	CCT	Finish	Dimensions (LxWxH)	Cord
ASD-UHB2-150A50-BK	100/120/150W	120-277 V	0-10 V	up to 23,282 lm	5,000 K	Black	11" x 11" x 6-3/4"	4 ft
ASD-UHB2-200A50-BK	100/150/200W	120-277 V	0-10 V	up to 30,978 lm	5,000 K	Black	11" x 11" x 6-3/4"	4 ft
ASD-UHB2-240A50-BK	150/200/240W	120-277 V	0-10 V	up to 37,120 lm	5,000 K	Black	12-5/8" x 12-5/8" x 6-3/4"	4 ft

For detailed luminous flux information please refer to Annex 1, page 4.

ORDERING INFORMATION

Model	UPC	Pcs. per carton	Carton size	Carton weight	GTIN 14
ASD-UHB2-150A50-BK	810128114936	1	11.6" x 11.6" x 6.3"	5.5 lbs	-
ASD-UHB2-200A50-BK	810128114943	1	11.6" x 11.6" x 6.3"	5.5 lbs	-
ASD-UHB2-240A50-BK	810128114950	1	13.2" x 13.2" x 6.3"	6.8 lbs	-

ACCESSORIES:

Model	Description	UPC	Pcs. per carton	Carton size	Carton weight	GTIN 14
BLD-RM40R	Battery back-up kit 40W	810050738507	4	23.6" x 13.8" x 7.9"	32.5 lbs	20810050738501
BLD-RM60R	Battery back-up kit 60W	810128112154	4	23.6" x 13.8" x 7.9"	37.7 lbs	20810128112158
RN1	Remote test switch for battery back-up kit	810050735223	50	13" x 9.8" x 6.5"	8.3 lbs	20810050735227
ASD-H-M10	Spring hook M10	819201025312	50	12.6" x 7.7" x 6.9"	12.1 lbs	20819201025316
ASD-HS-M10	Screw-bolt hook M10	810050731164	50	11.9" x 8.3" x 9.1"	12.6 lbs	10810050731161
ASD-PMB-UHB	Pendant mount bracket	810050731522	50	13.9" x 9.7" x 7.1"	33.7 lbs	10810050731529
ASD-PMBJB-UHB	Pendant mount bracket with J-box and spring hook	810050736992	20	17.2" x 11.3" x 11.2"	30.9 lbs	10810050736999

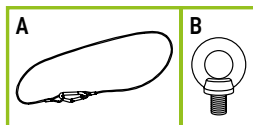*For most up-to-date spec sheets please refer to asd-lighting.com*

UL CERTIFIED | DLC LISTED PREMIUM

LED UFO HIGH BAY

PRODUCT SPECIFICATIONS:

Construction & Materials		
Housing	Aluminum	
Lens	PC	
Finish	Black	
Weight	ASD-UHB2-150A50-BK	4.2 lbs (1.9 kg)
	ASD-UHB2-200A50-BK	
	ASD-UHB2-240A50-BK	5.5 lbs (2.5 kg)

Environmental system	
Work environment	Suitable for Wet Locations, IP69K
Operating temperature	-40°F to 140°F (-40°C to 60°C)
L-70 Life	R > 54,000 hrs; C > 143,000 hrs

Optical system	
Color temperature	5,000 K
CRI	> 70

Electrical system		
Input voltage	120-277 V	
Max input current	ASD-UHB2-150A50-BK	1.4 A
	ASD-UHB2-200A50-BK	1.9 A
	ASD-UHB2-240A50-BK	2.3 A
Inrush current (Action time)	ASD-UHB2-150A50-BK	88 A (0.12 S)
	ASD-UHB2-200A50-BK	94.5 A (0.16 S)
	ASD-UHB2-240A50-BK	92 A (0.2 S)
Off state power	0W	
Power consumption	ASD-UHB2-150A50-BK	100/120/150W
	ASD-UHB2-200A50-BK	100/150/200W
	ASD-UHB2-240A50-BK	150/200/240W
Power factor	> 0.9	
Output voltage	252 V	
Max output current	ASD-UHB2-150A50-BK	0.57 A
	ASD-UHB2-200A50-BK	0.76 A
	ASD-UHB2-240A50-BK	0.91 A
Surge protection DM/CM	6 kV / 6 kV	

Dimming compatible controls				
Brand	Leviton		Lutron	
Models	ZS057-D0Z	DD710	MS-Z101	NTSTV
	DS710	IP710	DVSTV	DVTV

Regular and voluntary certifications
5-year limited warranty
DesignLights Consortium (DLC) listed (Classification: Premium) Main: Indoor luminaires;   General application: High-bay; Primary use: High-bay luminaires for commercial and industrial buildings.
UL certified   E473804

* Under extreme conditions fixture may enter protection mode. If ambient temperature exceeds 140°F (60°C) for an extended period lumen output will decrease to 60% capacity. At higher sustained temperatures protection mode will terminate power to the fixture.
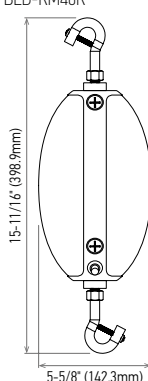
PACKAGE CONTENTS:

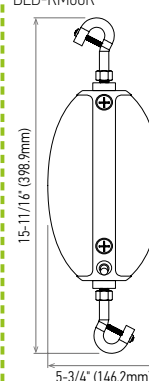| Description	Q-ty
LED UFO High Bay Fixture	1
Safety cable (A)	1
Mounting ring (B)	1
Box	1

A   B

ACCESSORIES (sold separately):

Battery back-up kit
40W BLD-RM40R
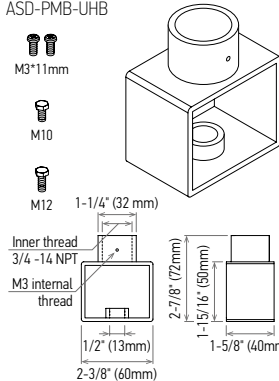15-11/16" (398.9mm)
5-5/8" (142.3mm)

60W BLD-RM60R
15-11/16" (398.9mm)
5-3/4" (146.2mm)

Remote test switch for battery back-up kit RN1
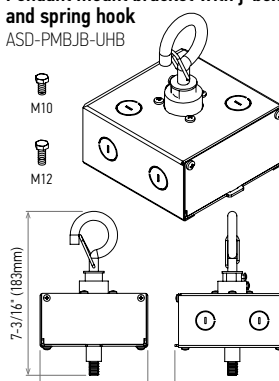
Pendant mount bracket
ASD-PMB-UHB
M3*11mm
M10
M12
1-1/4" (32 mm)
Inner thread 3/4 -14 NPT
M3 internal thread
1/2" (13mm)
2-3/8" (60mm)
2-7/8" (72mm)
1-15/16" (50mm)
1-5/8" (40mm)
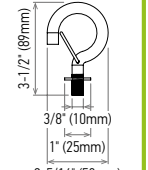
Pendant mount bracket with j-box and spring hook
ASD-PMBJB-UHB
M10
M12
7-3/16" (183mm)
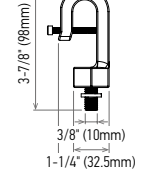4-3/4" (120mm)
5-1/16" (128mm)

Spring hook
ASD-H-M10
3-1/2" (89mm)
3/8" (10mm)
1" (25mm)
2-5/16" (59mm)

Screw-bolt hook
ASD-HS-M10
3-7/8" (98mm)
3/8" (10mm)
1-1/4" (32.5mm)
1-5/8" (40.8mm)

ACCESSORY COMPATIBILITY LIST:

Models \ Accessories	Battery back-up kit 40W BLD-RM40R	Battery back-up kit 60W BLD-RM60R	Spring hook M10 ASD-H-M10	Screw-bolt hook M10 ASD-HS-M10	Pendant mount bracket ASD-PMB-UHB	Pendant mount bracket with J-box and spring hook ASD-PMBJB-UHB
ASD-UHB2-150A50-BK	●	●	●	●	●	●
ASD-UHB2-200A50-BK	●	●	●	●	●	●
ASD-UHB2-240A50-BK	●	●	●	●	●	●

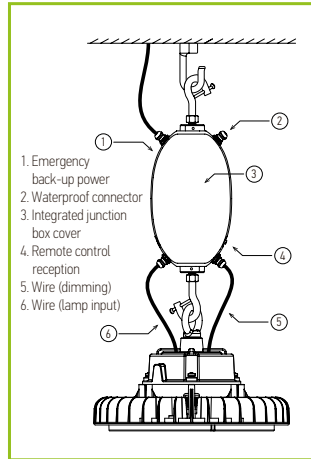*For most up-to-date spec sheets please refer to asd-lighting.com*

LED UFO HIGH BAY

BATTERY BACK-UP KIT INFORMATION

BLD-RM40R   **BLD-RM60R**   sold separately:

BLD-RM40R, BLD-RM60R listed for field and factory installation, provides constant power output to the load during emergency mode operation. They maintain illumination in emergency mode for a minimum of 90 minutes. It is an ideal emergency solution for UFO LED highbay lights.

1. Emergency back-up power
2. Waterproof connector
3. Integrated junction box cover
4. Remote control reception
5. Wire (dimming)
6. Wire (lamp input)

Specifications	BLD-RM40R	BLD-RM60R
Input voltage	100-347 V	
Input current	≤ 200 mA	
Input power	max 15W	
Standby input power	< 0.8W (finished charging)	
Maximum standby time between recharges	6 months	
Driver type	Constant power	
Output power (emergency mode)	40W	60W
Output voltage range	≤ 170 Vdc	
Lumens	6,000 lm	
Maximum load power	300W (when dimming to a minimum, the power needs to be less than 36W)	
Peak output power (emergency mode)	100W (lasts for 10 seconds)	
Number of output channels	1 channel	
RFI/EMI	FCC part 15 class B	
Output type	LED class 1	
Battery type	Li-ion	
Battery capacity available	2600 mAh (96 WH)	
Battery recharge time	24 hours	
Battery discharge time	90 min	
Maximum lighting fixture weight	44.1 lbs (20 kg)	
Self-diagnostic test system	In the normal charging mode, the system performs a self-diagnostic test every 30 days, the system switches to emergency mode for 30S, and then automatically switches back to the normal charging mode.	
	In the normal charging mode, the system switches to emergency mode every 360 days (after 11 monthly self-diagnostic test) and works until the end of discharge. Automatically switches back to normal charging mode after discharge.	
Operating temperature	-32°F to 122°F (0°C to 50°C)	
Service life	50,000 hours	
Input surge protection	2 kV	
Protections	Battery over discharge protection, output short circuit protection	
Approvals/class	RoHS, UL924 listed, CEC title 20	
	Dry/Wet Locations, IP65	

REMOTE TEST SWITCH

RN1   sold separately:

▸ Press the ON button to switch battery to the back-up mode. The indicator light will turn off and fixture will decrease light output.

▸ Press OFF to switch the fixture to normal operation mode.

ON
OFF

INSTALLATION GUIDE

IMPORTANT SAFETY INFORMATION:
Please read all the instructions below before installation.

▸ Make sure that the supply voltage corresponds to the rated product voltage.

▸ The product must be installed by a qualified electrician in accordance with the National Electrical Code and corresponding local codes.

▸ If the product is damaged, do not use it.

⚠ WARNING
RISK OF PERSONAL INJURY – READ and follow all WARNINGS and installation instructions. Keep or give to the owner for future reference.
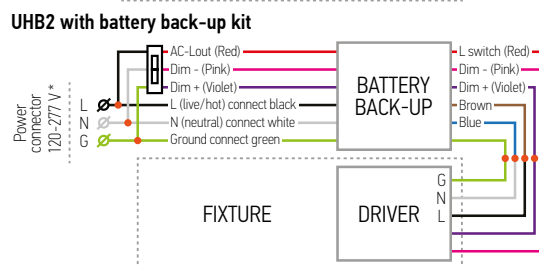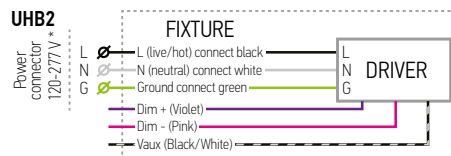
Risk of cuts: Wear gloves to prevent cuts or abrasions when removing from carton, handling, installing, and maintaining this product.

Risk of electric shock: This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

Risk of Fire: Minimum 194°F supply conductors. Consult a qualified electrician to ensure correct branch circuit conductor.

ASD® assumes no responsibility for claims arising out of improper or careless Installation or handling of this product.
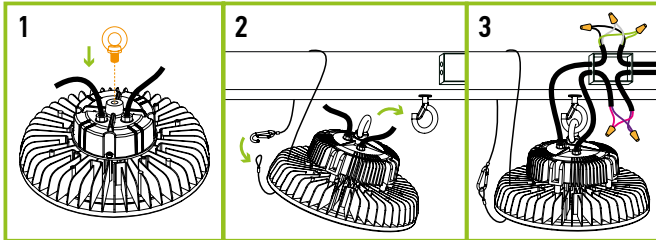
ELECTRICAL SCHEMATIC DIAGRAM:

UHB2

Power connector 120-277 V *

FIXTURE
L — L (live/hot) connect black — L
N — N (neutral) connect white — N — DRIVER
G — Ground connect green — G
Dim + (Violet)
Dim - (Pink)
Vaux (Black/White)

UHB2 with battery back-up kit

Power connector 120-277 V *

AC-Lout (Red) — L switch (Red)
Dim - (Pink) — Dim - (Pink)
Dim + (Violet) — Dim + (Violet)
L — L (live/hot) connect black — BATTERY BACK-UP — Brown
N — N (neutral) connect white — Blue
G — Ground connect green

FIXTURE   DRIVER
G
N
L

For most up-to-date spec sheets please refer to asd-lighting.com

UL CERTIFIED   DLC LISTED PREMIUM

LED UFO HIGH BAY
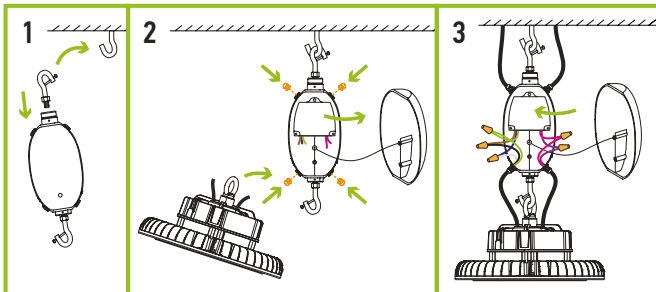
INSTALLATION STEPS:

1. Screw on the mounting ring (included) and tighten it.
2. Clip the fixture on the hook in the ceiling using the mounting ring. Secure the luminaire with a safety cable.
3. Connect the wires: Black to Black, White to White, Green to Green. Secure the connection with wire nuts.
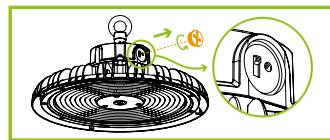

BATTERY BACK-UP KIT INSTALLATION

BLD-RM40R **BLD-RM60R** sold separately:

1. Install the G-hook to the top thread hole of the battery back-up and secure with the screw. Attach the battery back-up with G-hook to the ceiling hook.
2. Loosen the screw on the enclosed hook on the bottom of the emergency back-up, attach the ring on the fixture to the hook and tighten screw back. Open the cover and remove the plastic covers and install the five waterproof connectors.
3. Pull all wires through the waterproof connectors into the chamber of emergency driver. Connect wires: Brown, Blue, Green with AC input wires of the fixture. Connect dimming wires Purple and Pink with LED driver input dimming wires. Connect Black,White and Red wires of the battery back-up with AC main Power cord. Secure connection with wire nuts and lock up the cover of junction box.
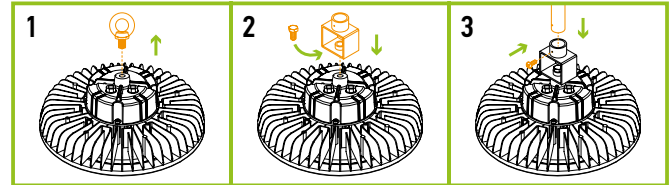

POWER SETTINGS:

Unscrew the knock out on the driver box and adjust power by simple switch.

PENDANT MOUNT BRACKET INSTALLATION
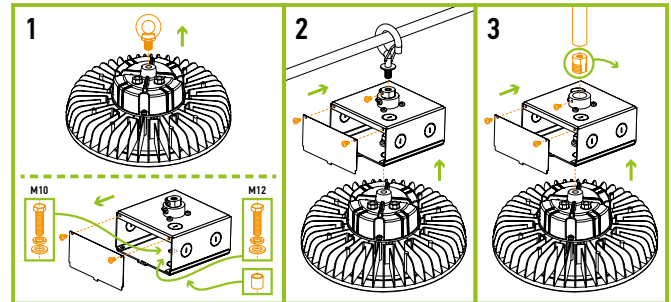
ASD-PMB-UHB sold separately:

1. Remove the original ring from the driver.
2. Install the adapter and secure it to the driver using a M10 or M12 screw (included with the adapter).
3. Screw the adapter with the fixture onto a pole and secure it with an M3 screw (included with the adapter).

PENDANT MOUNT BRACKET WITH J-BOX AND SPRING HOOK INSTALLATION

ASD-PMBJB-UHB sold separately:

1. Uninstall the mounting ring from the fixture. Unscrew 2 screws and open side plate of the Pendant Junction box. Install M10 or M12 Mounting screw depending of the fixture's thread size.
2. Mounting hook installation: Loosen security screw and install the spring hook to the upper installation hole of the Pendant J-box and secure it by screw. Secure Pendant J-box to the fixture, and then secure to the ceiling. Close side plate back.
3. Pendant installation: Uninstall adapter from pole mounting hole. Secure the Pendant J-box with fixture to the pole. Secure fixture to the Pendant J-box. Close side plate back.

ANNEX 1

Model	Watts	5,000 K
ASD-UHB2-150A50-BK	100W	15,885 lm
	120W	18,982 lm
	150W	23,282 lm
ASD-UHB2-200A50-BK	100W	15,885 lm
	150W	24,520 lm
	200W	30,978 lm
ASD-UHB2-240A50-BK	150W	22,876 lm
	200W	30,720 lm
	240W	37,120 lm

For most up-to-date spec sheets please refer to asd-lighting.com