



# LED UFO NSF HIGH BAY

## Premium Series

► **DESIGN & OPTIONS** - NSF LED UFO HIGH BAY has best in class performance with a 130-150lm/W output. The fixtures feature a smooth dust-proof surface that can withstand frequent wash downs and is built with safety and sanitation in mind. It has an easy-to-clean, corrosion-resistant aluminum housing and comes with 120-277V or 200-480V and a 5000K color temperature. It is equipped with a 0-10V dimmable driver and comes with a WHITE finish.

► **INSTALLATION** - This fixture comes with a stainless steel hanging ring for suspended mounting and with a 6.5ft cable to make the installation process easier. Refer to install instructions for detailed steps.

► **APPLICATION** - NSF LED UFO HIGH BAY fixtures are ideal for areas with high sanitation standards and are required to be frequently washed down. Common applications include: poultry processing, food & beverage processing, commercial kitchens, and manufacturing facilities. These fixtures are Wet location rated with IP69K ingress protection rating, meaning they are resistant to high pressure, temperature, water, and dust. These lights can operate in temperatures between -40+122°F (-40+50°C).

► **ENERGY SAVINGS & EFFICIENCY** - This fixture provides a lumen output equal to MH/HPS and can cut your electric bill by up to 80% instantly. With a lifespan of 60,000 hours, these fixtures are made to last decades under normal operation! This fixture will save you a significant amount of money in its lifetime.

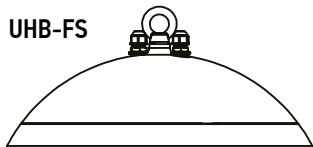
► **CERTIFICATION & WARRANTY** - Buy with confidence: ASD provides a 5-year warranty along with UL or ETL and DLC Premium certifications to guarantee top quality products and safety! Certified by the National Sanitation Foundation (NSF) as safe for food service processing facilities that require a higher level of sanitation.

Top US certifications allow participation in rebates; please check the rebate programs available in your state.

|                |  |
|----------------|--|
| Catalog number |  |
| Notes          |  |
| Type           |  |



UHB-FS



UHB2-FS



## PRODUCT LEGEND:

| Family           | Voltage                           | NSF standard | Watts                                     | Dimmable | CCT     | Series                           |
|------------------|-----------------------------------|--------------|---|----------|---------|----------------------------------|
| ASD-UHB          | XX                                | FS           | XXX                                       | D        | 50      | XXX                              |
| LED UFO High Bay | Blank = 120-277V<br>HV = 200-480V | Food Safety  | 100 = 100 W<br>150 = 150 W<br>200 = 200 W | Dimmable | 5,000 K | PRM = Premium<br>Blank = Premium |

## LED UFO NSF HIGH BAY FIXTURE:

| Model                   | Watts | Voltage   | Dimming | CCT     | Lumens    | Dimensions (LxWxH)          | Cord   |
|-------------------------|-------|-----------|---------|---------|-----------|-----------------------------|--------|
| ASD-UHB-FS-100D50-PRM   | 100 W | 120-277 V | 0-10 V  | 5,000 K | 12,395 lm | 13 3/8" x 13 3/8" x 4 3/4"  | 6.5 ft |
| ASD-UHB-FS-150D50-PRM   | 150 W | 120-277 V | 0-10 V  | 5,000 K | 19,155 lm | 15 1/2" x 15 1/2" x 5 1/4"  | 6.5 ft |
| ASD-UHBHV-FS-150D50-PRM | 150 W | 200-480 V | 0-10 V  | 5,000 K | 20,593 lm | 15 1/2" x 15 1/2" x 5 1/4"  | 6.5 ft |
| ASD-UHB2-FS-150D50      | 150 W | 120-277 V | 0-10 V  | 5,000 K | 21,900 lm | 17 1/8" x 17 1/8" x 7 9/16" | 6.5 ft |
| ASD-UHB2-FS-200D50      | 200 W | 120-277 V | 0-10 V  | 5,000 K | 29,200 lm | 17 1/8" x 17 1/8" x 7 9/16" | 6.5 ft |

## ORDERING INFORMATION:

| Model                   | Pcs. per Carton | Carton Size          | Carton Weight | UPC          |
|-------------------------|-----------------|----------------------|---------------|--------------|
| ASD-UHB-FS-100D50-PRM   | 1               | 15.1" x 15.1" x 7.8" | 14.6 lb       | 819201026036 |
| ASD-UHB-FS-150D50-PRM   | 1               | 17.4" x 17.4" x 7.9" | 16.5 lb       | 819201026050 |
| ASD-UHBHV-FS-150D50-PRM | 1               | 17.4" x 17.4" x 7.9" | 16.8 lb       | 819201026043 |
| ASD-UHB2-FS-150D50      | 1               | 18.7" x 18.7" x 7.5" | 17.9 lb       | 810050734424 |
| ASD-UHB2-FS-200D50      | 1               | 18.7" x 18.7" x 7.5" | 18.7 lb       | 810050734431 |

For most up-to-date spec sheets please refer to [asd-lighting.com](http://asd-lighting.com)

ASD LIGHTING CORP

E-mail: [orders@asd-lighting.com](mailto:orders@asd-lighting.com) | Web site: [www.asd-lighting.com](http://www.asd-lighting.com)





# LED UFO NSF HIGH BAY

Premium Series

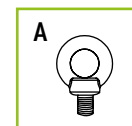
## PRODUCT SPECIFICATIONS:

| Construction & Materials                         |   |   |                                   |
|--|---|---|-----------------------------------|
| Housing  | Die-cast Aluminum   |   |                                   |
| Finish   | White   |   |                                   |
| Weight   | ASD-UHB-FS-100D50-PRM   | 12.8 lb (5.8 kg)  |                                   |
|  | ASD-UHB-FS-150D50-PRM   | 15 lb (6.8 kg)  |                                   |
|  | ASD-UHBHV-FS-150D50-PRM   | 15.2 lb (6.9 kg)  |                                   |
|  | ASD-UHB2-FS-150D50  | 15 lb (6.8 kg)  |                                   |
|  | ASD-UHB2-FS-200D50  | 15.9 lb (7.2 kg)  |                                   |
| Environmental System                             |   |   |                                   |
| Work Environment                                 | ASD-UHB-FS-100D50-PRM<br>ASD-UHB-FS-150D50-PRM<br>ASD-UHBHV-FS-150D50-PRM | Suitable for Wet Locations, IP65/69K                                      |                                   |
|  | ASD-UHB2-FS-150D50<br>ASD-UHB2-FS-200D50                                  | Suitable for Wet Locations, IP66/69K                                      |                                   |
|  | Operating Temperature   | ASD-UHB-FS-100D50-PRM<br>ASD-UHB-FS-150D50-PRM<br>ASD-UHBHV-FS-150D50-PRM | -40°F to 122°F (-40°C to 50°C)    |
| ASD-UHB2-FS-150D50<br>ASD-UHB2-FS-200D50         |   | -40°F to 113°F (-40°C to 45°C)  |                                   |
| L-70 Life  |   | ASD-UHB-FS-150D50-PRM<br>ASD-UHBHV-FS-150D50-PRM                          | R > 54,000 hrs<br>C > 372,000 hrs |
|  |   | ASD-UHB2-FS-150D50<br>ASD-UHB2-FS-200D50                                  | R > 60,000 hrs<br>C > 132,000 hrs |
|  |   | Optical System  |                                   |
| Luminous Flux                                    | ASD-UHB-FS-100D50-PRM   | 12,395 lm   |                                   |
|  | ASD-UHB-FS-150D50-PRM   | 19,155 lm   |                                   |
|  | ASD-UHBHV-FS-150D50-PRM   | 20,593 lm   |                                   |
|  | ASD-UHB2-FS-150D50  | 21,900 lm   |                                   |
|  | ASD-UHB2-FS-200D50  | 29,200 lm   |                                   |
| Color Temperature                                | 5,000 K   |   |                                   |
| CRI  | > 80  |   |                                   |
| Electrical System                                |   |   |                                   |
| Input Voltage                                    | Regular Voltage   | 120-277 V   |                                   |
|  | High Voltage  | 200-480 V   |                                   |
| Max input current                                | ASD-UHB-FS-100D50-PRM<br>ASD-UHB-FS-150D50-PRM<br>ASD-UHBHV-FS-150D50-PRM | 0.6 A   |                                   |
|  | ASD-UHB2-FS-150D50  | 1.25 A  |                                   |
|  | ASD-UHB2-FS-200D50  | 2.4 A   |                                   |
|  | Inrush current (Action time)  | ASD-UHB-FS-100D50-PRM<br>ASD-UHB-FS-150D50-PRM                            | 35 A (1 S)                        |
|  |   | ASD-UHBHV-FS-150D50-PRM   | 35 A (0.79 S)                     |
| ASD-UHB2-FS-150D50<br>ASD-UHB2-FS-200D50         |   | 130 A (1 S)   |                                   |
| AC input range                                   | Regular Voltage min 90 V max 305 V<br>High Voltage min 180 V max 528 V    |   |                                   |
| Off State Power                                  | 0 W   |   |                                   |
| Surge protection                                 | 4 kV  |   |                                   |
| Power Consumption                                | ASD-UHB-FS-100D50-PRM   | 100 W   |                                   |
|  | ASD-UHB-FS-150D50-PRM<br>ASD-UHBHV-FS-150D50-PRM                          | 150 W   |                                   |
|  | ASD-UHB2-FS-150D50  | 150 W   |                                   |
|  | ASD-UHB2-FS-200D50  | 200 W   |                                   |
| Power Factor                                     | ≥ 0.9   |   |                                   |
| Output voltage                                   | ASD-UHB-FS-100D50-PRM<br>ASD-UHB-FS-150D50-PRM                            | 48 V  |                                   |
|  | ASD-UHBHV-FS-150D50-PRM<br>ASD-UHB2-FS-150D50<br>ASD-UHB2-FS-200D50       | 180-260 V   |                                   |
|  | Max output current  | ASD-UHB-FS-100D50-PRM   | 2.1 A                             |
| ASD-UHB-FS-150D50-PRM<br>ASD-UHBHV-FS-150D50-PRM |   | 3.16 A  |                                   |
| ASD-UHB2-FS-150D50                               |   | 0.6 A   |                                   |
| ASD-UHB2-FS-200D50                               |   | 0.9 A   |                                   |
| LED driver class                                 |   | ASD-UHB-FS-100D50-PRM<br>ASD-UHB-FS-150D50-PRM                            | Class 2                           |
|  | ASD-UHBHV-FS-150D50-PRM<br>ASD-UHB2-FS-150D50                             | Class 2   |                                   |
|  | ASD-UHB2-FS-200D50  | Class 1   |                                   |
|  | ASD-UHB-FS-100D50-PRM<br>ASD-UHB-FS-150D50-PRM                            | Class 2   |                                   |
|  | ASD-UHBHV-FS-150D50-PRM<br>ASD-UHB2-FS-150D50                             | Class 2   |                                   |

| Dimming compatible controls                                    |  |        |           |           |
|--|--|--------|-----------|-----------|
| Brand  | LTECH  | LUTRON | LEVITON   | RAB       |
| Models   | E610P  | NFTV   | ZS057-DOZ | LCLC3/D10 |
| Regular and Voluntary Certifications                           |  |        |           |           |
| 5-year limited warranty  |  |        |           |           |
| DesignLights Consortium (DLC) listed (Classification: Premium) |  |        |           |           |
| cETLus certified 4010110                                       | for models ASD-UHB-FS-100D50-PRM, ASD-UHB-FS-150D50-PRM, ASD-UHBHV-FS-150D50-PRM |        |           |           |
| cULus listed   | for models ASD-UHB2-FS-150D50, ASD-UHB2-FS-200D50                                |        |           |           |
| National Sanitation Foundation                                 |  |        |           |           |

## PACKAGE CONTENTS:

| Description          | Q-ty |
|----------------------|------|
| LED UFO NSF High Bay | 1    |
| Mounting ring (A)    | 1    |
| Box                  | 1    |
| Cut sheet            | 2    |



## 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.

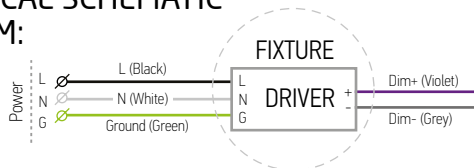
**Risk of cuts:** Wear gloves to prevent cuts or abrasions when removing from carton, handling, installing, and maintaining this product.

**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.

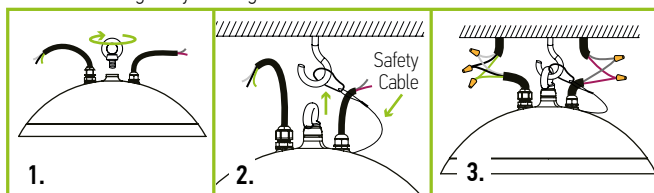
## ELECTRICAL SCHEMATIC DIAGRAM:



## INSTALLATION STEPS:

1. Screw the mounting ring into the top of the fixture.
2. Hang the fixture from the ceiling or other surface using a hook or chain (not provided).
3. Connect the wiring in accordance to the wiring diagram in these specifications. If you are not using the dimming wires cap them off but not together. After the installation, please confirm whether the wiring is correct.

The LED UFO High Bay is designed to install as a surface mounted luminaires.



For most up-to-date spec sheets please refer to [asd-lighting.com](http://asd-lighting.com)