



# LED UFO High Bay

## Standard and Premium Series

Our UFO style round high bay is the latest in LED technology. More efficient and longer lasting, our IP65 – WET location rated, LED UFO high bay fixture achieves desired light levels while using less power per fixture than most other LED High bay fixtures. Light can be dimmed to ideal brightness levels to save energy and achieve the exact light level needed for your application.

This one-piece aluminum heat sink provides excellent thermal management and gives the fixture it's water-tight IP65 rating. This fixture features Integrated dimming and can be used with 1-10v, PWM and VR dimmers to save energy and achieve specific light levels. Optional accessories include 16" and 21" aluminum reflectors, 16" and 19" polycarbonate reflectors and diffusers, and twist lock connectors.

This fixture is the perfect commercial or industrial solution for warehouses, supermarkets, retail stores, gyms, garages, general task areas and many other applications.

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



### FEATURES AND BENEFITS:

- ▶ Integrated sensor models are available
- ▶ Dimmable (1-10v, PWM and VR dimmers)
- ▶ PF/THD: > 0.9 / < 15%
- ▶ Operating temperature -22 to 122°F (-30 to 50°C)
- ▶ L-70 Life > 54,000 hrs
- ▶ cULus listed
- ▶ Design Lights Consortium (DLC) listed (Classification: Standard and Premium Series)
- ▶ 5 Year warranty

### PRODUCT LEGEND:

| Family           | Modification | Voltage           | Watts                    | Dimmable | CCT          | Option        | Series         |
|------------------|--------------|-------------------|--------------------------|----------|--------------|---------------|----------------|
| ASD-UHB          | XX           | XX                | XX                       | D        | XX           | MS            | XXX            |
| LED UFO High Bay | 2            | Blank = Regular   | 100 = 100 W; 150 = 150 W | Dimmable | 35 = 3,500 K | Motion sensor | STD = Standard |
|                  | 22           | HV = High Voltage | 200 = 200 W; 240 = 240 W |          | 50 = 5,000 K |               | PRM = Premium  |
|                  | 7            |                   | 300 = 300 W; 400 = 400 W |          |              |               |                |
|                  |              |                   | 500 = 500 W              |          |              |               |                |

### LED UFO HIGH BAY FIXTURE:

| Model                   | Watts | Voltage  | Dimming | Motion Sensor | CCT     | Lumens    | Dimensions (LxWxH)           | Cord |
|-------------------------|-------|----------|---------|---------------|---------|-----------|------------------------------|------|
| ASD-UHB2-100D35-STD     | 100 W | 120-277V | yes     | -             | 3,500 K | 12,799 lm | 10 1/4" x 10 1/4" x 5 1/16"  | 4 ft |
| ASD-UHB2-150D35-STD     | 150 W | 120-277V | yes     | -             | 3,500 K | 18,069 lm | 10 1/4" x 10 1/4" x 5 1/16"  | 4 ft |
| ASD-UHB2-200D35-STD     | 200 W | 120-277V | yes     | -             | 3,500 K | 24,706 lm | 10 1/4" x 10 1/4" x 5 15/16" | 4 ft |
| ASD-UHB2-100D50-PRM     | 100 W | 120-277V | yes     | -             | 5,000 K | 15,288 lm | 10 1/4" x 10 1/4" x 5 5/16"  | 4 ft |
| ASD-UHB2-150D50-PRM     | 150 W | 120-277V | yes     | -             | 5,000 K | 22,703 lm | 10 1/4" x 10 1/4" x 5 5/16"  | 4 ft |
| ASD-UHB2-200D50-PRM     | 200 W | 120-277V | yes     | -             | 5,000 K | 29,776 lm | 10 1/4" x 10 1/4" x 5 15/16" | 4 ft |
| ASD-UHB2-240D50-PRM     | 240 W | 120-277V | yes     | -             | 5,000 K | 35,623 lm | 12 5/8" x 12 5/8" x 5 5/8"   | 4 ft |
| ASD-UHB2-300D50-PRM     | 300 W | 120-277V | yes     | -             | 5,000 K | 41,350 lm | 12 5/8" x 12 5/8" x 6 3/16"  | 4 ft |
| ASD-UHB2HV-100D50-PRM   | 100 W | 200-480V | yes     | -             | 5,000 K | 13,905 lm | 10 1/4" x 10 1/4" x 5 5/16"  | 4 ft |
| ASD-UHB2HV-150D50-PRM   | 150 W | 200-480V | yes     | -             | 5,000 K | 20,510 lm | 10 1/4" x 10 1/4" x 5 5/16"  | 4 ft |
| ASD-UHB2HV-200D50-PRM   | 200 W | 200-480V | yes     | -             | 5,000 K | 26,921 lm | 10 1/4" x 10 1/4" x 6 5/16"  | 4 ft |
| ASD-UHB2HV-240D50-PRM   | 240 W | 200-480V | yes     | -             | 5,000 K | 33,286 lm | 12 5/8" x 12 5/8" x 5 3/4"   | 4 ft |
| ASD-UHB22-100D50-MS-PRM | 100 W | 120-277V | yes     | yes           | 5,000 K | 15,144 lm | 12 5/8" x 12 5/8" x 7 1/2"   | 4 ft |
| ASD-UHB22-150D50-MS-PRM | 150 W | 120-277V | yes     | yes           | 5,000 K | 22,622 lm | 12 5/8" x 12 5/8" x 7 1/2"   | 4 ft |
| ASD-UHB22-200D50-MS-PRM | 200 W | 120-277V | yes     | yes           | 5,000 K | 29,789 lm | 12 5/8" x 12 5/8" x 8 1/8"   | 4 ft |
| ASD-UHB22-240D50-MS-PRM | 240 W | 120-277V | yes     | yes           | 5,000 K | 35,623 lm | 12 5/8" x 12 5/8" x 8 1/8"   | 4 ft |
| ASD-UHB22-300D50-MS-PRM | 300 W | 120-277V | yes     | yes           | 5,000 K | 41,832 lm | 12 5/8" x 12 5/8" x 8 5/8"   | 4 ft |
| ASD-UHB7-240D50-PRM     | 240 W | 120-277V | yes     | -             | 5,000 K | 36,272 lm | 11 3/8" x 11 3/8" x 8 3/8"   | 4 ft |
| ASD-UHB7-300D50-PRM     | 300 W | 120-277V | yes     | -             | 5,000 K | 45,760 lm | 12 5/8" x 12 5/8" x 10 1/2"  | 4 ft |
| ASD-UHB7-400D50-PRM     | 400 W | 120-277V | yes     | -             | 5,000 K | 60,967 lm | 14 1/8" x 14 1/8" x 14 1/4"  | 4 ft |
| ASD-UHB7-500D50-PRM     | 500 W | 120-277V | yes     | -             | 5,000 K | 75,234 lm | 14 1/8" x 14 1/8" x 14 1/4"  | 4 ft |
| ASD-UHB7HV-300D50-PRM   | 300 W | 200-480V | yes     | -             | 5,000 K | 44,816 lm | 12 5/8" x 12 5/8" x 10 1/2"  | 4 ft |
| ASD-UHB7HV-400D50-PRM   | 400 W | 200-480V | yes     | -             | 5,000 K | 60,143 lm | 14 1/8" x 14 1/8" x 14 1/4"  | 4 ft |
| ASD-UHB7HV-500D50-PRM   | 500 W | 200-480V | yes     | -             | 5,000 K | 74,896 lm | 14 1/8" x 14 1/8" x 14 1/4"  | 4 ft |

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



# LED UFO High Bay

## Standard and Premium Series

### PRODUCT SPECIFICATIONS:

| Construction & Materials     |                                  |                         |                         |                       |                       |                    |
|------------------------------|----------------------------------|-------------------------|-------------------------|-----------------------|-----------------------|--------------------|
| Housing                      | Die cast Aluminum                |                         |                         |                       |                       |                    |
| Finish                       | Black                            |                         |                         |                       |                       |                    |
| Weight                       | ASD-UHB2-100D35-STD              | 6 lb (2.7 kg)           | ASD-UHB2HV-100D50-PRM   | 6 lb (2.7 kg)         | ASD-UHB7-240D50-PRM   | 11.5 lb (5.2 kg)   |
|                              | ASD-UHB2-150D35-STD              | 6 lb (2.7 kg)           | ASD-UHB2HV-150D50-PRM   | 6.6 lb (3 kg)         | ASD-UHB7-300D50-PRM   | 16.3 lb (7.4 kg)   |
|                              | ASD-UHB2-200D35-STD              | 7.1 lb (3.2 kg)         | ASD-UHB2HV-200D50-PRM   | 8.4 lb (3.8 kg)       | ASD-UHB7-400D50-PRM   | 20.7 lb (9.4 kg)   |
|                              | ASD-UHB2-100D50-PRM              | 6 lb (2.7 kg)           | ASD-UHB2HV-240D50-PRM   | 8.4 lb (3.8 kg)       | ASD-UHB7-500D50-PRM   | 21.2 lb (9.6 kg)   |
|                              | ASD-UHB2-150D50-PRM              | 6 lb (2.7 kg)           | ASD-UHB22-100D50-MS-PRM | 6.5 lb (3 kg)         | ASD-UHB7HV-300D50-PRM | 16.8 lb (7.6 kg)   |
|                              | ASD-UHB2-200D50-PRM              | 7.1 lb (3.2 kg)         | ASD-UHB22-150D50-MS-PRM | 6.7 lb (3 kg)         | ASD-UHB7HV-400D50-PRM | 21.6 lb (9.8 kg)   |
|                              | ASD-UHB2-240D50-PRM              | 8.4 lb (3.8 kg)         | ASD-UHB22-200D50-MS-PRM | 6.7 lb (3 kg)         | ASD-UHB7HV-500D50-PRM | 21.6 lb (9.8 kg)   |
|                              | ASD-UHB2-300D50-PRM              | 15 lb (6.8 kg)          | ASD-UHB22-240D50-MS-PRM | 7.1 lb (3.2 kg)       |                       |                    |
|                              |                                  |                         | ASD-UHB22-300D50-MS-PRM | 11.5 lb (5.2 kg)      |                       |                    |
| Environmental System         |                                  |                         |                         |                       |                       |                    |
| Work Environment             | Suitable for Wet Locations, IP65 |                         |                         |                       |                       |                    |
| Operating Temperature        | -22°F to 122°F (-30°C to 50°C)   |                         |                         |                       |                       |                    |
| L-70 Life                    | UHB2 / UHB2HV                    | > 54,000 hrs            | UHB22 / UHB7 / UHB7HV   | > 50,000 hrs          |                       |                    |
| Optical System               |                                  |                         |                         |                       |                       |                    |
| Luminous Flux                | ASD-UHB2-100D35-STD              | 12,799 lm               | ASD-UHB2HV-100D50-PRM   | 13,905 lm             | ASD-UHB7-240D50-PRM   | 36,272 lm          |
|                              | ASD-UHB2-150D35-STD              | 18,069 lm               | ASD-UHB2HV-150D50-PRM   | 20,510 lm             | ASD-UHB7-300D50-PRM   | 45,760 lm          |
|                              | ASD-UHB2-200D35-STD              | 24,706 lm               | ASD-UHB2HV-200D50-PRM   | 26,921 lm             | ASD-UHB7-400D50-PRM   | 60,967 lm          |
|                              | ASD-UHB2-100D50-PRM              | 15,288 lm               | ASD-UHB2HV-240D50-PRM   | 33,286 lm             | ASD-UHB7-500D50-PRM   | 75,234 lm          |
|                              | ASD-UHB2-150D50-PRM              | 22,703 lm               | ASD-UHB22-100D50-MS-PRM | 15,144 lm             | ASD-UHB7HV-300D50-PRM | 44,816 lm          |
|                              | ASD-UHB2-200D50-PRM              | 29,776 lm               | ASD-UHB22-150D50-MS-PRM | 22,622 lm             | ASD-UHB7HV-400D50-PRM | 60,143 lm          |
|                              | ASD-UHB2-240D50-PRM              | 35,623 lm               | ASD-UHB22-200D50-MS-PRM | 29,789 lm             | ASD-UHB7HV-500D50-PRM | 74,896 lm          |
|                              | ASD-UHB2-300D50-PRM              | 41,350 lm               | ASD-UHB22-240D50-MS-PRM | 35,623 lm             |                       |                    |
|                              |                                  |                         | ASD-UHB22-300D50-MS-PRM | 41,832 lm             |                       |                    |
| Color Temperature            | 3,500 K, 5,000 K                 |                         |                         |                       |                       |                    |
| CRI                          | ASD-UHB2-100D35-STD              | >70                     | ASD-UHB2HV-100D50-PRM   | >80                   | ASD-UHB7-240D50-PRM   | >70                |
|                              | ASD-UHB2-150D35-STD              |                         | ASD-UHB2HV-150D50-PRM   |                       | ASD-UHB7-300D50-PRM   |                    |
|                              | ASD-UHB2-200D35-STD              |                         | ASD-UHB2HV-200D50-PRM   |                       | ASD-UHB7-400D50-PRM   |                    |
|                              | ASD-UHB2-100D50-PRM              | >70                     | ASD-UHB2HV-240D50-PRM   | >70                   | ASD-UHB7-500D50-PRM   | >70                |
|                              | ASD-UHB2-150D50-PRM              |                         | ASD-UHB22-100D50-MS-PRM | ASD-UHB7HV-300D50-PRM |                       |                    |
|                              | ASD-UHB2-200D50-PRM              |                         | ASD-UHB22-150D50-MS-PRM | ASD-UHB7HV-400D50-PRM |                       |                    |
|                              | ASD-UHB2-240D50-PRM              | >80                     | ASD-UHB22-200D50-MS-PRM | >80                   | ASD-UHB7HV-500D50-PRM | >70                |
|                              | ASD-UHB2-300D50-PRM              |                         | ASD-UHB22-240D50-MS-PRM |                       |                       |                    |
|                              |                                  | ASD-UHB22-300D50-MS-PRM |                         |                       |                       |                    |
| Electrical System            |                                  |                         |                         |                       |                       |                    |
| Input Voltage                | ASD-UHB2-100D35-STD              | 120-277VAC 50/60Hz      | ASD-UHB2HV-100D50-PRM   | 200-480VAC 50/60Hz    | ASD-UHB7-240D50-PRM   | 120-277VAC 50/60Hz |
|                              | ASD-UHB2-150D35-STD              |                         | ASD-UHB2HV-150D50-PRM   |                       | ASD-UHB7-300D50-PRM   |                    |
|                              | ASD-UHB2-200D35-STD              |                         | ASD-UHB2HV-200D50-PRM   |                       | ASD-UHB7-400D50-PRM   |                    |
|                              | ASD-UHB2-100D50-PRM              |                         | ASD-UHB2HV-240D50-PRM   |                       | ASD-UHB7-500D50-PRM   |                    |
|                              | ASD-UHB2-150D50-PRM              |                         | ASD-UHB22-100D50-MS-PRM | ASD-UHB7HV-300D50-PRM | 200-480VAC 50/60Hz    |                    |
|                              | ASD-UHB2-200D50-PRM              |                         | ASD-UHB22-150D50-MS-PRM | ASD-UHB7HV-400D50-PRM |                       |                    |
|                              | ASD-UHB2-240D50-PRM              |                         | ASD-UHB22-200D50-MS-PRM | ASD-UHB7HV-500D50-PRM |                       |                    |
|                              | ASD-UHB2-300D50-PRM              |                         | ASD-UHB22-240D50-MS-PRM |                       |                       |                    |
|                              |                                  | ASD-UHB22-300D50-MS-PRM |                         |                       |                       |                    |
| Max input current            | ASD-UHB2-100D35-STD              | 1.44 A                  | ASD-UHB2HV-100D50-PRM   | 0.6 A                 | ASD-UHB7-240D50-PRM   | 0.6 A              |
|                              | ASD-UHB2-150D35-STD              | 1.8 A                   | ASD-UHB2HV-150D50-PRM   | 0.9 A                 | ASD-UHB7-300D50-PRM   |                    |
|                              | ASD-UHB2-200D35-STD              | 2.4 A                   | ASD-UHB2HV-200D50-PRM   | 1.2 A                 | ASD-UHB7-400D50-PRM   |                    |
|                              | ASD-UHB2-100D50-PRM              | 1.44 A                  | ASD-UHB2HV-240D50-PRM   | 1.2 A                 | ASD-UHB7-500D50-PRM   |                    |
|                              | ASD-UHB2-150D50-PRM              | 1.8 A                   | ASD-UHB22-100D50-MS-PRM | 0.6 A                 | ASD-UHB7HV-300D50-PRM | 0.6 A              |
|                              | ASD-UHB2-200D50-PRM              | 2.4 A                   | ASD-UHB22-150D50-MS-PRM |                       | ASD-UHB7HV-400D50-PRM |                    |
|                              | ASD-UHB2-240D50-PRM              | 2.88 A                  | ASD-UHB22-200D50-MS-PRM |                       | ASD-UHB7HV-500D50-PRM |                    |
|                              | ASD-UHB2-300D50-PRM              | 3.6 A                   | ASD-UHB22-240D50-MS-PRM |                       |                       |                    |
|                              |                                  | ASD-UHB22-300D50-MS-PRM |                         |                       |                       |                    |
| Inrush current (Action time) | ASD-UHB2-100D35-STD              | 100 A (0.15 S)          | ASD-UHB2HV-100D50-PRM   | 60 A (0.5 S)          | ASD-UHB7-240D50-PRM   | 35 A (<1 S)        |
|                              | ASD-UHB2-150D35-STD              | 130 A (0.15 S)          | ASD-UHB2HV-150D50-PRM   |                       | ASD-UHB7-300D50-PRM   | 35 A (0.5 S)       |
|                              | ASD-UHB2-200D35-STD              | 100 A (0.15 S)          | ASD-UHB2HV-200D50-PRM   |                       | ASD-UHB7-400D50-PRM   |                    |
|                              | ASD-UHB2-100D50-PRM              | 100 A (0.15 S)          | ASD-UHB2HV-240D50-PRM   |                       | ASD-UHB7-500D50-PRM   |                    |
|                              | ASD-UHB2-150D50-PRM              | 130 A (0.15 S)          | ASD-UHB22-100D50-MS-PRM | 1.44 A (0.15 S)       | ASD-UHB7HV-300D50-PRM |                    |
|                              | ASD-UHB2-200D50-PRM              |                         | ASD-UHB22-150D50-MS-PRM | 1.8 A (0.15 S)        | ASD-UHB7HV-400D50-PRM |                    |
|                              | ASD-UHB2-240D50-PRM              |                         | ASD-UHB22-200D50-MS-PRM | 2.4 A (0.15 S)        | ASD-UHB7HV-500D50-PRM |                    |
|                              | ASD-UHB2-300D50-PRM              |                         | ASD-UHB22-240D50-MS-PRM | 2.88 A (0.15 S)       |                       |                    |
|                              | 120 A (0.8 S)                    | ASD-UHB22-300D50-MS-PRM | 3.6 A (0.8 S)           |                       |                       |                    |

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| Electrical System                  |                         |                         |   |                        |                       |        |
|------------------------------------|-------------------------|-------------------------|---|------------------------|-----------------------|--------|
| AC input range                     | ASD-UHB2-100D35-STD     | min 90 V<br>max 305 V   | ASD-UHB2HV-100D50-PRM   | min 180 V<br>max 528 V | ASD-UHB7-240D50-PRM   |        |
|                                    | ASD-UHB2-150D35-STD     |                         | ASD-UHB2HV-150D50-PRM   |                        | ASD-UHB7-300D50-PRM   |        |
|                                    | ASD-UHB2-200D35-STD     |                         | ASD-UHB2HV-200D50-PRM   |                        | ASD-UHB7-400D50-PRM   |        |
|                                    | ASD-UHB2-100D50-PRM     | min 90 V<br>max 305 V   | ASD-UHB2HV-240D50-PRM   | min 90 V<br>max 305 V  | ASD-UHB7-500D50-PRM   |        |
|                                    | ASD-UHB2-150D50-PRM     |                         | ASD-UHB22-100D50-MS-PRM   |                        | ASD-UHB7HV-300D50-PRM |        |
|                                    | ASD-UHB2-200D50-PRM     |                         | ASD-UHB22-150D50-MS-PRM   |                        | ASD-UHB7HV-400D50-PRM |        |
| ASD-UHB2-240D50-PRM                | ASD-UHB22-200D50-MS-PRM |                         | ASD-UHB7HV-500D50-PRM   |                        |                       |        |
| ASD-UHB2-300D50-PRM                |                         | ASD-UHB22-240D50-MS-PRM |   |                        |                       |        |
| ASD-UHB22-300D50-MS-PRM            |                         | ASD-UHB22-300D50-MS-PRM |   |                        |                       |        |
| Off State Power                    | 0 W                     |                         |   |                        |                       |        |
| Power Consumption                  | ASD-UHB2-100D35-STD     | 100 W                   | ASD-UHB2HV-100D50-PRM   | 100 W                  | ASD-UHB7-240D50-PRM   | 240 W  |
|                                    | ASD-UHB2-150D35-STD     | 150 W                   | ASD-UHB2HV-150D50-PRM   | 150 W                  | ASD-UHB7-300D50-PRM   | 300 W  |
|                                    | ASD-UHB2-200D35-STD     | 200 W                   | ASD-UHB2HV-200D50-PRM   | 200 W                  | ASD-UHB7-400D50-PRM   | 400 W  |
|                                    | ASD-UHB2-100D50-PRM     | 100 W                   | ASD-UHB2HV-240D50-PRM   | 240 W                  | ASD-UHB7-500D50-PRM   | 500 W  |
|                                    | ASD-UHB2-150D50-PRM     | 150 W                   | ASD-UHB22-100D50-MS-PRM   | 100 W                  | ASD-UHB7HV-300D50-PRM | 300 W  |
|                                    | ASD-UHB2-200D50-PRM     | 200 W                   | ASD-UHB22-150D50-MS-PRM   | 150 W                  | ASD-UHB7HV-400D50-PRM | 400 W  |
|                                    | ASD-UHB2-240D50-PRM     | 240 W                   | ASD-UHB22-200D50-MS-PRM   | 200 W                  | ASD-UHB7HV-500D50-PRM | 500 W  |
|                                    | ASD-UHB2-300D50-PRM     | 300 W                   | ASD-UHB22-240D50-MS-PRM   | 240 W                  |                       |        |
|                                    |                         | ASD-UHB22-300D50-MS-PRM | 300 W   |                        |                       |        |
| Power Factor                       | ASD-UHB2-100D35-STD     | 0.96                    | ASD-UHB2HV-100D50-PRM   | 0.95                   | ASD-UHB7-240D50-PRM   |        |
|                                    | ASD-UHB2-150D35-STD     | 0.97                    | ASD-UHB2HV-150D50-PRM   |                        | ASD-UHB7-300D50-PRM   |        |
|                                    | ASD-UHB2-200D35-STD     | 0.97                    | ASD-UHB2HV-200D50-PRM   |                        | ASD-UHB7-400D50-PRM   |        |
|                                    | ASD-UHB2-100D50-PRM     | 0.96                    | ASD-UHB2HV-240D50-PRM   |                        | ASD-UHB7-500D50-PRM   |        |
|                                    | ASD-UHB2-150D50-PRM     | 0.97                    | ASD-UHB22-100D50-MS-PRM   | > 0.9                  | ASD-UHB7HV-300D50-PRM |        |
|                                    | ASD-UHB2-200D50-PRM     | 0.97                    | ASD-UHB22-150D50-MS-PRM   |                        | ASD-UHB7HV-400D50-PRM |        |
|                                    | ASD-UHB2-240D50-PRM     | 0.97                    | ASD-UHB22-200D50-MS-PRM   |                        | ASD-UHB7HV-500D50-PRM |        |
|                                    | ASD-UHB2-300D50-PRM     | 0.98                    | ASD-UHB22-240D50-MS-PRM   |                        |                       |        |
|                                    |                         | ASD-UHB22-300D50-MS-PRM |   |                        |                       |        |
| Output voltage                     | ASD-UHB2-100D35-STD     | 130 V                   | ASD-UHB2HV-100D50-PRM   | 58 V                   | ASD-UHB7-240D50-PRM   |        |
|                                    | ASD-UHB2-150D35-STD     | 260 V                   | ASD-UHB2HV-150D50-PRM   |                        | ASD-UHB7-300D50-PRM   |        |
|                                    | ASD-UHB2-200D35-STD     |                         | ASD-UHB2HV-200D50-PRM   |                        | ASD-UHB7-400D50-PRM   |        |
|                                    | ASD-UHB2-100D50-PRM     | 130 V                   | ASD-UHB2HV-240D50-PRM   | 130 V                  | ASD-UHB7-500D50-PRM   |        |
|                                    | ASD-UHB2-150D50-PRM     |                         | ASD-UHB22-100D50-MS-PRM   |                        | ASD-UHB7HV-300D50-PRM |        |
|                                    | ASD-UHB2-200D50-PRM     | 260 V                   | ASD-UHB22-150D50-MS-PRM   |                        | ASD-UHB7HV-400D50-PRM |        |
|                                    | ASD-UHB2-240D50-PRM     |                         | ASD-UHB22-200D50-MS-PRM   |                        | ASD-UHB7HV-500D50-PRM |        |
|                                    | ASD-UHB2-300D50-PRM     | 56 V                    | ASD-UHB22-240D50-MS-PRM   | 260 V                  |                       |        |
|                                    |                         | ASD-UHB22-300D50-MS-PRM | 56 V  |                        |                       |        |
| Max output current                 | ASD-UHB2-100D35-STD     | 920 mA                  | ASD-UHB2HV-100D50-PRM   | 1.65 A                 | ASD-UHB7-240D50-PRM   | 1.85 A |
|                                    | ASD-UHB2-150D35-STD     | 570 mA                  | ASD-UHB2HV-150D50-PRM   | 2.6 A                  | ASD-UHB7-300D50-PRM   | 5.6 A  |
|                                    | ASD-UHB2-200D35-STD     | 770 mA                  | ASD-UHB2HV-200D50-PRM   | 4.1 A                  | ASD-UHB7-400D50-PRM   | 7.6 A  |
|                                    | ASD-UHB2-100D50-PRM     | 920 mA                  | ASD-UHB2HV-240D50-PRM   | 4.1 A                  | ASD-UHB7-500D50-PRM   | 9.5 A  |
|                                    | ASD-UHB2-150D50-PRM     | 570 mA                  | ASD-UHB22-100D50-MS-PRM   | 920 mA                 | ASD-UHB7HV-300D50-PRM | 5.6 A  |
|                                    | ASD-UHB2-200D50-PRM     | 770 mA                  | ASD-UHB22-150D50-MS-PRM   | 570 mA                 | ASD-UHB7HV-400D50-PRM | 7.6 A  |
|                                    | ASD-UHB2-240D50-PRM     | 920 mA                  | ASD-UHB22-200D50-MS-PRM   | 770 mA                 | ASD-UHB7HV-500D50-PRM | 9.5 A  |
|                                    | ASD-UHB2-300D50-PRM     | 5.4 A                   | ASD-UHB22-240D50-MS-PRM   | 920 mA                 |                       |        |
|                                    |                         | ASD-UHB22-300D50-MS-PRM | 5.4 A   |                        |                       |        |
| LED driver class                   | ASD-UHB2-100D35-STD     | Non-isolated            | ASD-UHB2HV-100D50-PRM   | Class 2                | ASD-UHB7-240D50-PRM   |        |
|                                    | ASD-UHB2-150D35-STD     |                         | ASD-UHB2HV-150D50-PRM   | Isolated               | ASD-UHB7-300D50-PRM   |        |
|                                    | ASD-UHB2-200D35-STD     |                         | ASD-UHB2HV-200D50-PRM   |                        | ASD-UHB7-400D50-PRM   |        |
|                                    | ASD-UHB2-100D50-PRM     | Non-isolated            | ASD-UHB2HV-240D50-PRM   | -                      | ASD-UHB7-500D50-PRM   |        |
|                                    | ASD-UHB2-150D50-PRM     |                         | ASD-UHB22-100D50-MS-PRM   |                        | ASD-UHB7HV-300D50-PRM |        |
|                                    | ASD-UHB2-200D50-PRM     |                         | ASD-UHB22-150D50-MS-PRM   |                        | ASD-UHB7HV-400D50-PRM |        |
|                                    | ASD-UHB2-240D50-PRM     |                         | ASD-UHB22-200D50-MS-PRM   |                        | ASD-UHB7HV-500D50-PRM |        |
|                                    | ASD-UHB2-300D50-PRM     | HL                      | ASD-UHB22-240D50-MS-PRM   |                        |                       |        |
|                                    |                         | ASD-UHB22-300D50-MS-PRM |   |                        |                       |        |
| <b>Dimming compatible controls</b> |                         |                         | <b>Regular and Voluntary Certifications</b>   |                        |                       |        |
| Brand                              | Leviton                 | Lutron                  | 5-year limited warranty   |                        |                       |        |
| Models                             | ZS057-DOZ               | DVTV                    | UHB22 series<br>not compatible<br>with dimmers  | cULus listed           |                       |        |
|                                    | IP710                   | DVSTV                   |   | E473804                |                       |        |
|                                    | DS710                   | NTSTV                   | DesignLights Consortium (DLC) listed (Classification: Standard and Premium series)  |                        |                       |        |
|                                    | DD710                   | MS-Z101                 | · Main: Indoor Luminaires; · General Application: High-Bay;<br>· Primary Use: High-Bay Luminaires for Commercial and Industrial Buildings |                        |                       |        |

This fixture features Integrated dimming and can be 1-10V, PWM signal or resistance dimming to save energy and achieve specific light levels. The LED UFO High Bay is designed to install as a surface mounted luminaire.

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

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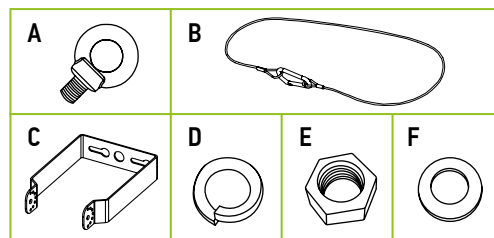


# LED UFO High Bay

Standard and Premium Series

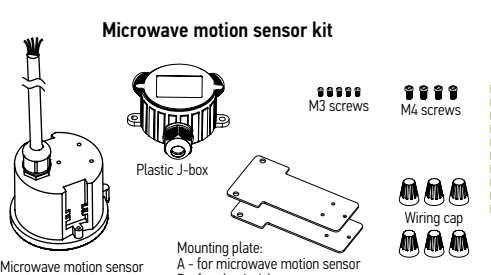
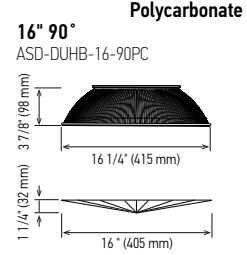
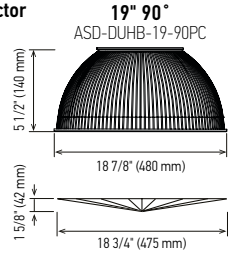
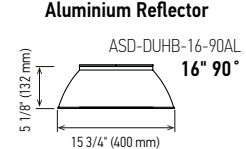
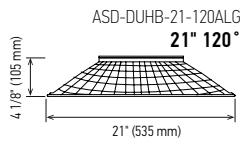
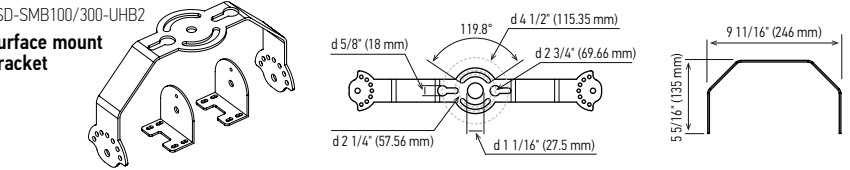
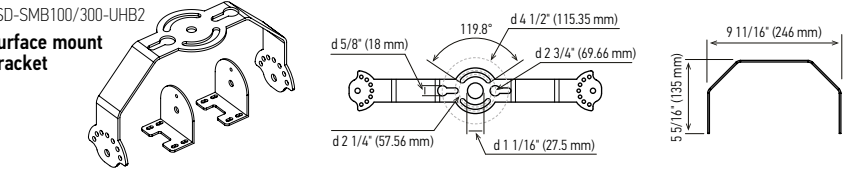

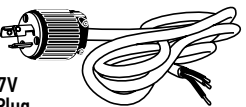
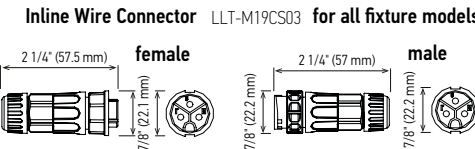
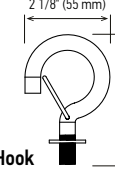
## PACKAGE CONTENTS:

| Description                 | Q-ty |
|-----------------------------|------|
| LED High Bay Fixture        | 1    |
| Mounting ring (A)           | 1    |
| Safety cable (B)            | 1    |
| Surface mount bracket (C)** | 1    |
| M12 Spring washer (D)*      | 1    |
| M18 Nut (E)**               | 1    |
| M18 Flat Washer (F)**       | 2    |
| Box                         | 1    |
| Installation Instructions   | 3    |



\*Only for UHB7 modification  
 \*\*Only for UHB7 modification (300W, 400W, 500W models)

## ACCESSORIES (sold separately):

| Accessories models   | Fixture models  |
|--|---|
| <p><b>Microwave motion sensor kit</b></p>  <p>Microwave motion sensor<br/>           Plastic J-box<br/>           Mounting plate:<br/>           A - for microwave motion sensor<br/>           B - for plastic J-box</p> <p>M3 screws<br/>           M4 screws<br/>           Wiring cap</p> <p><b>for regular voltage</b><br/>           UHB-MSK1</p> <p><b>for high voltage</b><br/>           UHBHV-MSK2</p>   | <p><b>Remote Control for UHB-MSK1</b><br/>           UHB-RC-MSK1</p> <p><b>Remote Control for UHBHV-MSK2</b><br/>           ASD-CELP02H-MS</p> <p>ASD-UHB2-100D35-STD<br/>           ASD-UHB2-150D35-STD<br/>           ASD-UHB2-200D35-STD<br/>           ASD-UHB7-240D50-PRM<br/>           ASD-UHB7-300D50-PRM</p> <p>ASD-UHB2-100D50-PRM<br/>           ASD-UHB2-150D50-PRM<br/>           ASD-UHB2-200D50-PRM<br/>           ASD-UHB2-240D50-PRM<br/>           ASD-UHB2-300D50-PRM</p>  |
| <p><b>Polycarbonate Reflector</b></p> <p><b>16" 90°</b><br/>           ASD-DUHB-16-90PC</p>  <p><b>for 16"</b> ASD-BLUHB-16PC</p> <p><b>19" 90°</b><br/>           ASD-DUHB-19-90PC</p>  <p><b>for 19"</b> ASD-BLUHB-19PC</p> <p><b>Aluminium Reflector</b></p> <p><b>16" 90°</b><br/>           ASD-DUHB-16-90AL</p>  <p><b>21" 120°</b><br/>           ASD-DUHB-21-120ALG</p>  | <p>ASD-UHB2-100D35-STD<br/>           ASD-UHB2-150D35-STD<br/>           ASD-UHB2-200D35-STD</p> <p>ASD-UHB2-100D50-PRM<br/>           ASD-UHB2-150D50-PRM<br/>           ASD-UHB2-200D50-PRM<br/>           ASD-UHB2-240D50-PRM<br/>           ASD-UHB2-300D50-PRM</p> <p>ASD-UHB22-100D50-MS-PRM<br/>           ASD-UHB22-150D50-MS-PRM<br/>           ASD-UHB22-200D50-MS-PRM<br/>           ASD-UHB22-240D50-MS-PRM<br/>           ASD-UHB22-300D50-MS-PRM</p> <p>ASD-UHB7-240D50-PRM<br/>           ASD-UHB7-300D50-PRM<br/>           ASD-UHB7HV-300D50-PRM</p> |
| <p><b>Surface mount Bracket</b></p> <p>ASD-SMB100/300-UHB2</p>  <p><b>Polycarbonate Bottom Conical Lens</b></p>    | <p>ASD-UHB2-100D35-STD<br/>           ASD-UHB2-150D35-STD<br/>           ASD-UHB2-200D35-STD</p> <p>ASD-UHB2-100D50-PRM<br/>           ASD-UHB2-150D50-PRM<br/>           ASD-UHB2-200D50-PRM<br/>           ASD-UHB2-240D50-PRM<br/>           ASD-UHB2-300D50-PRM</p> <p>ASD-UHB22-100D50-MS-PRM<br/>           ASD-UHB22-150D50-MS-PRM<br/>           ASD-UHB22-200D50-MS-PRM<br/>           ASD-UHB22-240D50-MS-PRM<br/>           ASD-UHB22-300D50-MS-PRM</p>  |
| <p><b>6-foot Cord 120V-277V Straight Blade Plug</b><br/>           ASD-CRD6-SBP-277V</p>  <p><b>6-foot Cord 120V-277V 3-Blade Twist-Lock Plug</b><br/>           ASD-CRD6-TLP-277V</p>    | <p>ASD-UHB2-100D35-STD<br/>           ASD-UHB2-150D35-STD<br/>           ASD-UHB2-200D35-STD</p> <p>ASD-UHB2-100D50-PRM<br/>           ASD-UHB2-150D50-PRM<br/>           ASD-UHB2-200D50-PRM<br/>           ASD-UHB2-240D50-PRM<br/>           ASD-UHB2-300D50-PRM</p> <p>ASD-UHB7-240D50-PRM<br/>           ASD-UHB7-300D50-PRM<br/>           ASD-UHB7-400D50-PRM<br/>           ASD-UHB7-500D50-PRM</p>   |
| <p><b>Inline Wire Connector</b> LLT-M19CS03 <b>for all fixture models</b></p>  <p><b>female</b> <b>male</b></p> <p>Note: For power wiring ONLY. Do not use for dimmer wires</p>   | <p><b>Hook</b><br/>           ASD-H02-UHB2</p>  <p>ASD-UHB2-100D35-STD<br/>           ASD-UHB2-150D35-STD<br/>           ASD-UHB2-200D35-STD</p> <p>ASD-UHB2-100D50-PRM<br/>           ASD-UHB2-150D50-PRM<br/>           ASD-UHB2-200D50-PRM</p> <p>ASD-UHB2HV-100D50-PRM<br/>           ASD-UHB2HV-150D50-PRM<br/>           ASD-UHB2HV-200D50-PRM</p> <p>ASD-UHB22-100D50-MS-PRM<br/>           ASD-UHB22-150D50-MS-PRM<br/>           ASD-UHB22-200D50-MS-PRM</p>             |

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





# LED UFO High Bay

Standard and Premium Series

## 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.

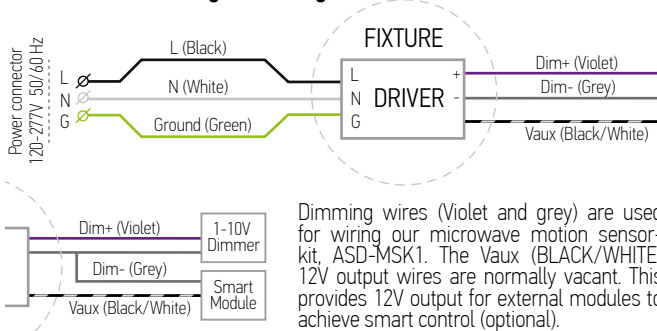
**Risk of electric shock:** This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

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

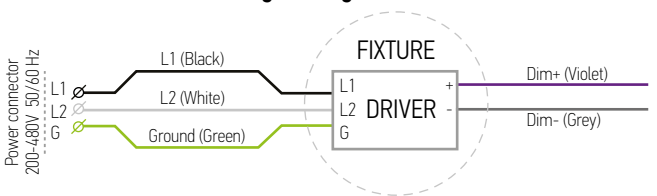
ASD® assumes no responsibility for claims arising out of improper or careless installation or handling of this product.

### ELECTRICAL SCHEMATIC DIAGRAM:

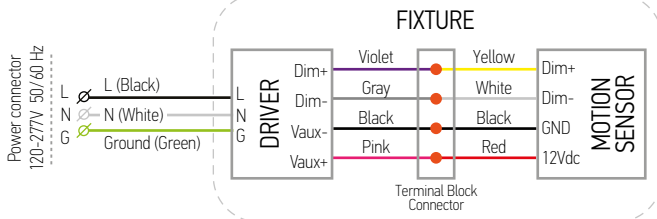
#### for UHB2/UHB7 Regular voltage



#### for UHB2HV/UHB7HV High voltage



#### for UHB22

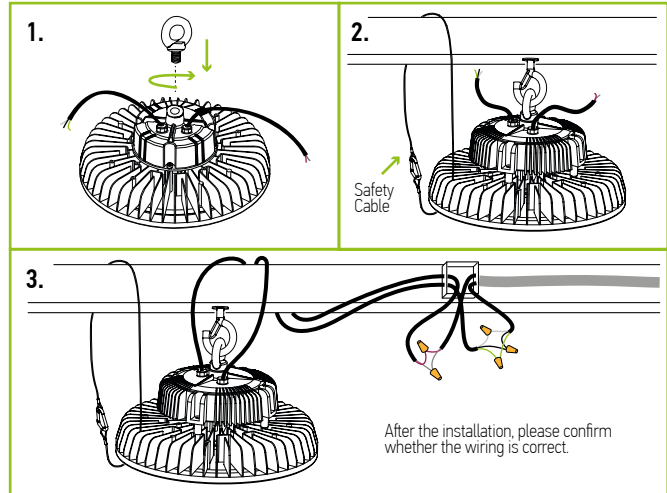


### INSTALLATION STEPS:

1. Screw the included Hanging Ring clockwise into the hole at the top of the fixture and tighten.
2. Using the Hanging Ring, hang the fixture on the hook in the ceiling. Attach one end of the included safety cable through the hole between the fins on the luminaire. Ensure the safety cable is secured on the fixture. Secure the other end of the safety cable to the mounting structure.
3. Connect the black wire (Line wire), white wire (Neutral) and yellow green (ground) to the appropriate wires inside the junction box. Alternatively, you may use our connector LLT-M19CS03 (not included). To make the lamp dimmable, please connect a 1-10 V dimmer(not included) with the dimming signal line of the lamp, connect the Dim + port and Dim – port with the corresponding line on the dimmer.

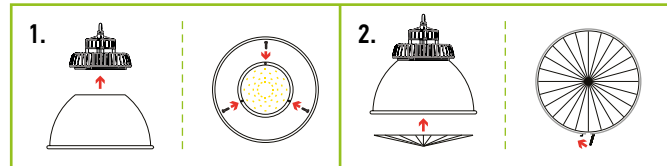
#### Note:

- ▶ The dimmer can also be replaced by an active 1-10V voltage source signal or passive components like resistors and zener diodes.
- ▶ Do NOT connect Dim- to be output V- or V+, otherwise the driver will not work properly.
- ▶ If 1-10V dimming is not used, Dim+ should be open.
- ▶ When 1-10V negative logic dimming mode and Dim+ is open, the driver will output minimum current



### DIFFUSER AND LENS INSTALLATION (sold separately):

1. Install the diffuser, tighten the screws
2. Attach the conical lens with included clamp



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

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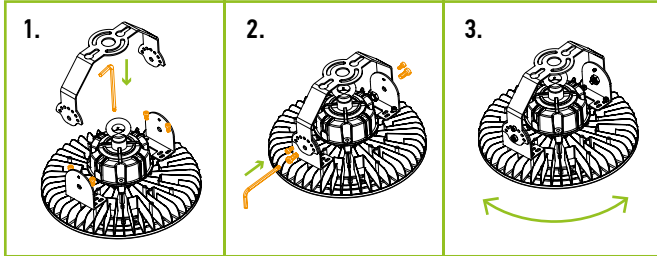


# LED UFO High Bay

Standard and Premium Series

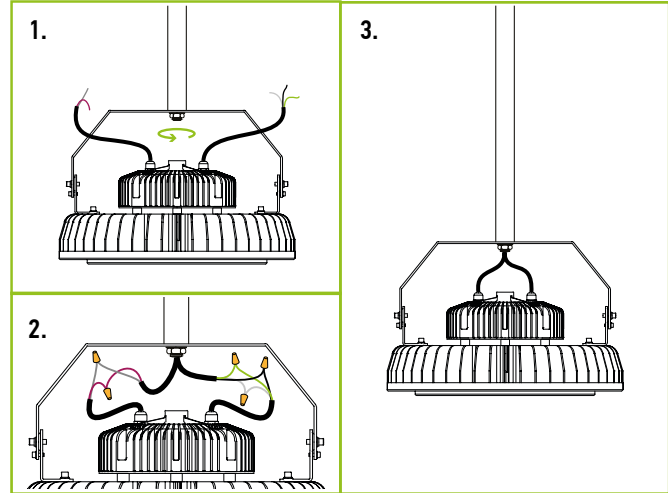
## BRACKET INSTALLATION (sold separately):

1. Use four PM5x16 mm screws (included) to install bracket swivel on the top of the lamp body.
2. Use two PM5x12 mm screws (include) to fix bracket on the swivels.
3. Adjust the lighting direction and fix it by two M8x20 mm screws (include).



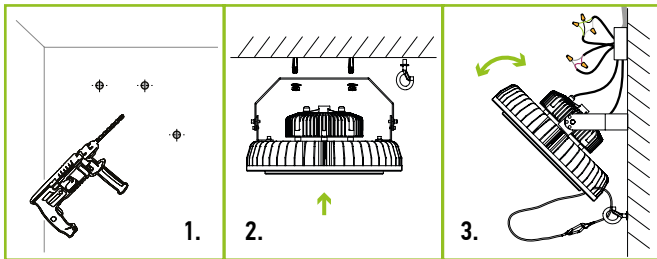
## POLE INSTALLATION:

1. Make sure your conduit can support the weight of the fixture. Attach bracket to pipe.
2. Connect power and dimming wires according to wiring diagram.
3. Put the wires inside the pole and finish installation.



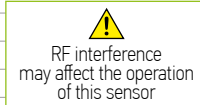
## WALL INSTALLATION:

1. Drill holes in the ceiling and install the expansion screws.
2. Surface mount bracket and hook directly to wall or beam.
3. Adjust bracket to desired angle. Clip safety cable to outside of UFO housing. Wire in accordance to wiring diagram. Finish installation and test.



## INTEGRATED MICROWAVE MOTION SENSOR INFORMATION

| Specifications         | Model HD06VCRH  |  |
|------------------------|---|--|
| For fixtures models    | ASD-UHB22-100D50-MS-PRM<br>ASD-UHB22-150D50-MS-PRM<br>ASD-UHB22-200D50-MS-PRM | ASD-UHB22-240D50-MS-PRM<br>ASD-UHB22-300D50-MS-PRM |
| Operating voltage      | 10-15VDC  |  |
| Operating current      | 30mA±5%   |  |
| Output                 | DIM 1-10V   |  |
| Stand-by power         | <0.5W   |  |
| Detection area         | 25%/50%/75%/100%  |  |
| Hold time              | 5s/30s/1min/3min/5min/10min/20min/30min                                       |  |
| Daylight threshold     | 2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable                                   |  |
| Stand-by period        | 0s/10s/30s/1min/5min/10min/30min/+∞   |  |
| Stand-by dimming level | 10%/20%/30%/50%   |  |
| Microwave frequency    | 5.8GHz±75MHz  |  |
| Microwave power        | <0.3mW  |  |
| Mounting height        | Max.15m/49.2ft  |  |
| Detection range        | Max.14m/45.92ft   |  |



- ▶ Sensor parameters can be conveniently set by a remote control
- ▶ Mounting height up to 45ft max., suitable for warehouse use
- ▶ Built-in adjustable daylight sensor
- ▶ Sensor default setting - 100% detection range, hold time 5S, no stand-by time and daylight threshold disabled

Adopted dual PD technology, is able to differentiate artificial light brightness from natural light after installed inside the fixture, and automatically turn off light when ambient brightness exceeds preset lux level.

Preconditions to use the Lux-off function:

1. Standby period is +∞
2. Standby dimming level is on 10% or 30%;
3. Daylight threshold is on 30Lux, 50Lux, 80Lux or 120Lux.

UF022 series use integrated motion sensors, which are controlled by remote (ASD-CELP02H-MS sold separate). For more information please check page 8.

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



# LED UFO High Bay

Standard and Premium Series

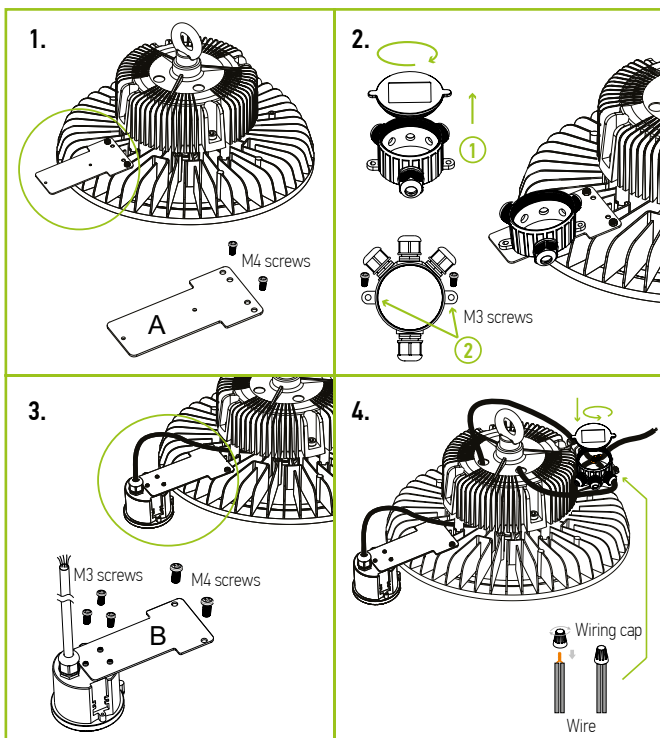
## MICROWAVE MOTION SENSOR KITS INFORMATION

- ▶ Sensor parameters can be conveniently set by a remote control
- ▶ Mounting height up to 15m max., suitable for warehouse use
- ▶ Water proof sensor with IP65 rating
- ▶ Automatic dimming when used in combination with 1-10V dimmable control gears
- ▶ Built-in adjustable daylight sensor
- ▶ 1-10V interface can match up with Merrytek stand-alone daylight sensor MS01 to achieve daylight harvesting
- ▶ Optional mounting brackets for different applications

| Specifications         | model UHB-MSK1 (sold separately)   |  |  | model UHBHV-MSK2 (sold separately)   |   |  |
|------------------------|--|--|--|--|---|--|
| For fixtures models    | ASD-UHB2-100D35-STD<br>ASD-UHB2-150D35-STD<br>ASD-UHB2-200D35-STD<br>ASD-UHB2-100D50-PRM | ASD-UHB2-150D50-PRM<br>ASD-UHB2-200D50-PRM<br>ASD-UHB2-240D50-PRM<br>ASD-UHB2-300D50-PRM | ASD-UHB7-240D50-PRM<br>ASD-UHB7-300D50-PRM<br>ASD-UHB7-400D50-PRM<br>ASD-UHB7-500D50-PRM | ASD-UHB2HV-100D50-PRM<br>ASD-UHB2HV-150D50-PRM<br>ASD-UHB2HV-200D50-PRM<br>ASD-UHB2HV-240D50-PRM | ASD-UHB7HV-300D50-PRM<br>ASD-UHB7HV-400D50-PRM<br>ASD-UHB7HV-500D50-PRM |  |
| Rated load             | 120 Vac - 400 W max; 277 Vac - 800 W max   |  |  | 347 Vac - 800 W max; 480 Vac - 1200 W max  |   |  |
| Detection area         | 25% / 50% / 75% / 100%   |  |  |  |   |  |
| Hold time              | 5 s/30 s/1 min/3 min/5 min/10 min/20 min/30 min  |  |  |  |   |  |
| Daylight sensor        | 5 lux/15 lux/30 lux/50 lux/100 lux/150 lux/Disable                                       |  |  | 2 lux/10 lux/30 lux/50 lux/80 lux/120 lux/Disable  |   |  |
| Stand-by period        | 0 s/10 s/1 min/3 min/5 min/10 min/30 min/+∞  |  |  |  |   |  |
| Stand-by dimming level | 10% / 20% / 30% / 50%  |  |  |  |   |  |
| Sensor principle       | Microwave motion detector  |  |  |  |   |  |
| Microwave frequency    | 5.8 GHz ± 75 MHz, ISM wave band  |  |  |  |   |  |
| Transmitting power     | <0.5 mW (1% of transmitting power for cell phone)  |  |  | <1 mW (1% of transmitting power for cell phone)  |   |  |
| Mounting height        | 3-15 m (10-50 ft)  |  |  |  |   |  |
| Detection angle        | 150° (Wall installation); 360° (Ceiling installation)                                    |  |  |  |   |  |
| Motion detection       | 0.5-3 m/s  |  |  |  |   |  |
| Operating temperature  | -31 to 158°F (-35°C to 70°C)   |  |  |  |   |  |
| IP rating              | IP65   |  |  |  |   |  |

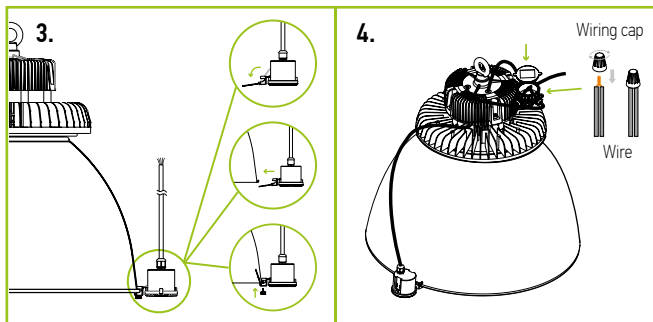
**⚠**  
RF interference  
may affect the operation  
of this sensor

### INSTALLATION STEPS ON FIXTURE WITHOUT REFLECTOR

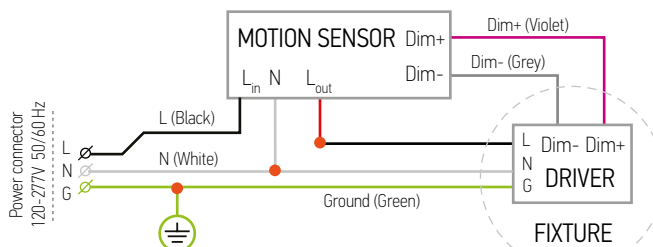


### ON FIXTURE WITH AL REFLECTOR

**Note:** while using PC reflector or PC reflector + conical lens sensor can be installed on fixture body. Installation on reflector needed while using Aluminum reflectors only  
Install j-box mounting plate as shown adjacent left (Step 1 and Step 2) for installation on fixture without reflector.



### ELECTRICAL SCHEMATIC DIAGRAM:



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



# LED UFO High Bay

Standard and Premium Series

## MOTION SENSOR UHB-MSK1 SETTINGS

Please follow the additional motion sensor manual to setup your motion sensor.

### USING DIP SWITCHES

Detection area, hold time, stand-by period, stand-by DIM level and daylight sensor can be set by using DIP switches on the sensor. Note that reducing the detection area will also reduce the sensitivity.

| ON ↑ | 1  |      |
|------|----|------|
| I    | ON | 100% |
| II   | -  | 50%  |

**Detection area**

| ON ↑ | 2  | 3  | 4  |       |
|------|----|----|----|-------|
| I    | ON | ON | ON | 5s    |
| II   | -  | ON | ON | 30s   |
| III  | ON | -  | ON | 1min  |
| IV   | -  | -  | ON | 3min  |
| V    | ON | ON | -  | 20min |
| VI   | -  | -  | -  | 30min |

**Hold time**  
Refers to the time period the lamp remains at 100% illumination after no motion detected.

| ON ↑ | 1  | 2  | 3  |       |
|------|----|----|----|-------|
| I    | ON | ON | ON | 0s    |
| II   | -  | ON | ON | 1min  |
| III  | ON | -  | ON | 3min  |
| IV   | -  | -  | ON | 10min |
| V    | ON | ON | -  | 30min |
| VI   | -  | -  | -  | +∞    |

**Stand-by period**

Refers to the time period the lamp remains at a pre-set dimming level before it completely switches off in the long absence of people. \*When set to 0s, the lamp will work in an on/off function. \*When daylight sensor is set to "Disable" and stand-by period to "+", the lamp will work using 2-step dimming control.

| ON ↑ | 4  | 5  |     |
|------|----|----|-----|
| I    | ON | ON | 10% |
| II   | ON | -  | 20% |
| III  | -  | ON | 30% |
| IV   | -  | -  | 50% |

**Stand-by dimming level**

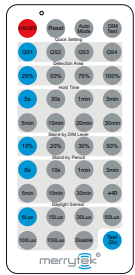
This is the pre-set dimming level you would like to have after the hold time in the long absence of people.

| ON ↑ | 6  | 7  | 8  | 9  |         |
|------|----|----|----|----|---------|
| I    | ON | ON | ON | ON | 5lux    |
| II   | -  | ON | ON | ON | 15lux   |
| III  | ON | -  | ON | ON | 30Lux   |
| IV   | -  | -  | ON | ON | 50Lux   |
| V    | ON | ON | -  | ON | 100Lux  |
| VI   | ON | ON | ON | -  | 150Lux  |
| VII  | -  | -  | -  | -  | Disable |

**Daylight sensor**







The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold. The settings are as follows: \*When set to Disable Mode, the sensor will switch on the lamp when motion is detected regardless of ambient light levels.

### USING REMOTE CONTROL UHB-PC-MSK1 (sold separately)



As the control angle of the Infrared Remote Control is fixed (15°), if sensors are installed too close to each other, settings of both sensors will be configured. Please refer to the below chart for the distance of the installation of the sensor:

| Mounting height | Distance between sensors |
|-----------------|--------------------------|
| 15m             | 4m                       |
| 12m             | 3.4m                     |
| 9m              | 2.4m                     |
| 6m              | 1.6m                     |
| 3m              | 0.8m                     |

| Button  | Remarks  |               |                 |                    |                 |                    |                 |     |      |     |      |     |      |     |      |      |      |     |       |     |      |      |       |     |       |     |      |       |       |     |         |
|---|--|---------------|-----------------|--------------------|-----------------|--------------------|-----------------|-----|------|-----|------|-----|------|-----|------|------|------|-----|-------|-----|------|------|-------|-----|-------|-----|------|-------|-------|-----|---------|
|    | Press the "ON/OFF" button, the light goes to constant on or constant off mode, sensor is disabled. Press "Reset" or "Auto Mode" button to quit from this mode.   |               |                 |                    |                 |                    |                 |     |      |     |      |     |      |     |      |      |      |     |       |     |      |      |       |     |       |     |      |       |       |     |         |
|   | Press "Reset" button, all parameters are same as setting of DIP switch.  |               |                 |                    |                 |                    |                 |     |      |     |      |     |      |     |      |      |      |     |       |     |      |      |       |     |       |     |      |       |       |     |         |
|  | Press "Auto Mode" button, the sensor starts to work and all parameter setting will remain the same as the previous status before the light was switched on/off.  |               |                 |                    |                 |                    |                 |     |      |     |      |     |      |     |      |      |      |     |       |     |      |      |       |     |       |     |      |       |       |     |         |
|  | Press "DIM Test" button to test dimming function. Sensor will dim automatically and return to normal work mode.  |               |                 |                    |                 |                    |                 |     |      |     |      |     |      |     |      |      |      |     |       |     |      |      |       |     |       |     |      |       |       |     |         |
|  | The button "Test(2s)" is for factory testing purpose only. The sensor will go to test mode. Detection sensitivity: 100%. Hold time: 2sec. Stand-by dim level: 10%. Stand-by period: 0s. Daylight sensor: Disable. Test mode can be quit by pressing any button.  |               |                 |                    |                 |                    |                 |     |      |     |      |     |      |     |      |      |      |     |       |     |      |      |       |     |       |     |      |       |       |     |         |
|  | <table border="1"> <thead> <tr> <th>Scene Options</th> <th>Detection Area</th> <th>Hold Time</th> <th>Stand-by period</th> <th>Stand-by dim level</th> <th>Daylight Sensor</th> </tr> </thead> <tbody> <tr> <td>QS1</td> <td>100%</td> <td>30s</td> <td>1min</td> <td>10%</td> <td>5Lux</td> </tr> <tr> <td>QS2</td> <td>100%</td> <td>1min</td> <td>3min</td> <td>10%</td> <td>10Lux</td> </tr> <tr> <td>QS3</td> <td>100%</td> <td>5min</td> <td>10min</td> <td>10%</td> <td>30Lux</td> </tr> <tr> <td>QS4</td> <td>100%</td> <td>10min</td> <td>30min</td> <td>10%</td> <td>Disable</td> </tr> </tbody> </table> <p>Note: Detection area / Hold time / Stand-by period / Stand-by dim level / Daylight sensor can be adjusted by pressing corresponding button. The latest setting stays valid.</p> | Scene Options | Detection Area  | Hold Time          | Stand-by period | Stand-by dim level | Daylight Sensor | QS1 | 100% | 30s | 1min | 10% | 5Lux | QS2 | 100% | 1min | 3min | 10% | 10Lux | QS3 | 100% | 5min | 10min | 10% | 30Lux | QS4 | 100% | 10min | 30min | 10% | Disable |
| Scene Options   | Detection Area   | Hold Time     | Stand-by period | Stand-by dim level | Daylight Sensor |                    |                 |     |      |     |      |     |      |     |      |      |      |     |       |     |      |      |       |     |       |     |      |       |       |     |         |
| QS1   | 100%   | 30s           | 1min            | 10%                | 5Lux            |                    |                 |     |      |     |      |     |      |     |      |      |      |     |       |     |      |      |       |     |       |     |      |       |       |     |         |
| QS2   | 100%   | 1min          | 3min            | 10%                | 10Lux           |                    |                 |     |      |     |      |     |      |     |      |      |      |     |       |     |      |      |       |     |       |     |      |       |       |     |         |
| QS3   | 100%   | 5min          | 10min           | 10%                | 30Lux           |                    |                 |     |      |     |      |     |      |     |      |      |      |     |       |     |      |      |       |     |       |     |      |       |       |     |         |
| QS4   | 100%   | 10min         | 30min           | 10%                | Disable         |                    |                 |     |      |     |      |     |      |     |      |      |      |     |       |     |      |      |       |     |       |     |      |       |       |     |         |












## MOTION SENSOR UHBHV-MSK2 AND INTEGRATED MICROWAVE MOTION SENSOR (in mod. UHB22) SETTINGS

Please follow the additional motion sensor manual to setup your motion sensor.

### USING REMOTE CONTROL ASD-CELPO2H-MS (sold separately)



Remote control waive is 10 ft, every fixture needs to be set up separately

|  | <b>ON / OFF</b>           | Press the "ON/OFF" button, the light stays permanently on or off. *Press "Auto Mode" , "RESET" or "Scene mode" buttons to quit from this mode.  |                 |                        |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
|---|---------------------------|---|-----------------|------------------------|--------------------|-----------------|------------------------|-----|------|-----|-------|------|-----|------|------|-----|-------|-----|------|-------|-----|-------|-----|------|-------|---------|----|
|  | <b>Auto Mode</b>          | Press "Auto Mode" button, the sensor starts to work and all settings remain the same before the light gets switched on/off.   |                 |                        |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
|  | <b>Reset</b>              | Press "RESET" button, products with DIP switch will be controlled by DIP switches   |                 |                        |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
| <b>Auto Mode</b>  |                           |   |                 |                        |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
|  | <b>Scene mode</b>         | <table border="1"> <thead> <tr> <th>Detection area</th> <th>Hold-time</th> <th>Daylight threshold</th> <th>Stand-by period</th> <th>Stand-by dimming level</th> </tr> </thead> <tbody> <tr> <td>SC1</td> <td>100%</td> <td>30s</td> <td>0.2Fc</td> <td>1min</td> </tr> <tr> <td>SC2</td> <td>100%</td> <td>5min</td> <td>1Fc</td> <td>10min</td> </tr> <tr> <td>SC3</td> <td>100%</td> <td>10min</td> <td>5Fc</td> <td>30min</td> </tr> <tr> <td>SC4</td> <td>100%</td> <td>30min</td> <td>Disable</td> <td>+∞</td> </tr> </tbody> </table> | Detection area  | Hold-time              | Daylight threshold | Stand-by period | Stand-by dimming level | SC1 | 100% | 30s | 0.2Fc | 1min | SC2 | 100% | 5min | 1Fc | 10min | SC3 | 100% | 10min | 5Fc | 30min | SC4 | 100% | 30min | Disable | +∞ |
| Detection area  | Hold-time                 | Daylight threshold  | Stand-by period | Stand-by dimming level |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
| SC1   | 100%                      | 30s   | 0.2Fc           | 1min                   |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
| SC2   | 100%                      | 5min  | 1Fc             | 10min                  |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
| SC3   | 100%                      | 10min   | 5Fc             | 30min                  |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
| SC4   | 100%                      | 30min   | Disable         | +∞                     |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
|  | <b>Test (2s)</b>          | The button "Test (2s)" is for testing purposes. After pressing this button, the sensor goes to test mode(hold time is only 2s) automatically, stand-by period and daylight sensor are disabled. This mode can be ended by pressing «reset», "Auto mode" «scene mode» or «hold time». The sensor setting is changed accordingly. Brightness settings: Disable Test mode (can press any key to exit this mode).   |                 |                        |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
|  | <b>On/off control</b>     | There are 4 fixed scene mode programs built into the remote control to choose for different applications.   |                 |                        |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
|  | <b>Daylight threshold</b> | Press the button "daylight sensor" to set daylight threshold as 0.2Fc / 1Fc / 3Fc / 5Fc / 8Fc / 11Fc / disable.   |                 |                        |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
|  | <b>Detection area</b>     | Press the button "detection range" to set detection range as 100% / 75% / 50% / 10%.  |                 |                        |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
|  | <b>Stand-by period</b>    | Press the button "stand-by period" to set stand-by period as 0s / 10s / 30s / 1min / 5min / 10min / 30min / +∞. Note: "0s" means on/off control; "+∞" means bi-level dimming control.   |                 |                        |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
|  | <b>Hold-time</b>          | Press the button "hold-time" to set hold-time as 5s / 30s / 1min / 3min / 5min / 10min / 20min / 30min.   |                 |                        |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
|  | <b>Stand-by dimming</b>   | Press the button "stand-by dimming level" to set the stand-by dimming level as 10% / 20% / 30% / 50%.   |                 |                        |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |

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





# LED UFO High Bay

Standard and Premium Series

## ORDERING INFORMATION

### LED UFO HIGH-BAY FIXTURE:

| Model                   | Watts | Motion Sensor | CCT     | Pcs in one Carton | Carton Size          | Carton Weight | UPC          |
|-------------------------|-------|---------------|---------|-------------------|----------------------|---------------|--------------|
| ASD-UHB2-100D35-STD     | 100 W | no            | 3,500 K | 1                 | 12.2" x 12.2" x 6.9" | 7.7 lb        | 819201025664 |
| ASD-UHB2-150D35-STD     | 150 W | no            | 3,500 K | 1                 | 12.2" x 12.2" x 6.9" | 7.7 lb        | 819201025671 |
| ASD-UHB2-200D35-STD     | 200 W | no            | 3,500 K | 1                 | 12.2" x 12.2" x 7.7" | 8.6 lb        | 819201025688 |
| ASD-UHB2-100D50-PRM     | 100 W | no            | 5,000 K | 1                 | 12.2" x 12.2" x 6.9" | 7.7 lb        | 819201023486 |
| ASD-UHB2-150D50-PRM     | 150 W | no            | 5,000 K | 1                 | 12.2" x 12.2" x 6.9" | 7.7 lb        | 819201023493 |
| ASD-UHB2-200D50-PRM     | 200 W | no            | 5,000 K | 1                 | 12.2" x 12.2" x 7.7" | 8.6 lb        | 819201023509 |
| ASD-UHB2-240D50-PRM     | 240 W | no            | 5,000 K | 1                 | 15.2" x 15.2" x 7.9" | 10 lb         | 819201024018 |
| ASD-UHB2-300D50-PRM     | 300 W | no            | 5,000 K | 1                 | 15.2" x 15.2" x 7.9" | 17.2 lb       | 819201025855 |
| ASD-UHB2HV-100D50-PRM   | 100 W | no            | 5,000 K | 1                 | 12.2" x 12.2" x 6.9" | 7.7 lb        | 819201023516 |
| ASD-UHB2HV-150D50-PRM   | 150 W | no            | 5,000 K | 1                 | 12.2" x 12.2" x 6.9" | 8.4 lb        | 819201023523 |
| ASD-UHB2HV-200D50-PRM   | 200 W | no            | 5,000 K | 1                 | 12.2" x 12.2" x 7.7" | 9.7 lb        | 819201023530 |
| ASD-UHB2HV-240D50-PRM   | 240 W | no            | 5,000 K | 1                 | 15.2" x 15.2" x 7.9" | 10 lb         | 819201026029 |
| ASD-UHB22-100D50-MS-PRM | 100 W | yes           | 5,000 K | 1                 | 15.4" x 15.4" x 9.4" | 8.6 lb        | 819201026937 |
| ASD-UHB22-150D50-MS-PRM | 150 W | yes           | 5,000 K | 1                 | 15.4" x 15.4" x 9.4" | 8.8 lb        | 819201026944 |
| ASD-UHB22-200D50-MS-PRM | 200 W | yes           | 5,000 K | 1                 | 15.4" x 15.4" x 10"  | 8.8 lb        | 819201026951 |
| ASD-UHB22-240D50-MS-PRM | 240 W | yes           | 5,000 K | 1                 | 15.4" x 15.4" x 10"  | 9 lb          | 819201026968 |
| ASD-UHB22-300D50-MS-PRM | 300 W | yes           | 5,000 K | 1                 | 15.4" x 15.4" x 10"  | 13.5 lb       | 819201026975 |
| ASD-UHB7-240D50-PRM     | 240 W | yes           | 5,000 K | 1                 | 13" x 13" x 8"       | 14.8 lb       | 819201025862 |
| ASD-UHB7-300D50-PRM     | 300 W | yes           | 5,000 K | 1                 | 15" x 15" x 11"      | 19.6 lb       | 819201025879 |
| ASD-UHB7-400D50-PRM     | 400 W | yes           | 5,000 K | 1                 | 16" x 16" x 11"      | 24 lb         | 819201025886 |
| ASD-UHB7-500D50-PRM     | 500 W | yes           | 5,000 K | 1                 | 16" x 16" x 11"      | 24.5 lb       | 819201025893 |
| ASD-UHB7HV-300D50-PRM   | 300 W | yes           | 5,000 K | 1                 | 15" x 15" x 11"      | 20 lb         | 819201025909 |
| ASD-UHB7HV-400D50-PRM   | 400 W | yes           | 5,000 K | 1                 | 16" x 16" x 11"      | 24.9 lb       | 819201025916 |
| ASD-UHB7HV-500D50-PRM   | 500 W | yes           | 5,000 K | 1                 | 16" x 16" x 11"      | 24.9 lb       | 819201025923 |

### ACCESSORIES:

| Model               | Name   | Materials       | Weight           | Dimensions                  |
|---------------------|--|-----------------|------------------|-----------------------------|
| ASD-H02-UHB2        | Hook for LED UFO High Bays UHB2                                    | Stainless Steel | 0.2 lb (0.1 kg)  | 3 1/2" x 2 1/8" x 1"        |
| ASD-SMB100/300-UHB2 | Surface mount Bracket for 100/300W LED UFO High Bays UHB2          | Iron            | 1 lb (0.4 kg)    | 9 11/16" x 3 1/8" x 5 5/16" |
| ASD-DUHB-16-90AL    | Aluminium Reflector 16" 90° for LED UFO High Bays UHB              | Aluminum        | 1.4 lb (0.6 kg)  | 15 3/4" x 5 1/8"            |
| ASD-DUHB-21-120ALG  | Aluminium Reflector 21" 120° for LED UFO High Bays UHB             | Aluminum        | 1.1 lb (0.5 kg)  | 21" x 4 1/8"                |
| ASD-DUHB-16-90PC    | Polycarbonate Reflector 16" 90° for LED UFO High Bays UHB          | Polycarbonate   | 1.4 lb (0.6 kg)  | 16 1/4" x 3 7/8"            |
| ASD-DUHB-19-90PC    | Polycarbonate Reflector 19" 90° for LED UFO High Bays UHB          | Polycarbonate   | 1.3 lb (0.6 kg)  | 18 7/8" x 5 1/2"            |
| ASD-BLUHB-16PC      | Polycarbonate Bottom Conical Lens for 16" Reflector DUHB           | Polycarbonate   | 1.1 lb (0.5 kg)  | 16" x 1 1/4"                |
| ASD-BLUHB-19PC      | Polycarbonate Bottom Conical Lens for 19" Reflector DUHB           | Polycarbonate   | 1.4 lb (0.6 kg)  | 18 3/4" x 1 5/8"            |
| UHB-MSK1            | Microwave motion sensor kit for LED UFO High Bays UHB              | Polycarbonate   | 1 lb (0.4 kg)    | 3 1/8" x 2 1/2"             |
| UHB-RC-MSK1         | Remote Control   | Nylon           | 0.1 lb (0.04 kg) | 4 1/2" x 2 1/8" x 1/2"      |
| UHBHV-MSK2          | Microwave motion sensor kit High Voltage for LED UFO High Bays UHB | Polycarbonate   | 1.1 lb (0.5 kg)  | 3 1/8" x 2 1/2"             |
| ASD-CELP02H-MS      | Remote Control   | Nylon           | 0.1 lb (0.04 kg) | 2" x 1" x 1/2"              |
| LLT-M19CS03         | Inline Wire Connector  | Nylon           | 0.1 lb (0.04 kg) | 7 5/8" x 2 1/8"             |
| ASD-CRD6-TLP-277V   | 6-foot Cord 120V-277V 3-Blade Twist-Lock Plug                      | PVC+PC          | 0.6 lbs (0.3 kg) | 70 7/8" x 3/8"              |
| ASD-CRD6-SBP-277V   | 6-foot Cord 120V-277V Straight Blade Plug                          | PVC+PC          | 0.7 lbs (0.3 kg) | 70 7/8" x 3/8"              |

| Model               | Pcs in one Carton | Carton Size           | Carton Weight | UPC          | GTIN 14        |
|---------------------|-------------------|-----------------------|---------------|--------------|----------------|
| ASD-H02-UHB2        | 200               | 18.3" x 9.3" x 10.6"  | 41.7 lbs      | 819201025312 | 10819201025319 |
| ASD-SMB100/300-UHB2 | 20                | 20.3" x 16.9" x 11.8" | 23.1 lbs      | 819201026999 | 10819201026996 |
| ASD-DUHB-16-90AL    | 20                | 16.5" x 16.5" x 14.6" | 16.8 lbs      | 819201020621 | 10819201020628 |
| ASD-DUHB-21-120ALG  | 10                | 22" x 22" x 7.5"      | 14.6 lbs      | 819201020638 | 10819201020635 |
| ASD-DUHB-16-90PC    | 10                | 16.9" x 16.9" x 7.9"  | 16.8 lbs      | 819201020607 | 10819201020604 |
| ASD-DUHB-19-90PC    | 10                | 19.7" x 19.7" x 9.1"  | 16.1 lbs      | 819201020614 | 10819201020611 |
| ASD-BLUHB-16PC      | 10                | 16.9" x 16.9" x 5.1"  | 11.7 lbs      | 819201020645 | 10819201020642 |
| ASD-BLUHB-19PC      | 10                | 19.7" x 19.7" x 5.1"  | 16.1 lbs      | 819201020652 | 10819201020659 |
| UHB-MSK1            | 40                | 20.7" x 12.4" x 19"   | 49.0 lbs      | 819201021994 | 10819201021991 |
| UHB-RC-MSK1         | 100               | 9.8" x 6.9" x 12"     | 11.3 lbs      | 819201022007 | 10819201022004 |
| UHBHV-MSK2          | 32                | 21.9" x 14.8" x 12.6" | 40.2 lbs      | 819201025848 | 20819201025842 |
| ASD-CELP02H-MS      | 50                | 11.4" x 6.5" x 5.3"   | 6.6 lbs       | 819201023479 | 10819201023476 |
| LLT-M19CS03         | 1000              | 17.7" x 11" x 10.2"   | 55.1 lbs      | 819201020591 | 10819201020598 |
| ASD-CRD6-TLP-277V   | 25                | 10.8" x 9.8" x 11.6"  | 15.9 lbs      | 819201026296 | 10819201026293 |
| ASD-CRD6-SBP-277V   | 25                | 10.8" x 9.8" x 11.6"  | 17.6 lbs      | 819201026302 | 10819201026309 |

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

ASD LIGHTING CORP

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# LED UFO High Bay

## Standard and Premium Series

Our UFO style round high bay is the latest in LED technology. More efficient and longer lasting, our IP65 – WET location rated, LED UFO high bay fixture achieves desired light levels while using less power per fixture than most other LED High bay fixtures. Light can be dimmed to ideal brightness levels to save energy and achieve the exact light level needed for your application.

This one-piece aluminum heat sink provides excellent thermal management and gives the fixture it's water-tight IP65 rating. This fixture features Integrated dimming and can be used with 1-10v, PWM and VR dimmers to save energy and achieve specific light levels. Optional accessories include 16" and 21" aluminum reflectors, 16" and 19" polycarbonate reflectors and diffusers, and twist lock connectors.

This fixture is the perfect commercial or industrial solution for warehouses, supermarkets, retail stores, gyms, garages, general task areas and many other applications.

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



### FEATURES AND BENEFITS:

- ▶ Integrated sensor models are available
- ▶ Dimmable (1-10v, PWM and VR dimmers)
- ▶ PF/THD: > 0.9 / < 15%
- ▶ Operating temperature -22 to 122°F (-30 to 50°C)
- ▶ L-70 Life > 54,000 hrs
- ▶ cULus listed
- ▶ Design Lights Consortium (DLC) listed (Classification: Standard and Premium Series)
- ▶ 5 Year warranty

### PRODUCT LEGEND:

| Family           | Modification | Voltage           | Watts                    | Dimmable | CCT          | Option        | Series         |
|------------------|--------------|-------------------|--------------------------|----------|--------------|---------------|----------------|
| ASD-UHB          | XX           | XX                | XX                       | D        | XX           | MS            | XXX            |
| LED UFO High Bay | 2            | Blank = Regular   | 100 = 100 W; 150 = 150 W | Dimmable | 35 = 3,500 K | Motion sensor | STD = Standard |
|                  | 22           | HV = High Voltage | 200 = 200 W; 240 = 240 W |          | 50 = 5,000 K |               | PRM = Premium  |
|                  | 7            |                   | 300 = 300 W; 400 = 400 W |          |              |               |                |
|                  |              |                   | 500 = 500 W              |          |              |               |                |

### LED UFO HIGH BAY FIXTURE:

| Model                   | Watts | Voltage  | Dimming | Motion Sensor | CCT     | Lumens    | Dimensions (LxWxH)           | Cord |
|-------------------------|-------|----------|---------|---------------|---------|-----------|------------------------------|------|
| ASD-UHB2-100D35-STD     | 100 W | 120-277V | yes     | -             | 3,500 K | 12,799 lm | 10 1/4" x 10 1/4" x 5 1/16"  | 4 ft |
| ASD-UHB2-150D35-STD     | 150 W | 120-277V | yes     | -             | 3,500 K | 18,069 lm | 10 1/4" x 10 1/4" x 5 1/16"  | 4 ft |
| ASD-UHB2-200D35-STD     | 200 W | 120-277V | yes     | -             | 3,500 K | 24,706 lm | 10 1/4" x 10 1/4" x 5 15/16" | 4 ft |
| ASD-UHB2-100D50-PRM     | 100 W | 120-277V | yes     | -             | 5,000 K | 15,288 lm | 10 1/4" x 10 1/4" x 5 5/16"  | 4 ft |
| ASD-UHB2-150D50-PRM     | 150 W | 120-277V | yes     | -             | 5,000 K | 22,703 lm | 10 1/4" x 10 1/4" x 5 5/16"  | 4 ft |
| ASD-UHB2-200D50-PRM     | 200 W | 120-277V | yes     | -             | 5,000 K | 29,776 lm | 10 1/4" x 10 1/4" x 5 15/16" | 4 ft |
| ASD-UHB2-240D50-PRM     | 240 W | 120-277V | yes     | -             | 5,000 K | 35,623 lm | 12 5/8" x 12 5/8" x 5 5/8"   | 4 ft |
| ASD-UHB2-300D50-PRM     | 300 W | 120-277V | yes     | -             | 5,000 K | 41,350 lm | 12 5/8" x 12 5/8" x 6 3/16"  | 4 ft |
| ASD-UHB2HV-100D50-PRM   | 100 W | 200-480V | yes     | -             | 5,000 K | 13,905 lm | 10 1/4" x 10 1/4" x 5 5/16"  | 4 ft |
| ASD-UHB2HV-150D50-PRM   | 150 W | 200-480V | yes     | -             | 5,000 K | 20,510 lm | 10 1/4" x 10 1/4" x 5 5/16"  | 4 ft |
| ASD-UHB2HV-200D50-PRM   | 200 W | 200-480V | yes     | -             | 5,000 K | 26,921 lm | 10 1/4" x 10 1/4" x 6 5/16"  | 4 ft |
| ASD-UHB2HV-240D50-PRM   | 240 W | 200-480V | yes     | -             | 5,000 K | 33,286 lm | 12 5/8" x 12 5/8" x 5 3/4"   | 4 ft |
| ASD-UHB22-100D50-MS-PRM | 100 W | 120-277V | yes     | yes           | 5,000 K | 15,144 lm | 12 5/8" x 12 5/8" x 7 1/2"   | 4 ft |
| ASD-UHB22-150D50-MS-PRM | 150 W | 120-277V | yes     | yes           | 5,000 K | 22,622 lm | 12 5/8" x 12 5/8" x 7 1/2"   | 4 ft |
| ASD-UHB22-200D50-MS-PRM | 200 W | 120-277V | yes     | yes           | 5,000 K | 29,789 lm | 12 5/8" x 12 5/8" x 8 1/8"   | 4 ft |
| ASD-UHB22-240D50-MS-PRM | 240 W | 120-277V | yes     | yes           | 5,000 K | 35,623 lm | 12 5/8" x 12 5/8" x 8 1/8"   | 4 ft |
| ASD-UHB22-300D50-MS-PRM | 300 W | 120-277V | yes     | yes           | 5,000 K | 41,832 lm | 12 5/8" x 12 5/8" x 8 5/8"   | 4 ft |
| ASD-UHB7-240D50-PRM     | 240 W | 120-277V | yes     | -             | 5,000 K | 36,272 lm | 11 3/8" x 11 3/8" x 8 3/8"   | 4 ft |
| ASD-UHB7-300D50-PRM     | 300 W | 120-277V | yes     | -             | 5,000 K | 45,760 lm | 12 5/8" x 12 5/8" x 10 1/2"  | 4 ft |
| ASD-UHB7-400D50-PRM     | 400 W | 120-277V | yes     | -             | 5,000 K | 60,967 lm | 14 1/8" x 14 1/8" x 14 1/4"  | 4 ft |
| ASD-UHB7-500D50-PRM     | 500 W | 120-277V | yes     | -             | 5,000 K | 75,234 lm | 14 1/8" x 14 1/8" x 14 1/4"  | 4 ft |
| ASD-UHB7HV-300D50-PRM   | 300 W | 200-480V | yes     | -             | 5,000 K | 44,816 lm | 12 5/8" x 12 5/8" x 10 1/2"  | 4 ft |
| ASD-UHB7HV-400D50-PRM   | 400 W | 200-480V | yes     | -             | 5,000 K | 60,143 lm | 14 1/8" x 14 1/8" x 14 1/4"  | 4 ft |
| ASD-UHB7HV-500D50-PRM   | 500 W | 200-480V | yes     | -             | 5,000 K | 74,896 lm | 14 1/8" x 14 1/8" x 14 1/4"  | 4 ft |

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



# LED UFO High Bay

## Standard and Premium Series

### PRODUCT SPECIFICATIONS:

| Construction & Materials     |                                  |                         |                         |                       |                       |                    |
|------------------------------|----------------------------------|-------------------------|-------------------------|-----------------------|-----------------------|--------------------|
| Housing                      | Die cast Aluminum                |                         |                         |                       |                       |                    |
| Finish                       | Black                            |                         |                         |                       |                       |                    |
| Weight                       | ASD-UHB2-100D35-STD              | 6 lb (2.7 kg)           | ASD-UHB2HV-100D50-PRM   | 6 lb (2.7 kg)         | ASD-UHB7-240D50-PRM   | 11.5 lb (5.2 kg)   |
|                              | ASD-UHB2-150D35-STD              | 6 lb (2.7 kg)           | ASD-UHB2HV-150D50-PRM   | 6.6 lb (3 kg)         | ASD-UHB7-300D50-PRM   | 16.3 lb (7.4 kg)   |
|                              | ASD-UHB2-200D35-STD              | 7.1 lb (3.2 kg)         | ASD-UHB2HV-200D50-PRM   | 8.4 lb (3.8 kg)       | ASD-UHB7-400D50-PRM   | 20.7 lb (9.4 kg)   |
|                              | ASD-UHB2-100D50-PRM              | 6 lb (2.7 kg)           | ASD-UHB2HV-240D50-PRM   | 8.4 lb (3.8 kg)       | ASD-UHB7-500D50-PRM   | 21.2 lb (9.6 kg)   |
|                              | ASD-UHB2-150D50-PRM              | 6 lb (2.7 kg)           | ASD-UHB22-100D50-MS-PRM | 6.5 lb (3 kg)         | ASD-UHB7HV-300D50-PRM | 16.8 lb (7.6 kg)   |
|                              | ASD-UHB2-200D50-PRM              | 7.1 lb (3.2 kg)         | ASD-UHB22-150D50-MS-PRM | 6.7 lb (3 kg)         | ASD-UHB7HV-400D50-PRM | 21.6 lb (9.8 kg)   |
|                              | ASD-UHB2-240D50-PRM              | 8.4 lb (3.8 kg)         | ASD-UHB22-200D50-MS-PRM | 6.7 lb (3 kg)         | ASD-UHB7HV-500D50-PRM | 21.6 lb (9.8 kg)   |
|                              | ASD-UHB2-300D50-PRM              | 15 lb (6.8 kg)          | ASD-UHB22-240D50-MS-PRM | 7.1 lb (3.2 kg)       |                       |                    |
|                              |                                  |                         | ASD-UHB22-300D50-MS-PRM | 11.5 lb (5.2 kg)      |                       |                    |
| Environmental System         |                                  |                         |                         |                       |                       |                    |
| Work Environment             | Suitable for Wet Locations, IP65 |                         |                         |                       |                       |                    |
| Operating Temperature        | -22°F to 122°F (-30°C to 50°C)   |                         |                         |                       |                       |                    |
| L-70 Life                    | UHB2 / UHB2HV                    | > 54,000 hrs            | UHB22 / UHB7 / UHB7HV   | > 50,000 hrs          |                       |                    |
| Optical System               |                                  |                         |                         |                       |                       |                    |
| Luminous Flux                | ASD-UHB2-100D35-STD              | 12,799 lm               | ASD-UHB2HV-100D50-PRM   | 13,905 lm             | ASD-UHB7-240D50-PRM   | 36,272 lm          |
|                              | ASD-UHB2-150D35-STD              | 18,069 lm               | ASD-UHB2HV-150D50-PRM   | 20,510 lm             | ASD-UHB7-300D50-PRM   | 45,760 lm          |
|                              | ASD-UHB2-200D35-STD              | 24,706 lm               | ASD-UHB2HV-200D50-PRM   | 26,921 lm             | ASD-UHB7-400D50-PRM   | 60,967 lm          |
|                              | ASD-UHB2-100D50-PRM              | 15,288 lm               | ASD-UHB2HV-240D50-PRM   | 33,286 lm             | ASD-UHB7-500D50-PRM   | 75,234 lm          |
|                              | ASD-UHB2-150D50-PRM              | 22,703 lm               | ASD-UHB22-100D50-MS-PRM | 15,144 lm             | ASD-UHB7HV-300D50-PRM | 44,816 lm          |
|                              | ASD-UHB2-200D50-PRM              | 29,776 lm               | ASD-UHB22-150D50-MS-PRM | 22,622 lm             | ASD-UHB7HV-400D50-PRM | 60,143 lm          |
|                              | ASD-UHB2-240D50-PRM              | 35,623 lm               | ASD-UHB22-200D50-MS-PRM | 29,789 lm             | ASD-UHB7HV-500D50-PRM | 74,896 lm          |
|                              | ASD-UHB2-300D50-PRM              | 41,350 lm               | ASD-UHB22-240D50-MS-PRM | 35,623 lm             |                       |                    |
|                              |                                  |                         | ASD-UHB22-300D50-MS-PRM | 41,832 lm             |                       |                    |
| Color Temperature            | 3,500 K, 5,000 K                 |                         |                         |                       |                       |                    |
| CRI                          | ASD-UHB2-100D35-STD              | >70                     | ASD-UHB2HV-100D50-PRM   | >80                   | ASD-UHB7-240D50-PRM   | >70                |
|                              | ASD-UHB2-150D35-STD              |                         | ASD-UHB2HV-150D50-PRM   |                       | ASD-UHB7-300D50-PRM   |                    |
|                              | ASD-UHB2-200D35-STD              |                         | ASD-UHB2HV-200D50-PRM   |                       | ASD-UHB7-400D50-PRM   |                    |
|                              | ASD-UHB2-100D50-PRM              | >70                     | ASD-UHB2HV-240D50-PRM   | >70                   | ASD-UHB7-500D50-PRM   | >70                |
|                              | ASD-UHB2-150D50-PRM              |                         | ASD-UHB22-100D50-MS-PRM | ASD-UHB7HV-300D50-PRM |                       |                    |
|                              | ASD-UHB2-200D50-PRM              |                         | ASD-UHB22-150D50-MS-PRM | ASD-UHB7HV-400D50-PRM |                       |                    |
|                              | ASD-UHB2-240D50-PRM              | >80                     | ASD-UHB22-200D50-MS-PRM | >80                   | ASD-UHB7HV-500D50-PRM |                    |
|                              | ASD-UHB2-300D50-PRM              |                         | ASD-UHB22-240D50-MS-PRM |                       |                       |                    |
|                              |                                  | ASD-UHB22-300D50-MS-PRM |                         |                       |                       |                    |
| Electrical System            |                                  |                         |                         |                       |                       |                    |
| Input Voltage                | ASD-UHB2-100D35-STD              | 120-277VAC 50/60Hz      | ASD-UHB2HV-100D50-PRM   | 200-480VAC 50/60Hz    | ASD-UHB7-240D50-PRM   | 120-277VAC 50/60Hz |
|                              | ASD-UHB2-150D35-STD              |                         | ASD-UHB2HV-150D50-PRM   |                       | ASD-UHB7-300D50-PRM   |                    |
|                              | ASD-UHB2-200D35-STD              |                         | ASD-UHB2HV-200D50-PRM   |                       | ASD-UHB7-400D50-PRM   |                    |
|                              | ASD-UHB2-100D50-PRM              |                         | ASD-UHB2HV-240D50-PRM   |                       | ASD-UHB7-500D50-PRM   |                    |
|                              | ASD-UHB2-150D50-PRM              |                         | ASD-UHB22-100D50-MS-PRM | ASD-UHB7HV-300D50-PRM | 200-480VAC 50/60Hz    |                    |
|                              | ASD-UHB2-200D50-PRM              |                         | ASD-UHB22-150D50-MS-PRM | ASD-UHB7HV-400D50-PRM |                       |                    |
|                              | ASD-UHB2-240D50-PRM              |                         | ASD-UHB22-200D50-MS-PRM | ASD-UHB7HV-500D50-PRM |                       |                    |
|                              | ASD-UHB2-300D50-PRM              |                         | ASD-UHB22-240D50-MS-PRM |                       |                       |                    |
|                              |                                  | ASD-UHB22-300D50-MS-PRM |                         |                       |                       |                    |
| Max input current            | ASD-UHB2-100D35-STD              | 1.44 A                  | ASD-UHB2HV-100D50-PRM   | 0.6 A                 | ASD-UHB7-240D50-PRM   | 0.6 A              |
|                              | ASD-UHB2-150D35-STD              | 1.8 A                   | ASD-UHB2HV-150D50-PRM   | 0.9 A                 | ASD-UHB7-300D50-PRM   |                    |
|                              | ASD-UHB2-200D35-STD              | 2.4 A                   | ASD-UHB2HV-200D50-PRM   | 1.2 A                 | ASD-UHB7-400D50-PRM   |                    |
|                              | ASD-UHB2-100D50-PRM              | 1.44 A                  | ASD-UHB2HV-240D50-PRM   | 1.2 A                 | ASD-UHB7-500D50-PRM   |                    |
|                              | ASD-UHB2-150D50-PRM              | 1.8 A                   | ASD-UHB22-100D50-MS-PRM | 0.6 A                 | ASD-UHB7HV-300D50-PRM | 0.6 A              |
|                              | ASD-UHB2-200D50-PRM              | 2.4 A                   | ASD-UHB22-150D50-MS-PRM |                       | ASD-UHB7HV-400D50-PRM |                    |
|                              | ASD-UHB2-240D50-PRM              | 2.88 A                  | ASD-UHB22-200D50-MS-PRM |                       | ASD-UHB7HV-500D50-PRM |                    |
|                              | ASD-UHB2-300D50-PRM              | 3.6 A                   | ASD-UHB22-240D50-MS-PRM |                       |                       |                    |
|                              |                                  | ASD-UHB22-300D50-MS-PRM |                         |                       |                       |                    |
| Inrush current (Action time) | ASD-UHB2-100D35-STD              | 100 A (0.15 S)          | ASD-UHB2HV-100D50-PRM   | 60 A (0.5 S)          | ASD-UHB7-240D50-PRM   | 35 A (<1 S)        |
|                              | ASD-UHB2-150D35-STD              | 130 A (0.15 S)          | ASD-UHB2HV-150D50-PRM   |                       | ASD-UHB7-300D50-PRM   | 35 A (0.5 S)       |
|                              | ASD-UHB2-200D35-STD              | 100 A (0.15 S)          | ASD-UHB2HV-200D50-PRM   |                       | ASD-UHB7-400D50-PRM   |                    |
|                              | ASD-UHB2-100D50-PRM              | 100 A (0.15 S)          | ASD-UHB2HV-240D50-PRM   |                       | ASD-UHB7-500D50-PRM   |                    |
|                              | ASD-UHB2-150D50-PRM              | 130 A (0.15 S)          | ASD-UHB22-100D50-MS-PRM | 1.44 A (0.15 S)       | ASD-UHB7HV-300D50-PRM |                    |
|                              | ASD-UHB2-200D50-PRM              |                         | ASD-UHB22-150D50-MS-PRM | 1.8 A (0.15 S)        | ASD-UHB7HV-400D50-PRM |                    |
|                              | ASD-UHB2-240D50-PRM              |                         | ASD-UHB22-200D50-MS-PRM | 2.4 A (0.15 S)        | ASD-UHB7HV-500D50-PRM |                    |
|                              | ASD-UHB2-300D50-PRM              |                         | ASD-UHB22-240D50-MS-PRM | 2.88 A (0.15 S)       |                       |                    |
|                              | 120 A (0.8 S)                    | ASD-UHB22-300D50-MS-PRM | 3.6 A (0.8 S)           |                       |                       |                    |

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



# LED UFO High Bay

## Standard and Premium Series

| Electrical System           |                         |                         |  |  |                       |        |         |
|-----------------------------|-------------------------|-------------------------|--|--|-----------------------|--------|---------|
| AC input range              | ASD-UHB2-100D35-STD     | min 90 V<br>max 305 V   | ASD-UHB2HV-100D50-PRM                    | min 180 V<br>max 528 V   | ASD-UHB7-240D50-PRM   |        |         |
|                             | ASD-UHB2-150D35-STD     |                         | ASD-UHB2HV-150D50-PRM                    |  | ASD-UHB7-300D50-PRM   |        |         |
|                             | ASD-UHB2-200D35-STD     |                         | ASD-UHB2HV-200D50-PRM                    |  | ASD-UHB7-400D50-PRM   |        |         |
|                             | ASD-UHB2-100D50-PRM     | min 90 V<br>max 305 V   | ASD-UHB2HV-240D50-PRM                    | min 90 V<br>max 305 V  | ASD-UHB7-500D50-PRM   |        |         |
|                             | ASD-UHB2-150D50-PRM     |                         | ASD-UHB22-100D50-MS-PRM                  |  | ASD-UHB7HV-300D50-PRM |        |         |
|                             | ASD-UHB2-200D50-PRM     |                         | ASD-UHB22-150D50-MS-PRM                  |  | ASD-UHB7HV-400D50-PRM |        |         |
| ASD-UHB2-240D50-PRM         | ASD-UHB22-200D50-MS-PRM |                         | ASD-UHB7HV-500D50-PRM                    |  |                       |        |         |
| ASD-UHB2-300D50-PRM         |                         | ASD-UHB22-240D50-MS-PRM |  |  |                       |        |         |
| ASD-UHB22-300D50-MS-PRM     |                         | ASD-UHB22-300D50-MS-PRM |  |  |                       |        |         |
| Off State Power             | 0 W                     |                         |  |  |                       |        |         |
| Power Consumption           | ASD-UHB2-100D35-STD     | 100 W                   | ASD-UHB2HV-100D50-PRM                    | 100 W  | ASD-UHB7-240D50-PRM   | 240 W  |         |
|                             | ASD-UHB2-150D35-STD     | 150 W                   | ASD-UHB2HV-150D50-PRM                    | 150 W  | ASD-UHB7-300D50-PRM   | 300 W  |         |
|                             | ASD-UHB2-200D35-STD     | 200 W                   | ASD-UHB2HV-200D50-PRM                    | 200 W  | ASD-UHB7-400D50-PRM   | 400 W  |         |
|                             | ASD-UHB2-100D50-PRM     | 100 W                   | ASD-UHB2HV-240D50-PRM                    | 240 W  | ASD-UHB7-500D50-PRM   | 500 W  |         |
|                             | ASD-UHB2-150D50-PRM     | 150 W                   | ASD-UHB22-100D50-MS-PRM                  | 100 W  | ASD-UHB7HV-300D50-PRM | 300 W  |         |
|                             | ASD-UHB2-200D50-PRM     | 200 W                   | ASD-UHB22-150D50-MS-PRM                  | 150 W  | ASD-UHB7HV-400D50-PRM | 400 W  |         |
|                             | ASD-UHB2-240D50-PRM     | 240 W                   | ASD-UHB22-200D50-MS-PRM                  | 200 W  | ASD-UHB7HV-500D50-PRM | 500 W  |         |
| ASD-UHB2-300D50-PRM         | 300 W                   | ASD-UHB22-240D50-MS-PRM | 240 W                                    |  |                       |        |         |
| ASD-UHB22-300D50-MS-PRM     |                         | ASD-UHB22-300D50-MS-PRM | 300 W                                    |  |                       |        |         |
| Power Factor                | ASD-UHB2-100D35-STD     | 0.96                    | ASD-UHB2HV-100D50-PRM                    | 0.95   | ASD-UHB7-240D50-PRM   |        |         |
|                             | ASD-UHB2-150D35-STD     | 0.97                    | ASD-UHB2HV-150D50-PRM                    |  | ASD-UHB7-300D50-PRM   |        |         |
|                             | ASD-UHB2-200D35-STD     | 0.97                    | ASD-UHB2HV-200D50-PRM                    |  | ASD-UHB7-400D50-PRM   |        |         |
|                             | ASD-UHB2-100D50-PRM     | 0.96                    | ASD-UHB2HV-240D50-PRM                    | > 0.9  | ASD-UHB7-500D50-PRM   |        |         |
|                             | ASD-UHB2-150D50-PRM     | 0.97                    | ASD-UHB22-100D50-MS-PRM                  |  | ASD-UHB7HV-300D50-PRM |        |         |
|                             | ASD-UHB2-200D50-PRM     | 0.97                    | ASD-UHB22-150D50-MS-PRM                  |  | ASD-UHB7HV-400D50-PRM |        |         |
|                             | ASD-UHB2-240D50-PRM     | 0.97                    | ASD-UHB22-200D50-MS-PRM                  |  | ASD-UHB7HV-500D50-PRM |        |         |
| ASD-UHB2-300D50-PRM         | 0.98                    | ASD-UHB22-240D50-MS-PRM | > 0.9                                    |  |                       |        |         |
| ASD-UHB22-300D50-MS-PRM     |                         | ASD-UHB22-300D50-MS-PRM |  |  |                       |        |         |
| Output voltage              | ASD-UHB2-100D35-STD     | 130 V                   | ASD-UHB2HV-100D50-PRM                    | 58 V   | ASD-UHB7-240D50-PRM   |        |         |
|                             | ASD-UHB2-150D35-STD     | 260 V                   | ASD-UHB2HV-150D50-PRM                    |  | ASD-UHB7-300D50-PRM   |        |         |
|                             | ASD-UHB2-200D35-STD     |                         | ASD-UHB2HV-200D50-PRM                    |  | ASD-UHB7-400D50-PRM   |        |         |
|                             | ASD-UHB2-100D50-PRM     | 130 V                   | ASD-UHB2HV-240D50-PRM                    | 130 V  | ASD-UHB7-500D50-PRM   |        |         |
|                             | ASD-UHB2-150D50-PRM     |                         | ASD-UHB22-100D50-MS-PRM                  |  | ASD-UHB7HV-300D50-PRM |        |         |
|                             | ASD-UHB2-200D50-PRM     | 260 V                   | ASD-UHB22-150D50-MS-PRM                  |  | ASD-UHB7HV-400D50-PRM |        |         |
|                             | ASD-UHB2-240D50-PRM     |                         | ASD-UHB22-200D50-MS-PRM                  |  | ASD-UHB7HV-500D50-PRM |        |         |
| ASD-UHB2-300D50-PRM         | 56 V                    | ASD-UHB22-240D50-MS-PRM | 260 V                                    |  |                       |        |         |
| ASD-UHB22-300D50-MS-PRM     |                         | ASD-UHB22-300D50-MS-PRM | 56 V                                     |  |                       |        |         |
| Max output current          | ASD-UHB2-100D35-STD     | 920 mA                  | ASD-UHB2HV-100D50-PRM                    | 1.65 A   | ASD-UHB7-240D50-PRM   | 1.85 A |         |
|                             | ASD-UHB2-150D35-STD     | 570 mA                  | ASD-UHB2HV-150D50-PRM                    | 2.6 A  | ASD-UHB7-300D50-PRM   | 5.6 A  |         |
|                             | ASD-UHB2-200D35-STD     | 770 mA                  | ASD-UHB2HV-200D50-PRM                    | 4.1 A  | ASD-UHB7-400D50-PRM   | 7.6 A  |         |
|                             | ASD-UHB2-100D50-PRM     | 920 mA                  | ASD-UHB2HV-240D50-PRM                    | 4.1 A  | ASD-UHB7-500D50-PRM   | 9.5 A  |         |
|                             | ASD-UHB2-150D50-PRM     | 570 mA                  | ASD-UHB22-100D50-MS-PRM                  | 920 mA   | ASD-UHB7HV-300D50-PRM | 5.6 A  |         |
|                             | ASD-UHB2-200D50-PRM     | 770 mA                  | ASD-UHB22-150D50-MS-PRM                  | 570 mA   | ASD-UHB7HV-400D50-PRM | 7.6 A  |         |
|                             | ASD-UHB2-240D50-PRM     | 920 mA                  | ASD-UHB22-200D50-MS-PRM                  | 770 mA   | ASD-UHB7HV-500D50-PRM | 9.5 A  |         |
|                             | ASD-UHB2-300D50-PRM     | 5.4 A                   | ASD-UHB22-240D50-MS-PRM                  | 920 mA   |                       |        |         |
| ASD-UHB22-300D50-MS-PRM     |                         | ASD-UHB22-300D50-MS-PRM | 5.4 A                                    |  |                       |        |         |
| LED driver class            | ASD-UHB2-100D35-STD     | Non-isolated            | ASD-UHB2HV-100D50-PRM                    | Class 2  | ASD-UHB7-240D50-PRM   |        |         |
|                             | ASD-UHB2-150D35-STD     |                         | ASD-UHB2HV-150D50-PRM                    | Isolated   | ASD-UHB7-300D50-PRM   |        |         |
|                             | ASD-UHB2-200D35-STD     |                         | ASD-UHB2HV-200D50-PRM                    |  | ASD-UHB7-400D50-PRM   |        |         |
|                             | ASD-UHB2-100D50-PRM     | Non-isolated            | ASD-UHB2HV-240D50-PRM                    | -  | ASD-UHB7-500D50-PRM   |        |         |
|                             | ASD-UHB2-150D50-PRM     |                         | ASD-UHB22-100D50-MS-PRM                  |  | ASD-UHB7HV-300D50-PRM |        |         |
|                             | ASD-UHB2-200D50-PRM     |                         | ASD-UHB22-150D50-MS-PRM                  |  | ASD-UHB7HV-400D50-PRM |        |         |
|                             | ASD-UHB2-240D50-PRM     |                         | ASD-UHB22-200D50-MS-PRM                  |  | ASD-UHB7HV-500D50-PRM |        |         |
| ASD-UHB2-300D50-PRM         | HL                      | ASD-UHB22-240D50-MS-PRM |  |  |                       |        |         |
| ASD-UHB22-300D50-MS-PRM     |                         | ASD-UHB22-300D50-MS-PRM |  |  |                       |        |         |
| Dimming compatible controls |                         |                         | Regular and Voluntary Certifications     |  |                       |        |         |
| Brand                       | Leviton                 | Lutron                  | 5-year limited warranty                  |  |                       |        |         |
| Models                      | ZS057-DOZ               | DVTV                    | UHB22 series not compatible with dimmers | cULus listed   |                       |        | E473804 |
|                             | IP710                   | DVSTV                   |  | DesignLights Consortium (DLC) listed (Classification: Standard and Premium series)   |                       |        |         |
|                             | DS710                   | NTSTV                   |  | · Main: Indoor Luminaires; · General Application: High-Bay; · Primary Use: High-Bay Luminaires for Commercial and Industrial Buildings |                       |        |         |
| DD710                       | MS-Z101                 |                         |  |  |                       |        |         |

This fixture features Integrated dimming and can be 1-10v, PWM signal or resistance dimming to save energy and achieve specific light levels. The LED UFO High Bay is designed to install as a surface mounted luminaire.

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)



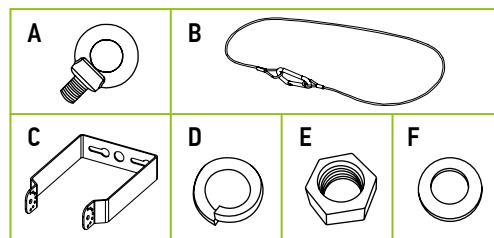


# LED UFO High Bay

Standard and Premium Series

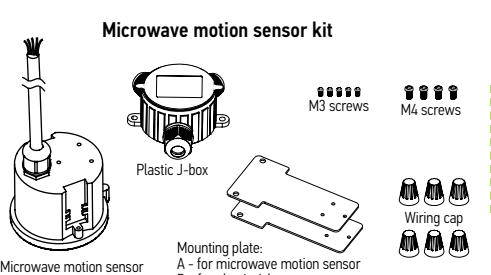
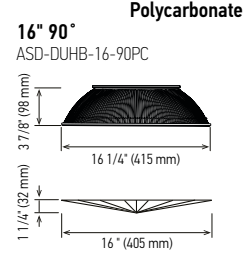
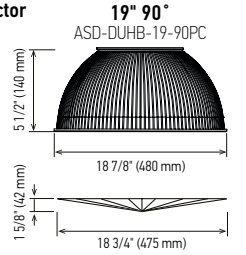
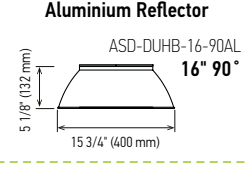
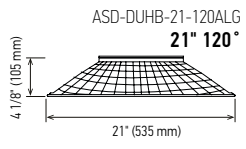
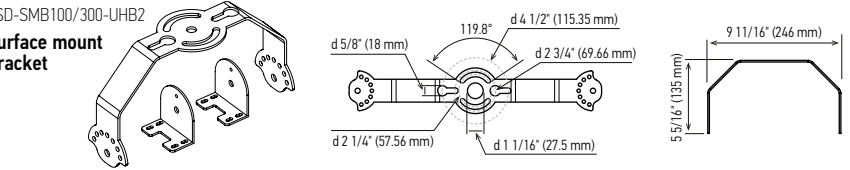

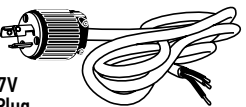
## PACKAGE CONTENTS:

| Description                 | Q-ty |
|-----------------------------|------|
| LED High Bay Fixture        | 1    |
| Mounting ring (A)           | 1    |
| Safety cable (B)            | 1    |
| Surface mount bracket (C)** | 1    |
| M12 Spring washer (D)*      | 1    |
| M18 Nut (E)**               | 1    |
| M18 Flat Washer (F)**       | 2    |
| Box                         | 1    |
| Installation Instructions   | 3    |



\*Only for UHB7 modification  
 \*\*Only for UHB7 modification (300W, 400W, 500W models)

## ACCESSORIES (sold separately):

| Accessories models   | Fixture models   |
|--|--|
| <p><b>Microwave motion sensor kit</b></p>  <p>Microwave motion sensor<br/>           Plastic J-box<br/>           Mounting plate:<br/>           A - for microwave motion sensor<br/>           B - for plastic J-box</p> <p>M3 screws<br/>           M4 screws<br/>           Wiring cap</p> <p><b>for regular voltage</b><br/>           UHB-MSK1</p> <p><b>for high voltage</b><br/>           UHBHV-MSK2</p>   | <p><b>Remote Control for UHB-MSK1</b><br/>           UHB-RC-MSK1</p> <p><b>Remote Control for UHBHV-MSK2</b><br/>           ASD-CELP02H-MS</p> <p>ASD-UHB2-100D35-STD<br/>           ASD-UHB2-150D35-STD<br/>           ASD-UHB2-200D35-STD<br/>           ASD-UHB7-240D50-PRM<br/>           ASD-UHB7-300D50-PRM</p> <p>ASD-UHB2-100D50-PRM<br/>           ASD-UHB2-150D50-PRM<br/>           ASD-UHB2-200D50-PRM<br/>           ASD-UHB2-240D50-PRM<br/>           ASD-UHB2-300D50-PRM</p>   |
| <p><b>Polycarbonate Reflector</b></p> <p><b>16" 90°</b><br/>           ASD-DUHB-16-90PC</p>  <p><b>19" 90°</b><br/>           ASD-DUHB-19-90PC</p>  <p><b>Aluminium Reflector</b></p> <p><b>16" 90°</b><br/>           ASD-DUHB-16-90AL</p>  <p><b>21" 120°</b><br/>           ASD-DUHB-21-120ALG</p>  <p><b>Polycarbonate Bottom Conical Lens</b></p> <p>for 16" ASD-BLUHB-16PC<br/>           for 19" ASD-BLUHB-19PC</p> | <p>ASD-UHB2-100D35-STD<br/>           ASD-UHB2-150D35-STD<br/>           ASD-UHB2-200D35-STD</p> <p>ASD-UHB2-100D50-PRM<br/>           ASD-UHB2-150D50-PRM<br/>           ASD-UHB2-200D50-PRM<br/>           ASD-UHB2-240D50-PRM<br/>           ASD-UHB2-300D50-PRM</p> <p>ASD-UHB22-100D50-MS-PRM<br/>           ASD-UHB22-150D50-MS-PRM<br/>           ASD-UHB22-200D50-MS-PRM<br/>           ASD-UHB22-240D50-MS-PRM<br/>           ASD-UHB22-300D50-MS-PRM</p> <p>ASD-UHB7-240D50-PRM<br/>           ASD-UHB7-300D50-PRM<br/>           ASD-UHB7HV-300D50-PRM</p>                                  |
| <p><b>Surface mount Bracket</b></p> <p>ASD-SMB100/300-UHB2</p>  <p><b>6-foot Cord 120V-277V Straight Blade Plug</b><br/>           ASD-CRD6-SBP-277V</p> <p><b>6-foot Cord 120V-277V 3-Blade Twist-Lock Plug</b><br/>           ASD-CRD6-TLP-277V</p>  | <p>ASD-UHB2-100D35-STD<br/>           ASD-UHB2-150D35-STD<br/>           ASD-UHB2-200D35-STD</p> <p>ASD-UHB2-100D50-PRM<br/>           ASD-UHB2-150D50-PRM<br/>           ASD-UHB2-200D50-PRM<br/>           ASD-UHB2-240D50-PRM<br/>           ASD-UHB2-300D50-PRM</p> <p>ASD-UHB22-100D50-MS-PRM<br/>           ASD-UHB22-150D50-MS-PRM<br/>           ASD-UHB22-200D50-MS-PRM<br/>           ASD-UHB22-240D50-MS-PRM<br/>           ASD-UHB22-300D50-MS-PRM</p> <p>ASD-UHB7-240D50-PRM<br/>           ASD-UHB7-300D50-PRM<br/>           ASD-UHB7-400D50-PRM<br/>           ASD-UHB7-500D50-PRM</p> |
| <p><b>Inline Wire Connector</b> LLT-M19CS03 <b>for all fixture models</b></p>  <p><b>female</b><br/> <b>male</b></p> <p>Note: For power wiring ONLY. Do not use for dimmer wires</p>  | <p><b>Hook</b><br/>           ASD-H02-UHB2</p>  <p>ASD-UHB2-100D35-STD<br/>           ASD-UHB2-150D35-STD<br/>           ASD-UHB2-200D35-STD</p> <p>ASD-UHB2-100D50-PRM<br/>           ASD-UHB2-150D50-PRM<br/>           ASD-UHB2-200D50-PRM</p> <p>ASD-UHB2HV-100D50-PRM<br/>           ASD-UHB2HV-150D50-PRM<br/>           ASD-UHB2HV-200D50-PRM</p> <p>ASD-UHB22-100D50-MS-PRM<br/>           ASD-UHB22-150D50-MS-PRM<br/>           ASD-UHB22-200D50-MS-PRM</p>  |

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





# LED UFO High Bay

Standard and Premium Series

## 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.

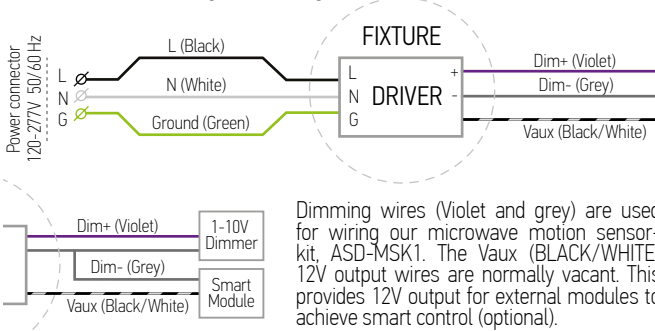
**Risk of electric shock:** This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

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

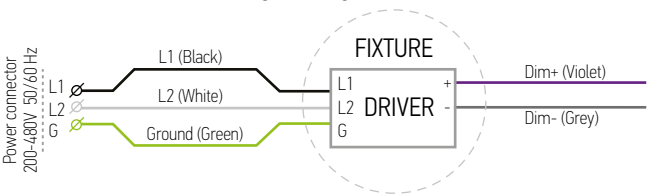
ASD® assumes no responsibility for claims arising out of improper or careless installation or handling of this product.

### ELECTRICAL SCHEMATIC DIAGRAM:

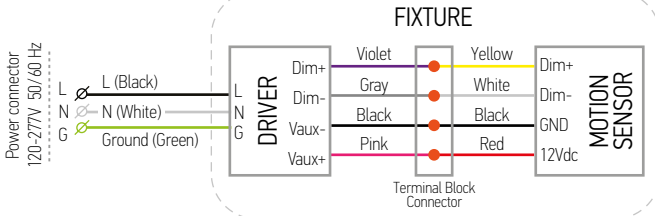
#### for UHB2/UHB7 Regular voltage



#### for UHB2HV/UHB7HV High voltage



#### for UHB22

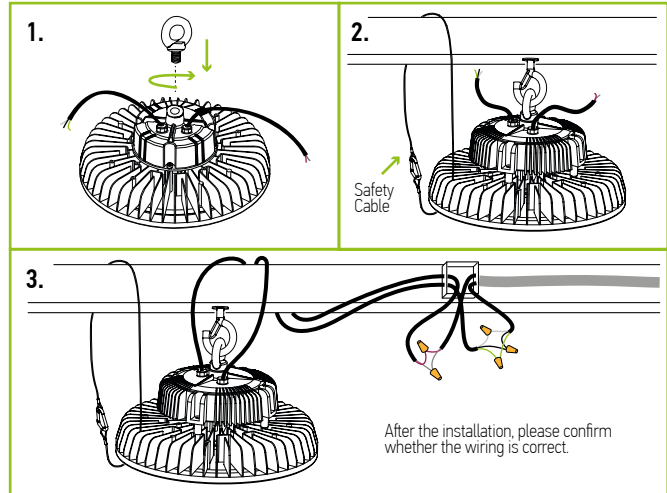


### INSTALLATION STEPS:

1. Screw the included Hanging Ring clockwise into the hole at the top of the fixture and tighten.
2. Using the Hanging Ring, hang the fixture on the hook in the ceiling. Attach one end of the included safety cable through the hole between the fins on the luminaire. Ensure the safety cable is secured on the fixture. Secure the other end of the safety cable to the mounting structure.
3. Connect the black wire (Line wire), white wire (Neutral) and yellow green (ground) to the appropriate wires inside the junction box. Alternatively, you may use our connector LLT-M19CS03 (not included). To make the lamp dimmable, please connect a 1-10 V dimmer(not included) with the dimming signal line of the lamp, connect the Dim + port and Dim – port with the corresponding line on the dimmer.

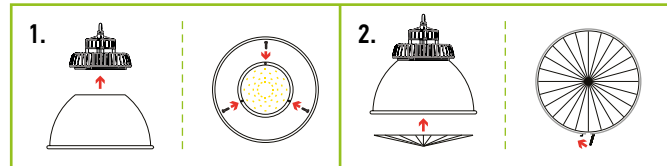
#### Note:

- ▶ The dimmer can also be replaced by an active 1-10V voltage source signal or passive components like resistors and zener diodes.
- ▶ Do NOT connect Dim- to be output V- or V+, otherwise the driver will not work properly.
- ▶ If 1-10V dimming is not used, Dim+ should be open.
- ▶ When 1-10V negative logic dimming mode and Dim+ is open, the driver will output minimum current



### DIFFUSER AND LENS INSTALLATION (sold separately):

1. Install the diffuser, tighten the screws
2. Attach the conical lens with included clamp



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

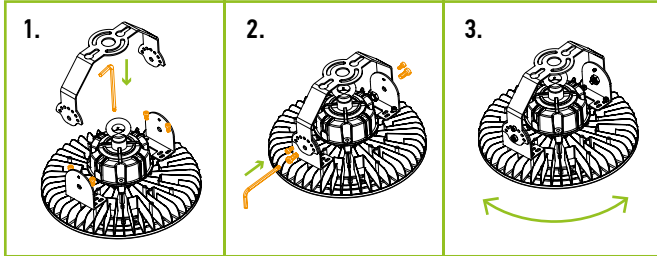


# LED UFO High Bay

Standard and Premium Series

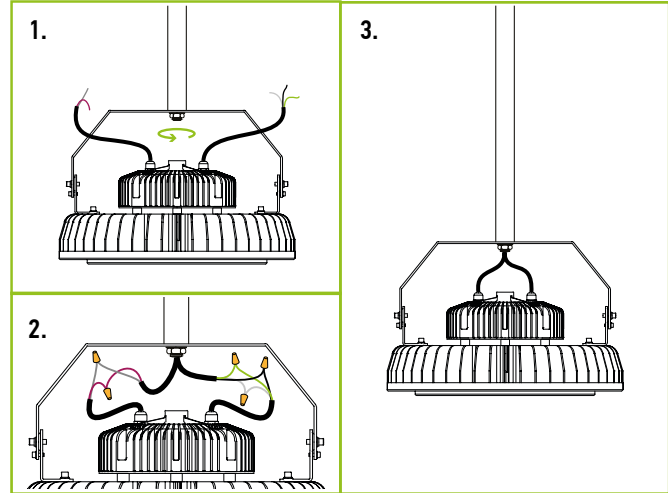
## BRACKET INSTALLATION (sold separately):

1. Use four PM5x16 mm screws (included) to install bracket swivel on the top of the lamp body.
2. Use two PM5x12 mm screws (include) to fix bracket on the swivels.
3. Adjust the lighting direction and fix it by two M8x20 mm screws (include).



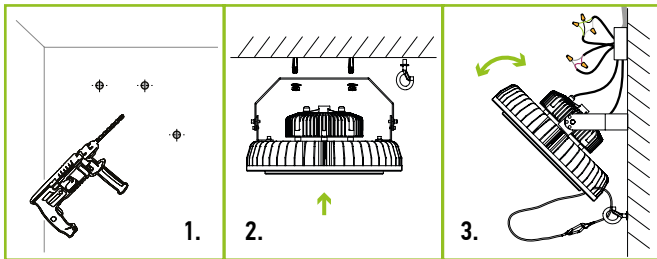
## POLE INSTALLATION:

1. Make sure your conduit can support the weight of the fixture. Attach bracket to pipe.
2. Connect power and dimming wires according to wiring diagram.
3. Put the wires inside the pole and finish installation.



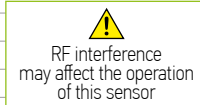
## WALL INSTALLATION:

1. Drill holes in the ceiling and install the expansion screws.
2. Surface mount bracket and hook directly to wall or beam.
3. Adjust bracket to desired angle. Clip safety cable to outside of UFO housing. Wire in accordance to wiring diagram. Finish installation and test.



## INTEGRATED MICROWAVE MOTION SENSOR INFORMATION

| Specifications         | Model HD06VCRH  |  |
|------------------------|---|--|
| For fixtures models    | ASD-UHB22-100D50-MS-PRM<br>ASD-UHB22-150D50-MS-PRM<br>ASD-UHB22-200D50-MS-PRM | ASD-UHB22-240D50-MS-PRM<br>ASD-UHB22-300D50-MS-PRM |
| Operating voltage      | 10-15VDC  |  |
| Operating current      | 30mA±5%   |  |
| Output                 | DIM 1-10V   |  |
| Stand-by power         | <0.5W   |  |
| Detection area         | 25%/50%/75%/100%  |  |
| Hold time              | 5s/30s/1min/3min/5min/10min/20min/30min                                       |  |
| Daylight threshold     | 2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable                                   |  |
| Stand-by period        | 0s/10s/30s/1min/5min/10min/30min/+∞   |  |
| Stand-by dimming level | 10%/20%/30%/50%   |  |
| Microwave frequency    | 5.8GHz±75MHz  |  |
| Microwave power        | <0.3mW  |  |
| Mounting height        | Max.15m/49.2ft  |  |
| Detection range        | Max.14m/45.92ft   |  |



- ▶ Sensor parameters can be conveniently set by a remote control
- ▶ Mounting height up to 45ft max., suitable for warehouse use
- ▶ Built-in adjustable daylight sensor
- ▶ Sensor default setting - 100% detection range, hold time 5S, no stand-by time and daylight threshold disabled

Adopted dual PD technology, is able to differentiate artificial light brightness from natural light after installed inside the fixture, and automatically turn off light when ambient brightness exceeds preset lux level.

Preconditions to use the Lux-off function:

1. Standby period is +∞
2. Standby dimming level is on 10% or 30%;
3. Daylight threshold is on 30Lux, 50Lux, 80Lux or 120Lux.

UF022 series use integrated motion sensors, which are controlled by remote (ASD-CELP02H-MS sold separate). For more information please check page 8.

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



# LED UFO High Bay

Standard and Premium Series

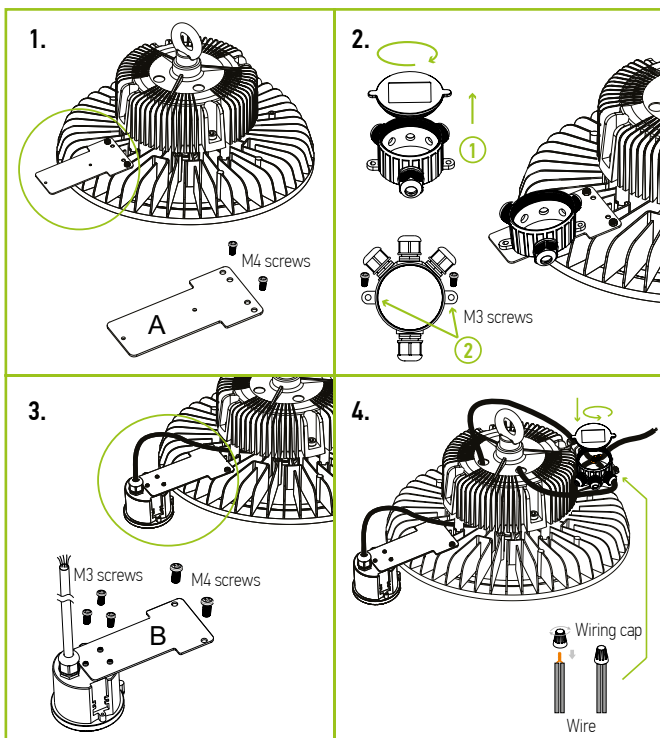
## MICROWAVE MOTION SENSOR KITS INFORMATION

- ▶ Sensor parameters can be conveniently set by a remote control
- ▶ Mounting height up to 15m max., suitable for warehouse use
- ▶ Water proof sensor with IP65 rating
- ▶ Automatic dimming when used in combination with 1-10V dimmable control gears
- ▶ Built-in adjustable daylight sensor
- ▶ 1-10V interface can match up with Merrytek stand-alone daylight sensor MS01 to achieve daylight harvesting
- ▶ Optional mounting brackets for different applications

| Specifications         | model UHB-MSK1 (sold separately)   |  |  | model UHBHV-MSK2 (sold separately)   |   |  |
|------------------------|--|--|--|--|---|--|
| For fixtures models    | ASD-UHB2-100D35-STD<br>ASD-UHB2-150D35-STD<br>ASD-UHB2-200D35-STD<br>ASD-UHB2-100D50-PRM | ASD-UHB2-150D50-PRM<br>ASD-UHB2-200D50-PRM<br>ASD-UHB2-240D50-PRM<br>ASD-UHB2-300D50-PRM | ASD-UHB7-240D50-PRM<br>ASD-UHB7-300D50-PRM<br>ASD-UHB7-400D50-PRM<br>ASD-UHB7-500D50-PRM | ASD-UHB2HV-100D50-PRM<br>ASD-UHB2HV-150D50-PRM<br>ASD-UHB2HV-200D50-PRM<br>ASD-UHB2HV-240D50-PRM | ASD-UHB7HV-300D50-PRM<br>ASD-UHB7HV-400D50-PRM<br>ASD-UHB7HV-500D50-PRM |  |
| Rated load             | 120 Vac - 400 W max; 277 Vac - 800 W max   |  |  | 347 Vac - 800 W max; 480 Vac - 1200 W max  |   |  |
| Detection area         | 25% / 50% / 75% / 100%   |  |  |  |   |  |
| Hold time              | 5 s/30 s/1 min/3 min/5 min/10 min/20 min/30 min  |  |  |  |   |  |
| Daylight sensor        | 5 lux/15 lux/30 lux/50 lux/100 lux/150 lux/Disable                                       |  |  | 2 lux/10 lux/30 lux/50 lux/80 lux/120 lux/Disable  |   |  |
| Stand-by period        | 0 s/10 s/1 min/3 min/5 min/10 min/30 min/+∞  |  |  |  |   |  |
| Stand-by dimming level | 10% / 20% / 30% / 50%  |  |  |  |   |  |
| Sensor principle       | Microwave motion detector  |  |  |  |   |  |
| Microwave frequency    | 5.8 GHz ± 75 MHz, ISM wave band  |  |  |  |   |  |
| Transmitting power     | <0.5 mW (1% of transmitting power for cell phone)  |  |  | <1 mW (1% of transmitting power for cell phone)  |   |  |
| Mounting height        | 3-15 m (10-50 ft)  |  |  |  |   |  |
| Detection angle        | 150° (Wall installation); 360° (Ceiling installation)                                    |  |  |  |   |  |
| Motion detection       | 0.5-3 m/s  |  |  |  |   |  |
| Operating temperature  | -31 to 158°F (-35°C to 70°C)   |  |  |  |   |  |
| IP rating              | IP65   |  |  |  |   |  |

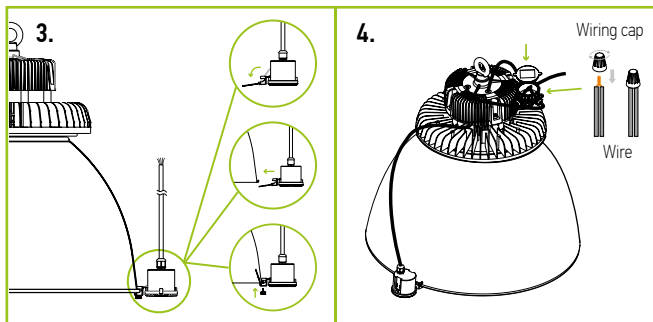
**⚠**  
RF interference  
may affect the operation  
of this sensor

### INSTALLATION STEPS ON FIXTURE WITHOUT REFLECTOR

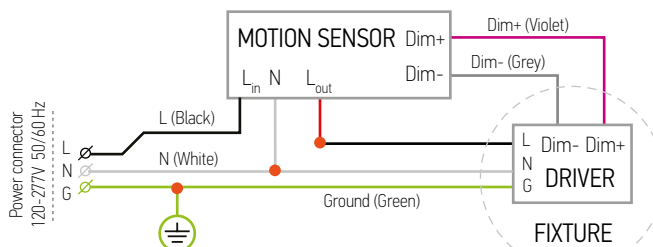


### ON FIXTURE WITH AL REFLECTOR

**Note:** while using PC reflector or PC reflector + conical lens sensor can be installed on fixture body. Installation on reflector needed while using Aluminum reflectors only  
Install j-box mounting plate as shown adjacent left (Step 1 and Step 2) for installation on fixture without reflector.



### ELECTRICAL SCHEMATIC DIAGRAM:



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



# LED UFO High Bay

Standard and Premium Series

## MOTION SENSOR UHB-MSK1 SETTINGS

Please follow the additional motion sensor manual to setup your motion sensor.

### USING DIP SWITCHES

Detection area, hold time, stand-by period, stand-by DIM level and daylight sensor can be set by using DIP switches on the sensor. Note that reducing the detection area will also reduce the sensitivity.

| ON ↑ | 1  |      |
|------|----|------|
| I    | ON | 100% |
| II   | -  | 50%  |

**Detection area**

| ON ↑ | 2  | 3  | 4  |       |
|------|----|----|----|-------|
| I    | ON | ON | ON | 5s    |
| II   | -  | ON | ON | 30s   |
| III  | ON | -  | ON | 1min  |
| IV   | -  | -  | ON | 3min  |
| V    | ON | ON | -  | 20min |
| VI   | -  | -  | -  | 30min |

**Hold time**  
Refers to the time period the lamp remains at 100% illumination after no motion detected.

| ON ↑ | 1  | 2  | 3  |       |
|------|----|----|----|-------|
| I    | ON | ON | ON | 0s    |
| II   | -  | ON | ON | 1min  |
| III  | ON | -  | ON | 3min  |
| IV   | -  | -  | ON | 10min |
| V    | ON | ON | -  | 30min |
| VI   | -  | -  | -  | +∞    |

**Stand-by period**

Refers to the time period the lamp remains at a pre-set dimming level before it completely switches off in the long absence of people. \*When set to 0s, the lamp will work in an on/off function. \*When daylight sensor is set to "Disable" and stand-by period to "+", the lamp will work using 2-step dimming control.

| ON ↑ | 4  | 5  |     |
|------|----|----|-----|
| I    | ON | ON | 10% |
| II   | ON | -  | 20% |
| III  | -  | ON | 30% |
| IV   | -  | -  | 50% |

**Stand-by dimming level**

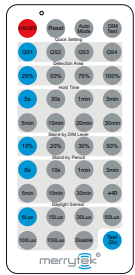
This is the pre-set dimming level you would like to have after the hold time in the long absence of people.

| ON ↑ | 6  | 7  | 8  | 9  |         |
|------|----|----|----|----|---------|
| I    | ON | ON | ON | ON | 5lux    |
| II   | -  | ON | ON | ON | 15lux   |
| III  | ON | -  | ON | ON | 30Lux   |
| IV   | -  | -  | ON | ON | 50Lux   |
| V    | ON | ON | -  | ON | 100Lux  |
| VI   | ON | ON | ON | -  | 150Lux  |
| VII  | -  | -  | -  | -  | Disable |

**Daylight sensor**







The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold. The settings are as follows: \*When set to Disable Mode, the sensor will switch on the lamp when motion is detected regardless of ambient light levels.

### USING REMOTE CONTROL UHB-PC-MSK1 (sold separately)



As the control angle of the Infrared Remote Control is fixed (15°), if sensors are installed too close to each other, settings of both sensors will be configured. Please refer to the below chart for the distance of the installation of the sensor:

| Mounting height | Distance between sensors |
|-----------------|--------------------------|
| 15m             | 4m                       |
| 12m             | 3.4m                     |
| 9m              | 2.4m                     |
| 6m              | 1.6m                     |
| 3m              | 0.8m                     |

| Button  | Remarks  |               |                 |                    |                 |                    |                 |     |      |     |      |     |      |     |      |      |      |     |       |     |      |      |       |     |       |     |      |       |       |     |         |
|---|--|---------------|-----------------|--------------------|-----------------|--------------------|-----------------|-----|------|-----|------|-----|------|-----|------|------|------|-----|-------|-----|------|------|-------|-----|-------|-----|------|-------|-------|-----|---------|
|    | Press the "ON/OFF" button, the light goes to constant on or constant off mode, sensor is disabled. Press "Reset" or "Auto Mode" button to quit from this mode.   |               |                 |                    |                 |                    |                 |     |      |     |      |     |      |     |      |      |      |     |       |     |      |      |       |     |       |     |      |       |       |     |         |
|   | Press "Reset" button, all parameters are same as setting of DIP switch.  |               |                 |                    |                 |                    |                 |     |      |     |      |     |      |     |      |      |      |     |       |     |      |      |       |     |       |     |      |       |       |     |         |
|  | Press "Auto Mode" button, the sensor starts to work and all parameter setting will remain the same as the previous status before the light was switched on/off.  |               |                 |                    |                 |                    |                 |     |      |     |      |     |      |     |      |      |      |     |       |     |      |      |       |     |       |     |      |       |       |     |         |
|  | Press "DIM Test" button to test dimming function. Sensor will dim automatically and return to normal work mode.  |               |                 |                    |                 |                    |                 |     |      |     |      |     |      |     |      |      |      |     |       |     |      |      |       |     |       |     |      |       |       |     |         |
|  | The button "Test(2s)" is for factory testing purpose only. The sensor will go to test mode. Detection sensitivity: 100%. Hold time: 2sec. Stand-by dim level: 10%. Stand-by period: 0s. Daylight sensor: Disable. Test mode can be quit by pressing any button.  |               |                 |                    |                 |                    |                 |     |      |     |      |     |      |     |      |      |      |     |       |     |      |      |       |     |       |     |      |       |       |     |         |
|  | <table border="1"> <thead> <tr> <th>Scene Options</th> <th>Detection Area</th> <th>Hold Time</th> <th>Stand-by period</th> <th>Stand-by dim level</th> <th>Daylight Sensor</th> </tr> </thead> <tbody> <tr> <td>QS1</td> <td>100%</td> <td>30s</td> <td>1min</td> <td>10%</td> <td>5Lux</td> </tr> <tr> <td>QS2</td> <td>100%</td> <td>1min</td> <td>3min</td> <td>10%</td> <td>10Lux</td> </tr> <tr> <td>QS3</td> <td>100%</td> <td>5min</td> <td>10min</td> <td>10%</td> <td>30Lux</td> </tr> <tr> <td>QS4</td> <td>100%</td> <td>10min</td> <td>30min</td> <td>10%</td> <td>Disable</td> </tr> </tbody> </table> <p>Note: Detection area / Hold time / Stand-by period / Stand-by dim level / Daylight sensor can be adjusted by pressing corresponding button. The latest setting stays valid.</p> | Scene Options | Detection Area  | Hold Time          | Stand-by period | Stand-by dim level | Daylight Sensor | QS1 | 100% | 30s | 1min | 10% | 5Lux | QS2 | 100% | 1min | 3min | 10% | 10Lux | QS3 | 100% | 5min | 10min | 10% | 30Lux | QS4 | 100% | 10min | 30min | 10% | Disable |
| Scene Options   | Detection Area   | Hold Time     | Stand-by period | Stand-by dim level | Daylight Sensor |                    |                 |     |      |     |      |     |      |     |      |      |      |     |       |     |      |      |       |     |       |     |      |       |       |     |         |
| QS1   | 100%   | 30s           | 1min            | 10%                | 5Lux            |                    |                 |     |      |     |      |     |      |     |      |      |      |     |       |     |      |      |       |     |       |     |      |       |       |     |         |
| QS2   | 100%   | 1min          | 3min            | 10%                | 10Lux           |                    |                 |     |      |     |      |     |      |     |      |      |      |     |       |     |      |      |       |     |       |     |      |       |       |     |         |
| QS3   | 100%   | 5min          | 10min           | 10%                | 30Lux           |                    |                 |     |      |     |      |     |      |     |      |      |      |     |       |     |      |      |       |     |       |     |      |       |       |     |         |
| QS4   | 100%   | 10min         | 30min           | 10%                | Disable         |                    |                 |     |      |     |      |     |      |     |      |      |      |     |       |     |      |      |       |     |       |     |      |       |       |     |         |












## MOTION SENSOR UHBHV-MSK2 AND INTEGRATED MICROWAVE MOTION SENSOR (in mod. UHB22) SETTINGS

Please follow the additional motion sensor manual to setup your motion sensor.

### USING REMOTE CONTROL ASD-CELPO2H-MS (sold separately)



Remote control waive is 10 ft, every fixture needs to be set up separately

|  | <b>ON / OFF</b>           | Press the "ON/OFF" button, the light stays permanently on or off. *Press "Auto Mode" , "RESET" or "Scene mode" buttons to quit from this mode.  |                 |                        |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
|---|---------------------------|---|-----------------|------------------------|--------------------|-----------------|------------------------|-----|------|-----|-------|------|-----|------|------|-----|-------|-----|------|-------|-----|-------|-----|------|-------|---------|----|
|  | <b>Auto Mode</b>          | Press "Auto Mode" button, the sensor starts to work and all settings remain the same before the light gets switched on/off.   |                 |                        |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
|  | <b>Reset</b>              | Press "RESET" button, products with DIP switch will be controlled by DIP switches   |                 |                        |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
| <b>Auto Mode</b>  |                           |   |                 |                        |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
|  | <b>Scene mode</b>         | <table border="1"> <thead> <tr> <th>Detection area</th> <th>Hold-time</th> <th>Daylight threshold</th> <th>Stand-by period</th> <th>Stand-by dimming level</th> </tr> </thead> <tbody> <tr> <td>SC1</td> <td>100%</td> <td>30s</td> <td>0.2Fc</td> <td>1min</td> </tr> <tr> <td>SC2</td> <td>100%</td> <td>5min</td> <td>1Fc</td> <td>10min</td> </tr> <tr> <td>SC3</td> <td>100%</td> <td>10min</td> <td>5Fc</td> <td>30min</td> </tr> <tr> <td>SC4</td> <td>100%</td> <td>30min</td> <td>Disable</td> <td>+∞</td> </tr> </tbody> </table> | Detection area  | Hold-time              | Daylight threshold | Stand-by period | Stand-by dimming level | SC1 | 100% | 30s | 0.2Fc | 1min | SC2 | 100% | 5min | 1Fc | 10min | SC3 | 100% | 10min | 5Fc | 30min | SC4 | 100% | 30min | Disable | +∞ |
| Detection area  | Hold-time                 | Daylight threshold  | Stand-by period | Stand-by dimming level |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
| SC1   | 100%                      | 30s   | 0.2Fc           | 1min                   |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
| SC2   | 100%                      | 5min  | 1Fc             | 10min                  |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
| SC3   | 100%                      | 10min   | 5Fc             | 30min                  |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
| SC4   | 100%                      | 30min   | Disable         | +∞                     |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
|  | <b>Test (2s)</b>          | The button "Test (2s)" is for testing purposes. After pressing this button, the sensor goes to test mode(hold time is only 2s) automatically, stand-by period and daylight sensor are disabled. This mode can be ended by pressing «reset», "Auto mode" «scene mode» or «hold time». The sensor setting is changed accordingly. Brightness settings: Disable Test mode (can press any key to exit this mode).   |                 |                        |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
|  | <b>On/off control</b>     | There are 4 fixed scene mode programs built into the remote control to choose for different applications.   |                 |                        |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
|  | <b>Detection area</b>     | Press the button "detection range" to set detection range as 100% / 75% / 50% / 10%.  |                 |                        |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
|  | <b>Hold-time</b>          | Press the button "hold-time" to set hold-time as 5s / 30s / 1min / 3min / 5min / 10min / 20min / 30min.   |                 |                        |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
|  | <b>Daylight threshold</b> | Press the button "daylight sensor" to set daylight threshold as 0.2Fc / 1Fc / 3Fc / 5Fc / 8Fc / 11Fc / disable.   |                 |                        |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
|  | <b>Stand-by period</b>    | Press the button "stand-by period" to set stand-by period as 0s / 10s / 30s / 1min / 5min / 10min / 30min / +∞. Note: "0s" means on/off control; "+∞" means bi-level dimming control.   |                 |                        |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |
|  | <b>Stand-by dimming</b>   | Press the button "stand-by dimming level" to set the stand-by dimming level as 10% / 20% / 30% / 50%.   |                 |                        |                    |                 |                        |     |      |     |       |      |     |      |      |     |       |     |      |       |     |       |     |      |       |         |    |

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



# LED UFO High Bay

Standard and Premium Series

## ORDERING INFORMATION

### LED UFO HIGH-BAY FIXTURE:

| Model                   | Watts | Motion Sensor | CCT     | Pcs in one Carton | Carton Size          | Carton Weight | UPC          |
|-------------------------|-------|---------------|---------|-------------------|----------------------|---------------|--------------|
| ASD-UHB2-100D35-STD     | 100 W | no            | 3,500 K | 1                 | 12.2" x 12.2" x 6.9" | 7.7 lb        | 819201025664 |
| ASD-UHB2-150D35-STD     | 150 W | no            | 3,500 K | 1                 | 12.2" x 12.2" x 6.9" | 7.7 lb        | 819201025671 |
| ASD-UHB2-200D35-STD     | 200 W | no            | 3,500 K | 1                 | 12.2" x 12.2" x 7.7" | 8.6 lb        | 819201025688 |
| ASD-UHB2-100D50-PRM     | 100 W | no            | 5,000 K | 1                 | 12.2" x 12.2" x 6.9" | 7.7 lb        | 819201023486 |
| ASD-UHB2-150D50-PRM     | 150 W | no            | 5,000 K | 1                 | 12.2" x 12.2" x 6.9" | 7.7 lb        | 819201023493 |
| ASD-UHB2-200D50-PRM     | 200 W | no            | 5,000 K | 1                 | 12.2" x 12.2" x 7.7" | 8.6 lb        | 819201023509 |
| ASD-UHB2-240D50-PRM     | 240 W | no            | 5,000 K | 1                 | 15.2" x 15.2" x 7.9" | 10 lb         | 819201024018 |
| ASD-UHB2-300D50-PRM     | 300 W | no            | 5,000 K | 1                 | 15.2" x 15.2" x 7.9" | 17.2 lb       | 819201025855 |
| ASD-UHB2HV-100D50-PRM   | 100 W | no            | 5,000 K | 1                 | 12.2" x 12.2" x 6.9" | 7.7 lb        | 819201023516 |
| ASD-UHB2HV-150D50-PRM   | 150 W | no            | 5,000 K | 1                 | 12.2" x 12.2" x 6.9" | 8.4 lb        | 819201023523 |
| ASD-UHB2HV-200D50-PRM   | 200 W | no            | 5,000 K | 1                 | 12.2" x 12.2" x 7.7" | 9.7 lb        | 819201023530 |
| ASD-UHB2HV-240D50-PRM   | 240 W | no            | 5,000 K | 1                 | 15.2" x 15.2" x 7.9" | 10 lb         | 819201026029 |
| ASD-UHB22-100D50-MS-PRM | 100 W | yes           | 5,000 K | 1                 | 15.4" x 15.4" x 9.4" | 8.6 lb        | 819201026937 |
| ASD-UHB22-150D50-MS-PRM | 150 W | yes           | 5,000 K | 1                 | 15.4" x 15.4" x 9.4" | 8.8 lb        | 819201026944 |
| ASD-UHB22-200D50-MS-PRM | 200 W | yes           | 5,000 K | 1                 | 15.4" x 15.4" x 10"  | 8.8 lb        | 819201026951 |
| ASD-UHB22-240D50-MS-PRM | 240 W | yes           | 5,000 K | 1                 | 15.4" x 15.4" x 10"  | 9 lb          | 819201026968 |
| ASD-UHB22-300D50-MS-PRM | 300 W | yes           | 5,000 K | 1                 | 15.4" x 15.4" x 10"  | 13.5 lb       | 819201026975 |
| ASD-UHB7-240D50-PRM     | 240 W | yes           | 5,000 K | 1                 | 13" x 13" x 8"       | 14.8 lb       | 819201025862 |
| ASD-UHB7-300D50-PRM     | 300 W | yes           | 5,000 K | 1                 | 15" x 15" x 11"      | 19.6 lb       | 819201025879 |
| ASD-UHB7-400D50-PRM     | 400 W | yes           | 5,000 K | 1                 | 16" x 16" x 11"      | 24 lb         | 819201025886 |
| ASD-UHB7-500D50-PRM     | 500 W | yes           | 5,000 K | 1                 | 16" x 16" x 11"      | 24.5 lb       | 819201025893 |
| ASD-UHB7HV-300D50-PRM   | 300 W | yes           | 5,000 K | 1                 | 15" x 15" x 11"      | 20 lb         | 819201025909 |
| ASD-UHB7HV-400D50-PRM   | 400 W | yes           | 5,000 K | 1                 | 16" x 16" x 11"      | 24.9 lb       | 819201025916 |
| ASD-UHB7HV-500D50-PRM   | 500 W | yes           | 5,000 K | 1                 | 16" x 16" x 11"      | 24.9 lb       | 819201025923 |

### ACCESSORIES:

| Model               | Name   | Materials       | Weight           | Dimensions                  |
|---------------------|--|-----------------|------------------|-----------------------------|
| ASD-H02-UHB2        | Hook for LED UFO High Bays UHB2                                    | Stainless Steel | 0.2 lb (0.1 kg)  | 3 1/2" x 2 1/8" x 1"        |
| ASD-SMB100/300-UHB2 | Surface mount Bracket for 100/300W LED UFO High Bays UHB2          | Iron            | 1 lb (0.4 kg)    | 9 11/16" x 3 1/8" x 5 5/16" |
| ASD-DUHB-16-90AL    | Aluminium Reflector 16" 90° for LED UFO High Bays UHB              | Aluminum        | 1.4 lb (0.6 kg)  | 15 3/4" x 5 1/8"            |
| ASD-DUHB-21-120ALG  | Aluminium Reflector 21" 120° for LED UFO High Bays UHB             | Aluminum        | 1.1 lb (0.5 kg)  | 21" x 4 1/8"                |
| ASD-DUHB-16-90PC    | Polycarbonate Reflector 16" 90° for LED UFO High Bays UHB          | Polycarbonate   | 1.4 lb (0.6 kg)  | 16 1/4" x 3 7/8"            |
| ASD-DUHB-19-90PC    | Polycarbonate Reflector 19" 90° for LED UFO High Bays UHB          | Polycarbonate   | 1.3 lb (0.6 kg)  | 18 7/8" x 5 1/2"            |
| ASD-BLUHB-16PC      | Polycarbonate Bottom Conical Lens for 16" Reflector DUHB           | Polycarbonate   | 1.1 lb (0.5 kg)  | 16" x 1 1/4"                |
| ASD-BLUHB-19PC      | Polycarbonate Bottom Conical Lens for 19" Reflector DUHB           | Polycarbonate   | 1.4 lb (0.6 kg)  | 18 3/4" x 1 5/8"            |
| UHB-MSK1            | Microwave motion sensor kit for LED UFO High Bays UHB              | Polycarbonate   | 1 lb (0.4 kg)    | 3 1/8" x 2 1/2"             |
| UHB-RC-MSK1         | Remote Control   | Nylon           | 0.1 lb (0.04 kg) | 4 1/2" x 2 1/8" x 1/2"      |
| UHBHV-MSK2          | Microwave motion sensor kit High Voltage for LED UFO High Bays UHB | Polycarbonate   | 1.1 lb (0.5 kg)  | 3 1/8" x 2 1/2"             |
| ASD-CELP02H-MS      | Remote Control   | Nylon           | 0.1 lb (0.04 kg) | 2" x 1" x 1/2"              |
| LLT-M19CS03         | Inline Wire Connector  | Nylon           | 0.1 lb (0.04 kg) | 7 5/8" x 2 1/8"             |
| ASD-CRD6-TLP-277V   | 6-foot Cord 120V-277V 3-Blade Twist-Lock Plug                      | PVC+PC          | 0.6 lbs (0.3 kg) | 70 7/8" x 3/8"              |
| ASD-CRD6-SBP-277V   | 6-foot Cord 120V-277V Straight Blade Plug                          | PVC+PC          | 0.7 lbs (0.3 kg) | 70 7/8" x 3/8"              |

| Model               | Pcs in one Carton | Carton Size           | Carton Weight | UPC          | GTIN 14        |
|---------------------|-------------------|-----------------------|---------------|--------------|----------------|
| ASD-H02-UHB2        | 200               | 18.3" x 9.3" x 10.6"  | 41.7 lbs      | 819201025312 | 10819201025319 |
| ASD-SMB100/300-UHB2 | 20                | 20.3" x 16.9" x 11.8" | 23.1 lbs      | 819201026999 | 10819201026996 |
| ASD-DUHB-16-90AL    | 20                | 16.5" x 16.5" x 14.6" | 16.8 lbs      | 819201020621 | 10819201020628 |
| ASD-DUHB-21-120ALG  | 10                | 22" x 22" x 7.5"      | 14.6 lbs      | 819201020638 | 10819201020635 |
| ASD-DUHB-16-90PC    | 10                | 16.9" x 16.9" x 7.9"  | 16.8 lbs      | 819201020607 | 10819201020604 |
| ASD-DUHB-19-90PC    | 10                | 19.7" x 19.7" x 9.1"  | 16.1 lbs      | 819201020614 | 10819201020611 |
| ASD-BLUHB-16PC      | 10                | 16.9" x 16.9" x 5.1"  | 11.7 lbs      | 819201020645 | 10819201020642 |
| ASD-BLUHB-19PC      | 10                | 19.7" x 19.7" x 5.1"  | 16.1 lbs      | 819201020652 | 10819201020659 |
| UHB-MSK1            | 40                | 20.7" x 12.4" x 19"   | 49.0 lbs      | 819201021994 | 10819201021991 |
| UHB-RC-MSK1         | 100               | 9.8" x 6.9" x 12"     | 11.3 lbs      | 819201022007 | 10819201022004 |
| UHBHV-MSK2          | 32                | 21.9" x 14.8" x 12.6" | 40.2 lbs      | 819201025848 | 20819201025842 |
| ASD-CELP02H-MS      | 50                | 11.4" x 6.5" x 5.3"   | 6.6 lbs       | 819201023479 | 10819201023476 |
| LLT-M19CS03         | 1000              | 17.7" x 11" x 10.2"   | 55.1 lbs      | 819201020591 | 10819201020598 |
| ASD-CRD6-TLP-277V   | 25                | 10.8" x 9.8" x 11.6"  | 15.9 lbs      | 819201026296 | 10819201026293 |
| ASD-CRD6-SBP-277V   | 25                | 10.8" x 9.8" x 11.6"  | 17.6 lbs      | 819201026302 | 10819201026309 |

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

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