

ASD[®] LED UFO HIGH BAY

► **DESIGN** - LED UFO HIGH BAY is extremely efficient with a 150lm/W output. Die-cast aluminum housing with excellent heat dissipation along with an anti-glare PC lens provide many years of use. It can operate in temperatures ranging from -40 to 149°F. It is designed to operate on 120-277V or 277-480V circuits with a 0-10V dimmable driver.

► **MOTION SENSOR** - The built-in microwave motion sensor will turn off the fixture automatically when no motion is detected. The sensor can be adjusted using the handheld remote.

► IP69K rating provides protection against ingress of dust and high temperature, high pressure water.

► Surge protection 6kV protects the fixture from voltage spikes and current surges.

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

► **ADVANTAGES** - With calculated lifespan up to 152,000 hours, these fixtures are made to last decades under normal operation! ASD provides a 5-year limited warranty along with UL and DLC Premium certifications to guarantee top quality products and safety!

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



| Model | Watts | Voltage | Dimmable | Lumens | CCT | Finish | Dimensions (LxWxH) | Cord | Option | |
|------------------------------------|----------------------------------|-----------|----------|-----------|---------|--------|-------------------------------|---------------------------|---------------|---|
| ASD-UHB2-100D35-PRM | 100W | 120-277 V | 1-10 V | 14,600 lm | 3,500 K | Black | 10-1/4" x 10-1/4" x 6-1/4" | 4 ft | - | |
| ASD-UHB2-100D50-PRM | 100W | 120-277 V | 1-10 V | 14,800 lm | 5,000 K | Black | 10-1/4" x 10-1/4" x 6-1/4" | 4 ft | - | |
| ASD-UHB2-100D50W-PRM | 100W | 120-277 V | 1-10 V | 14,800 lm | 5,000 K | White | 10-1/4" x 10-1/4" x 6-1/4" | 4 ft | - | |
| ASD-UHB2-150D35-PRM | 150W | 120-277 V | 1-10 V | 21,900 lm | 3,500 K | Black | 10-1/4" x 10-1/4" x 6-7/8" | 4 ft | - | |
| ASD-UHB2-150D40W-PRM | 150W | 120-277 V | 1-10 V | 22,050 lm | 4,000 K | White | 10-1/4" x 10-1/4" x 6-7/8" | 4 ft | - | |
| ASD-UHB2-150D50-PRM | 150W | 120-277 V | 1-10 V | 22,200 lm | 5,000 K | Black | 10-1/4" x 10-1/4" x 6-7/8" | 4 ft | - | |
| ASD-UHB2-150D50W-PRM | 150W | 120-277 V | 1-10 V | 22,200 lm | 5,000 K | White | 10-1/4" x 10-1/4" x 6-7/8" | 4 ft | - | |
| ASD-UHB2-200D35-PRM | 200W | 120-277 V | 1-10 V | 29,200 lm | 3,500 K | Black | 10-1/4" x 10-1/4" x 6-7/8" | 4 ft | - | |
| ASD-UHB2-200D40W-PRM | 200W | 120-277 V | 1-10 V | 29,400 lm | 4,000 K | White | 10-1/4" x 10-1/4" x 6-7/8" | 4 ft | - | |
| ASD-UHB2-200D50-PRM | 200W | 120-277 V | 1-10 V | 29,600 lm | 5,000 K | Black | 10-1/4" x 10-1/4" x 6-7/8" | 4 ft | - | |
| ASD-UHB2-200D50W-PRM | 200W | 120-277 V | 1-10 V | 29,600 lm | 5,000 K | White | 10-1/4" x 10-1/4" x 6-7/8" | 4 ft | - | |
| ASD-UHB2-240D50-PRM | 240W | 120-277 V | 1-10 V | 35,520 lm | 5,000 K | Black | 12-9/16" x 12-9/16" x 6-3/4" | 4 ft | - | |
| ASD-UHB2-240D50W-PRM | 240W | 120-277 V | 1-10 V | 35,520 lm | 5,000 K | White | 12-9/16" x 12-9/16" x 6-3/4" | 4 ft | - | |
| ASD-UHB2-300D50-PRM | 300W | 120-277 V | 1-10 V | 45,000 lm | 5,000 K | Black | 12-9/16" x 12-9/16" x 7-3/4" | 4 ft | - | |
| ASD-UHB2-400D50-PRM | 400W | 120-277 V | 0-10 V | 60,000 lm | 5,000 K | Black | 14-1/8" x 14-1/8" x 9-1/4" | 4 ft | - | |
| ASD-UHB2-500D50-PRM | 500W | 120-277 V | 0-10 V | 75,000 lm | 5,000 K | Black | 14-1/8" x 14-1/8" x 9-1/4" | 4 ft | - | |
| UHB2-HE | | | | | | | | | | |
| ASD-UHB2-HE-240D50-BK | 240W | 120-277 V | 0-10 V | 39,594 lm | 5,000 K | Black | 10-1/4" x 10-1/4" x 7-9/16" | 4 ft | - | |
| ASD-UHB2-HE-500D50-BK | 500W | 120-277 V | 0-10 V | 82,740 lm | 5,000 K | Black | 14-3/4" x 14-3/4" x 11" | 4 ft | - | |
| ASD-UHB2-HE-600D50-BK | 600W | 120-277 V | 0-10 V | 98,935 lm | 5,000 K | Black | 14-3/4" x 14-3/4" x 15-5/16" | 4 ft | - | |
| UHB2HV HIGH VOLTAGE | | | | | | | | | | |
| ASD-UHB2HV-150D50-PRM | 150W | 277-480 V | 0-10 V | 22,500 lm | 5,000 K | Black | 10-1/4" x 10-1/4" x 7-5/16" | 4 ft | - | |
| ASD-UHB2HV-200D50-PRM | 200W | 277-480 V | 0-10 V | 30,000 lm | 5,000 K | Black | 10-1/4" x 10-1/4" x 7-1/4" | 4 ft | - | |
| ASD-UHB2HV-300D50-PRM | 300W | 277-480 V | 0-10 V | 45,000 lm | 5,000 K | Black | 12-5/8" x 12-5/8" x 8-1/4" | 4 ft | - | |
| ASD-UHB2HV-400D50-PRM | 400W | 277-480 V | 0-10 V | 56,000 lm | 5,000 K | Black | 14-3/16" x 14-3/16" x 12-1/8" | 4 ft | - | |
| ASD-UHB2HV-500D50-PRM | 500W | 277-480 V | 0-10 V | 70,000 lm | 5,000 K | Black | 14-3/16" x 14-3/16" x 12-1/8" | 4 ft | - | |
| UHB22-MS WITH MOTION SENSOR | | | | | | | | | | |
| ASD-UHB22-100D50-MS | 100W | 120-277V | 1-10 V | 14,800 lm | 5,000 K | Black | 10-1/4" x 10-1/4" x 7-1/2" | 4 ft | Motion sensor | |
| ASD-UHB22-150D50-MS | 150W | 120-277V | 1-10 V | 22,200 lm | 5,000 K | Black | 10-1/4" x 10-1/4" x 7-1/2" | 4 ft | Motion sensor | |
| ASD-UHB22-200D50-MS | 200W | 120-277V | 1-10 V | 29,600 lm | 5,000 K | Black | 11-7/16" x 11-7/16" x 7-7/8" | 4 ft | Motion sensor | |
| ASD-UHB22-240D50-MS | 240W | 120-277V | 1-10 V | 35,520 lm | 5,000 K | Black | 11-7/16" x 11-7/16" x 7-7/8" | 4 ft | Motion sensor | |
| UHB-RC-MSK1 | Remote control for motion sensor | | | | | | | 6-7/8" x 2-1/4" x 1-1/16" | - | - |

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



LED UFO HIGH BAY

PRODUCT SPECIFICATIONS:

| Construction & Materials | | | | | | | | | |
|---------------------------------|---|-------------------------------------|----------------------|---|-----------------------|-------------------------------------|--|-------------------------------------|------------------|
| Housing | Aluminum | | | | | | | | |
| Lens | Glass 120° | | | for UHB2-HE: PC 90° | | | | | |
| Finish | White, Black | | | | | | | | |
| Weight | ASD-UHB2-100D35-PRM | 6.2 lbs (2.8 kg) | ASD-UHB2-200D35-PRM | 6.2 lbs (2.8 kg) | ASD-UHB2-400D50-PRM | 17 lbs (7.7 kg) | ASD-UHB2HV-300D50-PRM | 13.7 lbs (6.2 kg) | |
| | ASD-UHB2-100D50-PRM | | ASD-UHB2-200D40W-PRM | | ASD-UHB2-500D50-PRM | | ASD-UHB2HV-400D50-PRM | | |
| | ASD-UHB2-100D50W-PRM | | ASD-UHB2-200D50-PRM | | ASD-UHB2-HE-240D50-BK | | ASD-UHB2HV-500D50-PRM | | |
| | ASD-UHB2-150D35-PRM | | 6.2 lbs (2.8 kg) | ASD-UHB2-200D50W-PRM | 8.2 lbs (3.7 kg) | ASD-UHB2-HE-500D50-BK | 20 lbs (9.1 kg) | ASD-UHB22-100D50-MS | 7.1 lbs (3.2 kg) |
| | ASD-UHB2-150D40W-PRM | | | ASD-UHB2-240D50-PRM | | ASD-UHB2-HE-600D50-BK | | ASD-UHB22-150D50-MS | |
| | ASD-UHB2-150D50-PRM | | | ASD-UHB2-240D50W-PRM | | ASD-UHB2HV-150D50-PRM | | ASD-UHB22-200D50-MS | |
| | ASD-UHB2-150D50W-PRM | | | ASD-UHB2-300D50-PRM | | ASD-UHB2HV-200D50-PRM | | ASD-UHB22-240D50-MS | |
| Environmental system | | | | | | | | | |
| Work environment | Suitable for Wet Locations, IP65/69K | | | for UHB2-HE: Suitable for Wet Locations, IP65 | | | | | |
| Operating temperature | ASD-UHB2-100D35-PRM | -40°F to 149°F (-40°C to 65°C) * | ASD-UHB2-200D35-PRM | -40°F to 149°F (-40°C to 65°C) * | ASD-UHB2-400D50-PRM | -40°F to 149°F (-40°C to 65°C) * | ASD-UHB2HV-300D50-PRM | -40°F to 149°F (-40°C to 65°C) * | |
| | ASD-UHB2-100D50-PRM | | ASD-UHB2-200D40W-PRM | | ASD-UHB2-500D50-PRM | | ASD-UHB2HV-400D50-PRM | | |
| | ASD-UHB2-100D50W-PRM | | ASD-UHB2-200D50-PRM | | ASD-UHB2-HE-240D50-BK | | ASD-UHB2HV-500D50-PRM | | |
| | ASD-UHB2-150D35-PRM | | ASD-UHB2-200D50W-PRM | | ASD-UHB2-HE-500D50-BK | | ASD-UHB22-100D50-MS | | |
| | ASD-UHB2-150D40W-PRM | | ASD-UHB2-240D50-PRM | | ASD-UHB2-HE-600D50-BK | | ASD-UHB22-150D50-MS | | |
| | ASD-UHB2-150D50-PRM | | ASD-UHB2-240D50W-PRM | | ASD-UHB2HV-150D50-PRM | | ASD-UHB22-200D50-MS | | |
| | ASD-UHB2-150D50W-PRM | | ASD-UHB2-300D50-PRM | | ASD-UHB2HV-200D50-PRM | | ASD-UHB22-240D50-MS | | |
| L-70 Life | for UHB2: R > 54,000 hrs; C > 152,000 hrs for UHB22: R > 54,000 hrs; C > 145,000 hrs | | | for ASD-UHB2-400D50-PRM, ASD-UHB2-500D50-PRM: R > 60,000 hrs; C > 154,000 hrs | | | for UHB2-HE: R > 54,000 hrs; C > 143,000 hrs | | |
| Optical system | | | | | | | | | |
| Luminous flux | ASD-UHB2-100D35-PRM | 14,600 lm | ASD-UHB2-200D35-PRM | 29,200 lm | ASD-UHB2-400D50-PRM | 60,000 lm | ASD-UHB2HV-300D50-PRM | 45,000 lm | |
| | ASD-UHB2-100D50-PRM | 14,800 lm | ASD-UHB2-200D40W-PRM | 29,400 lm | ASD-UHB2-500D50-PRM | 75,000 lm | ASD-UHB2HV-400D50-PRM | 56,000 lm | |
| | ASD-UHB2-100D50W-PRM | | ASD-UHB2-200D50-PRM | 29,600 lm | ASD-UHB2-HE-240D50-BK | 39,594 lm | ASD-UHB2HV-500D50-PRM | 70,000 lm | |
| | ASD-UHB2-150D35-PRM | 21,900 lm | ASD-UHB2-200D50W-PRM | | 35,520 lm | ASD-UHB2-HE-500D50-BK | 82,740 lm | ASD-UHB22-100D50-MS | 14,800 lm |
| | ASD-UHB2-150D40W-PRM | 22,050 lm | ASD-UHB2-240D50-PRM | ASD-UHB2-HE-600D50-BK | | 98,935 lm | ASD-UHB22-150D50-MS | 22,200 lm | |
| | ASD-UHB2-150D50-PRM | 22,200 lm | ASD-UHB2-240D50W-PRM | 45,000 lm | ASD-UHB2HV-150D50-PRM | 22,500 lm | ASD-UHB22-200D50-MS | 29,600 lm | |
| | ASD-UHB2-150D50W-PRM | | ASD-UHB2-300D50-PRM | | ASD-UHB2HV-200D50-PRM | 30,000 lm | ASD-UHB22-240D50-MS | 35,520 lm | |
| Color temperature | 3,500 K; 4,000 K; 5,000 K | | | | | | | | |
| CRI | > 70 | | | | | | | | |
| Electrical system | | | | | | | | | |
| Input voltage | Regular voltage: 120-277 V High voltage: 277-480 V | | | | | | | | |
| Max input current | ASD-UHB2-100D35-PRM | 1.3 A | ASD-UHB2-200D35-PRM | 2.6 A | ASD-UHB2-400D50-PRM | 4.5 A | ASD-UHB2HV-300D50-PRM | 1.2 A | |
| | ASD-UHB2-100D50-PRM | | ASD-UHB2-200D40W-PRM | | ASD-UHB2-500D50-PRM | | ASD-UHB2HV-400D50-PRM | | |
| | ASD-UHB2-100D50W-PRM | | ASD-UHB2-200D50-PRM | | ASD-UHB2-HE-240D50-BK | | ASD-UHB2HV-500D50-PRM | | |
| | ASD-UHB2-150D35-PRM | 2 A | ASD-UHB2-200D50W-PRM | 2.95 A | ASD-UHB2-HE-500D50-BK | 5.8 A | ASD-UHB22-100D50-MS | 1.2 A | |
| | ASD-UHB2-150D40W-PRM | | ASD-UHB2-240D50-PRM | | ASD-UHB2-HE-600D50-BK | | ASD-UHB22-150D50-MS | | |
| | ASD-UHB2-150D50-PRM | | ASD-UHB2-240D50W-PRM | | ASD-UHB2HV-150D50-PRM | | ASD-UHB22-200D50-MS | | |
| | ASD-UHB2-150D50W-PRM | | ASD-UHB2-300D50-PRM | | ASD-UHB2HV-200D50-PRM | | ASD-UHB22-240D50-MS | | |
| Inrush current (Action time) | ASD-UHB2-100D35-PRM | 80 A (0.5 S) | ASD-UHB2-200D35-PRM | 80 A (0.5 S) | ASD-UHB2-400D50-PRM | 60 A (<1 S) | ASD-UHB2HV-300D50-PRM | 90 A (0.5 S) | |
| | ASD-UHB2-100D50-PRM | | ASD-UHB2-200D40W-PRM | | ASD-UHB2-500D50-PRM | | ASD-UHB2HV-400D50-PRM | | |
| | ASD-UHB2-100D50W-PRM | | ASD-UHB2-200D50-PRM | | ASD-UHB2-HE-240D50-BK | | ASD-UHB2HV-500D50-PRM | | |
| | ASD-UHB2-150D35-PRM | | ASD-UHB2-200D50W-PRM | | ASD-UHB2-HE-500D50-BK | | ASD-UHB22-100D50-MS | | |
| | ASD-UHB2-150D40W-PRM | | ASD-UHB2-240D50-PRM | | ASD-UHB2-HE-600D50-BK | | ASD-UHB22-150D50-MS | | |
| | ASD-UHB2-150D50-PRM | | ASD-UHB2-240D50W-PRM | | ASD-UHB2HV-150D50-PRM | | ASD-UHB22-200D50-MS | | |
| | ASD-UHB2-150D50W-PRM | | ASD-UHB2-300D50-PRM | | ASD-UHB2HV-200D50-PRM | | ASD-UHB22-240D50-MS | | |
| Off state power | 0W | | | | | | | | |
| Power consumption | ASD-UHB2-100D35-PRM | 100W | ASD-UHB2-200D35-PRM | 200W | ASD-UHB2-400D50-PRM | 400W | ASD-UHB2HV-300D50-PRM | 300W | |
| | ASD-UHB2-100D50-PRM | | ASD-UHB2-200D40W-PRM | | ASD-UHB2-500D50-PRM | | ASD-UHB2HV-400D50-PRM | | |
| | ASD-UHB2-100D50W-PRM | | ASD-UHB2-200D50-PRM | | ASD-UHB2-HE-240D50-BK | | ASD-UHB2HV-500D50-PRM | | |
| | ASD-UHB2-150D35-PRM | 150W | ASD-UHB2-200D50W-PRM | 240W | ASD-UHB2-HE-500D50-BK | 500W | ASD-UHB22-100D50-MS | 100W | |
| | ASD-UHB2-150D40W-PRM | | ASD-UHB2-240D50-PRM | | ASD-UHB2-HE-600D50-BK | | ASD-UHB22-150D50-MS | | |
| | ASD-UHB2-150D50-PRM | | ASD-UHB2-240D50W-PRM | | ASD-UHB2HV-150D50-PRM | | ASD-UHB22-200D50-MS | | |
| | ASD-UHB2-150D50W-PRM | | ASD-UHB2-300D50-PRM | | ASD-UHB2HV-200D50-PRM | | ASD-UHB22-240D50-MS | | |
| Power factor | > 0.9 | | | | | | | | |
| Output voltage | ASD-UHB2-100D35-PRM | 180-260 V | ASD-UHB2-200D35-PRM | 180-260 V | ASD-UHB2-400D50-PRM | 171-228 V | ASD-UHB2HV-300D50-PRM | 114-228 V | |
| | ASD-UHB2-100D50-PRM | | ASD-UHB2-200D40W-PRM | | ASD-UHB2-500D50-PRM | | ASD-UHB2HV-400D50-PRM | | |
| | ASD-UHB2-100D50W-PRM | | ASD-UHB2-200D50-PRM | | ASD-UHB2-HE-240D50-BK | | ASD-UHB2HV-500D50-PRM | | |
| | ASD-UHB2-150D35-PRM | | ASD-UHB2-200D50W-PRM | | ASD-UHB2-HE-500D50-BK | | ASD-UHB22-100D50-MS | | |
| | ASD-UHB2-150D40W-PRM | | ASD-UHB2-240D50-PRM | | ASD-UHB2-HE-600D50-BK | | ASD-UHB22-150D50-MS | | |
| | ASD-UHB2-150D50-PRM | | ASD-UHB2-240D50W-PRM | | ASD-UHB2HV-150D50-PRM | | ASD-UHB22-200D50-MS | | |
| | ASD-UHB2-150D50W-PRM | | ASD-UHB2-300D50-PRM | | ASD-UHB2HV-200D50-PRM | | ASD-UHB22-240D50-MS | | |

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



LED UFO HIGH BAY

| Electrical system | | | | | | | | |
|---|----------------------|-----------------------|----------------------|---------------------|-----------------------|--------------|-----------------------|--------------|
| Max output current | ASD-UHB2-100D35-PRM | 0.4 A | ASD-UHB2-200D35-PRM | 0.8 A | ASD-UHB2-400D50-PRM | 1.75 A | ASD-UHB2HV-300D50-PRM | 1.25 A |
| | ASD-UHB2-100D50-PRM | | ASD-UHB2-200D40W-PRM | | ASD-UHB2-500D50-PRM | 2.2 A | ASD-UHB2HV-400D50-PRM | 7.5 A |
| | ASD-UHB2-100D50W-PRM | | ASD-UHB2-200D50-PRM | | ASD-UHB2-HE-240D50-BK | 0.52 A | ASD-UHB2HV-500D50-PRM | 9.4 A |
| | ASD-UHB2-150D35-PRM | 0.6 A | ASD-UHB2-200D50W-PRM | 0.95 A | ASD-UHB2-HE-500D50-BK | 2.21 A | ASD-UHB22-100D50-MS | 0.75 A |
| | ASD-UHB2-150D40W-PRM | | ASD-UHB2-240D50-PRM | | ASD-UHB2-HE-600D50-BK | 2.37 A | ASD-UHB22-150D50-MS | 0.6 A |
| | ASD-UHB2-150D50-PRM | | ASD-UHB2-240D50W-PRM | | ASD-UHB2HV-150D50-PRM | 2.8 A | ASD-UHB22-200D50-MS | |
| Surge protection DM/CM | ASD-UHB2-150D50W-PRM | 6 kV / 6 kV | ASD-UHB2-300D50-PRM | 5.6 A | ASD-UHB2HV-200D50-PRM | 3.75 A | ASD-UHB22-240D50-MS | 1 A |
| | ASD-UHB2-100D35-PRM | | ASD-UHB2-200D35-PRM | | ASD-UHB2-400D50-PRM | 6 kV / 10 kV | ASD-UHB2HV-300D50-PRM | 6 kV / 10 kV |
| | ASD-UHB2-100D50-PRM | | ASD-UHB2-200D40W-PRM | | ASD-UHB2-500D50-PRM | | ASD-UHB2HV-400D50-PRM | |
| | ASD-UHB2-100D50W-PRM | | ASD-UHB2-200D50-PRM | | ASD-UHB2-HE-240D50-BK | 6 kV / 6 kV | ASD-UHB2HV-500D50-PRM | |
| | ASD-UHB2-150D35-PRM | | ASD-UHB2-200D50W-PRM | | ASD-UHB2-HE-500D50-BK | 10 kV / 6 kV | ASD-UHB22-100D50-MS | 6 kV / 6 kV |
| | ASD-UHB2-150D40W-PRM | | ASD-UHB2-240D50-PRM | | ASD-UHB2-HE-600D50-BK | | ASD-UHB22-150D50-MS | |
| ASD-UHB2-150D50-PRM | ASD-UHB2-240D50W-PRM | ASD-UHB2HV-150D50-PRM | 4 kV / 4 kV | ASD-UHB22-200D50-MS | | | | |
| ASD-UHB2-150D50W-PRM | ASD-UHB2-300D50-PRM | ASD-UHB2HV-200D50-PRM | | ASD-UHB22-240D50-MS | | | | |
| Dimming compatible controls *** | | | | | | | | |
| Brand | Maxxima | Keygma | Lutron | Leviton | Eaton | | | |
| Models | MEW-DM600LV | KGM-1A010V | DVSTV-WH | IP710-DLZ | DF10P-C1 | | | |
| Regular and voluntary certifications | | | | | | | | |
| 5-year limited warranty | | | | | | | | |
| DesignLights Consortium (DLC) listed (Classification: Premium) Main, Indoor luminaires; General application: High-bay; Primary use: High-bay luminaires for commercial and industrial buildings. | | | | | | | | |
| UL certified E473804 | | | | | | | | |
| cETLus certified (for UHB2-HE) | | | | | | | | |

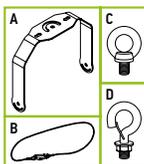
* Under extreme conditions fixture may enter protection mode. If ambient temperature exceeds 65°C (149°F) for an extended period lumen output will decrease to 60% capacity. At higher sustained temperatures protection mode will terminate power to the fixture.

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

*** The list of dimmers is relevant for models without a motion sensor.

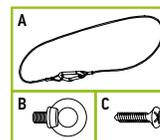
PACKAGE CONTENTS FOR UHB2:

| Description | Q-ty |
|--|------|
| LED UFO High Bay Fixture | 1 |
| Bracket (A) only for HE-600W, HV-300W, HV-400W, HV-500W models | 1 |
| Safety cable (B) | 1 |
| Mounting ring (C) | 1 |
| Spring hook M20 (D) only for HV-400W, HV-500W models | 1 |
| Box | 1 |

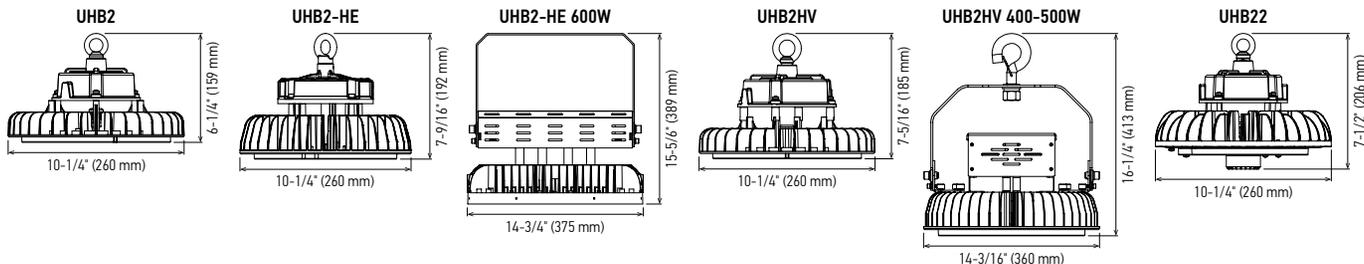


PACKAGE CONTENTS FOR UHB22:

| Description | Q-ty |
|---------------------------------------|------|
| LED UFO High Bay Fixture | 1 |
| Safety cable (A) | 1 |
| Mounting ring (B) | 1 |
| Screw for reflector installation (C)* | 1 |
| Box | 1 |



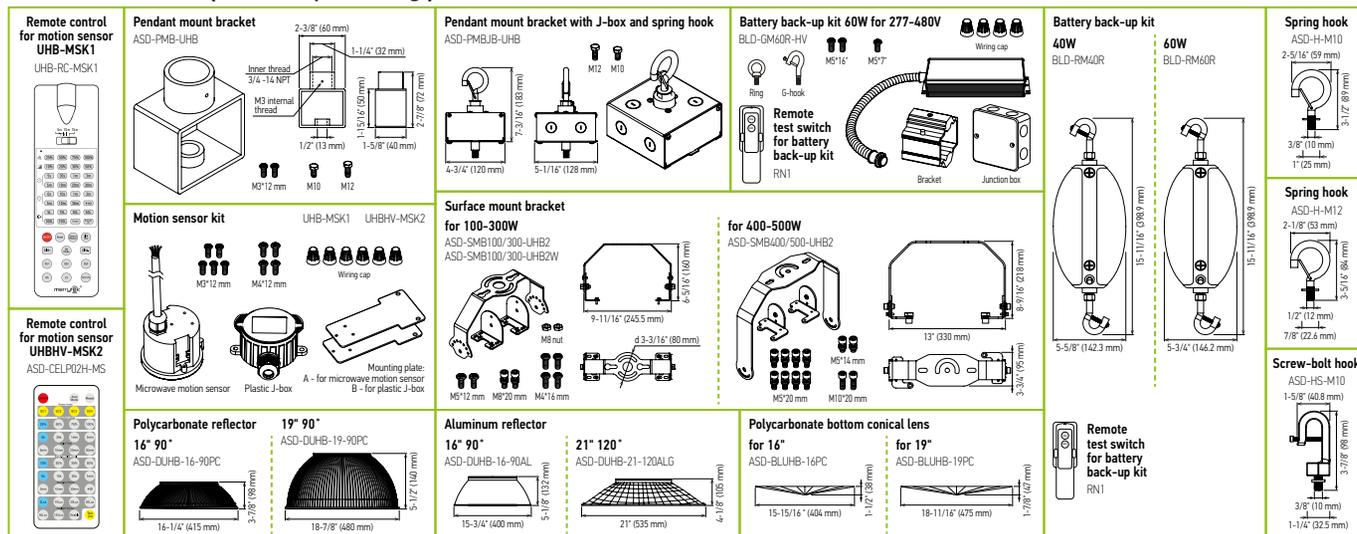
* Screws are already installed in the attachment points of the UFO housing.



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

ASD® LED UFO HIGH BAY

ACCESSORIES (sold separately):



Remote control for motion sensor UHB-MSK1
UHB-RC-MSK1

Pendant mount bracket ASD-PMB-UHB
M3*12 mm, M10, M12, 2-3/8" (60 mm), 3/4"-14 NPT, 1-1/4" (32 mm), 1-13/16" (99 mm), 1-3/8" (40 mm), 2-7/8" (72 mm)

Pendant mount bracket with J-box and spring hook ASD-PMBJ-UHB
M12, M10, 4-3/4" (120 mm), 5-1/16" (128 mm)

Battery back-up kit 60W for 277-480V
BLD-GM60R-HV, Ring, G-hook, M5*16, M5*7, Remote test switch for battery back-up kit, Bracket, Junction box, RN1

Battery back-up kit 40W
BLD-RM40R, 5-5/8" (142.3 mm)

Battery back-up kit 60W
BLD-RM60R, 5-3/4" (144.2 mm)

Spring hook ASD-H-M10
2-5/16" (32 mm), 3-1/2" (89 mm), 3/8" (10 mm), 1" (25 mm)

Spring hook ASD-H-M12
2-1/8" (52 mm), 3-3/4" (94 mm), 1/2" (12 mm), 7/8" (22.6 mm)

Screw-bolt hook ASD-HS-M10
1-5/8" (40.8 mm), 3-3/8" (86 mm), 3/8" (10 mm), 1-1/4" (32.5 mm)

Motion sensor kit UHB-MSK1 UHBHV-MSK2
M9*12 mm, M4*12 mm, Wiring cap, Microwave motion sensor, Plastic J-box, Mounting plate: A - for microwave motion sensor B - for plastic J-box

Surface mount bracket for 100-300W
ASD-SMB100/300-UHB2, ASD-SMB100/300-UHB2W, 9-11/16" (145.5 mm), 8-5/16" (130 mm), M8 nut, M6*12 mm, M8*20 mm, M4*14 mm

Surface mount bracket for 400-500W
ASD-SMB400/500-UHB2, 13" (330 mm), 8-9/16" (218 mm), 3-3/4" (95 mm), M5*14 mm, M5*20 mm, M10*20 mm

Polycarbonate reflector 16" 90°
ASD-DUHB-16-90PC, 3-7/8" (98 mm), 16-1/4" (415 mm)

Polycarbonate reflector 19" 90°
ASD-DUHB-19-90PC, 5-1/2" (140 mm), 18-7/8" (480 mm)

Aluminum reflector 16" 90°
ASD-BLUHB-16-90AL, 5-1/8" (132 mm), 15-3/4" (400 mm)

Aluminum reflector 21" 120°
ASD-DUHB-21-120ALG, 4-1/8" (105 mm), 21" (535 mm)

Polycarbonate bottom conical lens for 16"
ASD-BLUHB-16PC, 1-1/2" (38 mm), 15-15/16" (404 mm)

Polycarbonate bottom conical lens for 19"
ASD-BLUHB-19PC, 1-7/8" (47 mm), 18-11/16" (475 mm)

ACCESSORY COMPATIBILITY LIST:

| Accessories | Models | Motion sensor kit for 120-277V UHB-MSK1 | Motion sensor kit for 347-480V UHBHV-MSK2 | Remote control for motion sensor UHB-MSK1 UHB-RC-MSK1 | Polycarbonate reflector 16" ASD-DUHB-16-90PC | Polycarbonate reflector 19" ASD-DUHB-19-90PC | Polycarbonate bottom conical lens for 16" ASD-BLUHB-16PC | Polycarbonate bottom conical lens for 19" ASD-BLUHB-19PC | Aluminum reflector 16" ASD-DUHB-16-90AL | Aluminum reflector 21" ASD-DUHB-21-120ALG | Spring hook M10 ASD-H-M10 | Screw-bolt hook M10 ASD-HS-M10 | Spring hook M12 ASD-H-M12 | Battery back-up kit 40W BLD-RM40R | Battery back-up kit 60W BLD-RM60R | Battery back-up kit 60W for 277-480V BLD-GM60R-HV | Pendant mount bracket ASD-PMB-UHB | Pendant mount bracket with J-box and spring hook ASD-PMBJ-UHB | Surface mount bracket ASD-SMB100/300-UHB2 ASD-SMB100/300-UHB2W | Surface mount bracket ASD-SMB400/500-UHB2 |
|-----------------------|--------|---|---|---|--|--|--|--|---|---|---------------------------|--------------------------------|---------------------------|-----------------------------------|-----------------------------------|---|-----------------------------------|---|--|---|
| ASD-UHB2-100D35-PRM | | • | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| ASD-UHB2-100D50-PRM | | • | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| ASD-UHB2-100D50W-PRM | | • | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| ASD-UHB2-150D35-PRM | | • | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| ASD-UHB2-150D40W-PRM | | • | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| ASD-UHB2-150D50-PRM | | • | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| ASD-UHB2-150D50W-PRM | | • | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| ASD-UHB2-200D35-PRM | | • | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| ASD-UHB2-200D40W-PRM | | • | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| ASD-UHB2-200D50-PRM | | • | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| ASD-UHB2-200D50W-PRM | | • | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| ASD-UHB2-240D50-PRM | | • | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| ASD-UHB2-240D50W-PRM | | • | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| ASD-UHB2-300D50-PRM | | • | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| ASD-UHB2-400D50-PRM | | • | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| ASD-UHB2-500D50-PRM | | • | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| ASD-UHB2-HE-240D50-BK | | • | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| ASD-UHB2-HE-500D50-BK | | • | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| ASD-UHB2-HE-600D50-BK | | • | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| ASD-UHB2HV-150D50-PRM | | • | • | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| ASD-UHB2HV-200D50-PRM | | • | • | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| ASD-UHB2HV-300D50-PRM | | • | • | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| ASD-UHB2HV-400D50-PRM | | • | • | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| ASD-UHB2HV-500D50-PRM | | • | • | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| ASD-UHB22-100D50-MS | | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| ASD-UHB22-150D50-MS | | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| ASD-UHB22-200D50-MS | | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| ASD-UHB22-240D50-MS | | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |

Note: Battery back-up kit and the Motion sensor kit can not work together. Please install one at a time.

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



LED UFO HIGH BAY

BUILT-IN MOTION SENSOR INFORMATION



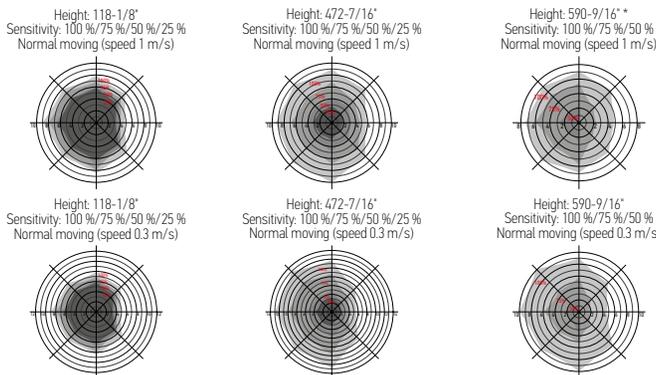
UHB22-MS series



remote control
UHB-RC-MSK1
(sold separately)

- ▶ Sensor parameters can be conveniently set via remote control (sold separately)
- ▶ Mounting height up to 49.2ft (15m) max, suitable for warehouse use
- ▶ Built-in adjustable daylight sensor

Coverage area for ceiling mounting:



* Only 100%/75%/50% detection sensitivity is workable when installed at 590-9/16" mounting height
25% sensitivity is not able to detect motion signal.

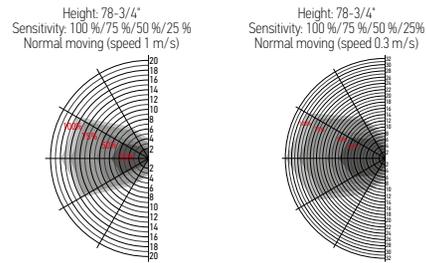
| Specifications | Model: MCD79D RC2B |
|-----------------------|---|
| Operating voltage | 12 Vdc ± 1 V |
| Operating current | 25 mA |
| Working mode | 0-10 Vdc |
| Detection area | 25 %/50 %/75 %/100 % |
| Hold time | 5 s/1 min/3 min/5 min/10 min/20 min/30 min |
| Daylight threshold | 5 lux (0.5 fc)/15 lux (1.4 fc)/30 lux (2.8 fc)/50 lux (4.7 fc)/100 lux (9.3 fc)/150 lux (14 fc)/Disable |
| Standby period | 0 s/10 s/1 min/3 min/5 min/10 min/30 min/+ ∞ |
| Standby dimming level | 10 %/20 %/30 %/50 % |
| Operating frequency | 5.8 GHz ± 75 MHz, ISM band |
| Transmitting power | 1 mW max |
| Stand-by power | < 0.3 mW |
| Mounting height | max 49.2 ft (15 m) |
| Detection range | max 39.37 ft (12 m) |

DEFAULT SETTING:

| Detection area | Hold time | Daylight sensor | Stand-by period | Stand-by dim level | Sensitivity |
|----------------|-----------|-----------------|-----------------|--------------------|-------------|
| 100 % | 20 min | Disable | 0 s | 10 % | Low (LS) |

⚠ RF interference may affect the operation of this sensor.

Coverage area for wall mounting:



MOTION SENSOR KIT INFORMATION



UHB-MSK Motion sensor kit for 120-277V



remote control
UHB-RC-MSK1
(sold separately)

- ▶ Sensor parameters can be conveniently set via remote control (sold separately)
- ▶ Mounting height up to 50 ft max, suitable for warehouse use
- ▶ Water proof sensor with IP65 rating
- ▶ 3-step dimming when used in combination with 1-10 V dimmable LED drivers



UHBHV-MSK2 Motion sensor kit for 347-480V



remote control
ASD-CELP02H-MS
(sold separately)

- ▶ Built-in adjustable daylight sensor
- ▶ 1-10 V 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 fixture models | ASD-UHB2-100D35-PRM ASD-UHB2-100D50-PRM ASD-UHB2-100D50W-PRM ASD-UHB2-150D35-PRM | ASD-UHB2-150D40W-PRM ASD-UHB2-150D50-PRM ASD-UHB2-150D50W-PRM | ASD-UHB2-200D35-PRM ASD-UHB2-200D40W-PRM ASD-UHB2-200D50-PRM | ASD-UHB2-200D50W-PRM ASD-UHB2-240D50-PRM ASD-UHB2-240D50W-PRM | ASD-UHB2-300D50-PRM ASD-UHB2-400D50-PRM ASD-UHB2-500D50-PRM | ASD-UHB2HV-150D50-PRM ASD-UHB2HV-200D50-PRM ASD-UHB2HV-300D50-PRM | ASD-UHB2HV-400D50-PRM ASD-UHB2HV-500D50-PRM |
| Rated load | 120 Vac - 400W max; 277 Vac - 800W max | | | | 277 Vac - 800W max; 480 Vac - 1200W 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 (0.5 fc)/15 lux (1.4 fc)/30 lux (2.8 fc)/50 lux (4.7 fc)/100 lux (9.3 fc)/150 lux (14 fc)/disable | | | | | 2 lux (0.2 fc)/10 lux (0.9 fc)/30 lux (2.8 fc)/50 lux (4.7 fc)/80 lux (7.4 fc)/120 lux (11.2 fc)/disable | |
| Stand by power | < 1W | | | | | | |
| 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 | 10-50 ft (3-15 m) | | | | | | |
| 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

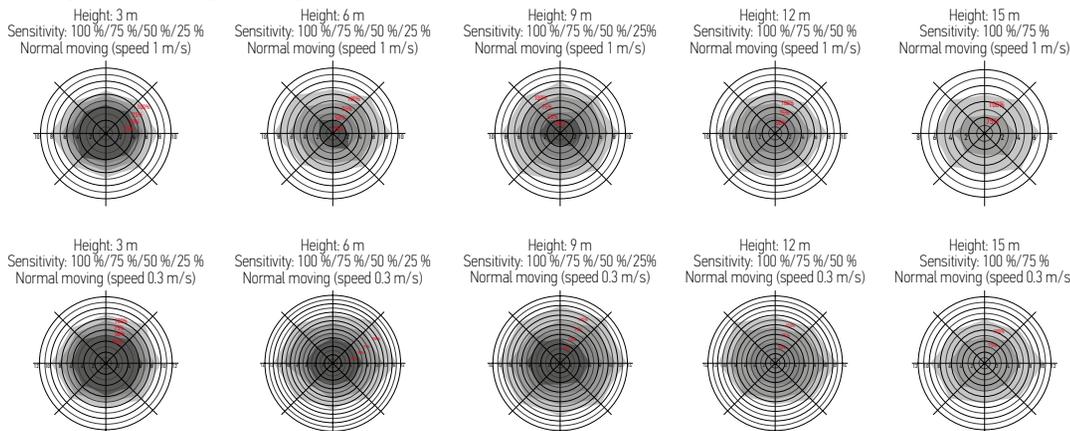
For most up-to-date spec sheets please refer to asd-lighting.com



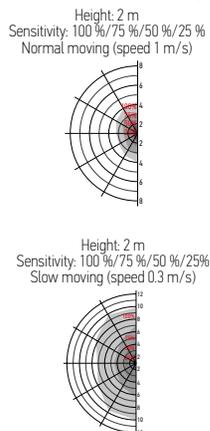


LED UFO HIGH BAY

Coverage area for ceiling mounting:

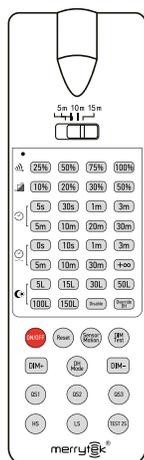


Coverage area for wall mounting:



* Only 100 %/75 %/50 % detection sensitivity is workable when installed at 10 m & 15 m mounting height 25 % sensitivity is not able to detect motion signal.

REMOTE CONTROL UHB-RC-MSK1 sold separately:



| Button | Remarks |
|-------------------|---|
| ON/OFF | Press the "ON/OFF" button: the fixture will switch to the constant on/off mode. Use ON/OFF button to on and off the fixture. Press any another button to switch back to the motion sensor mode. |
| Reset | Press "Reset" button: all parameters are the same as the DIP switch or factory settings. |
| Sensor motion | Press "Sensor motion" button, the light quits from the constant on/off mode, and the sensor starts to work (The latest setting stays in validity). |
| Dim test | Press "Dim test" button: the 0-10 V dimming works to test whether the 0-10 V dc dimming ports are connected properly. After 2 s, it returns to the latest setting automatically. |
| Override DH | Hold for 3 s: daylight priority mode will be switched to daylight threshold mode with the preset daylight value. |
| DIM + / DIM - | Set occupancy light level in range of 50 % - 100 %. Dim level changes by 2 % each time Dim +/- is pressed. |
| DH Mode | Hold for 3 s: sensor will be switched to daylight priority mode, if the preset daylight value is set to "Disable" the sensor will stay in daylight threshold mode. |
| Escena option | Detection area Hold time Standby period Standby dim level Daylight sensor Induction model |
| QS1 | 100 % 5 min 10 min 10 % 30 lux (2.8 fc) HS |
| QS2 | 100 % 10 min 30 min 10 % Disable HS |
| QS3 | 100 % 20 min 30 min 10 % Disable HS |
| Test 2 s | Press the "Test 2 s" button at any time to enter test mode. In this mode the sensor parameters are as follows: Detection area is 100 %, Hold time is 5 s, Standby dim level is 10 %, Standby period is 0 s, daylight sensor is disabled. This function is only for testing. Press "Reset" or any other function button to exit this mode. |
| HS / LS | Press the "HS" button for high sensitivity in the detection area. Press the "LS" button for low sensitivity in the detection area. The adjustment is based on the "Detection area" parameter you set. |
| Daylight sensor | Set up daylight threshold: 5 lux (0.5 fc)/15 lux (1.4 fc)/30 lux (2.8 fc)/50 lux (4.7 fc)/100 lux (9.3 fc)/150 lux (14 fc)/disable |
| Standby period | Set up standby time: 0 s/10 s/1 min/3 min/5 min/10 min/30 min/+ ∞ |
| Hold time | Set up hold-time: 5 s/30 s/1 min/3 min/5 min/10 min/20 min/30 min |
| Standby dim level | Set up standby dim level: 10 %/20 %/30 %/50 % |
| Detection area | Set up detection area: 25 %/50 %/75 %/100 % |
| Remote distance | Toggle the button to set the remote distance of remote control and sensor. |

Remote control and code setting conversion:

1. DIP switch settings convert to remote control: Press any button except "Reset" on the remote control, and the sensor settings convert to the function currently selected by the remote control. (No function button settings invalid).

2. Remote control convert to DIP switch settings:

a. Press the "Reset" button on the remote control, and all settings return to the DIP switch settings of the sensor.

b. Turn off the power, toggle any DIP switch, connect to the power, and all settings return to the DIP switch settings when power is supplied again.

To manually set your fixture use the top set of buttons on your wireless remote control. There are 5 sets of parameters to set.

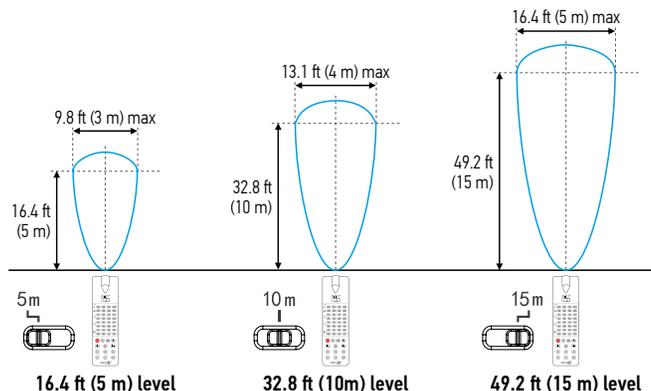
Detection area – sensitivity of motion sensor in percent.

Hold time – time the fixture will remain at full brightness after no motion is detected.

Stand by time – time fixture will remain on at a reduced brightness.

Stand by dim level – light output level after hold time expires and stand by time starts.

Daylight threshold – fixture can be set to adjust light output based on ambient light levels in the area.



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



LED UFO HIGH BAY

REMOTE CONTROL ASD-CELPO2H-MS sold separately:

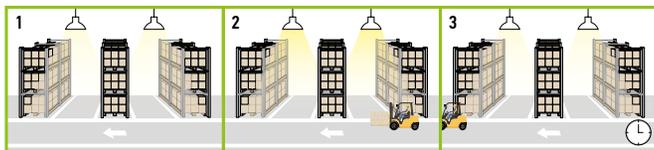


Remote control range is 10 ft, every fixture needs to be set up separately

| Button | Remarks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|--|-----------------------|----------------|-----------------------|-----|-------|------|----------------|-------|------|-----|-------|-------|---------------|--------|------|-----|-------|--------|---------------|--------|------|-----|-------|--------|---------|-----|------|
| ON/OFF | Press the "ON/OFF" button; the light stays permanently on or off. * Press "Auto Mode", "Reset" or "Scene mode" buttons to quit this mode. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Auto mode | Press "Auto mode" button; the sensor starts to work and all settings remain the same as before the light was switched on/off. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reset | Press "Reset" button; products with DIP switch will be controlled by DIP switches | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Scene mode | <table border="1"> <thead> <tr> <th>Detection area</th> <th>Hold time</th> <th>Daylight threshold</th> <th>Standby period</th> <th>Standby dimming level</th> </tr> </thead> <tbody> <tr> <td>SC1</td> <td>100 %</td> <td>30 s</td> <td>2 lux (0.2 fc)</td> <td>1 min</td> <td>10 %</td> </tr> <tr> <td>SC2</td> <td>100 %</td> <td>5 min</td> <td>10 lux (1 fc)</td> <td>10 min</td> <td>10 %</td> </tr> <tr> <td>SC3</td> <td>100 %</td> <td>10 min</td> <td>50 lux (5 fc)</td> <td>30 min</td> <td>10 %</td> </tr> <tr> <td>SC4</td> <td>100 %</td> <td>30 min</td> <td>Disable</td> <td>+ ∞</td> <td>10 %</td> </tr> </tbody> </table> | Detection area | Hold time | Daylight threshold | Standby period | Standby dimming level | SC1 | 100 % | 30 s | 2 lux (0.2 fc) | 1 min | 10 % | SC2 | 100 % | 5 min | 10 lux (1 fc) | 10 min | 10 % | SC3 | 100 % | 10 min | 50 lux (5 fc) | 30 min | 10 % | SC4 | 100 % | 30 min | Disable | + ∞ | 10 % |
| Detection area | Hold time | Daylight threshold | Standby period | Standby dimming level | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SC1 | 100 % | 30 s | 2 lux (0.2 fc) | 1 min | 10 % | | | | | | | | | | | | | | | | | | | | | | | | | |
| SC2 | 100 % | 5 min | 10 lux (1 fc) | 10 min | 10 % | | | | | | | | | | | | | | | | | | | | | | | | | |
| SC3 | 100 % | 10 min | 50 lux (5 fc) | 30 min | 10 % | | | | | | | | | | | | | | | | | | | | | | | | | |
| SC4 | 100 % | 30 min | Disable | + ∞ | 10 % | | | | | | | | | | | | | | | | | | | | | | | | | |
| Test (2 S) | The button "Test (2s)" is for testing purposes only. After pressing this button, the sensor goes to test mode (hold time is only 2s) automatically, standby period and daylight sensor are disabled. This mode can be ended by pressing "Reset", "Auto mode", "Scene mode" or "Hold time". The sensor settings are changed accordingly. Brightness settings: Disable Test mode (can press any key to exit this mode). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  ON/OFF control | There are 4 fixed scene mode programs built into the remote control to choose for different applications. |  Daylight threshold | Press the button "Daylight sensor" to set daylight threshold as 2 lux (0.2 fc)/ 10 lux (1 fc)/30 lux (3 fc)/50 lux (5 fc)/80 lux (8 fc)/120 lux (11 fc)/disable | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  Detection area | Press the button "Detection range" to set detection range as 100 %/75 %/50 %/10 % |  Stand-by period | Press the button "Stand-by period" to set standby period as 0 s/10 s/30 s/1 min/5 min/10 min/30 min/+ ∞. Note: "0 s" means on/off control; "+ ∞" means bi-level dimming control. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  Hold time | Press the button "Hold time" to set hold-time as 5 s/30 s/1 min/3 min/5 min/10 min/20 min/30 min. |  Stand-by dimming | Press the button "Stand-by dimming level" to set the standby dimming level as 10 %/20 %/30 %/50 %. | | | | | | | | | | | | | | | | | | | | | | | | | | | |

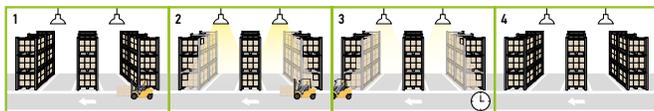
2-STEP DIMMING FUNCTION (STAND BY PERIOD BE SET TO "+ ∞")

1. If there is no motion detected, the light will be remained at a low light level all the time.
2. When motion is detected, the sensor will switch on the light to 100 % brightness.
3. After elapse of hold time, the sensor dims the light at the present low light level if no motion is detected.



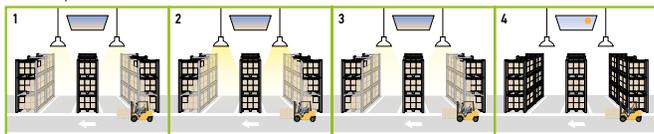
3-STEP DIMMING FUNCTION (STAND BY PERIOD BE SET TO "10 S/1 MIN/3 MIN/5 MIN/10 MIN/30 MIN")

1. With sufficient ambient light, the light will not be switched on even with the motion sensor activated.
2. With insufficient ambient light, the sensor will switch on the light when motion is detected.
3. After elapse of hold time, the sensor will dim the light if no new motion is detected.
4. After elapse of stand by period, the sensor switches off the light if no motion is detected.

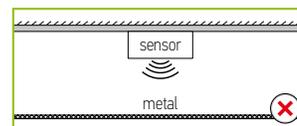


DAYLIGHT PRIORITY (STAND BY PERIOD SET TO "+ ∞")

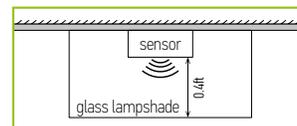
1. Lamp turns on at 10 % at night.
2. When motion is detected, lamp automatically lights up to 100 %.
3. After hold time, the lamp gradually dims to 10 % if no movement is detected.
4. Lamp turns off after dawn.



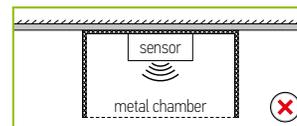
To avoid blocking the microwave emission, the microwave sensor can not be covered with metal materials, be sprayed with a coating of metal components, or have attached metal material or stickers etc.



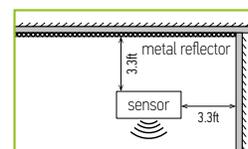
The distance between the antenna and the glass (dielectric material) should be no less than 0.4ft when the sensor is within the glass lampshade. Otherwise, the microwave motion sensor will not penetrate the glass easily.



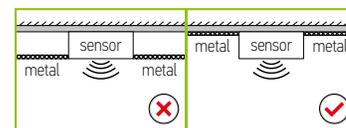
Avoid placing the sensor inside a metal chamber, this may cause a mis-trigger.



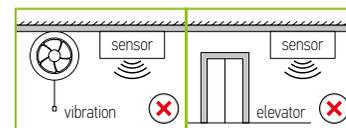
The sensor should not be placed in a small confined space. To avoid increasing the sensor detection range or abnormal operation, the sensor should be kept away from large areas of metal and glass reflectors (separation distance at least 3.3ft). Reduce the detection area setting.



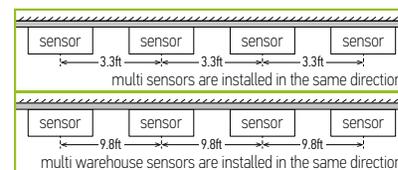
To avoid affecting the microwave signal transmission, the microwave antenna should be higher than the surrounding metal surface.



Any vibration or movement may trigger the sensor. Ensure the sensor is far from any constant movement.



When multiple sensors are installed side-by-side in the same direction, the distance between each sensor should be kept at least 3.3ft (the warehouse sensors at least 9.8ft) to avoid mutual interference.



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



LED UFO HIGH BAY

BATTERY BACK-UP KIT INFORMATION

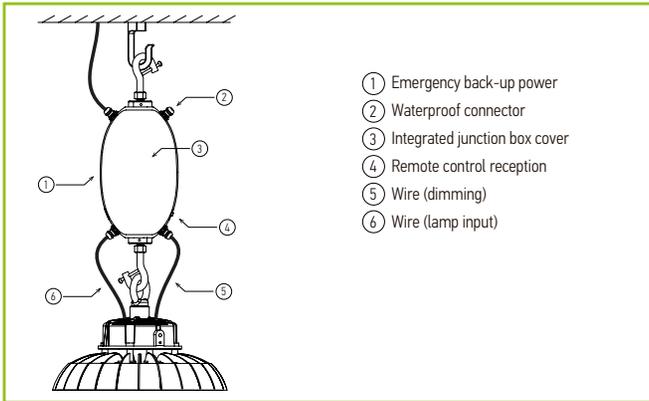
BLD-RM40R **BLD-RM60R** sold separately:

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



- ▶ Universal input range
- ▶ Works with AC/DC Motion sensors
- ▶ Field and factory installation
- ▶ IP65 for dry, damp and wet location
- ▶ 40W & 90 mins durable emergency operating time
- ▶ Surge L-N: 3KV; L&N-PE: 3KV
- ▶ Protection: over-voltage, short-circuit, over-load, open-circuit
- ▶ Li-ion safety batteries
- ▶ Link to the input of LED drivers
- ▶ Remote test via handheld control
- ▶ Self-diagnostic every month and year
- ▶ 5-year warranty from manufacture date
- ▶ Remote control (sold separately)

For more information please see the cut sheet from the package.



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

REMOTE TEST SWITCH

RN1 sold separately:

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



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

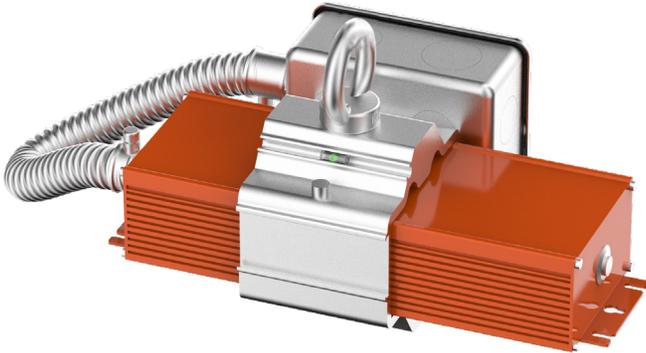


LED UFO HIGH BAY

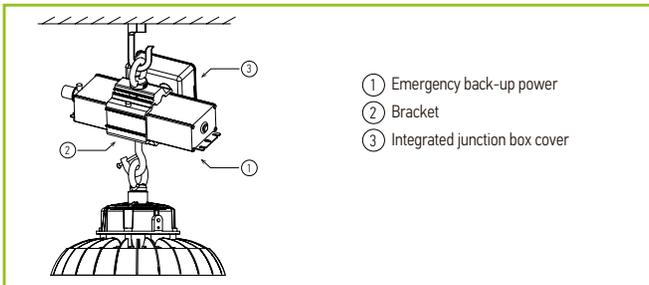
BATTERY BACK-UP KIT INFORMATION

BLD-GM60R-HV sold separately:

BLD-GM60R-HV, listed for field and factory installation, provides constant power output to the load during emergency mode operation. It maintains illumination in emergency mode for a minimum of 90 minutes. It is an ideal emergency solution for UFO LED highbay lights.



For more information please see the cut sheet from the package.



| Specifications | |
|--|---|
| Input voltage | 277-480 V 50/60 Hz |
| Input current | max 100 mA |
| Input power | max 20W |
| Standby input power | < 6W (finished charging) |
| Maximum standby time between recharges | 6 months |
| Driver type | Constant power |
| Output power (Emergency mode) | 60W |
| Output voltage range | 400 Vdc |
| Lumens | 6,000 lm |
| Maximum load power | 300W (when dimming to a minimum, the power needs to be less than 36W) |
| Peak output power (Emergency mode) | 65W |
| Number of output channels | 1 channel |
| RFI/EMI | FCC part 15 class B |
| Output type | LED class 1 |
| Battery type | Li-ion |
| Battery capacity available | 4000 mAh (115 WH) |
| Battery recharge time | 24 hours |
| Battery discharge time | 90 min |
| Maximum lighting fixture weight | 44.1 lbs (20 kg) |
| Self-diagnostic test system | In the normal charging mode, the system performs a self-diagnostic test every 30 days, the system switches to emergency mode for 30S, and then automatically switches back to the normal charging mode. |
| | In the normal charging mode, the system switches to emergency mode every 360 days (after 1 Monthly self-diagnostic test) and works until the end of discharge. Automatically switches back to normal charging mode after discharge. |
| Ambient operating temperature range | 40°F to 122°F (5°C to 50°C) |
| Service life | 50,000 hours |
| Input surge protection | 2 kV |
| Protections | Battery over discharge protection |
| | Output short circuit protection |
| Approvals/class | CE RoHS, UL924 listed, CEC title 20 |
| | Dry, Wet Locations |

REMOTE TEST SWITCH

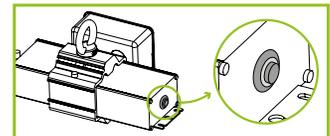
RN1 sold separately:

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



STANDARD OPERATION DISPLAY STATUS:

| | |
|----------------|---|
| Charging |  |
| Emergency mode |  |



AC operation:

AC power is present. The AC driver operates the LED load as designed. The emergency driver is charging in standby mode. The charging indicator will be lit, showing that the battery is charging.

Emergency operation:

When the AC power goes out, the emergency driver detects the AC power outage and automatically switches to emergency mode. When red LED light is OFF, that means driver is discharging. When the AC power is restored, the emergency driver goes back to AC power and starts recharging.

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



LED UFO HIGH BAY

INSTALLATION GUIDE

IMPORTANT SAFETY INFORMATION:

Please read all the instructions below before installation.

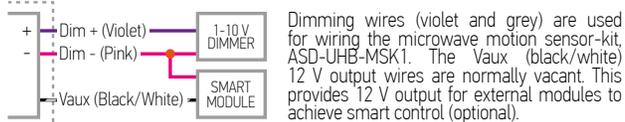
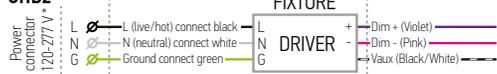
- ▶ Make sure that the supply voltage corresponds to the rated product voltage.
- ▶ The product must be installed by a qualified electrician in accordance with the National Electrical Code and corresponding local codes.
- ▶ If the product is damaged, do not use it.

⚠ WARNING

RISK OF PERSONAL INJURY – READ and follow all WARNINGS and installation instructions. Keep or give to the owner for future reference.
Risk of cuts: Wear gloves to prevent cuts or abrasions when removing from carton, handling, installing, and maintaining this product.
Risk of electric shock: This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
Risk of Fire: Minimum 194°F supply conductors. Consult a qualified electrician to ensure correct branch circuit conductor.
 ASD® assumes no responsibility for claims arising out of improper or careless installation or handling of this product.

ELECTRICAL SCHEMATIC DIAGRAM:

UHB2



UHB2HV

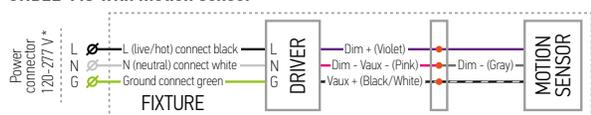


- Note:**
- ▶ The dimmer can also be replaced by an active 1-10 V voltage source signal or passive components like resistors and zener diodes.
 - ▶ Do NOT connect Dim- to be output V - or V +, otherwise the driver will not work properly.
 - ▶ If 1-10 V dimming is not used, Dim + should be open.
 - ▶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

UHB2-HE

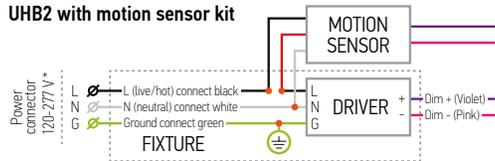


UHB22-MS with motion sensor

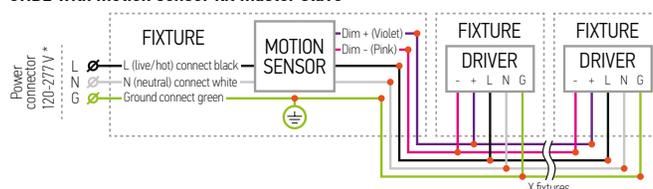


The sensor is designed to operate with a single fixture. Connecting multiple fixtures can damage the sensor.

UHB2 with motion sensor kit

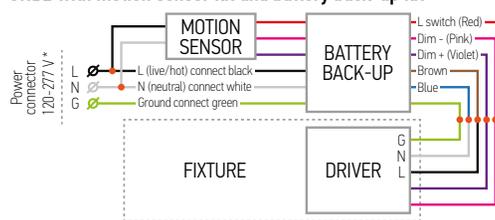


UHB2 with motion sensor kit master slave

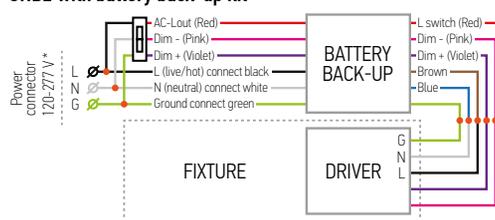


| Model | | 100W | 150W | 200W | 240W | 300W | 400W | 500W |
|------------|-------|------|------|------|------|------|------|------|
| UHB-MSK1 | 120 V | 3 | 2 | 1 | 1 | 1 | 0 | 0 |
| | 277 V | 6 | 4 | 3 | 2 | 2 | 1 | 1 |
| Model HV | | 150W | 200W | 300W | 400W | 500W | | |
| | 277 V | 4 | 3 | 2 | 1 | 1 | | |
| UHBHV-MSK1 | 480 V | 6 | 4 | 3 | 2 | 1 | | |

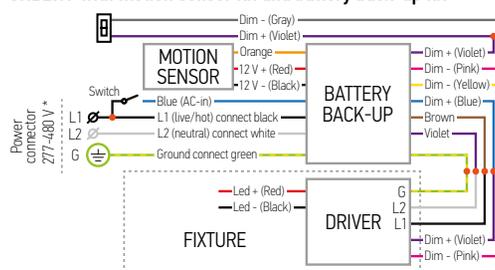
UHB2 with motion sensor kit and battery back-up kit



UHB2 with battery back-up kit



UHB2HV with motion sensor kit and battery back-up kit

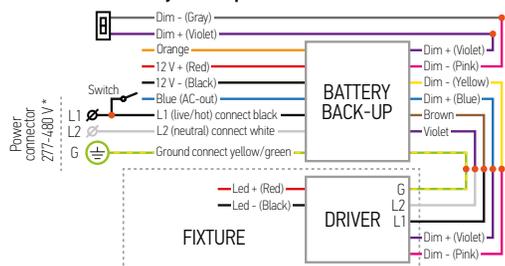


For most up-to-date spec sheets please refer to asd-lighting.com

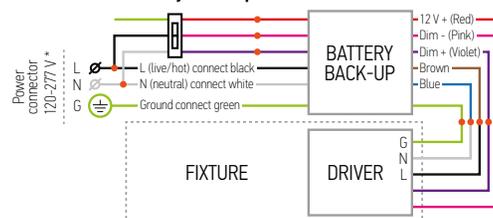


LED UFO HIGH BAY

UHB2HV with battery back-up kit



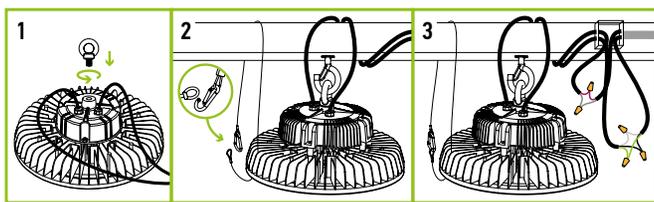
UHB2-HE with battery back-up kit



* The regular voltage 120-277 V fixtures can be alternatively powered without neutral by two-phase circuit with phase-to-phase voltage of 208V (L1-120 V & L2-120 V).
WARNING: Phase-to-phase voltage should be less than 277 V (160 V per each phase) and more than 120 V (70 V per each phase)! Do not confuse Regular Voltage fixtures of 120-277 V with High Voltage ones of 277-480 V!

INSTALLATION STEPS:

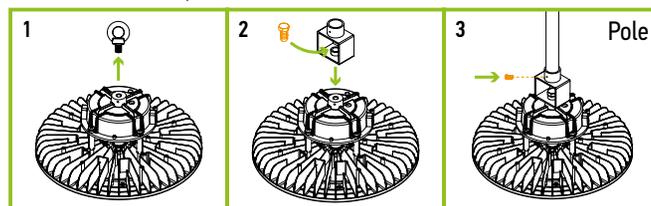
1. Screw the Hanging Ring (included) and tighten it.
2. Clip the fixture on the hook in the ceiling using the hanging ring. Secure the luminaire with a safety cable.
3. Connect the wires: Black to Black, White to White, Green to Green. Secure the connection with Wire Nuts.



PENDANT MOUNT BRACKET INSTALLATION

ASD-PMB-UHB sold separately:

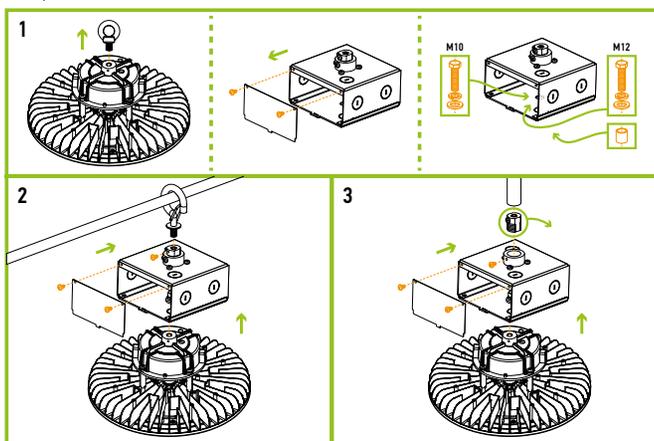
1. Remove the original ring from the driver.
2. Install the adapter and secure it to the driver using a M10 or M12 screw (included with the adapter).
3. Screw the adapter with the fixture onto a pole and secure it with an M3 screw (included with the adapter).



PENDANT MOUNT BRACKET WITH J-BOX AND SPRING HOOK INSTALLATION

ASD-PMBJB-UHB sold separately:

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

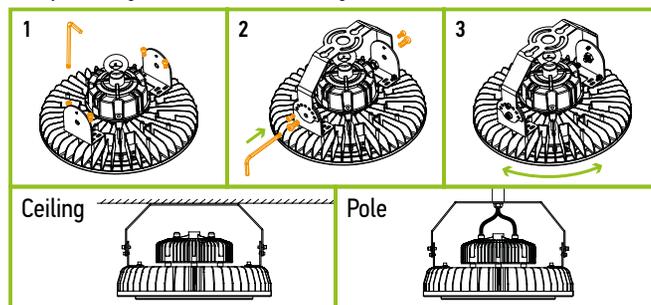


SURFACE MOUNT BRACKET INSTALLATION FOR 100-300W FIXTURES

ASD-SMB100/300-UHB2 **ASD-SMB100/300-UHB2W**

sold separately:

1. Use four PM5x5/8" screws (included) to install bracket swivel on the top of the lamp body.
2. Use two PM5x7/16" screws (included) to fix bracket on the swivels.
3. Adjust the light direction and fix it using two M8x13/16" screws (included)



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

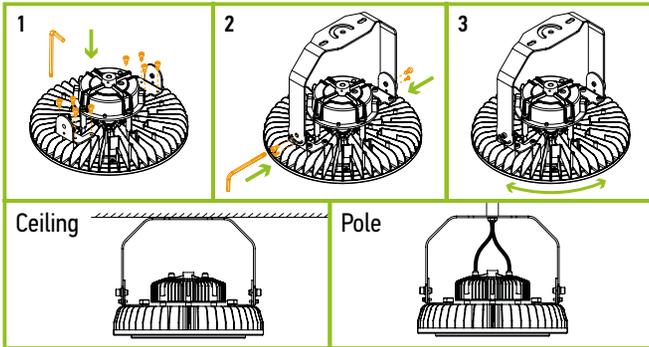


LED UFO HIGH BAY

SURFACE MOUNT BRACKET INSTALLATION FOR 400-500W FIXTURES

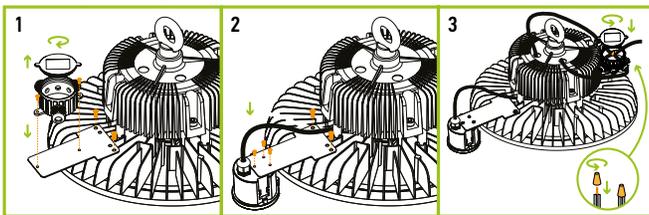
ASD-SMB400/500-UHB2 sold separately:

1. Use four M5x13/16" screws (included) to install bracket swivel on the top of the lamp body.
2. Use two M10x13/16" and M5x9/16" screws (included) to fix bracket on the swivels.
3. Adjust the light direction and fix it using two M8x13/16" screws (included)



MOTION SENSOR KIT INSTALLATION (FIXTURES WITHOUT REFLECTOR, OR WITH PC REFLECTOR, OR WITH PC REFLECTOR AND CONICAL LENS):

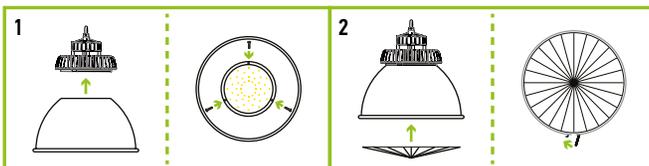
1. Secure mounting plate for junction box to the fixture's radiator. Secure plastic junction box to the mounting plate.
2. Secure sensor with mounting plate to the fixture's radiator.
3. Wire the junction box in accordance with the wiring diagram and secure with screws caps. Close junction box.



DIFFUSER AND LENS INSTALLATION

sold separately:

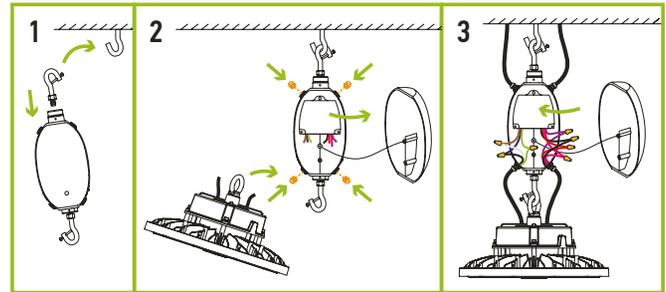
1. Install the diffuser, tighten the screws.
2. Attach the conical lens to the included clamp.



BATTERY BACK-UP KIT INSTALLATION

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

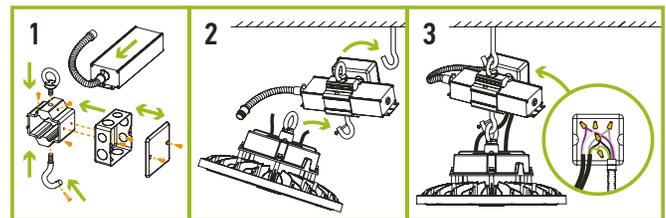
1. Install the G-hook to the top thread hole of the battery back-up and secure with the screw. Attach the battery back-up with G-hook to the ceiling hook.
2. Loosen the screw on the enclosed hook on the bottom of the emergency back-up, attach the ring on the fixture to the hook and tighten screw back.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



BATTERY BACK-UP KIT INSTALLATION

BLD-GM60R-HV sold separately:

1. Insert battery back-up in to the bracket and secure it with three screws. Attach junction box to the side of the bracket with two screws. Screw in mounting ring to the top and mounting hook to the bottom of the bracket. Secure them with 45° screws.
2. Attach bracket with battery to the ceiling using mounting ring. Attach lighting fixture to the mounting hook in the bottom of the bracket and secure it with screw.
3. Plug the fixture's power cable and circuit cable into the junction box. Make wiring according the wiring diagram inside the junction box. Close junction box with cover and secure it with two screws.



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



LED UFO HIGH BAY

ORDERING INFORMATION

| Model | Pcs. per carton | Carton size | Carton weight | UPC | GTIN 14 |
|------------------------------------|-----------------|-----------------------|---------------|--------------|----------------|
| ASD-UHB2-100D35-PRM | 1 | 10.6' x 10.6' x 7.1' | 7.7 lbs | 810050734523 | - |
| ASD-UHB2-100D50-PRM | 1 | 10.6' x 10.6' x 7.1' | 7.7 lbs | 819201023486 | - |
| ASD-UHB2-100D50W-PRM | 1 | 10.6' x 10.6' x 7.1' | 7.7 lbs | 810050733298 | - |
| ASD-UHB2-150D35-PRM | 1 | 10.6' x 10.6' x 7.7' | 7.7 lbs | 810050734530 | - |
| ASD-UHB2-150D40W-PRM | 1 | 10.6' x 10.6' x 7.7' | 7.7 lbs | 810050733304 | - |
| ASD-UHB2-150D50-PRM | 1 | 10.6' x 10.6' x 7.7' | 7.7 lbs | 819201023493 | - |
| ASD-UHB2-150D50W-PRM | 1 | 10.6' x 10.6' x 7.7' | 7.7 lbs | 810050733311 | - |
| ASD-UHB2-200D35-PRM | 1 | 10.6' x 10.6' x 7.7' | 7.7 lbs | 810050734547 | - |
| ASD-UHB2-200D40W-PRM | 1 | 10.6' x 10.6' x 7.7' | 7.7 lbs | 810050733328 | - |
| ASD-UHB2-200D50-PRM | 1 | 10.6' x 10.6' x 7.7' | 7.7 lbs | 819201023509 | - |
| ASD-UHB2-200D50W-PRM | 1 | 10.6' x 10.6' x 7.7' | 7.7 lbs | 810050733335 | - |
| ASD-UHB2-240D50-PRM | 1 | 13' x 13' x 7.3' | 10.4 lbs | 819201024018 | - |
| ASD-UHB2-240D50W-PRM | 1 | 13' x 13' x 7.3' | 10.4 lbs | 810050734516 | - |
| ASD-UHB2-300D50-PRM | 1 | 13' x 13' x 8.7' | 12.1 lbs | 819201025855 | - |
| ASD-UHB2-400D50-PRM | 1 | 16.1' x 16.1' x 9.6' | 18.1 lbs | 810050735490 | - |
| ASD-UHB2-500D50-PRM | 1 | 16.1' x 16.1' x 9.6' | 18.1 lbs | 810050735209 | - |
| UHB2-HE | | | | | |
| ASD-UHB2-HE-240D50-BK | 1 | 11.4' x 11.4' x 7.3' | 8.6 lbs | 810128112192 | - |
| ASD-UHB2-HE-500D50-BK | 1 | 16.7' x 16.7' x 9.5' | 22 lbs | 810128112215 | - |
| ASD-UHB2-HE-600D50-BK | 1 | 18.5' x 18.5' x 11.6' | 33.2 lbs | 810128112222 | - |
| UHB2HV HIGH VOLTAGE | | | | | |
| ASD-UHB2HV-150D50-PRM | 1 | 10.6' x 10.6' x 7.7' | 8.4 lbs | 819201023523 | - |
| ASD-UHB2HV-200D50-PRM | 1 | 10.6' x 10.6' x 7.7' | 10.6 lbs | 819201023530 | - |
| ASD-UHB2HV-300D50-PRM | 1 | 14.8' x 14.8' x 10.1' | 15.7 lbs | 810050736923 | - |
| ASD-UHB2HV-400D50-PRM | 1 | 16.1' x 16.1' x 10.6' | 24.9 lbs | 810050736305 | - |
| ASD-UHB2HV-500D50-PRM | 1 | 16.2' x 16.2' x 11.4' | 25.4 lbs | 810050736312 | - |
| UHB22-MS WITH MOTION SENSOR | | | | | |
| ASD-UHB22-100D50-MS | 1 | 10.6' x 10.6' x 8.1' | 8.4 lbs | 819201026937 | - |
| ASD-UHB22-150D50-MS | 1 | 10.6' x 10.6' x 8.1' | 8.4 lbs | 819201026944 | - |
| ASD-UHB22-200D50-MS | 1 | 11.8' x 11.8' x 8.7' | 11.2 lbs | 819201026951 | - |
| ASD-UHB22-240D50-MS | 1 | 11.8' x 11.8' x 8.7' | 11.2 lbs | 819201026968 | - |
| UHB-RC-MSK1 | 100 | 14.6' x 12.8' x 12.2' | 11.3 lbs | 819201022007 | 10819201022004 |

ACCESSORIES:

| Model | Description | UPC | Pcs. per carton | Carton size | Carton weight | GTIN 14 |
|----------------------|--|--------------|-----------------|-----------------------|---------------|----------------|
| ASD-H-M10 | Spring hook for 100-240W M10 | 819201025312 | 50 | 12.6' x 7.7' x 6.9' | 12.1 lbs | 20819201025316 |
| ASD-H-M12 | Spring hook for 300W M12 | 810050730556 | 50 | 12.6' x 7.7' x 6.9' | 17.6 lbs | 10810050730553 |
| ASD-HS-M10 | Screw-bolt hook for 100-240W M10 | 810050731164 | 50 | 11.9' x 8.3' x 9.1' | 12.6 lbs | 10810050731161 |
| ASD-SMB100/300-UHB2 | Surface mount bracket for 100/300W | 819201026999 | 20 | 22' x 17' x 13.9' | 38.7 lbs | 10819201026996 |
| ASD-SMB100/300-UHB2W | Surface mount bracket for 100/300W White | 810050735339 | 20 | 22' x 17' x 13.9' | 38.7 lbs | 10810050735336 |
| ASD-SMB400/500-UHB2 | Surface mount bracket for 400/500W | 810050739801 | 10 | 14' x 18.3' x 20.3' | 44.1 lbs | 10810050739808 |
| ASD-PMB-UHB | Pendant mount bracket | 810050731522 | 50 | 13.9' x 9.7' x 7.1' | 33.7 lbs | 10810050731529 |
| ASD-PMBJB-UHB | Pendant mount bracket with J-box and spring hook | 810050736992 | 20 | 17.2' x 11.3' x 11.2' | 30.9 lbs | 10810050736999 |
| ASD-DUHB-16-90AL | Aluminum reflector 16' 90° | 819201020621 | 10 | 16.7' x 16.7' x 7.5' | 10.1 lbs | 20819201020625 |
| ASD-DUHB-21-120ALG | Aluminum reflector 21' 120° | 819201020638 | 10 | 22' x 22' x 7.5' | 14.6 lbs | 10819201020635 |
| ASD-DUHB-16-90PC | Polycarbonate reflector 16' 90° | 819201020607 | 10 | 16.9' x 16.9' x 7.5' | 10.6 lbs | 10819201020604 |
| ASD-DUHB-19-90PC | Polycarbonate reflector 19' 90° | 819201020614 | 10 | 19.7' x 19.7' x 9.1' | 16.1 lbs | 10819201020611 |
| ASD-BLUHB-16PC | Polycarbonate bottom conical lens for 16' reflector DUHB | 819201020645 | 10 | 16.8' x 16.8' x 9.4' | 12.8 lbs | 10819201020642 |
| ASD-BLUHB-19PC | Polycarbonate bottom conical lens for 19' reflector DUHB | 819201020652 | 10 | 20.7' x 19.6' x 6.9' | 17 lbs | 10819201020659 |
| UHB-MSK1 | Motion sensor kit for 120-277V | 819201021994 | 40 | 20.7' x 12.8' x 19.1' | 44.1 lbs | 10819201021991 |
| UHBHV-MSK2 | Motion sensor kit for 347-480V | 819201025848 | 32 | 21.9' x 14.8' x 12.6' | 29.8 lbs | 20819201025842 |
| ASD-CELP02H-MS | Remote control for motion sensor UHBHV-MSK2 | 819201023479 | 50 | 11.4' x 6.5' x 5.3' | 6.6 lbs | 10819201023476 |
| BLD-RM40R | Battery back-up kit 40W | 810050738507 | 4 | 18.1' x 16.9' x 7.1' | 31.3 lbs | 20810050738501 |
| BLD-RM60R | Battery back-up kit 60W | 810128112154 | 4 | 23.6' x 13.8' x 7.9' | 37.7 lbs | 10810128112151 |
| BLD-GM60R-HV | Battery back-up kit 60W for 277-480V | 810128112147 | 5 | 20.5' x 10.8' x 16.7' | 41.9 lbs | 10810128112144 |
| RN1 | Remote test switch for battery back-up kit | 810050735223 | 20 | 5.9' x 8.5' x 4.5' | 2.4 lbs | 10810050735220 |

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