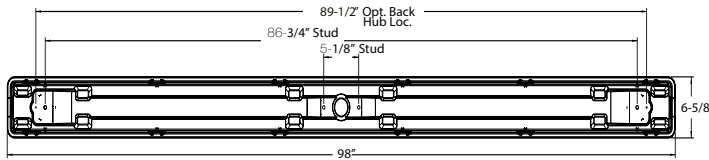


External Top View



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
24000	22352	166W
20000	20230	140W
18000	18050	120W
14000	14010	98W
10000	10010	78W
8000	8299	65W
6000	6186	46W
4000	3921	27W

FEATURES

The OW11 is an IP67 enclosed-and-gasketed linear vapor tight suitable for high-temperature, high-impact, wet environments. Durable, snap-in construction with easy-to-access, upgradeable wiring compartment and a lightweight design permits easy installation. Designed for surface or suspended mounting. DLC Premium-qualified. Typical applications include food processing, cold storage, parking garages, car washes, covered canopies, pedestrian tunnels, and where harsh conditions are present.

LUMENS	4000, 6000, 8000, 10000, 14000, 18000, 20000, 24000
CCT	30K, 35K, 40K, 50K
CRI	85+
COLOR QUALITY	3 Step MacAdam Ellipse
LENGTH	8'
MOUNTING	Suspended or Surface
DIMMING & CONTROL	0-10V Flicker Free 1% Dimming Standard (DIM10)
EMERGENCY	10W - Up to 1000L output
AMBIENT TEMPERATURE	Operating Temperature: -20°C to 55°C
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

Based on 4000K, 85+ CRI. Actual wattage may vary +/- 5%



CONSTRUCTION

Housing

- Fiberglass reinforced polyester (FRP) body is self-extinguishing (ASTM D635-74). FRP is lightweight but extremely durable and combats harsh temperatures, mildew, chemical-corrosion, and high-impact environments.
- Housings built with one watertight conduit entry point at either end.
- NSF-listed components and enclosure.

Enclosed-and-Gasketed

- One-piece, continuous poured-in-place gasket and flanged door provide watertight seal.
- Molded latch pockets are compatible with standard and tamper-proof latches in stainless steel and polycarbonate.
- Standard white polycarbonate cam latches seal enclosure.
- Optional stainless-steel latches, stainless steel tamper-proof latches, and polycarbonate tamper-proof latches.

Diffuser and Reflector

- Injection-molded acrylic diffuser.
- Reflectors painted with 93% reflective white coat. Specular reflector can be ordered as an option.

Thermal Management: LED board is attached to aluminum reflector, keeping engines cool and increasing LED life.

MAINTENANCE

LED engines and driver can be accessed from the bottom by removing diffuser and detaching LED tray. LED engines are removable and upgradable even after fixture installation. Spacers are located between driver and LED board. Rated for direct water contact per standards IP65/IP67, ensuring fixture can be safely washed, wiped and hosed down.

OPTICS

Injection-molded acrylic lens protects against impact, prevents yellowing, and minimizes glare. A contoured molded linear-ribbed lens diffuses the light for bright, smooth illumination. Internal crepe lens allows for an easy-to-maintain smooth surface.

Applications

Food processing, cold storage, parking garages, car washes, covered canopies, pedestrian tunnels.

- NSF International - Splash Zone 2: Wet or damp process areas; High-pressure purging and/or decontamination used in the process; Areas using high-pressure hose washdown.
- IP67 per IEC 60529 standard: Totally protected against dust/sand impact and complete immersion of up to 1 meter in water.
- IP65 per IEC 60529 standard: Totally protected against dust/sand impact

and protected against jets of water from a nozzle of 6.3mm.

- IP65 and IP67 rated when ceiling, surface, and pendant mounted. IP65/67 ratings do not apply when wall mounted.

Mounting

- Suitable for suspension by chain, cable, pendant and surface mounting.
- Shipped standard with two stainless steel mounting brackets for surface, stem, suspended chain, aircraft cable, and other mounting options.
- Cable, chain, and related hardware for suspended mounting must be ordered as accessories.

PERFORMANCE

The OW1IP-LED powered lighting technologies offer a higher return on investment than any other lighting technology. The light engines found in the OW1IP-LED are rated at 85+ CRI and available in multiple CCTs: 3000K, 3500K, 4000K and 5000K. All LEDs and LED fixtures are rated and tested to LM-79 and LM-80 standards. The LEDs are also binned to a s to achieve consistent color from fixture to fixture.

THERMAL MANAGEMENT

Our advanced thermal management system allows the light output of the LED engines to be maintained at 70% of initial lumens at 50,000 hours of operation.

DIMMING & DRIVER INFORMATION

DIM10 - Flicker Free 1% or 5% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120, 277, 347, or 480V.

ELECTRICAL

Powered by constant-current power LED drivers rated for 50 to 60Hz at 120-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00. Optional 347V and 480V.

OPTIONS

Fixtures can be shipped pre-installed with daylight harvesting controls and occupancy sensors. Consult factory for details. Optional emergency battery back-up comes pre-installed on fixture and emergency push button is installed on fixture. Generator transfer device available.

WARRANTY

Five-year limited warranty on parts and components (labor not included).

LISTINGS

cULus
NSF International - Splash Zone 2
IP65 per IEC 60529 standard
IP67 per IEC 60529 standard
DLC Premium

Example: **8-OW1IP-LED-4000L-DIM10-MVOLT-30K-85**

8	OW1IP	LED								
FIXTURE SIZE	SERIES	TYPE	LUMENS	DIMMING	VOLTAGE	CCT	CRI	EMERGENCY	DISTRIBUTION	
8- 8'	OW1IP - LED Vapor Tight	LED	4000L - 4000 lumens 6000L - 6000 lumens 8000L - 8000 lumens 14000L - 14000 lumens 18000L - 18000 lumens 20000L - 20000 lumens 24000L - 24000 lumens	DIM10 - 0-10V Dimming	MVOLT 347* 480	30K 35K 40K 50K	85	0-EMG-LED-10W	Blank - General ND - Narrow Distribution MD - Medium Distribution WD - Wide Batwing Distribution AD - Aisle Distribution	
OTHER OPTIONS										
<p>OW1IPSR - Specular Reflector MSPH - Motion Sensor with Photocell SSL - Stainless Steel Latches SSLTP - Stainless Steel Latches w/ Tamper Proof Screws PCLTP - Poly. Latches w/ Tamper Proof Screws USA - Made in America Compliance FSP-311-B-D - 0-10V continuous dimming PIR photo/ motion sensor with bluetooth control option.</p> <p>*OSM3D-V1W Line Voltage Microwave Sensor (Integrated) *OSM3D-DDW-20 HF Microwave Sensor 0-10 20% Dim (Integrated) *OSM3D-DDW-50 HF Microwave Sensor 0-10 50% Dim (Integrated) *NOTE - For indoor use only</p>										
SUSPENDED MOUNTING										
<p>GSS - Gripple Suspension System VH - V Hook CH - Heavy-duty Chain YTAC - 10' Y-Toggle Aircraft Cable</p>										

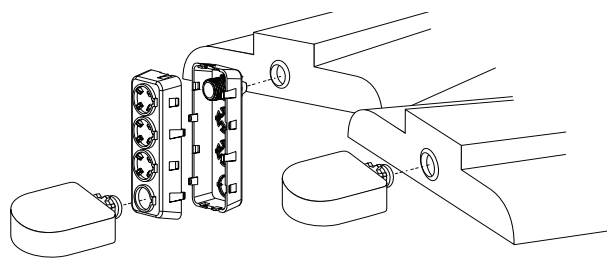
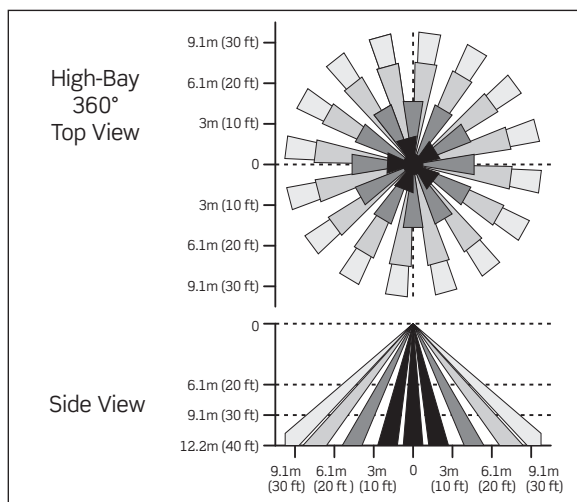
Passive Infrared Motion Sensor with Photocell



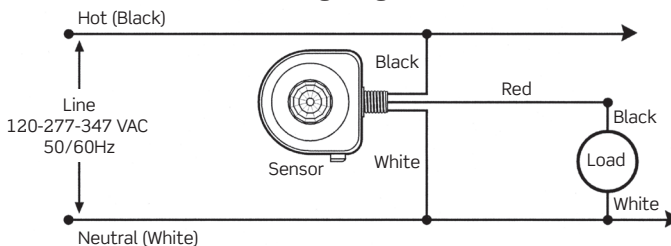
MSPH provides the most labor savings available with quick snap, 21" wire leads, and no power required to configure.

Passive Infrared Technology is used to sense occupancy by comparing the infrared energy from an object in motion and the background space. PIR sensors minimize false ON from background environmental conditions such as air movement to provide reliable detection of line-of-sight motion.

FIELD-OF-VIEW

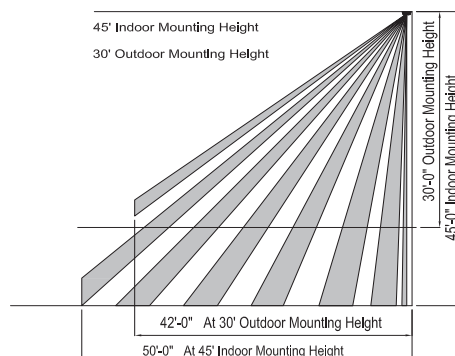
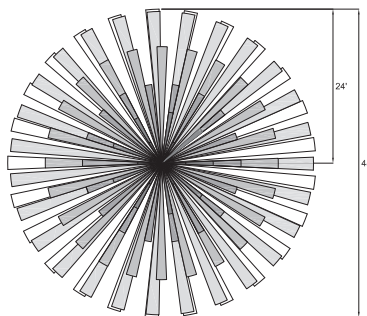


Wiring Diagram



Wet Location Motion Sensor (IP65)

The HB3x0W occupancy sensor is designed to mount to a light fixture and control one load in the fixture. The sensor can be wired to control all ballasts in the fixture, or to control half of the ballasts to provide high/low lighting control. When motion is detected within the sensor's coverage area, the relay in the sensor closes, and lighting loads turn on automatically. When motion is no longer detected for the duration of the time delay setting, the relay opens and the lighting load is turned off. The sensitivity and time delay settings are factory preset at 100% and 15 minutes, respectively, which are suitable for most high bay applications. However, the values can be easily adjusted for specific applications using the DIP switches on the unit. Refer to the Installation Instructions for changing factory preset values, and for important start up instructions.



Sensor Lens Coverage and Detection Patterns When Mounted at 8ft with Low Mount Lens