# DECO® LIGHTING

# DWH-LED
## Industrial/Vaporite LED

## Job Information

| Type: | |
|---|---|
| Catalog #: | |
| Project: | |
| Comments: | |
| Prepared by: | |

**10** YEAR WARRANTY — INDUSTRY BEST — INCLUDES LABOR ALLOWANCE

**Buy American Act COMPLIANT**

**DLC QPL LISTED**

**GENUINE NICHIA LED®**

**NSF®**

c**UL**us LISTED

5"

6 5/8"
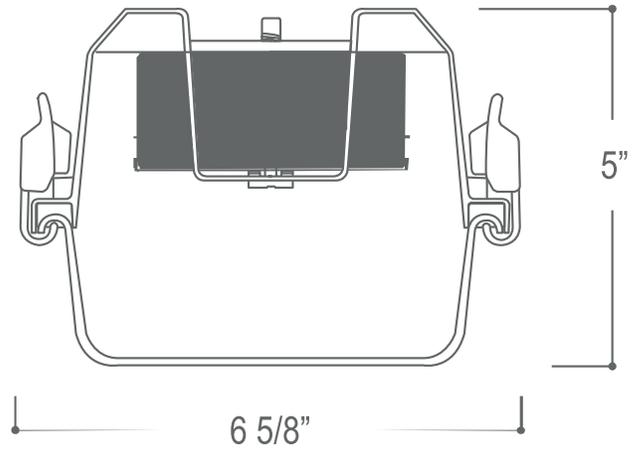
## Description

The DWH series is an energy efficient industrial vaportite fixture that features rugged and durable construction. This series incorporates a full metal fixture housing channel inside a reinforced fiberglass housing with a high impact diffuser and positive cam latching. The DWH series is suitable for interior and exterior applications and can be surface or chain mounted. This fixture has been designed for maximum performance in commercial, institutional and industrial environments where weathering, high temperature, humidity and dust or corrosive fumes are present.

## Ordering Information

**Example: (DWH-LED-4-60-40-UNV-DM)**

| DWH-LED | | | | | | |
|---|---|---|---|---|---|---|

| Series | Length | | Wattage/Lumen | | Color Temp. | | Voltage | | Option | |
|---|---|---|---|---|---|---|---|---|---|---|
| Industrial Vaportite LED | 2 | 2' | 22 | 22W/2574[1,3] | 30 | 3000K | UNV | 120-277V | DM | Dimming (0-10V) |
| | | | | | 35 | 3500K | | | CSC | Control Scope Connected |
| | 4 | 4' | 35 | 35W/4060[1] | 40 | 4000K | | | EM | Emergency |
| | | | 45 | 45W/5264[1,3] | 50 | 5000K | | | MS | Motion Sensor[2] |
| | | | 60 | 60W/6720[1] | | | | | MB | Mounting Bracket |
| | 8 | 8' | 60 | 60W/6720[1] | | | | | | |
| | | | 90 | 90W/8412[1,3] | | | | | | |

[1] Delivered Lumens (5000K)
[2] Utilizes Wattstopper FSP-211 sensor
[3] DLC Listed (View matrix on 2nd page for more info)

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## Features

- Equipped with energy saving ballasts/complies with federal energy efficiency standards.
- Reinforced fiberglass housing.
- High impact acrylic/15% DR diffuser material standard. High impact 50% & 100% DR available.
- Continuous polyurethane gasketing formed to housing provides a seamless seal.
- Watertight hubs standard at each end accepts .5" conduit.

- Optional top only hub entry or combination top and end hub entry available.
- Die formed galvanized steel mounting brackets with each fixture.
- Baked white enamel finish internal channel/high reflectance.
- No holes required for surface/chain mounting.
- Unitized internal/external brass mounting stud for structural integrity and continuity of ground.
- UL listed for wet locations, NSF Approved for Splash and Non-food Zones.

## Performance Data

| | |
|---|---|
| CRI: | 80+ |
| CCT: | 3000K, 3500K, 4000K, 5000K |
| Warranty: | 10 yr. Limited Warranty |
| Dimming: | Available with 0-10V inputs dimming down to 10% |
| Operating Temperature: | -30° to 65°C Max Ambient |
| L70 Rating: | 100,000+ Hours |
| IP Rating: | IP67 rating |
| Sound Rating: | Class A (inaudible in a 24dB ambient environment) |

## Lumen Chart

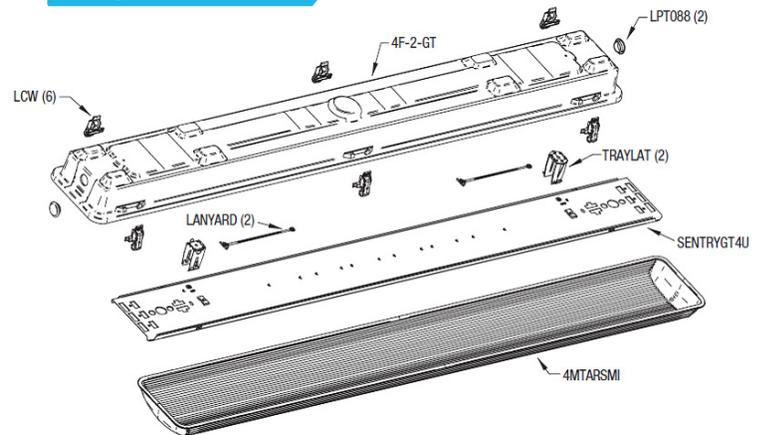| Lumen Chart | | | | |
|---|---|---|---|---|
| Wattage | 5000K | 4000K | 3500K | 3000K |
| 22 | 2574 | 2445 | 2384 | 2325 |
| 35 | 4060 | 3857 | 3761 | 3667 |
| 45 | 5264 | 5014** | 4889 | 4766 |
| 60 | 6720 | 6384 | 6224 | 6069 |
| 90 | 8412 | 7648** | 7457 | 7270 |

*Lumen outputs are based on the 5000K performance data and then scaled down to the other temperatures.
**DLC listed lumen outputs

## DLC Listing

| | 2'<br>22W | 4'<br>45W | 8'<br>90W |
|---|---|---|---|
| 3000K | X | | |
| 3500K | X | | |
| 4000K | X | X | X |
| 5000K | X | | |

## Exploded View



LPT088 (2)
4F-2-GT
LCW (6)
TRAYLAT (2)
LANYARD (2)
SENTRYGT4U
4MTARSMI

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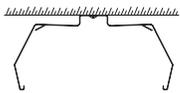
## Options



Ribbed Lens - RL
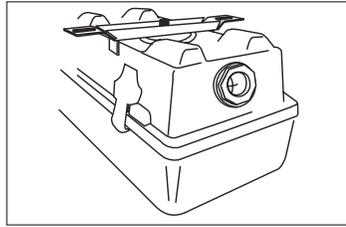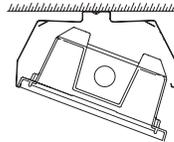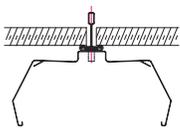


Mounting Bracket - MB

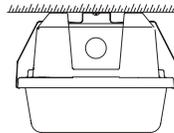## Mounting Bracket Installation



Install Mounting Bracket
- Screw Hardware by Others
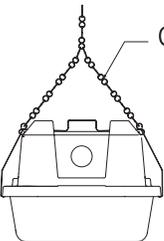- T-Bar Mounting Hardware by Others



Install One Side of
Housing into Bracket

Rotate Up and Snap Other
Side of Housing into Bracket



Install diffuser once unit
is securley installed with bracket.

Chain & S Hook by Others



## Step Dimming & Bi-Level

### FSP-211

The FSP-211 mounts in an outdoor lighting fixture and provides multi-level control based on motion. The sensor also includes a photocell to measure the ambient light level. It controls 0-10 VDC LED drivers or dimming ballasts, as well as non-dimming ballasts and, with an FSP-Lx Lens, is rated for wet and cold locations. All control parameters are adjustable via a wireless configuration tool capable of storing and transmitting sensor profiles.

### Key Features

· Fully adjustable high and low dimmed light levels.
· Designed for LED fixtures; rated for extreme temperatures and up to 200,000 on/off cycles.
· Hold off setpoint with automatic calibration option for convenience and added energy savings.
· Adjustable via handheld wireless configuration tool.
· IP66 rated with choice of lenses for wet and outdoor locations, and mounting heights from 8' to 40'.
· Adjustable time delay and cut off delay.



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