

# ENCLOSED & GASKETED INDUSTRIAL

# EGL2

## LED

CATALOG #:

TYPE:

PROJECT:

NOTES:

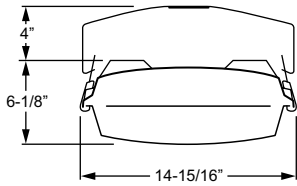
EXAMPLE

**EGL2 - 4 - L250/840 - HIAFR - OPTIONS - DRV - UNV**

SERIES    NOMINAL LENGTH    LUMEN PACKAGE    CRI & CCT    SHIELDING    OPTIONS/ACCESSORIES    DRIVER    VOLTAGE



## CROSS SECTION



Shown with mounting bracket (standard)

## ORDERING INFORMATION

### SERIES

**EGL2** Enclosed & Gasketed Industrial

### NOMINAL LENGTH

**4** 4'

### LED PACKAGE

NOTE: Nominal lumens based on HIAFR shielding.

| LUMEN PACKAGE | EXAMPLE: L250/840 |            | MINIMUM CRI & CCT                          | AVERAGE SYSTEM WATTAGE |
|---------------|-------------------|------------|--|------------------------|
|               | FROSTED LENS      | CLEAR LENS |  |                        |
| L107          | 10,000            | 10,700     | 840 = 82 CRI, 4000K<br>850 = 82 CRI, 5000K | 89                     |
| L145          | 14,500            | 14,600     |  | 142                    |
| L197          | 19,700            | 19,800     |  | 190                    |
| L250          | 25,000            | 25,200     |  | 225                    |

### SHIELDING

**HIAFR** Frosted, impact-resistant acrylic  
**HIA** Clear, impact-resistant acrylic  
**PC** Clear, UV stabilized impact-resistant polycarbonate

### OPTIONS/ACCESSORIES

Cord and receptacle options available, see back for details.

**EM/10W** 10-watt emergency driver (120-277V only; only available with lumen packages at or below 14,500 lumens) 25°C maximum ambient operating temperature

**LA40 (L\_ \_)** -40°C minimum operating temperature  
 Additional **lower lumen packages** in 100 nominal lumen increments available. Option must be specified with next higher lumen package. **Example:** 16,100 nominal lumens = EGL2-4-L197/840-HIAFR-(**L161**).

**WET/1** (1) 1/2" watertight hub (factory-installed in end of housing)

**WET/2** (2) 1/2" watertight hubs (factory-installed in ends of housing; not available with occupancy sensor option)

**SSV** Stainless steel V-hooks (two per fixture)

**SSMRB** Stainless steel rigid ceiling mount bars (two per fixture)

**SS LATCH** Stainless steel latches

**TP** Tamper-resistant (holt head) screws (This option requires a tamper-resistant tool (must be ordered separately). Please specify quantity required per project.)

### OCCUPANCY SENSORS <sup>1</sup>

Specify from the following options (must specify 120 or 277V; IP65 certified when specified with occupancy sensor):

### OCCWS HB350W-L3W

**OCCWS FSP-211B-L\_** Factory-installed occupancy and daylight sensor, must specify lens, see page 3 for details. Optional FSIR-100 remote controller available, ordered separately.

**FSIR-100** Remote controller for occupancy sensor, please specify quantity required per project, ships separately, see page 3 for details

### DRIVER

Additional dimming drivers available, see [Technical Info](#).

**DRV** Driver prewired for non-dimming applications

**DIM** Driver prewired for 0-10V low-voltage dimming applications

### VOLTAGE

Must specify 120V or 277V when using occupancy sensor.

**120** 120V

**277** 277V

**UNV** 120-277V

## FEATURES

- ▶ NEMA 4X, IP65, IP66, IP67, and NSF/ANSI Standard 2-Splash Zone certified.
- ▶ Hose-down tested at 1500 PSI at 1.4 GPM to withstand water penetration.
- ▶ Precisely formed lens provides maximum efficiency/reduced glare.
- ▶ Seamless closed-cell gasket poured and formed in place.
- ▶ Liquid-tight power entry.
- ▶ Optional 100% polycarbonate lens available.
- ▶ Wide variety of cord and receptacle options.
- ▶ Rated for -20°C to 40°C maximum ambient operating temperature. Restrictions apply, see back for details. -40°C minimum operating temperature with LA40 option.
- ▶ Multiple dimming protocols available.
- ▶ This fixture is proudly made in the USA.



<sup>1</sup> IP65 certified when specified with occupancy sensor. Not rated for NEMA 4X.



## LED

### SPECIFICATIONS

**Enclosure** – Outer housing consists of 5VA (f1) fiberglass, rated for flame and weather resistance.

**Internal Housing** – .050" aluminum.

**Latching** – Injection-molded polycarbonate latches.

**Reflector** – 95% reflective highly specular aluminum.

**Reflective Surfaces** – 92% minimum average reflective white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal. All internal parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.

**Shielding** – Frosted, impact-resistant acrylic.

**Electrical** – High quality mid-power LED board. L70 >50,000 hours. -20°C to 40°C maximum ambient operating temperature. -40°C minimum operating temperature with LA40 option.

**Power Supply** – Fixture has holes in each end suitable for 1/2" electrical trade size liquid-tight connectors. Power supply must be with flexible liquid-tight conduit or cord rated for wet location use.

**Mounting** – Surface or suspended using four stainless steel mounting straps and two flexible ceiling mount brackets included.

**Listings** –

- cETLus listed as LED luminaire suitable for dry, damp, or wet locations.
- DesignLights Consortium qualified product. Not all versions of this product may be DLC qualified, see the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL).
- NSF/ANSI Standard 2–Splash Zone certified, IP65, IP66, and IP67 certified, and rated for NEMA 4X.

**Warranty** – 5-year limited fixture warranty, see [hew.com/warranty](http://hew.com/warranty).

### IMPORTANT:

Electrostatic sensitive unit. Observe precautions when handling.

### AMBIENT TEMPERATURE

| Lumen Package | Max  | EM Max |
|---------------|------|--------|
| L107          | 40°C | 25°C   |
| L145          | 40°C | 25°C   |
| L197          | 35°C | -      |
| L250          | 25°C | -      |

### CORD OPTIONS

| EXAMPLE: 5WMRC6            |  |                    |
|----------------------------|--|--------------------|
| NUMBER OF CONDUCTORS       | POWER CONNECTION – NON-DIMMING             | CORD LENGTH        |
| 3 = 3-wire<br>4 = 4-wire   | WMR = Mini-male receptacle only            | 6 = 6'<br>20 = 20' |
|                            | WC = STOW cord                             |                    |
|                            | WMRC = Mini-male receptacle with STOW cord |                    |
| POWER CONNECTION – DIMMING |  |                    |
| 5 = 5-wire<br>6 = 6-wire   | WMR = Mini-male receptacle only            | 6 = 6'<br>20 = 20' |
|                            | WC = SOOW cord                             |                    |
|                            | WMRC = Mini-male receptacle with SOOW cord |                    |

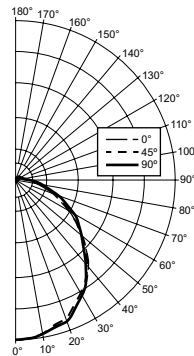
Wet location cord sets are yellow.

### PHOTOMETRY

Catalog #: EGL2-4-L250/840-HIAFR-DRV-UNV

#### TEST REPORT INFORMATION

- ▶ Test Report #: 19400.0
- ▶ Date: 06/22/16
- ▶ Lamp Type: LED
- ▶ Rated Lumens: 25,333
- ▶ Watts: 208.2
- ▶ Lumens Per Watt: 121.7
- ▶ CRI: 84.0
- ▶ CCT: 4130K



#### CANDLEPOWER DISTRIBUTION

| Vertical Angle | Horizontal Angle |      |      | Zonal Lumens |
|----------------|------------------|------|------|--------------|
|                | 0°               | 45°  | 90°  |              |
| 0              | 8729             | 8729 | 8729 |              |
| 5              | 8802             | 8679 | 8662 | 830.0        |
| 15             | 8556             | 8441 | 8448 | 2400.0       |
| 25             | 7986             | 7901 | 7920 | 3664.6       |
| 35             | 7026             | 6967 | 6922 | 4374.8       |
| 45             | 5730             | 5595 | 5491 | 4344.5       |
| 55             | 4083             | 4047 | 4417 | 3737.4       |
| 65             | 2419             | 2780 | 3174 | 2792.6       |
| 75             | 1099             | 1621 | 1925 | 1661.1       |
| 85             | 256              | 738  | 1002 | 753.3        |
| 90             | 120              | 475  | 666  |              |
| 95             | 101              | 323  | 436  | 320.3        |
| 105            | 84               | 205  | 263  | 196.8        |
| 115            | 54               | 147  | 208  | 132.8        |
| 125            | 30               | 94   | 158  | 79.5         |
| 135            | 0                | 44   | 100  | 34.9         |
| 145            | 0                | 0    | 51   | 10.3         |
| 155            | 0                | 0    | 0    | .0           |
| 165            | 0                | 0    | 0    | .0           |
| 175            | 0                | 0    | 0    | .0           |
| 180            | 0                | 0    | 0    | .0           |

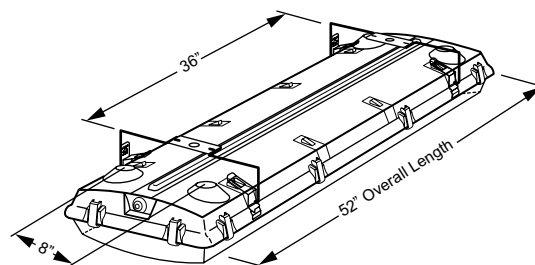
#### LUMEN SUMMARY

| Zone                    | Lumens | % Fixture |
|-------------------------|--------|-----------|
| 0 - 30                  | 6895   | 27.2      |
| 0 - 40                  | 11269  | 44.5      |
| 0 - 60                  | 19351  | 76.4      |
| 0 - 90                  | 24558  | 96.9      |
| 90 - 120                | 650    | 2.6       |
| 90 - 130                | 729    | 2.9       |
| 90 - 150                | 775    | 3.1       |
| 90 - 180                | 775    | 3.1       |
| <b>Total Luminaire:</b> |        |           |
| 0 - 180                 | 25333  | 100.0     |

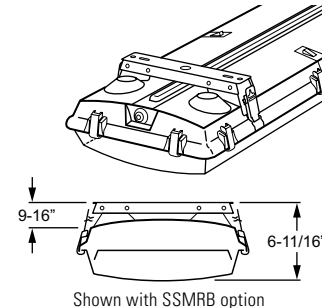
IES Spacing Criteria:  
End = 1.3, Diagonal = 1.3, Across = 1.3

### FIXTURE DETAILS

#### STANDARD MOUNTING



#### OPTIONAL MOUNTING



OCCUPANCY SENSOR

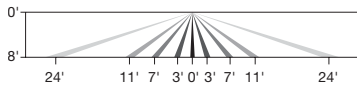
EXAMPLE

**OCCWS FSP-211B - L2**

OCCUPANCY  
SENSOR

LENS

- ▶ 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 (ordered separately, see Accessory Details).
- ▶ IP66 rated with choice of lenses for wet and outdoor locations, and mounting heights from 8' to 20'.
- ▶ Adjustable time delay and cutoff delay.
- ▶ Factory set to 10% dimming at 5 minutes, cutoff at 1 hour.



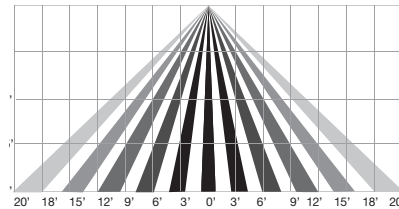
L2 Lens

**ORDERING INFORMATION**

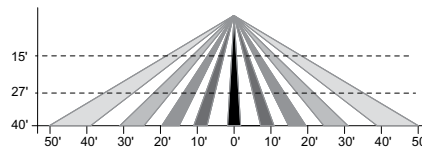
**OCCWS FSP-211B-\_\_** Factory-installed occupancy sensor, must specify lens (120V or 277V only)

**LENS**

- L2** Coverage at 8' mounting height: ø48'
- L3** Coverage at 20' mounting height: ø40'
- L7** Coverage at 100' mounting height: ø40'



L3 Lens



L7 Lens

**ACCESSORY DETAILS**

**FSIR-100** – Occupancy Sensor Remote



Initial setup and subsequent sensor adjustments are made using a handheld configuration tool (FSIR-100). The wireless tool stores up to five sensor parameter profiles to speed configuration of multiple sensors. Please specify quantity required per project.

Visit [www.wattstopper.com](http://www.wattstopper.com) for more information.

