

CATALOG #: \_\_\_\_\_

Type: \_\_\_\_\_

PROJECT: \_\_\_\_\_

## FEATURES

- NEMA 4X, IP66, IP67, and NSF/ANSI Standard 2–Splash Zone certified
- Precisely formed lens provides maximum efficiency/reduced glare
- Seamless closed-cell gasket, poured and formed in place
- Hose-down tested at 1500 PSI at 1.4 GPM to withstand water penetration
- Liquid-tight power entry
- Standard stainless steel latches protect the fixture from corrosion in harsh environments
- Tamper-resistant latches available
- 40°C minimum operating temperature
- High-performance up to 158 lm/W
- Made Right Here® in the USA

## SPECIFICATIONS

- ENCLOSURE** – Outer housing consists of 5VA (f1) fiberglass, rated for flame and weather resistance.
- INTERNAL HOUSING** – .050" aluminum.
- LATCHING** – Stainless steel latches. Injection-molded polycarbonate latches available (not recommended for use in harsh environments, such as a car wash).
- 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 conforms to UL STD 1598 and UL STD 8750. Certified to CAN/CSA STD C22.2 No. 250.0. Suitable for wet locations when specified with watertight hub, STOW or SOOW cord, or mini-male receptacle option.
  - NSF/ANSI Standard 2–Splash Zone certified, IP65, IP66, and IP67 certified, and rated for NEMA 4X.
- WARRANTY** – 5-year limited warranty, see [hew.com/warranty](http://hew.com/warranty).

## ORDERING EXAMPLE: EGL2 - 4 - L250/840 - HIAFR - OPTIONS - CONTROL/DRV - UNV

### ORDERING INFO

SERIES	LENGTH	LUMENS <sup>[1]</sup>	CRI	CCT	SHIELDING	
EGL2	4 4'	L107	10,000lm	8 80	40 4000K	HIAFR Frosted, impact-resistant acrylic
		L145	14,500lm		50 5000K	HIA Clear, impact-resistant acrylic
		L197	19,700lm			PC Clear, UV stabilized impact-resistant polycarbonate
		L250	25,000lm <sup>[2]</sup>			
		L310	31,000lm <sup>[3]</sup>			

### OPTIONS <sup>[4]</sup>

- EM/10W** 10-watt emergency battery <sup>[6]</sup>
- EM/6WC** 6-watt emergency, low temperature battery <sup>[7]</sup>
- LA40** -40°C minimum operating temperature <sup>[8]</sup>
- (L\_\_)** Additional lower lumen packages available  
Example: 16,100 lumens = EGL2-4-L197/840-PC-(L161) <sup>[9]</sup>
- WET/1** (1) 1/2" watertight hub <sup>[10]</sup>
- WET/2** (2) 1/2" watertight hubs <sup>[11]</sup>
- SSV** Stainless steel V-hooks <sup>[12]</sup>
- SSMRB** Stainless steel rigid ceiling mount bars <sup>[13]</sup>
- PCL** Injection-molded polycarbonate latches. <sup>[14]</sup>
- TP** Tamper-resistant screws <sup>[15]</sup>

### CONTROL

- None
- See page 3 for Additional Control Options. <sup>[16]</sup>

### DRIVER <sup>[5]</sup>

- DIM** Dimming driver prewired for 0-10V low voltage applications
- DRV** Driver prewired for non-dimming applications

### VOLTAGE

- 120** 120V
- 277** 277V
- UNV** 120-277V
- 347** 347V <sup>[17]</sup>
- 480** 480V <sup>[18]</sup>

### ACCESSORIES

- TPTG TOOL** Tamper-resistant tool for tri-groove screws. <sup>[19]</sup>

### NOTES

- Lumen output based on HIAFR Shielding, 4000K CCT. Actual lumens may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA.
- 35°C maximum ambient operating temperature.
- 25°C maximum ambient operating temperature.
- Stainless steel latches required for applications with harsh chemicals. See page 3 for CORD OPTIONS.
- Consult factory for additional driver options.
- L145 lumen package max. 25°C maximum ambient operating temperature.
- L145 lumen package max. Rated for -20°C to 25°C ambient temperature.
- Not available with EM batteries.
- Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- Factory-installed in end of housing.
- Factory-installed in ends of housing. Not available with occupancy sensor option.
- 2 per fixture.
- 2 per fixture.
- Not recommended for use in harsh environments, such as a car wash.
- This option requires a tamper-resistant tool, see Accessories.
- See page 3 for SENSOR PLACEMENT DETAILS.
- Not available with EM batteries.
- Not available with EM batteries.
- Tamper-resistant tool must be ordered separately. Please specify quantity required per project.



## FIXTURE PERFORMANCE DATA

LED PACKAGE	WATTAGE	HIAFR		HIA	
		DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)
L107	72.9	10768	147.7	11016	151.1
L145	94.6	14601	154.4	14937	158.0
L197	134.8	19810	147.0	20266	150.4
L250	177.6	25118	141.4	25696	144.7
L310	211.3	31149	147.4	31865	150.8

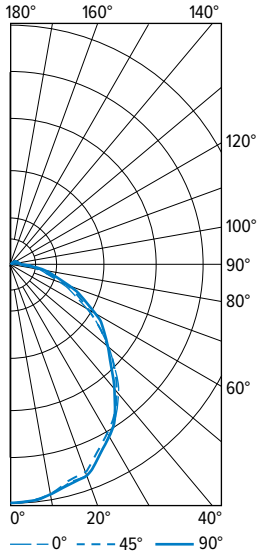
## MULTIPLIER TABLE

COLOR TEMPERATURE	
CCT	CONVERSION FACTOR
4000K	1.00
5000K	1.03

- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results based on HIAFR Shielding, 4000K, 80 CRI, actual lumens may vary +/-5%
- To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
- Use multiplier table to calculate additional options.

## PHOTOMETRY

EGL2-4-L250/840-HIAFR-DRV-UNV Total Luminaire Output: 25118 lumens; 141 Watts | Efficacy: 177.6 lm/W | 80 CRI; 4000K CCT

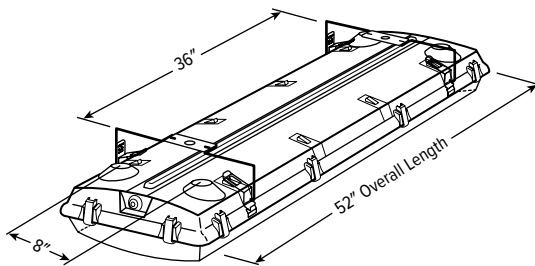


VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	8949	8949	8949	
5	9061	8859	8828	845
15	8705	8578	8558	2425
25	8058	7919	7899	3655
35	7056	6905	6611	4281
45	5636	5392	5405	4236
55	3992	3927	4435	3684
65	2492	2778	3141	2773
75	1139	1629	1963	1692
85	225	734	971	769
90	103	449	615	
95	93	311	398	323
105	80	199	257	193
115	50	135	199	126
125	27	82	143	72
135	15	36	87	33
145	0	0	39	9
155	0	0	13	1
165	0	0	0	0
175	0	0	0	0
180	0	0	0	0

ZONE	LUMENS	% FIXTURE
0 - 30	6926	28
0 - 40	11207	45
0 - 60	19128	76
0 - 90	24361	97
90 - 120	642	3
90 - 150	756	3
90 - 180	757	3
0 - 180	25118	100

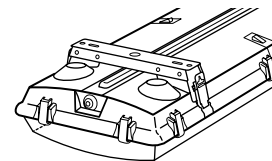
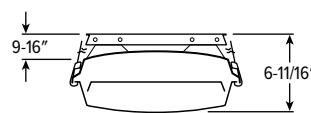
## FIXTURE DETAILS

### STANDARD MOUNTING

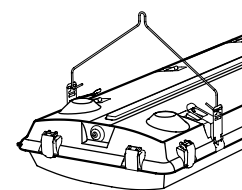
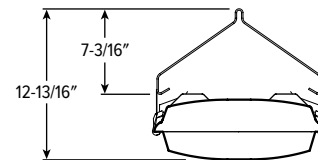


### OPTIONAL MOUNTING

#### SSMRB



#### SSV

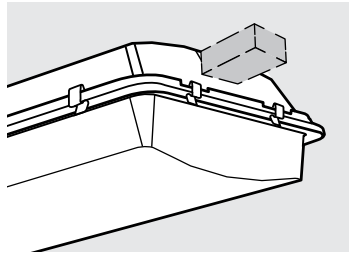


## CORD OPTIONS

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

Wet location cord sets are yellow.

## SENSOR PLACEMENT DETAILS



## ADDITIONAL CONTROL OPTIONS

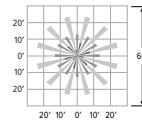
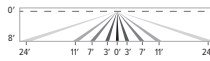
**WS-FSP-321B-L\_-120-480** Wattstopper PIR motion and daylight sensor using 0-10V internal control, 120V-480V. Must specify lens: L2, L3 or L7. Factory installed.

SPECIFICATIONS	
TYPE	PIR Motion + Daylight
MOUNTING HEIGHT	8' – 40'
DETECTION ANGLE	360°
TEMPERATURE RANGE	-40° to 75°C
COMMISSIONING	App (iOS or Android)

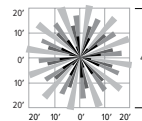
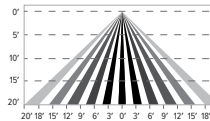
IP66 certified for wet locations. Not rated for NEMA 4X.

### SENSOR COVERAGE PATTERNS

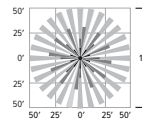
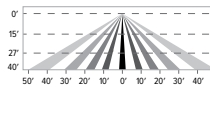
**L2 8' height: ø48' coverage**



**L3 20' height: ø40' coverage**



**L7 40' height: ø100' coverage**



### SENSOR DETAIL



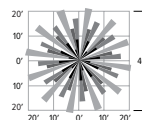
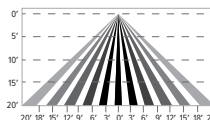
**WS-HB350W-L3W-\_\_\_** Wattstopper PIR motion sensor. Must specify voltage: 120 or 277V.

SPECIFICATIONS	
TYPE	PIR Motion
MOUNTING HEIGHT	20'
DETECTION ANGLE	360°
TEMPERATURE RANGE	-40° to 70°C
RELATIVE HUMIDITY	20 to 90%, non-condensing

IP65 certified for wet locations. Not rated for NEMA 4X.

### SENSOR COVERAGE PATTERNS

**20' height: ø40' coverage**



### SENSOR DETAIL

