

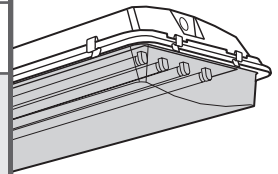
SUBMITTAL:

T8

JOB:

TYPE:

VOLTAGE:



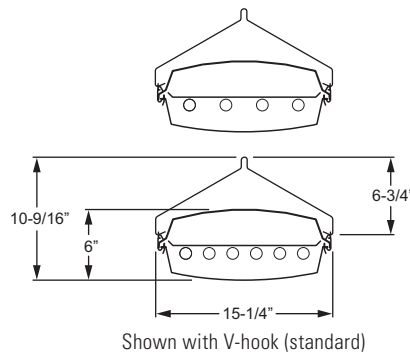
EXAMPLE

**EGL - 4 - 6 32 - HIA - OPTIONS - EB2/2/2 - UNV**

SERIES    NOMINAL LENGTH    TOTAL WATTAGE/LAMPS    SHIELDING    OPTIONS/ACCESSORIES    BALLAST TYPE    VOLTAGE

**FEATURES**

- ▶ NEMA 4X, IP66, IP67, and NSF/ANSI Standard 2–Splash Zone certified.
- ▶ Hose-down tested at 1500 PSI @ 1.4 GPM to withstand water penetration.
- ▶ Up to **85.9% optical efficiency**.
- ▶ Precisely formed lens provides maximum efficiency/reduced glare.
- ▶ Seamless closed-cell gasket poured and formed in place.
- ▶ Liquid-tight power entry.
- ▶ A curved-top housing without flanges reduces dust build-up on the fixture.
- ▶ Optional 100% polycarbonate lens available.
- ▶ Wide variety of cord and receptacle options.
- ▶ High-performance highly specular aluminum reflector system optional.
- ▶ All internal parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- ▶ This fixture is proudly made in the USA.



**SPECIFICATIONS**

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

**Internal Housing** – 22-gauge die-formed C.R.S.

**Latching** – Stainless steel latches.

**Reflective Surfaces** – 92% minimum average reflective white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal.

**Shielding** – High-impact acrylic (HIA) diffuser.

**Electrical** – Electronic ballast standard, instant start T8, rated Class P.

**Mounting** – Suspended with stainless steel V-hooks (standard) or optional ceiling mount brackets. Stem or surface mount not available.

**Labels & Certifications** – UL/CUL listed as fluorescent luminaire suitable for dry, damp, or wet locations<sup>1</sup>; NSF/ANSI Standard 2–Splash Zone certified, IP66 and IP67 certified (IP65 with occupancy sensor option), and rated for NEMA 4X.

**ORDERING INFORMATION**

**SERIES**

**EGL** Enclosed Industrial

**NOMINAL LENGTH**

**4** 4'

**TOTAL LAMPS**

**4 or 6**

**LAMP WATTAGE/TYPE**

**32** 4', 32-watt T8

**SHIELDING**

**HIA** High-impact acrylic (standard)  
**HIAFR** High-impact frosted acrylic  
**PC** 100% polycarbonate lens

**OPTIONS/ACCESSORIES<sup>1</sup>**

**3WC6** 3-wire, 6' STOW cord  
**3WC20** 3-wire, 20' STOW cord  
**4WC6** 4-wire, 6' STOW cord  
**4WC20** 4-wire, 20' STOW cord  
**3WMR** 3-wire mini-male receptacle only  
**3WMRC6** 3-wire mini-male receptacle with 6' STOW cord  
**3WMRC20** 3-wire mini-male receptacle with 20' STOW cord  
**4WMR** 4-wire mini-male receptacle only  
**4WMRC6** 4-wire mini-male receptacle with 6' STOW cord  
**4WMRC20** 4-wire mini-male receptacle with 20' STOW cord

**OPTIONS/ACCESSORIES (Continued)**

**REFL SPEC95** Highly specular aluminum reflector  
**GMF<sup>2</sup>** Fuse, slow blow (specify voltage)<sup>2</sup>  
**GLR<sup>2</sup>** Fuse, fast blow (specify voltage)<sup>2</sup>  
**TP<sup>3</sup>** Tamper-resistant (holt head) screws<sup>3</sup>  
**SSMB** Stainless steel ceiling mount brackets (2 per fixture), see back for details

**OCCUPANCY SENSORS**

Occupancy sensor must be specified from the following (specify voltage):

**OCCWS HB350W-L3W/120**  
**OCCWS HB350W-L3W/277**  
**OCCWS HB350W-L4W/120**  
**OCCWS HB350W-L4W/277**

Fixture is IP65 certified when specified with occupancy sensor.

**BALLAST TYPE**

**EB4** 4-lamp electronic ballast  
**EB2/2** (2) 2-lamp electronic ballasts  
**EB4/2** (1) 4-lamp and (1) 2-lamp electronic ballast  
**EB2/2/2** (3) 2-lamp electronic ballasts

**VOLTAGE**

<b>120</b>	120V	<b>UNV</b>	120-277V
<b>208</b>	208V	<b>347</b>	347V
<b>240</b>	240V	<b>480</b>	480V
<b>277</b>	277V	<b>HRV</b>	347-480V

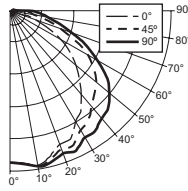
<sup>1</sup> When specifying EM option, EM ballast for enclosed and gasketed fixtures is required for fixture to be suitable for wet locations. Wet location cord sets are yellow.  
<sup>2</sup> Two (2) fuses required when specifying 208V or 240V.  
<sup>3</sup> This option requires a tamper-resistant tool (must be ordered separately). Please specify quantity required per project.

### PHOTOMETRY – 6 LAMPS

Catalog #: **EGL-4-632-HIA-WHT**

#### TEST REPORT INFORMATION

- ▶ Test Report #: 14233.0
- ▶ Date: 07/30/08
- ▶ Lamp Type: F32T8/835/RS
- ▶ Lamp Quantity: 6



#### LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0 - 30	3931.	18.5	23.4
0 - 40	6559.	30.9	39.0
0 - 60	12129.	57.1	72.2
0 - 90	16254.	76.5	96.8
<b>Total Luminaire:</b>			
0 - 180	16799.	79.1	100.0
Total Luminaire Optical Efficiency: <b>79.1%</b>			
IES Spacing Criteria: End = 1.3, Diagonal = 1.4, Across = 1.5			

#### CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0	4702.	4702.	4702.	
5	4759.	4750.	4762.	453.9
15	4681.	4775.	4860.	1354.0
25	4369.	4606.	4776.	2123.5
35	3782.	4189.	4549.	2628.0
45	3020.	3664.	4274.	2817.4
55	2260.	3158.	3670.	2751.9
65	1399.	2308.	2620.	2143.6
75	605.	1333.	1636.	1318.8
85	151.	652.	973.	663.3
90	76.	558.	822.	

#### ZONAL CAVITY COEFFICIENTS

	Ceiling			Wall			Floor			
	.80	.70	.50	.80	.70	.50	.80	.70	.50	
Room Cavity Ratio	0	.94	.94	.94	.91	.91	.91	.86	.86	.86
	1	.85	.81	.78	.83	.79	.76	.75	.73	.70
	2	.77	.71	.65	.75	.69	.64	.66	.62	.58
	3	.71	.62	.56	.69	.61	.55	.58	.53	.49
	4	.65	.55	.48	.63	.54	.47	.52	.46	.41
	5	.59	.48	.41	.57	.47	.41	.45	.39	.35
	6	.54	.43	.36	.52	.42	.35	.41	.35	.30
	7	.50	.39	.32	.48	.38	.31	.36	.30	.26
	8	.46	.35	.28	.44	.34	.27	.33	.27	.22
	9	.42	.31	.24	.41	.30	.24	.29	.23	.19
	10	.39	.28	.22	.38	.28	.21	.26	.21	.17

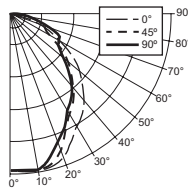
Effective Floor Cavity Reflectance = .20

### PHOTOMETRY – 4 LAMPS

Catalog #: **EGL-4-432-HIA-REFL SPEC95**

#### TEST REPORT INFORMATION

- ▶ Test Report #: 14232.0
- ▶ Date: 07/29/08
- ▶ Lamp Type: F32T8/835/RS
- ▶ Lamp Quantity: 4



#### LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0 - 30	3651.	25.8	30.0
0 - 40	5777.	40.8	47.5
0 - 60	9512.	67.2	78.2
0 - 90	11952.	84.4	98.2
<b>Total Luminaire:</b>			
0 - 180	12169.	85.9	100.0
Total Luminaire Optical Efficiency: <b>85.9%</b>			
IES Spacing Criteria: End = 1.2, Diagonal = 1.1, Across = 1.1			

#### CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0	4776.	4776.	4776.	
5	4820.	4789.	4790.	457.9
15	4794.	4741.	4538.	1330.6
25	4314.	3920.	3818.	1863.0
35	3775.	3296.	3182.	2125.8
45	3072.	2560.	2460.	2039.4
55	2309.	1832.	1766.	1695.1
65	1399.	1160.	1627.	1328.4
75	557.	810.	944.	778.7
85	97.	323.	451.	333.0
90	53.	265.	331.	

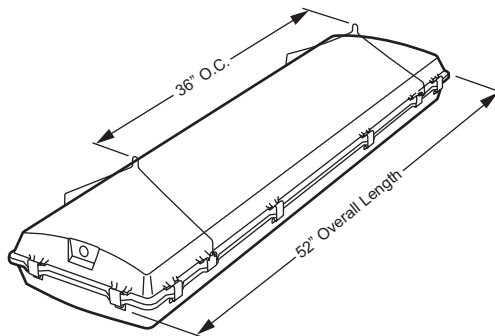
#### ZONAL CAVITY COEFFICIENTS

	Ceiling			Wall			Floor			
	.80	.70	.50	.80	.70	.50	.80	.70	.50	
Room Cavity Ratio	0	1.02	1.02	1.02	.99	.99	.99	.95	.95	.95
	1	.94	.90	.86	.91	.88	.85	.84	.81	.79
	2	.86	.79	.74	.84	.78	.73	.74	.70	.67
	3	.79	.71	.64	.77	.69	.63	.67	.61	.57
	4	.73	.63	.56	.71	.62	.55	.60	.54	.49
	5	.67	.56	.49	.65	.55	.48	.53	.47	.42
	6	.62	.51	.43	.60	.50	.43	.48	.42	.37
	7	.57	.46	.38	.55	.45	.38	.43	.37	.33
	8	.53	.41	.34	.51	.40	.34	.39	.33	.29
	9	.48	.37	.30	.47	.36	.30	.35	.29	.25
	10	.45	.34	.27	.44	.33	.27	.32	.26	.22

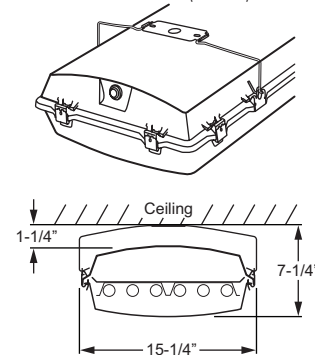
Effective Floor Cavity Reflectance = .20

### FIXTURE DETAILS

#### STANDARD MOUNTING



#### OPTIONAL MOUNTING (SSMB)



Shown with SSMB and REFL SPEC95 (options)

**Mounting Details** – Fixture furnished with four (4) stainless steel hanger brackets and two (2) stainless steel V-hooks for suspended mounting with chain or aircraft cable. Optional stainless steel ceiling mount brackets available.

**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.