

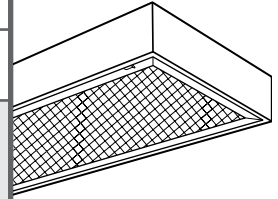
**SUBMITTAL:**

**1x2 | 1x4**

**JOB:**

**TYPE:**

**VOLTAGE:**

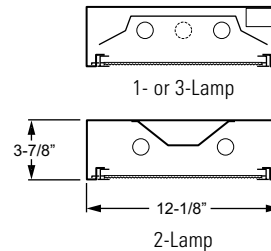


**EXAMPLE** → **11 - 4 - 2 32 - F A12125 - OPTIONS - EB2 - UNV**

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

**FEATURES**

- ▶ Fully enclosed spring-loaded cam latches allow years of hassle-free maintenance.
- ▶ Mitered corners provide clean, crisp appearance with no visible rivets or screws.
- ▶ Heavy-gauge welded end plates and housing ensure durable, rigid construction.
- ▶ Fully gasketed door minimizes contaminants.
- ▶ Ballast secured by two captive bolts and nuts to ensure a tight, reliable fit for maximum heat dissipation.
- ▶ This fixture is proudly made in the USA.



**SPECIFICATIONS**

**Housing** – 20-gauge die-formed, welded C.R.S.  
**Door Frame** – 20-gauge C.R.S. or 0.050" extruded aluminum with mitered corners. Fully enclosed spring-loaded cam latches.  
**Shielding** – Clear acrylic prismatic lens standard.  
**Finish** – 92% minimum average reflective white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.  
**Electrical** – Electronic ballast standard, rated Class P. Default offering shown in chart below.

Lamp	Instant Start	Program Start
T5		•
T8	•	
31UN	•	
32U	•	

**Mounting** – Surface or suspended.  
**Labels** – UL/CUL listed as fluorescent luminaire suitable for dry or damp locations.

<sup>1</sup> Side mounted ballast required for 1- or 3-lamp cross-section.  
<sup>2</sup> 2-lamp cross section maximum when specifying 54T5HO lamps.

**ORDERING INFORMATION**

**SERIES**

**11** Surface Mount, 1' Wide, Solid Sides

**NOMINAL LENGTH**

**2** 2'  
**4** 4'

**TOTAL LAMPS**

**1, 2, or 3<sup>1</sup>**

**LAMP WATTAGE/TYPE**

**1x2 LAMP OPTIONS**

**14T5S** 2', 14-watt T5 (1- or 2-lamp ballast[s] only)  
**17<sup>1</sup>** 2', 17-watt T8<sup>1</sup>  
**24T5H** 2', 24-watt T5HO  
**31UN** 2', U-bent, 31-watt T8, 1-5/8" leg spacing (1- or 2-lamp only)  
**32U** 2', U-bent, 32-watt T8, 6" leg spacing (1-lamp only)

**1x4 LAMP OPTIONS**

**28T5S** 4', 28-watt T5 (1- or 2-lamp ballast[s] only)  
**32<sup>1</sup>** 4', 32-watt T8<sup>1</sup>  
**54T5H<sup>2</sup>** 4', 54-watt T5HO<sup>2</sup>

**DOOR FRAME**

**F** White flat aluminum  
**R** White regressed aluminum  
**S** White flat steel  
**FB** Black flat aluminum  
**RB** Black regressed aluminum  
**SB** Black flat steel

**SHIELDING**

See Fluorescent Information section for shielding details.  
**A12125** Acrylic, pattern #12, .125" thick  
**A19156** Acrylic, pattern #19, .156" thick  
**PC1SS** Nominal 1/2" x 1/2" x 1/2" silver polystyrene  
**PC2SS** Nominal 1-1/2" x 1-1/2" x 1" silver polystyrene

**OPTIONS**

For generic EM ballast options (must specify voltage), see Information section.  
 See Information section for mounting options.

**BALLAST TYPE**

**EB1** 1-lamp electronic ballast  
**EB2** 2-lamp electronic ballast  
**EB3** 3-lamp electronic ballast  
**EB2/1** (1) 2-lamp and (1) 1-lamp electronic ballast

**VOLTAGE**

**120** 120V  
**277** 277V  
**UNV** 120-277V  
**347** 347V

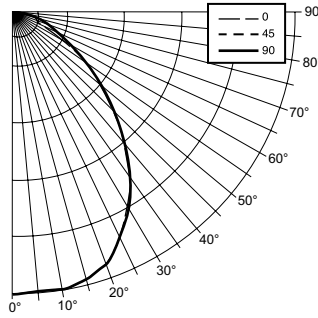
1x2 | 1x4

### PHOTOMETRY INFORMATION

Catalog #: 11-4-232-FA12125-EB2

#### TEST REPORT INFORMATION

- ▶ Test Report #: 8358.0
- ▶ Date: 07/19/95
- ▶ Lamp Type: F32T8/735/RS
- ▶ Lamp Quantity: 2



#### CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	1622.	1622.	1622.	
5°	1609.	1609.	1608.	153.6
15°	1590.	1590.	1594.	451.1
25°	1421.	1425.	1422.	658.4
35°	1159.	1146.	1146.	721.7
45°	812.	804.	820.	629.4
55°	504.	479.	522.	446.6
65°	276.	196.	273.	229.2
75°	173.	130.	168.	150.9
85°	58.	50.	55.	59.1
90°	0	0	0	

#### ZONAL CAVITY COEFFICIENTS

	Ceiling			.80			.70			.50		
	Wall	.70	.50	.30	.70	.50	.30	.50	.30	.10		
Room Cavity Ratio	0	.73	.73	.73	.71	.71	.71	.68	.68	.68		
	1	.68	.66	.63	.66	.64	.62	.62	.60	.59		
	2	.63	.59	.55	.62	.58	.54	.56	.53	.51		
	3	.58	.53	.49	.57	.52	.48	.50	.47	.44		
	4	.54	.48	.43	.53	.47	.43	.46	.42	.39		
	5	.50	.43	.38	.49	.42	.38	.41	.37	.34		
	6	.46	.39	.34	.45	.39	.34	.37	.33	.30		
	7	.43	.35	.31	.42	.35	.30	.34	.30	.27		
	8	.40	.32	.27	.39	.32	.27	.31	.27	.24		
	9	.37	.29	.24	.36	.29	.24	.28	.24	.21		
	10	.34	.26	.22	.33	.26	.22	.25	.21	.18		

Effective Floor Cavity Reflectance = .20

#### LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0 - 30	1263.	22.2	36.1
0 - 40	1985.	34.8	56.7
0 - 60	3061.	53.7	87.5
0 - 90	3500.	61.4	100.0
<b>Total Luminaire:</b>			
0 - 180	3500.	61.4	100.0

Total Luminaire Optical Efficiency: **61.4%**  
 IES Spacing Criteria: Across = 1.2  
 Along = 1.2

### FIXTURE DETAILS

#### BACK VIEW

