

SURFACE MOUNT – SOLID SIDES

12-4

SUBMITTAL:

2x4

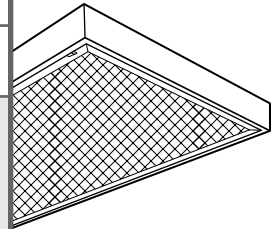
JOB:

TYPE:

VOLTAGE:

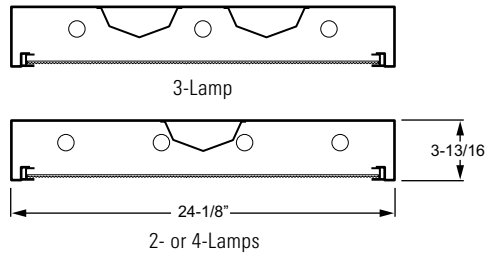
EXAMPLE → **12 - 4 - 3 32 - R A12125 - OPTIONS - EB3 - UNV**

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, instant start T8, program start T5, rated Class P.

Mounting – Surface or suspended.

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

ORDERING INFORMATION

SERIES

12 2' x 4' Surface Mount – Solid Sides

NOMINAL LENGTH

4 4'

TOTAL LAMPS

2, 3, or 4

LAMP WATTAGE/TYPE

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

DOOR FRAME

F White flat aluminum
R White regress aluminum
S White flat steel
FB Black flat aluminum
RB Black regress 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

EB2 2-lamp electronic ballast
EB3 3-lamp electronic ballast
EB4 4-lamp electronic ballast
EB2/1 (1) 2-lamp and (1) 1-lamp electronic ballast
EB2/2 (2) 2-lamp electronic ballasts

VOLTAGE

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

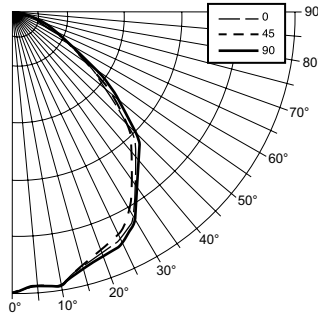


PHOTOMETRY INFORMATION

Catalog #: 12-4-332-RA12125-EB3

TEST REPORT INFORMATION

- ▶ Test Report #: 8530.0
- ▶ Date: 11/15/95
- ▶ Lamp Type: F32T8/735/RS
- ▶ Lamp Quantity: 3



CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	2683.	2683.	2683.	
5°	2622.	2621.	2630.	250.5
15°	2520.	2550.	2558.	720.8
25°	2382.	2418.	2464.	1121.3
35°	2009.	2070.	2087.	1292.4
45°	1601.	1653.	1730.	1278.9
55°	939.	1011.	1066.	900.6
65°	509.	465.	487.	487.1
75°	260.	210.	287.	262.0
85°	103.	103.	116.	113.6
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	.86	.86	.86	.84	.84	.84	.81	.81	.81
	1	.80	.77	.75	.78	.76	.73	.73	.71	.69
	2	.74	.69	.65	.72	.68	.64	.65	.62	.59
	3	.69	.62	.57	.67	.61	.56	.59	.55	.51
	4	.63	.56	.50	.62	.55	.50	.53	.49	.45
	5	.58	.50	.44	.57	.49	.44	.48	.43	.39
	6	.54	.45	.39	.53	.44	.39	.43	.38	.34
	7	.50	.41	.35	.49	.40	.34	.39	.34	.30
	8	.46	.36	.31	.45	.36	.30	.35	.30	.26
	9	.42	.33	.27	.41	.32	.27	.31	.26	.23
	10	.39	.30	.24	.38	.29	.24	.29	.24	.20

Effective Floor Cavity Reflectance = .20

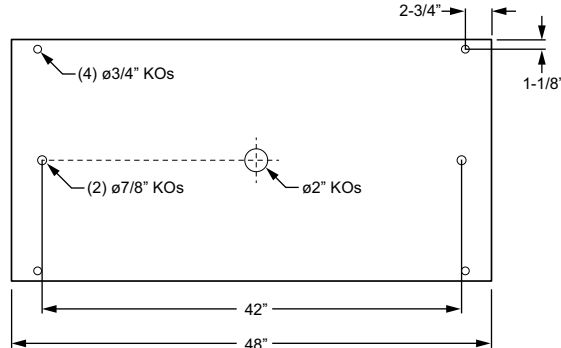
LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0 - 30	2093.	23.6	32.6
0 - 40	3385.	38.2	52.7
0 - 60	5564.	62.9	86.6
0 - 90	6427.	72.6	100.0
Total Luminaire:			
0 - 180	6427.	72.6	100.0

Total Luminaire Optical Efficiency: **72.6%**
 IES Spacing Criteria: Across = 1.3
 Along = 1.2

FIXTURE DETAILS

2- or 4-LAMP BACK VIEW



3-LAMP BACK VIEW

