



# LUMINAIRE TESTING LABORATORY, INC.

SUSTAINING MEMBER of the IESNA

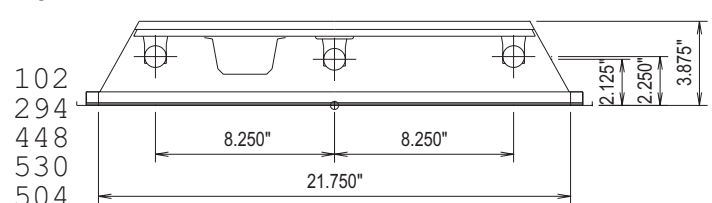
905 Harrison Street · Allentown, PA 18103 · 610-770-1044 · Fax 610-770-8912 · www.LuminaireTesting.com

LTL NUMBER: 13192 DATE: 06-30-2008  
 PREPARED FOR: EB FLUORESCENT COMPANY, INC.  
 CATALOG NUMBER: G2X2 3/17 C  
 LUMINAIRE: FORMED WHITE ENAMEL STEEL HOUSING/REFLECTOR, CLEAR PRISMATIC PLASTIC LENS.  
 LAMPS: THREE 17 WATT T8 LINEAR FLUORESCENT LAMPS RATED AT 1325 LUMENS EACH.  
 LAMP CATALOG NUMBER: GE F17T8-841-ECO  
 BALLAST: ONE UNIVERSAL LIGHTING TECHNOLOGIES B332IUNVHP-A  
 MOUNTING: RECESSED  
 TOTAL INPUT WATTS = 43.8 AT 120.0 VOLTS  
 THE 0 DEGREE PLANE IS PARALLEL WITH THE LAMPS.

### CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	1073	1073	1073	1073	1073
5	1068	1069	1069	1070	1071
15	1024	1030	1041	1051	1056
25	932	946	972	997	1007
35	793	812	850	886	905
45	599	612	653	689	724
55	383	405	437	482	496
65	214	211	214	259	279
75	144	120	102	115	137
85	49	55	44	46	48
90	0	0	0	0	0

### FLUX



### ZONAL LUMEN SUMMARY

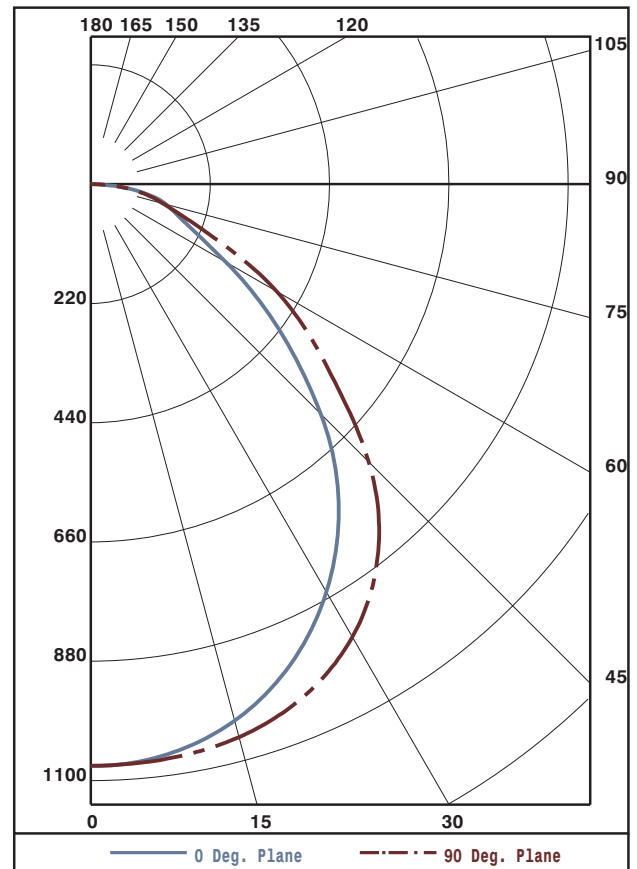
ZONE	LUMENS	%LAMP	%FIXT
0- 30	844	21.2	31.4
0- 40	1374	34.6	51.2
0- 60	2273	57.2	84.6
0- 90	2685	67.5	100.0
90-180	0	0.0	0.0
0-180	2685	67.5	100.0

TOTAL LUMINAIRE EFFICIENCY: 67.5%  
 TOTAL REFLECTANCE OF PAINT: 80.8%  
 CIE TYPE: DIRECT  
 PLANE: 0-DEG 90-DEG  
 SPACING CRITERIA: 1.2 1.3

LUMINOUS LENGTH: 21.500 21.750

### LUMINANCE IN CANDELA PER SQUARE METER

ANGLE IN DEG	AVERAGE 0-DEG	AVERAGE 45-DEG	AVERAGE 90-DEG
0	3556.	3556.	3556.
45	2808.	3061.	3394.
55	2213.	2525.	2866.
65	1678.	1678.	2188.
75	1844.	1306.	1754.
85	1863.	1673.	1825.



Approved By: MG



**LUMINAIRE TESTING LABORATORY, INC.**

SUSTAINING  
MEMBER  
of the  
IESNA

905 Harrison Street · Allentown, PA 18103 · 610-770-1044 · Fax 610-770-8912 · www.LuminaireTesting.com

LTL NUMBER: 13192

DATE: 06-30-2008

PREPARED FOR: EB FLUORESCENT COMPANY, INC.

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD  
EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20

RC	80				70				50			30			10			0	
	RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30		10
0	80	80	80	80	80	79	79	79	79	75	75	75	72	72	72	69	69	69	68
1	74	72	69	67	67	73	70	68	66	67	65	64	65	63	62	62	61	60	59
2	69	64	60	56	56	67	63	59	56	60	57	54	58	55	53	56	54	52	51
3	63	57	52	48	48	62	56	52	48	54	50	47	52	49	46	51	48	46	44
4	58	51	46	42	42	57	50	45	41	49	44	41	47	43	40	46	43	40	39
5	54	46	40	36	36	52	45	40	36	44	39	35	42	38	35	41	37	35	33
6	50	41	36	31	31	48	41	35	31	39	35	31	38	34	31	37	33	31	29
7	46	37	31	28	28	45	37	31	27	36	31	27	35	30	27	34	30	27	26
8	42	33	28	24	24	41	33	28	24	32	27	24	31	27	24	30	26	23	22
9	39	30	24	21	21	38	30	24	21	29	24	21	28	24	21	27	23	20	19
10	36	27	22	18	18	35	27	22	18	26	22	18	26	21	18	25	21	18	17

CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	1073	1073	1073	1073	1073
5	1068	1069	1069	1070	1071
10	1052	1055	1059	1064	1066
15	1024	1030	1041	1051	1056
20	984	994	1012	1030	1037
25	932	946	972	997	1007
30	868	886	919	951	964
35	793	812	850	886	905
40	705	719	763	798	827
45	599	612	653	689	724
50	487	507	543	579	601
55	383	405	437	482	496
60	287	302	326	378	395
65	214	211	214	259	279
70	171	155	134	167	190
75	144	120	102	115	137
80	104	92	83	79	98
85	49	55	44	46	48
90	0	0	0	0	0

ZONAL LUMEN SUMMARY

0- 5	26.
5- 10	76.
10- 15	125.
15- 20	169.
20- 25	208.
25- 30	240.
30- 35	261.
35- 40	270.
40- 45	263.
45- 50	241.
50- 55	214.
55- 60	180.
60- 65	137.
65- 70	97.
70- 75	71.
75- 80	56.
80- 85	38.
85- 90	12.

THIS TEST WAS CONDUCTED USING RELATIVE PHOTOMETRY TECHNIQUES ACCORDING TO STANDARD IESNA PROCEDURES. THE USER MUST THEREFORE USE CAUTION IN THE FOLLOWING SITUATIONS: 1) THIS TEST WAS PERFORMED USING A SPECIFIC BALLAST/LAMP COMBINATION. EXTRAPOLATION OF THESE DATA FOR OTHER BALLAST/LAMP COMBINATIONS MAY PRODUCE ERRONEOUS RESULTS. 2) ACCORDING TO IESNA PROCEDURES, THE BALLAST(S) AND LAMP(S) ARE PRESUMED TO PRODUCE 100% OF RATED OUTPUT. AN APPROPRIATE BALLAST FACTOR MUST BE APPLIED TO THE LUMEN OUTPUT RATINGS AND LUMINOUS INTENSITY VALUES GIVEN. 3) THIS TEST WAS CONDUCTED IN A CONTROLLED LABORATORY ENVIRONMENT WHERE THE AMBIENT TEMPERATURE WAS HELD AT 25°C ±1°C. FIELD PERFORMANCE MAY DIFFER PARTICULARLY IN REGARDS TO CHANGE IN LUMINOUS OUTPUT AS A RESULT OF DIFFERENCE IN AMBIENT TEMPERATURE AND METHOD OF MOUNTING THE LUMINAIRE.