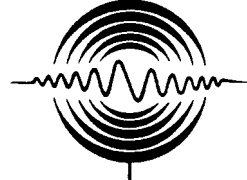


BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.

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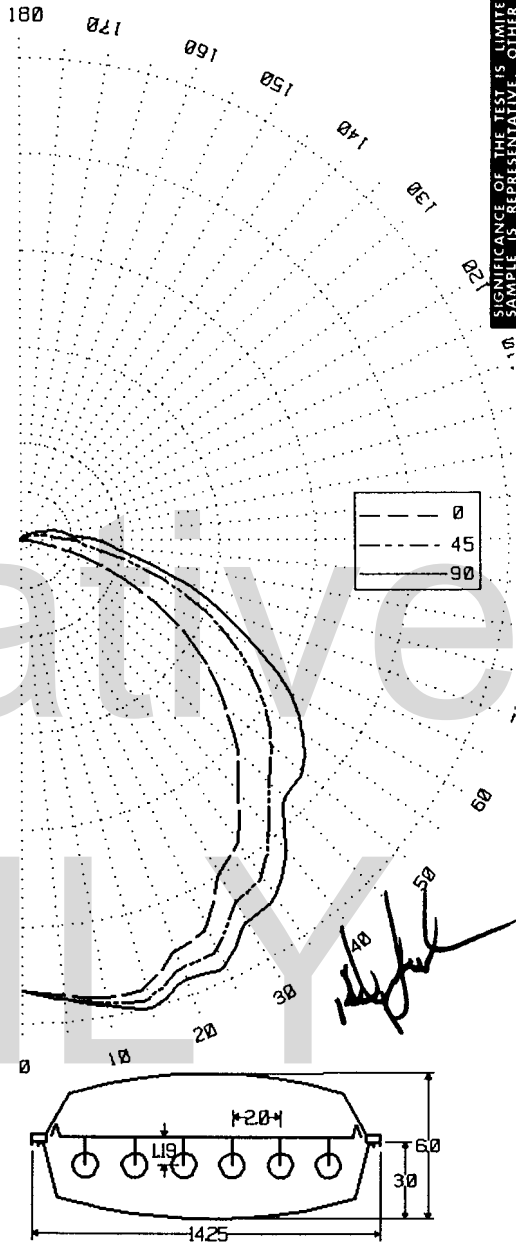


BALLABS CERTIFIED TEST REPORT NO.: 14138.0 DATE 06/03/08
 PREPARED FOR: SCIENTIFIC LIGHTING PRODUCTS, INC - FENTON, MO
 DESCRIPTION: 6/32W T8 LAMP 51.5x14.5x6" ENCLOSED & GASKETED LUMINAIRE
 WHITE REFLECTOR w/CLEAR ACRYLIC DROP LENS REFL=86%
 ADVANCE BALLST #ICN-4P32-SC & ICN-2P32-SC WATTS=143

CATALOG NBR: CT4-6LT8
 LAMP TYPE : F32WT9/835/RS RATED LUMENS 2950. NBR. LAMPS:- 6

CANDLEPOWER DISTRIBUTION

VERT ANG	HORIZONTAL ANGLE					ZONAL LUMENS
	0	22.5	45	67.5	90	
0	3748.	3748.	3748.	3748.	3748.	
5	3799.	3809.	3824.	3830.	3832.	364.6
10	3856.	3872.	3904.	3920.	3928.	
15	3852.	3892.	3948.	4003.	4027.	1118.5
20	3637.	3684.	3780.	3860.	3884.	
25	3553.	3632.	3760.	3880.	3912.	1736.3
30	3209.	3321.	3489.	3624.	3672.	
35	3081.	3217.	3425.	3584.	3624.	2132.5
40	2746.	2906.	3145.	3321.	3369.	
45	2496.	2695.	2863.	2959.	3047.	2185.6
50	2163.	2395.	2666.	2922.	3010.	
55	1860.	2131.	2435.	2730.	2818.	2161.0
60	1525.	1788.	2155.	2467.	2547.	
65	1149.	1429.	1836.	2075.	2115.	1730.1
70	806.	1093.	1493.	1668.	1732.	
75	503.	806.	1125.	1317.	1373.	1107.1
80	223.	487.	790.	974.	1014.	
85	87.	287.	534.	710.	758.	532.8
90	39.	199.	431.	590.	630.	
95	15.	127.	279.	383.	423.	274.9
100	0.	95.	215.	319.	359.	
105	0.	79.	175.	279.	303.	181.0
110	0.	55.	135.	207.	239.	
115	0.	47.	103.	159.	175.	98.4
120	0.	31.	79.	127.	143.	
125	0.	0.	71.	103.	111.	51.5
130	0.	0.	55.	79.	79.	
135	0.	0.	39.	61.	67.	25.8
140	0.	0.	0.	55.	63.	
145	0.	0.	0.	47.	47.	11.1
150	0.	0.	0.	39.	47.	
155	0.	0.	0.	39.	39.	6.8
160	0.	0.	0.	0.	23.	
165	0.	0.	0.	0.	0.	.0
170	0.	0.	0.	0.	0.	.0
175	0.	0.	0.	0.	0.	.0
180	0.	31.	0.	0.	0.	



LUMEN SUMMARY

ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	3219.	18.2	23.5	90-120	554.	3.1	4.0
0- 40	5352.	30.2	39.0	90-130	606.	3.4	4.4
0- 60	9698.	54.8	70.7	90-150	643.	3.6	4.7
0- 90	13068.	73.8	95.3	90-180	650.	3.7	4.7
TOTAL LUMINAIRE = 0-180					13718.	77.5	100.0

IES SPACING CRITERIA: END= 1.3 DIAGONAL = 1.4 CROSS= 1.5

SIGNIFICANCE OF THE TEST IS LIMITED TO THE DEGREE THAT THE TESTED SAMPLE IS REPRESENTATIVE. OTHER FACTORS AFFECT FIELD PERFORMANCE.

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LUMINANCES-CD/SQ-M
 HORIZONTAL ANGLE

VERT ANGLE	0	45	90
45	7925.	7437.	7915.
55	7280.	7235.	8373.
65	6104.	6605.	7609.
75	4363.	5334.	6510.
85	2241.	3886.	5516.

MAXIMUM BRIGHTNESSES NOT MEASURED

ZONAL CAVITY COEFFICIENTS OF UTILIZATION

EFFECTIVE FLOOR CAVITY REFLECTANCE=.20

CEILING	.80		.70		.50		.30		.10		.00							
WALL	.70	.50	.30	.10	.70	.50	.30	.10	.50	.30	.10	.50	.30	.10	.00			
RCR																		
0	.91	.91	.91	.91	.89	.89	.89	.89	.84	.84	.84	.80	.80	.80	.76	.76	.76	.74
1	.83	.79	.76	.73	.81	.77	.74	.71	.73	.71	.68	.70	.68	.66	.66	.65	.63	.61
2	.76	.69	.64	.59	.73	.67	.62	.58	.64	.60	.56	.61	.57	.54	.58	.55	.53	.51
3	.69	.61	.55	.49	.67	.59	.53	.49	.57	.52	.47	.54	.50	.46	.52	.48	.45	.43
4	.63	.54	.47	.42	.61	.53	.46	.41	.50	.45	.40	.48	.43	.39	.46	.42	.38	.37
5	.57	.47	.40	.35	.56	.46	.40	.35	.44	.38	.34	.42	.37	.33	.40	.36	.33	.31
6	.53	.42	.35	.30	.51	.41	.35	.30	.40	.34	.29	.38	.33	.29	.36	.32	.28	.26
7	.49	.38	.31	.26	.47	.37	.30	.26	.35	.30	.25	.34	.29	.25	.33	.28	.25	.23
8	.45	.34	.27	.23	.43	.33	.27	.22	.32	.26	.22	.31	.25	.22	.29	.25	.21	.20
9	.41	.30	.24	.19	.40	.30	.23	.19	.29	.23	.19	.27	.22	.19	.26	.22	.18	.17
10	.38	.28	.21	.17	.37	.27	.21	.17	.26	.20	.17	.25	.20	.16	.24	.19	.16	.15

TESTED IN ACCORDANCE WITH CURRENT IES PROCEDURES