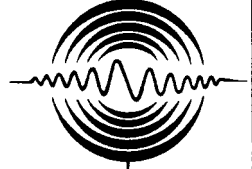


BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.

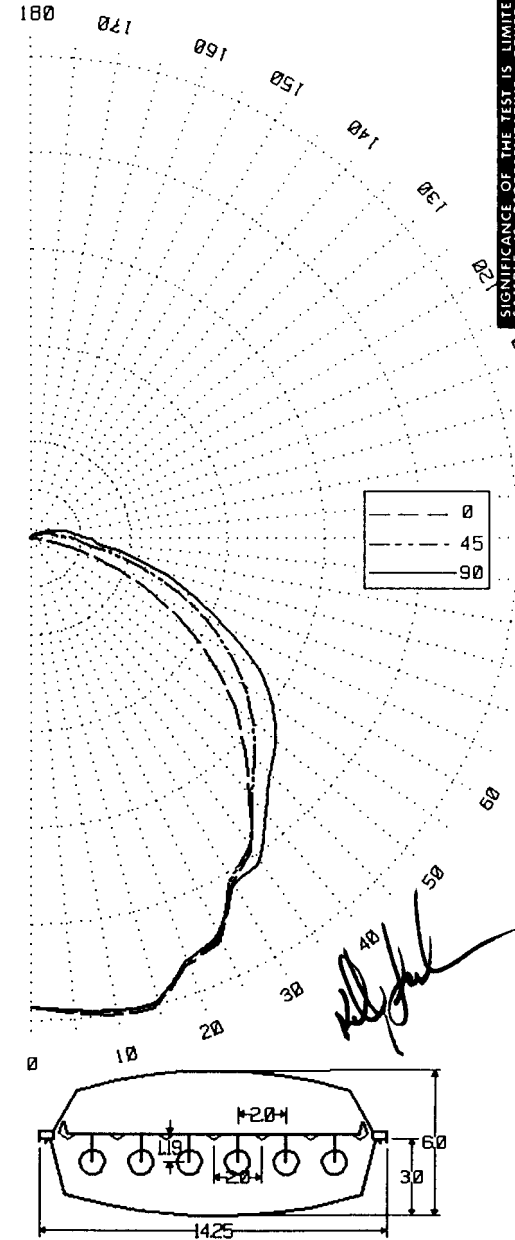
1618 HEADLAND DR.
 FENTON, MO 63026
 (636) - 343-6006
 (636) - 343-6051 FAX



BALLABS CERTIFIED TEST REPORT NO.: 14137.0 DATE 06/03/08
 PREPARED FOR: SCIENTIFIC LIGHTING PRODUCTS, INC - FENTON, MO
 DESCRIPTION: 6/32W T8 LAMP 521.5x14.5x6" ENCLOSED & GASKETED LUMINAIRE
 SPECULAR REFLECTOR w/CLEAR ACRYLIC DROP LENS REFL=86%
 ADVANCE BALLAST #ICN-4P32-SC & ICN-2P32-SC WATTS=141
 CATALOG NBR: CT4-6LT8-R
 LAMP TYPE : F32WT8/835/RS RATED LUMENS 2950. NBR. LAMPS:- 6

CANDLEPOWER DISTRIBUTION

VERT ANG	HORIZONTAL ANGLE					ZONAL LUMENS
	0	22.5	45	67.5	90	
0	4295.	4295.	4295.	4295.	4295.	
5	4361.	4353.	4345.	4337.	4337.	414.8
10	4423.	4407.	4391.	4383.	4383.	
15	4419.	4387.	4395.	4395.	4387.	1245.8
20	4148.	4116.	4116.	4116.	4108.	
25	4048.	4024.	4024.	4000.	4000.	1859.8
30	3648.	3624.	3608.	3632.	3664.	
35	3473.	3449.	3449.	3553.	3600.	2196.7
40	3073.	3058.	3105.	3265.	3305.	
45	2727.	2743.	2863.	2951.	3055.	2216.5
50	2403.	2395.	2618.	2826.	2890.	
55	2028.	2051.	2355.	2602.	2666.	2098.2
60	1628.	1700.	2051.	2307.	2379.	
65	1205.	1349.	1732.	1908.	1948.	1629.3
70	830.	1037.	1373.	1533.	1564.	
75	495.	758.	1014.	1181.	1237.	1010.0
80	215.	439.	686.	838.	894.	
85	79.	239.	455.	574.	622.	441.5
90	39.	167.	367.	479.	518.	
95	31.	127.	263.	367.	399.	265.1
100	23.	87.	207.	303.	335.	
105	0.	71.	167.	247.	287.	166.2
110	0.	55.	127.	191.	215.	
115	0.	47.	87.	143.	167.	89.5
120	0.	31.	71.	119.	127.	
125	0.	39.	71.	95.	103.	57.5
130	0.	23.	55.	79.	79.	
135	0.	0.	47.	65.	71.	28.6
140	0.	0.	39.	55.	63.	
145	0.	0.	39.	47.	47.	17.2
150	0.	0.	0.	47.	47.	
155	0.	0.	0.	39.	39.	6.8
160	0.	0.	0.	31.	23.	
165	0.	0.	0.	0.	0.	.0
170	0.	0.	0.	0.	0.	
175	0.	0.	0.	0.	0.	.0
180	0.	0.	0.	0.	0.	



LUMEN SUMMARY

ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	3520.	19.9	25.6	90-120	521.	2.9	3.8
0- 40	5717.	32.3	41.6	90-130	578.	3.3	4.2
0- 60	10032.	56.7	73.0	90-150	624.	3.5	4.5
0- 90	13113.	74.1	95.4	90-180	631.	3.6	4.6
TOTAL LUMINAIRE = 0-180					13744.	77.6	100.0

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

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	8658.	7437.	7936.
55	7938.	6997.	7921.
65	6401.	6231.	7008.
75	4294.	4808.	5865.
85	2035.	3311.	4526.

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	.92	.92	.92	.92	.89	.89	.89	.89	.84	.84	.84	.80	.80	.80	.76	.76	.76	.74
1	.84	.80	.77	.74	.81	.78	.75	.72	.74	.72	.69	.70	.68	.67	.67	.65	.64	.62
2	.76	.70	.65	.60	.74	.68	.64	.59	.65	.61	.58	.62	.59	.56	.59	.56	.54	.52
3	.70	.62	.56	.51	.68	.61	.55	.50	.58	.53	.49	.55	.51	.48	.53	.49	.46	.45
4	.64	.55	.48	.43	.62	.54	.48	.43	.51	.46	.42	.49	.45	.41	.47	.43	.40	.38
5	.58	.49	.42	.37	.57	.47	.41	.36	.45	.40	.35	.44	.39	.35	.42	.37	.34	.32
6	.54	.43	.37	.32	.52	.43	.36	.31	.41	.35	.31	.39	.34	.30	.38	.33	.30	.28
7	.50	.39	.32	.28	.48	.38	.32	.27	.37	.31	.27	.35	.30	.26	.34	.29	.26	.24
8	.46	.35	.28	.24	.44	.34	.28	.24	.33	.27	.23	.32	.27	.23	.31	.26	.23	.21
9	.42	.31	.25	.21	.41	.31	.25	.20	.30	.24	.20	.29	.23	.20	.27	.23	.20	.18
10	.39	.29	.22	.18	.38	.28	.22	.18	.27	.22	.18	.26	.21	.18	.25	.21	.17	.16

TESTED IN ACCORDANCE WITH CURRENT IES PROCEDURES