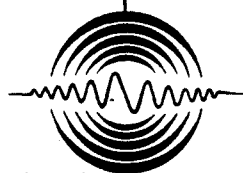


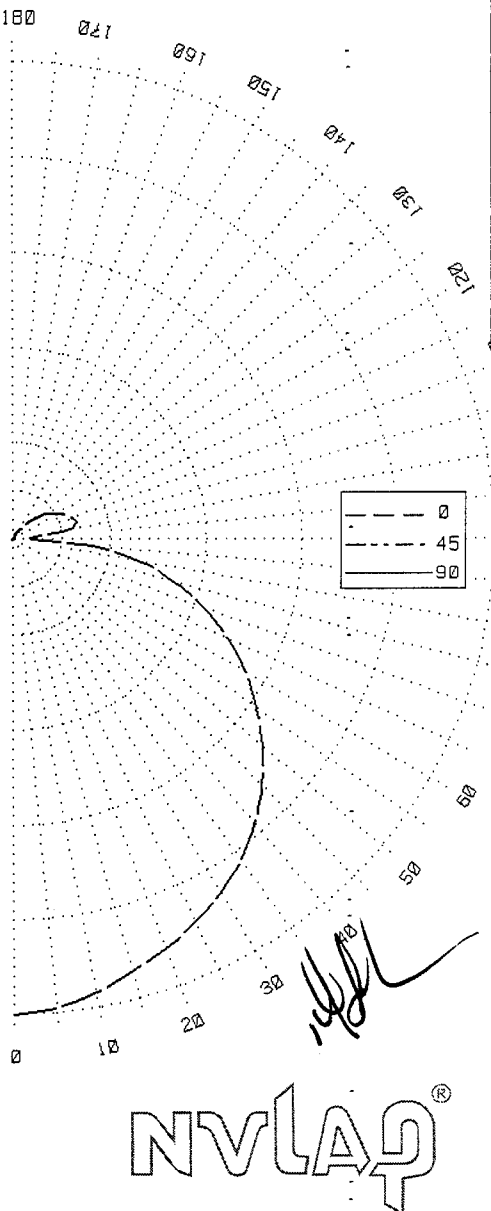
BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.

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



BALLABS CERTIFIED TEST REPORT NO.: 19186.0 DATE 12/03/15
PREPARED FOR: IMPACT ARCHITECTURAL LIGHTING - SAINT LOUIS, MO
DESCRIPTION: 12-24LED 11.625"ARRAYS 48"DIA WHT.WAL PENDANT LUMINAIRE
WHITE REFL w/1PIECE .125"THK VIRGIN WHITE ACRYLIC INNER &
BTM LENS 2 ROAL STRATO #RSLD035-06
CATALOG NBR: P6348-35LO
LAMP TYPE : M350C835D24N12STC
CANDLEPOWER DISTRIBUTION

VERT ANG	AVERAGE CANDELA	ZONAL LUMENS
0	850.	80.3
5	841.	
10	823.	226.3
15	799.	
20	778.	350.0
25	756.	
30	729.	438.9
35	699.	
40	662.	481.6
45	622.	
50	575.	471.0
55	525.	
60	473.	416.9
65	420.	
70	358.	312.3
75	295.	
80	230.	153.2
85	140.	
90	33.	33.5
95	31.	
100	100.	122.8
105	116.	
110	110.	101.8
115	103.	
120	91.	72.0
125	80.	
130	69.	40.0
135	52.	
140	39.	13.3
145	21.	
150	15.	4.2
155	9.	
160	2.	.0
165	0.	
170	0.	.0
175	0.	
180	0.	



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

LUMEN SUMMARY

NVLAP LAB CODE 200921-0

ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	657.	NA.	19.8	90-120	258.	NA.	7.8
0- 40	1095.	NA.	33.0	90-130	330.	NA.	9.9
0- 60	2048.	NA.	61.7	90-150	383.	NA.	11.6
0- 90	2931.	NA.	88.3	90-180	388.	NA.	11.7
TOTAL LUMINAIRE =				0-180	3318.	NA.	100.0

IES SPACING CRITERIA: ADJACENT= 1.3 DIAGONAL= .9

THIS BALLABS REPORT WITH THE USE OF THE NVLAP LOGO SHALL NOT BE USED BY THIS CLIENT TO CLAIM PRODUCT CERTIFICATION, APPROVAL, OR ENDORSEMENT BY NVLAP, NIST, OR ANY AGENCY OF THE FEDERAL GOVERNMENT.

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LUMINANCES-CD/SQ-M
 HORIZONTAL ANGLE

VERT	0
ANGLE	
45	759.
55	784.
65	841.
75	941.
85	1185.

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	.50	.30	.10	.50	.30	.10	.00
RCR																					
0	1.16	1.16	1.16	1.16	1.12	1.12	1.12	1.12	1.05	1.05	1.05	.98	.98	.98	.91	.91	.91	.91	.91	.91	.88
1	1.05	1.00	.95	.91	1.01	.96	.92	.88	.90	.87	.83	.84	.81	.79	.79	.77	.75	.75	.75	.75	.72
2	.95	.86	.79	.73	.91	.83	.77	.71	.78	.72	.68	.73	.68	.64	.68	.65	.61	.61	.61	.58	.58
3	.86	.76	.67	.60	.83	.73	.65	.59	.68	.62	.56	.64	.59	.54	.60	.56	.52	.52	.52	.49	.49
4	.79	.67	.57	.51	.76	.64	.56	.50	.60	.53	.48	.57	.51	.46	.53	.48	.44	.44	.44	.41	.41
5	.72	.58	.49	.42	.69	.57	.48	.41	.53	.46	.40	.50	.43	.38	.47	.41	.37	.37	.37	.34	.34
6	.66	.52	.43	.36	.63	.50	.42	.36	.47	.40	.34	.45	.38	.33	.42	.36	.32	.32	.32	.30	.30
7	.60	.47	.38	.31	.58	.45	.37	.31	.42	.35	.30	.40	.33	.29	.38	.32	.28	.28	.28	.25	.25
8	.56	.42	.33	.27	.53	.40	.32	.26	.38	.31	.26	.36	.29	.25	.34	.28	.24	.24	.24	.22	.22
9	.51	.37	.29	.23	.49	.36	.28	.23	.34	.27	.22	.32	.26	.21	.30	.25	.20	.20	.20	.18	.18
10	.48	.34	.26	.20	.46	.33	.25	.20	.31	.24	.19	.29	.23	.19	.28	.22	.18	.18	.18	.16	.16

TESTED IN ACCORDANCE WITH CURRENT IES PROCEDURES

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LAMP TYPE : M350C835D24N12STC

ELECTRICAL CHARACTERISTICS 120.0V .4742A 53.393W

LUMINOUS EFFICACY (LUMENS / WATTS) = 62.1

TESTED IN ACCORDANCE WITH CURRENT IES STANDARDS
UTILIZING ABSOLUTE PHOTOMETRY PER LM-79-08

