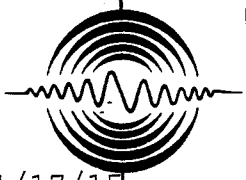


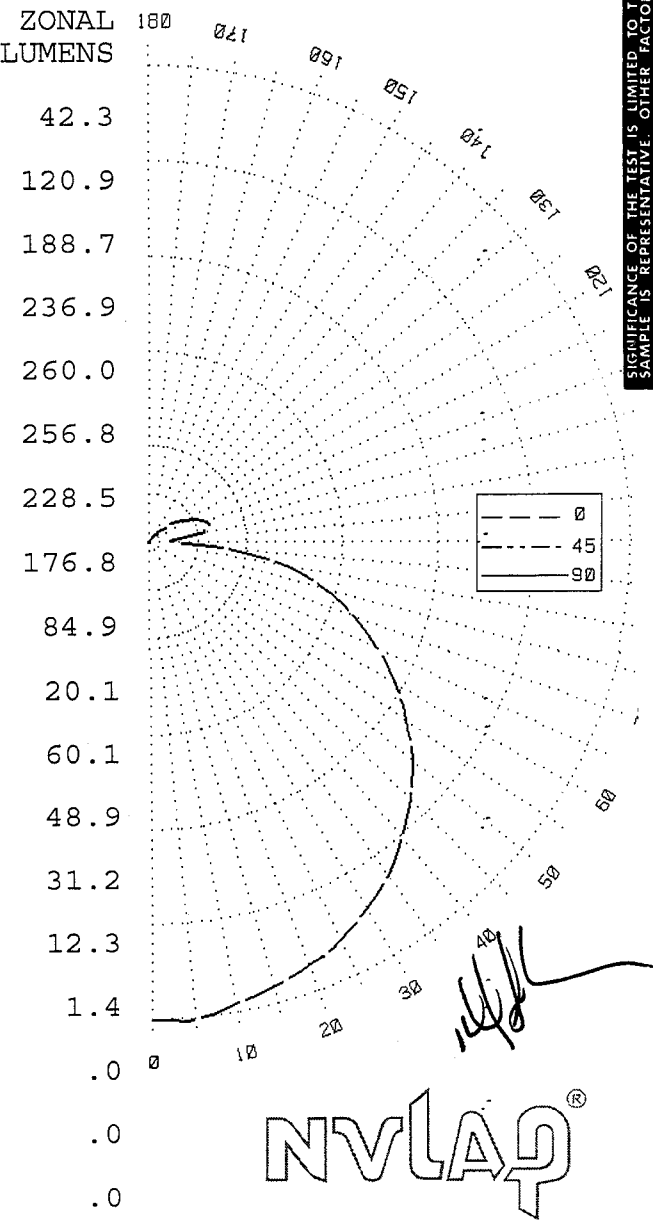
BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.

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



BALLABS CERTIFIED TEST REPORT NO.: 19166.0 DATE 11/17/15
PREPARED FOR: IMPACT ARCHITECTURAL LIGHTING - SAINT LOUIS, MO
DESCRIPTION: 12-12LED 6"ARRAYS 26"DIA WHT.WAL RING PENDANT LUMINAIRE
WHITE REFL w/1 PIECE .125"THK VIRGIN WHITE ACRYLIC INNER
BTM LENS 2 ROAL STRATO #RSLD035-7A
CATALOG NBR: P6326-35LO
LAMP TYPE : M350C835D12N06STC
CANDLEPOWER DISTRIBUTION

VERT ANG	AVERAGE CANDELA
0	442.
5	443.
10	434.
15	426.
20	417.
25	408.
30	393.
35	377.
40	357.
45	336.
50	313.
55	286.
60	260.
65	230.
70	201.
75	167.
80	130.
85	78.
90	24.
95	18.
100	47.
105	57.
110	54.
115	49.
120	41.
125	35.
130	26.
135	16.
140	11.
145	2.
150	0.
155	0.
160	0.
165	0.
170	0.
175	0.
180	0.



NVLAP®

NVLAP LAB CODE 200921-0

LUMEN SUMMARY							
ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	352.	NA.	19.9	90-120	129.	NA.	7.3
0- 40	589.	NA.	33.3	90-130	160.	NA.	9.1
0- 60	1106.	NA.	62.5	90-150	174.	NA.	9.8
0- 90	1596.	NA.	90.2	90-180	174.	NA.	9.8
TOTAL LUMINAIRE =				0-180	1770.	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.

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
 45 1335.
 55 1385.
 65 1481.
 75 1679.
 85 1916.

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	.00	
RCR																			
0	1.17	1.17	1.17	1.17	1.13	1.13	1.13	1.13	1.06	1.06	1.06	.99	.99	.99	.93	.93	.93	.90	
1	1.05	1.00	.95	.91	1.02	.97	.93	.89	.91	.87	.84	.85	.82	.80	.80	.78	.76	.73	
2	.95	.86	.79	.73	.91	.84	.77	.71	.78	.73	.68	.74	.69	.65	.69	.65	.62	.59	
3	.87	.75	.67	.60	.83	.73	.65	.59	.69	.62	.57	.65	.59	.54	.61	.56	.52	.50	
4	.79	.66	.57	.50	.76	.64	.56	.49	.61	.53	.48	.57	.51	.46	.54	.49	.44	.42	
5	.72	.58	.49	.42	.69	.57	.48	.41	.53	.46	.40	.50	.44	.39	.47	.42	.37	.35	
6	.66	.52	.43	.36	.63	.50	.42	.35	.48	.40	.34	.45	.38	.33	.42	.37	.32	.30	
7	.60	.46	.37	.31	.58	.45	.37	.31	.43	.35	.30	.40	.34	.29	.38	.32	.28	.26	
8	.56	.42	.33	.27	.53	.40	.32	.26	.38	.31	.25	.36	.30	.25	.34	.28	.24	.22	
9	.51	.37	.29	.23	.49	.36	.28	.23	.34	.27	.22	.32	.26	.21	.31	.25	.21	.19	
10	.48	.34	.26	.20	.46	.33	.25	.20	.31	.24	.19	.30	.23	.19	.28	.22	.18	.16	

TESTED IN ACCORDANCE WITH CURRENT IES PROCEDURES

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CATALOG NBR: P6326-35LO
LAMP TYPE : M350C835D12N06STC

ELECTRICAL CHARACTERISTICS 120.0V .2518A 27.959W

LUMINOUS EFFICACY (LUMENS / WATTS) = 63.3

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

