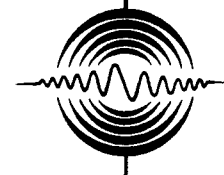


BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.

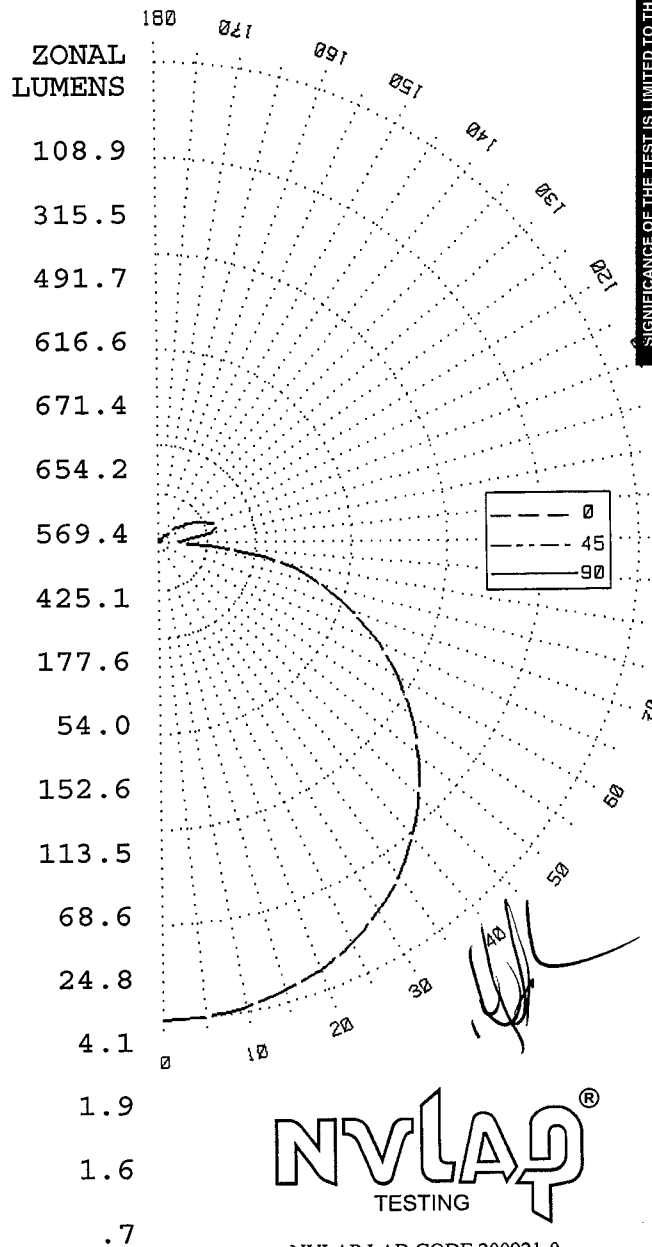
1618 HEADLAND DR.
FENTON, MO 63026
(636) 343-6006
(636) 343-6051 FAX



BALLABS CERTIFIED TEST REPORT NO.: 19611.0 DATE 12/13/16
PREPARED FOR: IMPACT ARCHITECTURAL LIGHTING - SAINT LOUIS, MO
DESCRIPTION: 12-24LED 6"ARRAYS 26"DIA WHT.WAL RING PENDANT LUMINAIRE
WHITE REFL w/1PIECE .125"THK VIRGIN WHITE ACRYLIC INNER &
BTM LENS 2 ROAL STRATO #RSLD035-06
CATALOG NBR: P6326-40HI-PTD
LAMP TYPE : LM-700-06-40K

CANDLEPOWER DISTRIBUTION

VERT ANG	AVERAGE CANDELA
0	1145.
5	1141.
10	1131.
15	1113.
20	1091.
25	1062.
30	1024.
35	981.
40	927.
45	867.
50	800.
55	729.
60	653.
65	574.
70	488.
75	402.
80	309.
85	163.
90	50.
95	49.
100	120.
105	144.
110	133.
115	114.
120	96.
125	76.
130	55.
135	32.
140	17.
145	7.
150	4.
155	4.
160	6.
165	6.
170	7.
175	8.
180	9.



NVLAP[®]
TESTING

NVLAP LAB CODE 200921-0

LUMEN SUMMARY

ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	916.	NA.	20.6	90-120	320.	NA.	7.2
0- 40	1533.	NA.	34.4	90-130	389.	NA.	8.7
0- 60	2858.	NA.	64.2	90-150	418.	NA.	9.4
0- 90	4031.	NA.	90.5	90-180	422.	NA.	9.5
TOTAL LUMINAIRE =				0-180	4452.	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
 0

VERT
 ANGLE

45	3594.
55	3670.
65	3820.
75	4141.
85	3972.

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	1.17	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	.93	.93	.93	.91
1	1.06	1.01	.96	.92	1.02	.98	.93	.90	.92	.88	.85	.86	.83	.81	.81	.79	.77	.74	.74	.74	.74
2	.96	.87	.80	.74	.92	.84	.78	.72	.79	.74	.69	.75	.70	.66	.70	.67	.63	.61	.61	.61	.61
3	.87	.76	.68	.61	.84	.74	.66	.60	.70	.63	.58	.66	.60	.56	.62	.57	.53	.51	.51	.51	.51
4	.80	.67	.58	.51	.76	.65	.57	.50	.62	.54	.49	.58	.52	.47	.55	.50	.45	.43	.43	.43	.43
5	.72	.59	.50	.43	.69	.57	.49	.42	.54	.47	.41	.51	.45	.40	.48	.43	.38	.36	.36	.36	.36
6	.66	.53	.43	.37	.64	.51	.42	.36	.48	.41	.35	.46	.39	.34	.43	.37	.33	.31	.31	.31	.31
7	.61	.47	.38	.32	.59	.46	.37	.31	.43	.36	.30	.41	.34	.29	.39	.33	.29	.26	.26	.26	.26
8	.56	.42	.33	.27	.54	.41	.33	.27	.39	.31	.26	.37	.30	.25	.35	.29	.25	.23	.23	.23	.23
9	.52	.38	.29	.23	.50	.37	.29	.23	.35	.28	.22	.33	.26	.22	.31	.25	.21	.19	.19	.19	.19
10	.48	.34	.26	.21	.46	.33	.26	.20	.32	.25	.20	.30	.24	.19	.28	.23	.19	.17	.17	.17	.17

TESTED IN ACCORDANCE WITH CURRENT IES PROCEDURES

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LAMP TYPE : LM-700-06-40K

ELECTRICAL CHARACTERISTICS 120.0V .4788A 54.099W

LUMINOUS EFFICACY (LUMENS / WATTS) = 82.3

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

