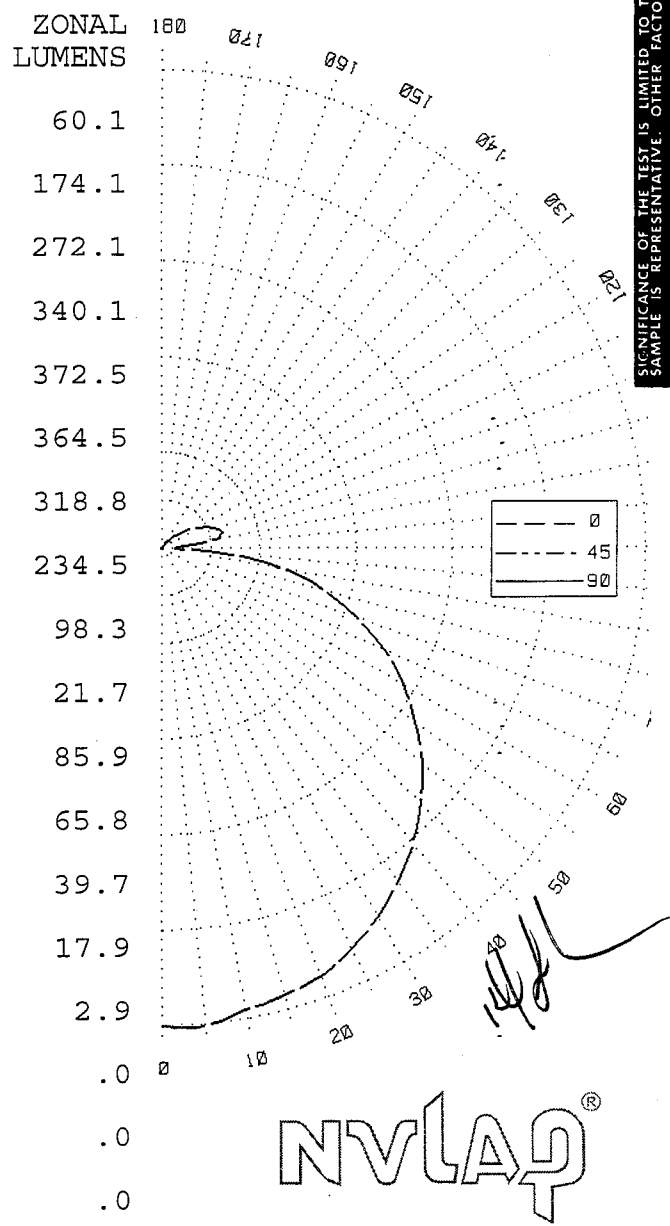


BALLABS CERTIFIED TEST REPORT NO.: 19169.0 DATE 11/23/15  
PREPARED FOR: IMPACT ARCHITECTURAL LIGHTING - SAINT LOUIS, MO  
DESCRIPTION: 16-12LED 6"ARRAYS 38"DIA WHT.WAL RING PENDANT LUMINAIRE  
WHITE REFL w/1PIECE .125"THK VIRGIN WHITE ACRYLIC INNER &  
BTM LENS ROAL STRATO #RSLD035-05  
CATALOG NBR: P6338-35LO  
LAMP TYPE : M350C835D12N06STC  
CANDLEPOWER DISTRIBUTION

VERT ANG	AVERAGE CANDELA
0	634.
5	630.
10	622.
15	614.
20	604.
25	588.
30	567.
35	541.
40	513.
45	481.
50	446.
55	406.
60	367.
65	321.
70	272.
75	222.
80	167.
85	90.
90	16.
95	20.
100	71.
105	81.
110	76.
115	66.
120	55.
125	44.
130	33.
135	23.
140	14.
145	5.
150	2.
155	0.
160	0.
165	0.
170	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	506.	NA.	20.5	90-120	173.	NA.	7.0
0- 40	846.	NA.	34.3	90-130	213.	NA.	8.6
0- 60	1583.	NA.	64.1	90-150	234.	NA.	9.5
0- 90	2235.	NA.	90.5	90-180	234.	NA.	9.5
TOTAL LUMINAIRE =				0-180	2469.	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	928.
55	957.
65	1012.
75	1105.
85	1159.

\*\*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	.91	.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	.63	.63	.63	.61
3	.87	.76	.68	.61	.84	.74	.66	.60	.70	.63	.58	.66	.60	.56	.62	.57	.53	.53	.53	.53	.51
4	.79	.67	.58	.51	.76	.65	.57	.50	.61	.54	.49	.58	.52	.47	.55	.50	.45	.45	.45	.45	.43
5	.72	.59	.50	.43	.69	.57	.49	.42	.54	.47	.41	.51	.45	.39	.48	.43	.38	.38	.38	.38	.36
6	.66	.52	.43	.37	.64	.51	.42	.36	.48	.41	.35	.46	.39	.34	.43	.37	.33	.33	.33	.33	.31
7	.61	.47	.38	.32	.59	.46	.37	.31	.43	.36	.30	.41	.34	.29	.39	.33	.29	.29	.29	.29	.26
8	.56	.42	.33	.27	.54	.41	.33	.27	.39	.31	.26	.37	.30	.25	.35	.29	.25	.25	.25	.25	.23
9	.52	.38	.29	.23	.50	.37	.29	.23	.35	.27	.22	.33	.26	.22	.31	.25	.21	.21	.21	.21	.19
10	.48	.34	.26	.21	.46	.33	.26	.20	.32	.25	.20	.30	.24	.19	.28	.23	.19	.19	.19	.19	.17

TESTED IN ACCORDANCE WITH CURRENT IES PROCEDURES

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ELECTRICAL CHARACTERISTICS 120.0V .2845A 33.428W

LUMINOUS EFFICACY (LUMENS / WATTS) = 73.9

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

