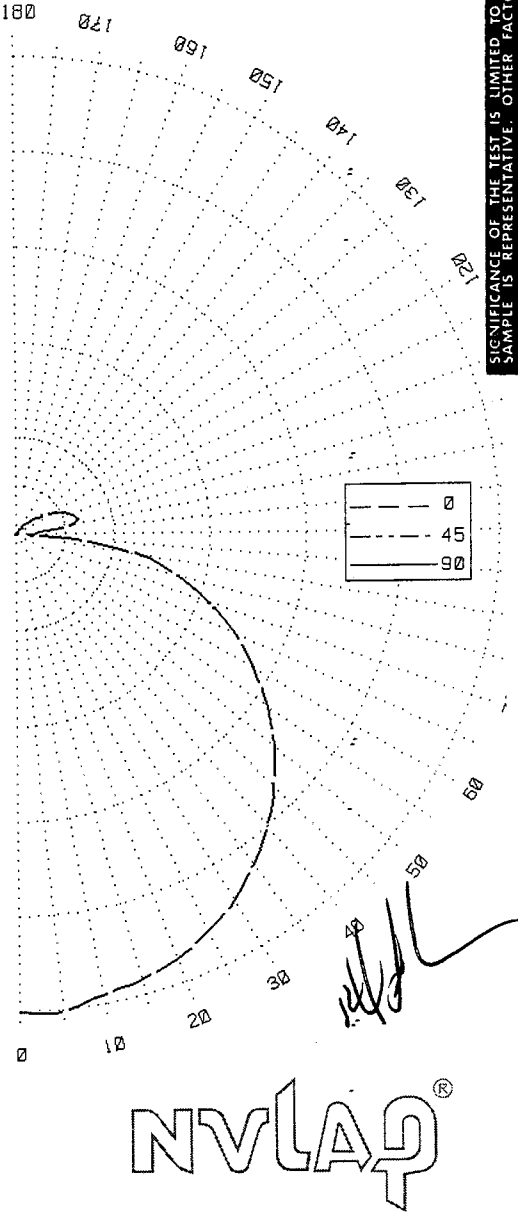


BALLABS CERTIFIED TEST REPORT NO.: 19170.0 DATE 11/23/19
PREPARED FOR: IMPACT ARCHITECTURAL LIGHTING - SAINT LOUIS, MO
DESCRIPTION: 16-24LED 6"ARRAYS 38"DIA WHT.WAL RING PENDANT LUMINAIRE
WHITE REFL w/1PIECE .125"THK VIRGIN WHITE ACRYLIC INNER &
BTM LENS 4 ROAL STRATO #RSLD035-03
CATALOG NBR: P6338-35HI
LAMP TYPE : M700C835D24N06STC
CANDLEPOWER DISTRIBUTION

VERT ANG	AVERAGE CANDELA	ZONAL LUMENS
0	1292.	122.7
5	1285.	354.1
10	1265.	550.5
15	1249.	686.8
20	1224.	750.1
25	1189.	734.0
30	1148.	637.8
35	1093.	470.6
40	1036.	174.0
45	969.	66.2
50	897.	174.5
55	818.	136.0
60	730.	81.6
65	643.	38.3
70	543.	8.7
75	445.	.0
80	336.	.0
85	160.	.0
90	28.	.0
95	61.	.0
100	156.	.0
105	165.	.0
110	155.	.0
115	137.	.0
120	114.	.0
125	91.	.0
130	69.	.0
135	49.	.0
140	31.	.0
145	14.	.0
150	3.	.0
155	0.	.0
160	0.	.0
165	0.	.0
170	0.	.0
175	0.	.0
180	0.	.0



NVLAP®

NVLAP LAB CODE 200921-0

LUMEN SUMMARY							
ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	1027.	NA.	20.6	90-120	377.	NA.	7.6
0- 40	1714.	NA.	34.4	90-130	458.	NA.	9.2
0- 60	3198.	NA.	64.1	90-150	505.	NA.	10.1
0- 90	4481.	NA.	89.9	90-180	505.	NA.	10.1
TOTAL LUMINAIRE =				0-180	4986.	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.

BALLABS CERTIFIED TEST REPORT NO.: 19170.0 DATE 11/23/15
 PREPARED FOR: IMPACT ARCHITECTURAL LIGHTING - SAINT LOUIS, MO
 DESCRIPTION: 16-24LED 6"ARRAYS 38"DIA WHT.WAL RING PENDANT LUMINAIRE
 WHITE REFL w/1PIECE .125"THK VIRGIN WHITE ACRYLIC INNER &
 BTM LENS 4 ROAL STRATO #RSLD035-03
 CATALOG NBR: P6338-35HI
 LAMP TYPE : M700C835D24N06STC

LUMINANCES-CD/SQ-M
 HORIZONTAL ANGLE

VERT	0
ANGLE	
45	1868.
55	1928.
65	2025.
75	2218.
85	2051.

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	1.05	1.05	1.05	.99	.99	.99	.93	.93	.93	.90
1	1.06	1.01	.96	.92	1.02	.98	.93	.90	.91	.88	.85	.86	.83	.81	.81	.79	.77	.74
2	.96	.87	.80	.74	.92	.84	.78	.72	.79	.74	.69	.75	.70	.66	.70	.67	.63	.61
3	.87	.76	.68	.61	.84	.74	.66	.60	.70	.63	.58	.66	.60	.56	.62	.57	.53	.51
4	.80	.67	.58	.52	.76	.65	.57	.51	.62	.54	.49	.58	.52	.47	.55	.50	.45	.43
5	.72	.59	.50	.43	.69	.57	.49	.42	.54	.47	.41	.51	.45	.40	.48	.43	.38	.36
6	.66	.53	.43	.37	.64	.51	.43	.36	.48	.41	.35	.46	.39	.34	.43	.37	.33	.31
7	.61	.47	.38	.32	.59	.46	.37	.31	.43	.36	.30	.41	.34	.29	.39	.33	.29	.26
8	.56	.42	.33	.27	.54	.41	.33	.27	.39	.31	.26	.37	.30	.25	.35	.29	.25	.23
9	.52	.38	.29	.24	.50	.37	.29	.23	.35	.28	.23	.33	.26	.22	.31	.25	.21	.19
10	.48	.34	.26	.21	.46	.33	.26	.20	.32	.25	.20	.30	.24	.19	.28	.23	.19	.17

TESTED IN ACCORDANCE WITH CURRENT IES PROCEDURES

BALLABS CERTIFIED TEST REPORT NO.: 19170.0 DATE 11/23/15
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CATALOG NBR: P6338-35HI
LAMP TYPE : M700C835D24N06STC

ELECTRICAL CHARACTERISTICS 120.0V .6421A 72.376W

LUMINOUS EFFICACY (LUMENS / WATTS) = 68.9

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

