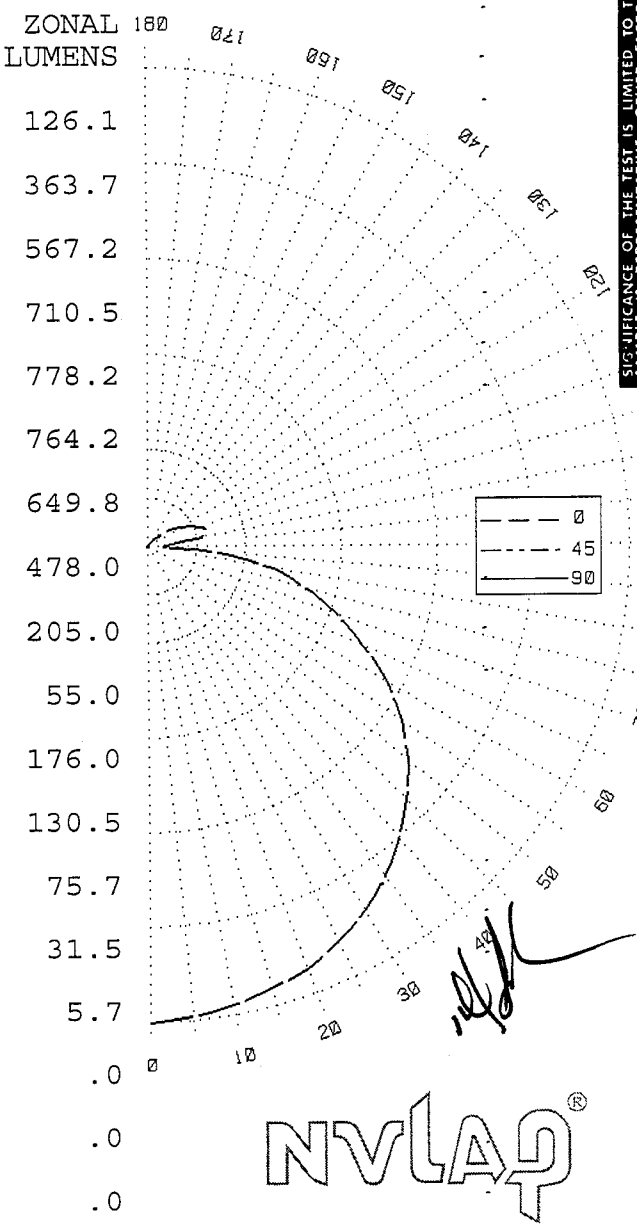


BALLABS CERTIFIED TEST REPORT NO.: 19185.0 DATE 12/02/15
PREPARED FOR: IMPACT ARCHITECTURAL LIGHTING - SAINT LOUIS, MO
DESCRIPTION: 16-24LED 6"ARRAYS 38"DIA WHT.WAL RING PENDANT LUMINAIRE
WHITE REFL w/1 PIECE .125"THK VIRGIN WHITE ACRYLIC INNER
BTM LENS 4 ROAL STRATO #RSLD035-03
CATALOG NBR: P6338-40HI
LAMP TYPE : M700C840D24N06STC
CANDLEPOWER DISTRIBUTION

VERT ANG	AVERAGE CANDELA
0	1334.
5	1321.
10	1304.
15	1283.
20	1259.
25	1225.
30	1182.
35	1131.
40	1072.
45	1005.
50	934.
55	852.
60	761.
65	655.
70	556.
75	452.
80	347.
85	188.
90	41.
95	50.
100	152.
105	166.
110	155.
115	132.
120	108.
125	84.
130	59.
135	41.
140	25.
145	9.
150	0.
155	0.
160	0.
165	0.
170	0.
175	0.
180	0.



LUMEN SUMMARY

NVLAP LAB CODE 200921-0

ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	1057.	NA.	20.7	90-120	361.	NA.	7.1
0- 40	1768.	NA.	34.5	90-130	437.	NA.	8.5
0- 60	3310.	NA.	64.7	90-150	474.	NA.	9.3
0- 90	4643.	NA.	90.7	90-180	474.	NA.	9.3
TOTAL LUMINAIRE =				0-180	5117.	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.: 19185.0 DATE 12/02/15
 PREPARED FOR: IMPACT ARCHITECTURAL LIGHTING - SAINT LOUIS, MO
 DESCRIPTION: 16-24LED 6"ARRAYS 38"DIA WHT.WAL RING PENDANT LUMINAIRE
 WHITE REFL w/1 PIECE .125"THK VIRGIN WHITE ACRYLIC INNER
 BTM LENS 4 ROAL STRATO #RSLD035-03
 CATALOG NBR: P6338-40HI
 LAMP TYPE : M700C840D24N06STC

LUMINANCES-CD/SQ-M
 HORIZONTAL ANGLE

VERT
 ANGLE

0

45	1913.
55	1981.
65	2037.
75	2224.
85	2387.

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	.94	.94	.94	.91
1	1.06	1.01	.96	.92	1.02	.98	.93	.90	.92	.88	.85	.86	.83	.81	.81	.79	.77	.74
2	.96	.87	.80	.74	.92	.85	.78	.72	.79	.74	.69	.75	.70	.66	.70	.67	.64	.61
3	.87	.76	.68	.61	.84	.74	.66	.60	.70	.63	.58	.66	.60	.56	.62	.58	.54	.51
4	.80	.67	.58	.51	.77	.65	.57	.51	.62	.55	.49	.58	.52	.47	.55	.50	.46	.43
5	.72	.59	.50	.43	.70	.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	.38	.33	.31
7	.61	.47	.38	.32	.59	.46	.37	.31	.43	.36	.30	.41	.35	.30	.39	.33	.29	.27
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	.27	.22	.31	.26	.21	.19
10	.48	.34	.26	.21	.46	.33	.26	.20	.32	.25	.20	.30	.24	.19	.29	.23	.19	.17

TESTED IN ACCORDANCE WITH CURRENT IES PROCEDURES

BALLABS CERTIFIED TEST REPORT NO.: 19185.0 DATE 12/02/15
 PREPARED FOR: IMPACT ARCHITECTURAL LIGHTING - SAINT LOUIS, MO
 DESCRIPTION: 16-24LED 6"ARRAYS 38"DIA WHT.WAL RING PENDANT LUMINAIRE
 WHITE REFL w/1 PIECE .125"THK VIRGIN WHITE ACRYLIC INNER
 BTM LENS 4 ROAL STRATO #RSLD035-03
 CATALOG NBR: P6338-40HI
 LAMP TYPE : M700C840D24N06STC

ELECTRICAL CHARACTERISTICS 120.0V .6328A 71.515W

LUMINOUS EFFICACY (LUMENS / WATTS) = 71.6

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

