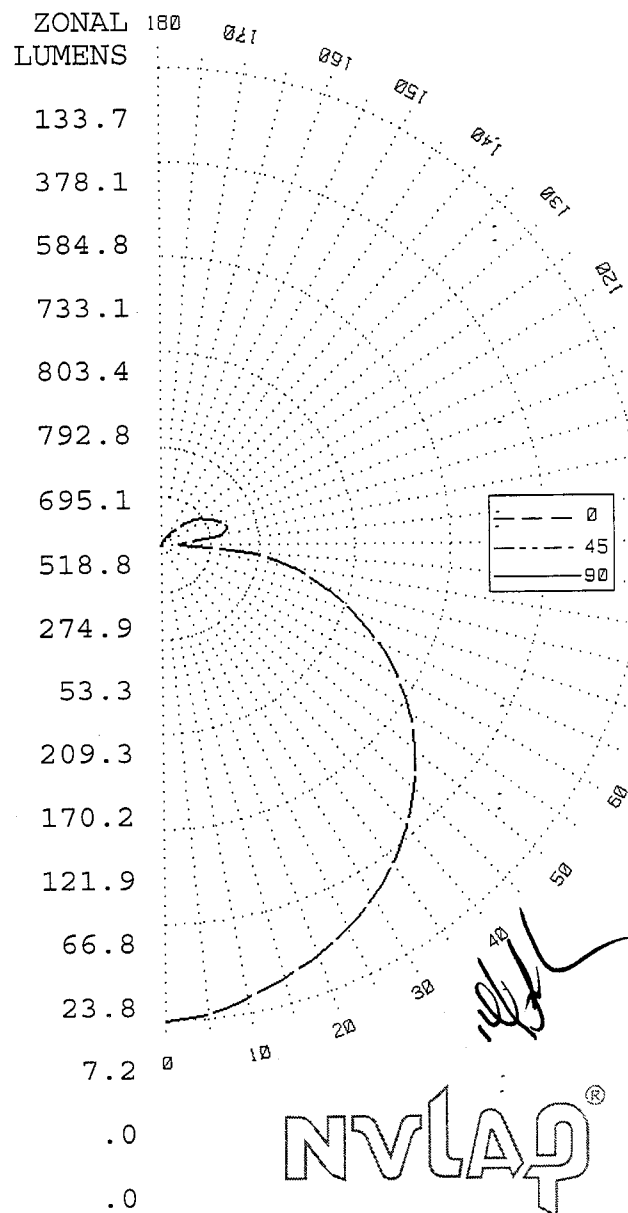


BALLABS CERTIFIED TEST REPORT NO.: 19187.0 DATE 12/03/15
PREPARED FOR: IMPACT ARCHITECTURAL LIGHTING - SAINT LOUIS, MO
DESCRIPTION: 12-48LED 11.625"ARRAYS 48"DIA WHT.WAL PENDANT LUMINAIRE
WHITE REFL w/1 PIECE .125"THK VIRGIN WHITE ACRYLIC INNER
BTM LENS 4 ROAL STRATO #RSLD035-6A

CATALOG NBR: P6348-35HI
LAMP TYPE : M700C835D48N12STC
CANDLEPOWER DISTRIBUTION

VERT ANG	AVERAGE CANDELA
0	1414.
5	1400.
10	1367.
15	1334.
20	1301.
25	1264.
30	1219.
35	1167.
40	1105.
45	1037.
50	962.
55	884.
60	794.
65	700.
70	597.
75	490.
80	387.
85	252.
90	54.
95	49.
100	177.
105	198.
110	187.
115	171.
120	152.
125	136.
130	114.
135	86.
140	60.
145	38.
150	30.
155	16.
160	4.
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	1097.	NA.	19.7	90-120	433.	NA.	7.8
0- 40	1830.	NA.	32.9	90-130	555.	NA.	10.0
0- 60	3426.	NA.	61.5	90-150	645.	NA.	11.6
0- 90	4915.	NA.	88.3	90-180	652.	NA.	11.7

TOTAL LUMINAIRE = 0-180 5567. 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	1266.
55	1320.
65	1403.
75	1564.
85	2126.

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	1.16	1.16	1.16	1.16	1.12	1.12	1.12	1.12	1.05	1.05	1.05	.98	.98	.98	.91	.91	.91	.88
1	1.05	1.00	.95	.91	1.01	.96	.92	.88	.90	.86	.83	.84	.81	.79	.79	.76	.74	.71
2	.95	.86	.79	.73	.91	.83	.77	.71	.78	.72	.67	.73	.68	.64	.68	.64	.61	.58
3	.86	.75	.67	.60	.83	.73	.65	.59	.68	.62	.56	.64	.58	.54	.60	.55	.52	.49
4	.79	.66	.57	.50	.75	.64	.56	.49	.60	.53	.48	.57	.51	.46	.53	.48	.44	.41
5	.72	.58	.49	.42	.69	.56	.48	.41	.53	.46	.40	.50	.43	.38	.47	.41	.37	.34
6	.66	.52	.43	.36	.63	.50	.42	.35	.47	.40	.34	.44	.38	.33	.42	.36	.32	.29
7	.60	.46	.37	.31	.58	.45	.37	.31	.42	.35	.30	.40	.33	.29	.38	.32	.27	.25
8	.56	.42	.33	.27	.53	.40	.32	.26	.38	.31	.25	.36	.29	.25	.34	.28	.24	.22
9	.51	.37	.29	.23	.49	.36	.28	.23	.34	.27	.22	.32	.26	.21	.30	.25	.20	.18
10	.48	.34	.26	.20	.46	.33	.25	.20	.31	.24	.19	.29	.23	.19	.28	.22	.18	.16

TESTED IN ACCORDANCE WITH CURRENT IES PROCEDURES

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LAMP TYPE : M700C835D48N12STC

ELECTRICAL CHARACTERISTICS 120.0V .8391A 96.107W

LUMINOUS EFFICACY (LUMENS / WATTS) = 57.9

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

