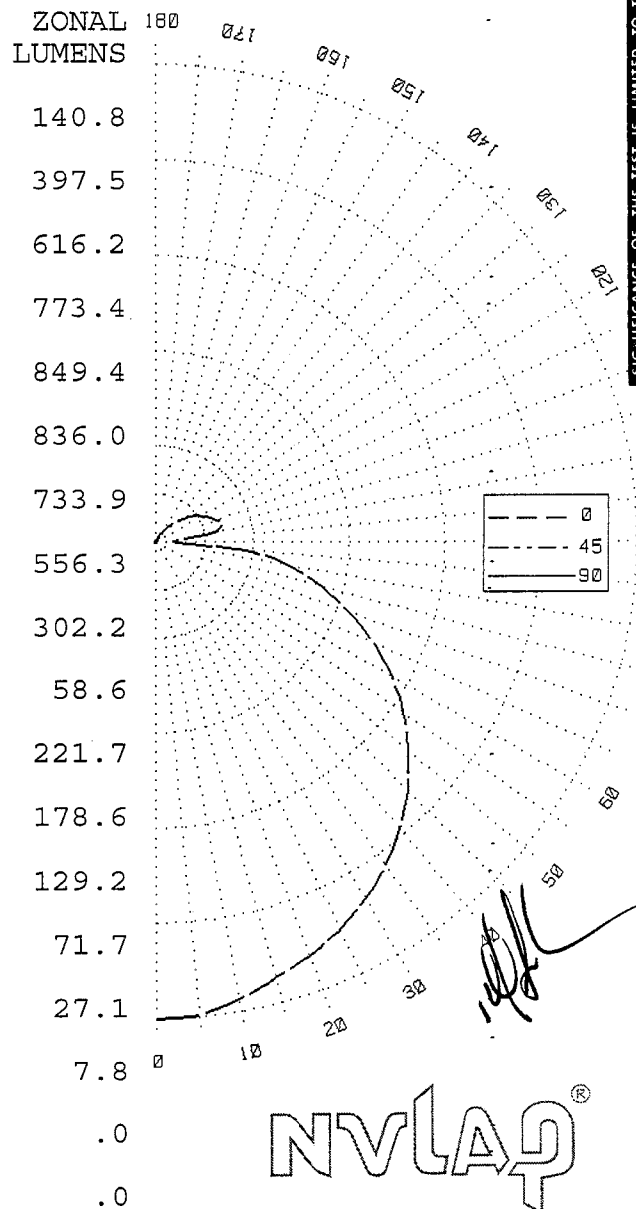


BALLABS CERTIFIED TEST REPORT NO.: 19188.0 DATE 12/04/15
PREPARED FOR: IMPACT ARCHITECTURAL LIGHTING - SAINT LOUIS, MO
DESCRIPTION: 12-48LED 11.625"ARRAYS 48"DIA WHT.WAL PENDANT LUMINAIRE
WHITE REFL w/1 PIECE .125"THK VIRGIN WHITE ACRYLIC INNER
BTM LENS 4 ROAL STRATO #RSLD035-6A

CATALOG NBR: P6348-40HI
LAMP TYPE : M700C840D48N12STC
CANDLEPOWER DISTRIBUTION

VERT ANG	AVERAGE CANDELA
0	1483.
5	1475.
10	1441.
15	1402.
20	1367.
25	1331.
30	1284.
35	1231.
40	1168.
45	1097.
50	1016.
55	932.
60	841.
65	739.
70	633.
75	526.
80	417.
85	277.
90	60.
95	54.
100	180.
105	210.
110	198.
115	180.
120	161.
125	144.
130	119.
135	93.
140	65.
145	43.
150	31.
155	17.
160	7.
165	0.
170	0.
175	0.
180	0.



NVLAP®

NVLAP LAB CODE 200921-0

LUMEN SUMMARY							
ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	1154.	NA.	19.6	90-120	459.	NA.	7.8
0- 40	1928.	NA.	32.7	90-130	588.	NA.	10.0
0- 60	3613.	NA.	61.2	90-150	687.	NA.	11.6
0- 90	5206.	NA.	88.2	90-180	695.	NA.	11.8

TOTAL LUMINAIRE = 0-180 5900. 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
 ANGLE
 45 1338.
 55 1392.
 65 1481.
 75 1677.
 85 2338.

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

TESTED IN ACCORDANCE WITH CURRENT IES PROCEDURES

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LAMP TYPE : M700C840D48N12STC

ELECTRICAL CHARACTERISTICS 120.0V .8509A 97.783W

LUMINOUS EFFICACY (LUMENS / WATTS) = 60.3

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

