



IES INDOOR REPORT
PHOTOMETRIC FILENAME : AIOCSBX96LED96DMVSA40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] AIOCSBX96LED96DMVSA40
 [TESTDATE] 08-Sep-2017 12:38:44
 [TESTLAB] Radiant Vision Systems ProSource
 [ISSUE DATE] 9/8/2017 1:31:16 PM
 [MANUFAC] Mobern Lighting Co.
 [LAMP] LED Module
 [_TOTALLUMINAIRELUMENS] 8658.5
 [_NUMBEROFRAYS]10000000
 [DRIVER TYPE] FIXTURE RECEIVED COMPLETE
 [BOARD TYPE] FIXTURE RECEIVED COMPLETE
 [COLOR TEMP] 4,015
 [LUMEN/WATT] 87
 [CRI] 83.3
 [OTHER] Absolute Photometry measurement

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	8664
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	87
Total Luminaire Watts	99.3
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.12
Spacing Criterion (Diagonal)	1.26
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	2.44 m
Luminous Width (90-270)	0.09 m
Luminous Height	0.09 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	12967	7351	6079
55	11861	5559	4505
65	9837	3892	3012
75	8268	2197	1633
85	4229	599	392

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CANDELA TABULATION

	<u>0</u>	<u>10</u>	<u>20</u>	<u>30</u>	<u>40</u>	<u>50</u>	<u>60</u>	<u>70</u>	<u>80</u>	<u>90</u>
0	3632.48	3632.48	3632.48	3632.48	3632.48	3632.48	3632.48	3632.48	3632.48	3632.48
3	3609.41	3610.10	3609.97	3614.98	3614.33	3616.16	3618.34	3619.68	3620.50	3621.34
6	3570.21	3568.24	3572.23	3574.76	3575.67	3576.16	3579.03	3579.33	3578.91	3578.46
9	3533.21	3527.28	3524.62	3517.61	3517.53	3518.13	3519.61	3521.47	3522.18	3519.54
12	3482.43	3473.52	3460.64	3450.22	3450.97	3445.09	3442.08	3441.43	3443.30	3441.70
15	3401.06	3393.92	3387.89	3374.01	3362.67	3355.38	3347.99	3348.55	3340.89	3340.25
18	3304.47	3310.32	3300.79	3294.89	3269.71	3249.98	3242.67	3244.56	3233.93	3223.39
21	3208.57	3206.65	3204.17	3199.09	3163.89	3128.04	3129.55	3134.11	3113.51	3100.29
24	3099.91	3091.51	3085.28	3063.06	3031.14	3000.50	3009.30	3003.45	2979.33	2972.15
27	2965.47	2974.86	2954.07	2932.04	2895.89	2872.59	2887.59	2856.20	2833.60	2837.67
30	2823.50	2846.02	2822.43	2798.07	2753.02	2724.35	2737.33	2701.20	2684.00	2694.03
33	2693.79	2689.59	2685.76	2657.78	2611.64	2578.67	2579.35	2540.09	2524.66	2539.30
36	2570.55	2516.23	2537.43	2498.90	2452.56	2428.28	2425.49	2398.58	2364.51	2375.93
39	2439.91	2354.85	2388.85	2302.57	2292.92	2268.78	2246.20	2249.72	2212.69	2208.35
42	2281.90	2206.01	2226.18	2147.28	2157.71	2106.53	2073.86	2061.14	2052.21	2044.13
45	2088.67	2066.85	2064.45	1995.12	2014.16	1944.21	1903.26	1890.37	1892.78	1888.77
48	1904.74	1919.45	1909.44	1825.77	1849.75	1777.59	1743.59	1751.01	1741.97	1737.74
51	1767.38	1755.90	1722.70	1662.54	1675.89	1615.41	1601.91	1605.44	1599.41	1585.20
54	1632.72	1581.13	1564.02	1498.24	1505.12	1462.96	1456.75	1451.76	1441.39	1430.34
57	1454.65	1422.96	1388.06	1386.92	1354.54	1313.54	1318.73	1291.13	1288.32	1274.23
60	1259.17	1252.40	1232.15	1196.90	1195.91	1165.15	1168.34	1137.87	1135.97	1120.72
63	1083.58	1082.94	1110.51	1045.78	1030.36	1018.22	1017.85	995.30	987.30	973.44
66	936.50	927.03	941.84	909.01	888.86	875.63	860.57	851.14	836.67	832.17
69	813.24	773.14	754.42	748.69	744.16	723.46	708.13	707.69	696.27	696.11
72	686.71	636.46	594.98	607.84	613.42	584.12	570.99	572.77	570.92	565.23
75	534.86	495.41	462.47	469.48	476.48	457.04	433.19	435.41	440.16	439.27
78	377.02	353.35	332.11	339.50	345.94	329.40	313.55	305.42	311.40	317.08
81	256.58	240.36	243.01	247.33	249.24	240.34	222.43	220.81	210.48	214.79
84	142.33	144.95	130.57	145.73	130.69	135.70	124.34	121.01	116.85	118.29
87	60.70	62.61	55.06	56.97	56.46	56.25	52.48	48.10	47.71	43.50
90	12.28	17.22	15.62	13.87	12.82	9.80	6.29	9.68	6.82	4.80
93	0.87	3.18	1.82	4.65	1.72	2.46	1.57	0.95	1.80	1.05
96	0.20	0.34	0.32	0.41	0.33	0.55	0.18	0.10	0.16	0.22
99	0.44	0.10	0.04	0.62	0.07	0.26	0.36	0.24	0.01	0.06
102	0.74	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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CANDELA TABULATION - (Cont.)

162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Horizontal Angles
Angles

	100	110	120	130	140	150	160	170	180	190
0	3632.48	3632.48	3632.48	3632.48	3632.48	3632.48	3632.48	3632.48	3632.48	3632.48
3	3620.99	3620.82	3620.36	3619.37	3619.10	3620.81	3618.13	3619.64	3620.39	3620.37
6	3576.79	3576.32	3576.80	3576.20	3578.70	3580.93	3581.59	3580.61	3586.09	3592.06
9	3514.43	3508.50	3507.09	3513.54	3523.44	3531.61	3538.93	3540.55	3547.72	3556.30
12	3432.79	3422.22	3421.87	3437.48	3462.49	3477.19	3490.94	3501.90	3510.40	3512.66
15	3341.04	3342.69	3335.57	3345.66	3366.43	3390.96	3419.60	3448.69	3471.69	3458.27
18	3245.51	3261.17	3251.17	3246.41	3250.37	3272.15	3299.89	3371.31	3412.64	3389.11
21	3116.52	3152.19	3154.19	3144.19	3145.92	3148.27	3166.51	3242.92	3317.65	3269.37
24	2965.62	3010.04	3043.11	3043.17	3046.85	3031.67	3035.05	3094.10	3201.47	3105.97
27	2827.50	2867.04	2914.76	2912.95	2938.72	2938.59	2940.53	2935.80	3081.61	2959.54
30	2696.11	2713.93	2733.41	2728.93	2782.42	2820.15	2795.68	2788.03	2957.00	2765.19
33	2535.46	2537.41	2550.96	2568.82	2611.46	2686.84	2688.67	2621.88	2823.27	2606.89
36	2358.58	2390.46	2414.91	2445.31	2431.17	2518.55	2583.92	2444.92	2682.29	2457.64
39	2201.71	2259.09	2269.30	2309.66	2274.57	2321.09	2453.24	2280.03	2536.26	2304.78
42	2046.94	2083.97	2097.31	2131.92	2140.03	2174.75	2265.89	2122.85	2382.68	2144.85
45	1885.72	1898.10	1931.76	1954.86	1969.46	2047.94	2045.55	1983.71	2219.43	2000.28
48	1724.56	1737.45	1794.12	1800.25	1792.31	1914.79	1846.30	1853.96	2050.85	1865.46
51	1576.78	1584.16	1646.55	1642.75	1652.01	1759.79	1650.63	1722.74	1880.72	1741.41
54	1423.79	1440.57	1482.26	1472.06	1509.28	1576.04	1500.77	1601.98	1704.20	1599.49
57	1279.82	1294.13	1330.43	1308.62	1366.30	1411.68	1342.40	1447.16	1518.56	1440.74
60	1134.18	1145.57	1156.63	1148.51	1200.84	1245.55	1189.13	1278.63	1337.23	1271.28
63	989.19	1004.00	992.03	994.78	1038.35	1081.65	1055.67	1127.95	1172.16	1113.73
66	841.11	857.12	841.01	859.21	903.37	924.19	867.53	979.43	1014.03	956.33
69	696.58	702.25	696.72	721.07	753.91	753.95	723.74	816.13	852.22	795.92
72	563.11	558.34	562.10	583.38	618.54	607.51	586.71	645.25	692.76	630.05
75	430.75	422.54	428.02	451.93	480.03	468.13	455.55	479.82	543.13	486.39
78	308.90	297.27	312.24	323.05	344.67	338.91	333.22	354.61	399.71	359.34
81	207.63	201.86	208.28	218.98	223.68	224.15	220.67	219.22	249.39	213.99
84	116.64	109.63	113.12	121.12	116.11	126.18	116.50	130.33	136.01	124.77
87	44.70	44.50	38.82	43.62	51.23	42.95	38.87	50.14	56.37	49.38
90	9.15	7.46	8.28	7.14	9.67	8.73	8.52	11.84	14.20	8.26
93	0.63	0.58	1.14	0.94	1.18	2.76	3.39	4.32	0.89	0.64
96	0.15	0.10	0.23	0.19	0.25	0.27	0.16	0.52	0.98	0.04
99	0.00	0.34	0.41	0.15	0.27	0.35	0.11	0.02	0.13	0.00
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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CANDELA TABULATION - (Cont.)

135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Angles **Horizontal Angles**

	<u>200</u>	<u>210</u>	<u>220</u>	<u>230</u>	<u>240</u>	<u>250</u>	<u>260</u>	<u>270</u>	<u>280</u>	<u>290</u>
0	3632.48	3632.48	3632.48	3632.48	3632.48	3632.48	3632.48	3632.48	3632.48	3632.48
3	3619.64	3620.19	3617.96	3614.45	3610.71	3606.62	3602.89	3601.07	3599.27	3599.55
6	3602.27	3607.64	3606.92	3601.04	3589.68	3574.29	3562.04	3553.66	3552.40	3556.89
9	3572.70	3580.26	3585.35	3579.23	3562.16	3542.59	3526.69	3516.73	3515.54	3520.90
12	3513.14	3514.06	3518.54	3507.72	3495.16	3483.34	3480.20	3478.77	3474.77	3472.94
15	3435.49	3410.86	3395.44	3391.85	3386.39	3392.14	3405.30	3420.05	3414.19	3405.36
18	3325.69	3293.53	3270.91	3277.33	3278.66	3283.42	3308.80	3327.72	3330.54	3313.63
21	3206.35	3178.42	3172.14	3181.32	3189.65	3184.61	3186.98	3196.88	3208.94	3205.39
24	3076.56	3065.21	3080.33	3083.71	3089.82	3076.99	3055.39	3046.73	3063.32	3072.76
27	2971.14	2980.00	2990.69	2958.59	2961.95	2933.66	2913.91	2897.21	2906.20	2921.33
30	2813.14	2871.35	2844.44	2781.32	2793.46	2763.16	2762.42	2747.74	2747.21	2773.25
33	2717.94	2714.15	2662.64	2619.80	2630.68	2589.90	2596.55	2593.49	2583.73	2615.43
36	2625.07	2532.91	2489.16	2496.52	2492.47	2456.51	2430.59	2434.23	2423.08	2461.43
39	2497.35	2344.45	2349.42	2364.36	2319.69	2321.97	2276.82	2271.20	2273.98	2310.21
42	2305.24	2205.51	2200.10	2180.18	2131.11	2135.97	2112.31	2107.51	2115.28	2129.96
45	2080.57	2088.96	2006.97	1992.90	1960.91	1950.12	1938.90	1945.96	1943.05	1956.36
48	1881.71	1963.73	1819.85	1830.77	1813.93	1788.94	1770.27	1786.10	1771.65	1807.17
51	1685.06	1792.74	1670.30	1669.39	1657.53	1626.52	1616.34	1626.80	1616.65	1653.99
54	1533.14	1584.49	1520.67	1501.21	1490.96	1475.48	1454.58	1467.21	1454.24	1494.06
57	1372.81	1426.83	1382.12	1348.09	1342.07	1329.87	1305.44	1307.06	1300.30	1325.94
60	1186.82	1279.15	1225.19	1198.76	1173.34	1177.78	1160.00	1148.62	1149.10	1165.17
63	1054.94	1116.41	1063.81	1043.79	1014.68	1021.80	1015.98	994.82	1004.03	1016.46
66	888.93	945.59	929.40	898.30	866.49	872.10	865.22	849.54	856.55	869.22
69	740.34	765.97	780.60	751.39	716.15	732.39	716.06	714.41	713.13	723.77
72	603.02	617.63	639.55	608.12	579.67	591.24	579.59	582.13	582.25	586.58
75	457.56	479.22	492.22	470.72	449.98	444.39	444.25	446.70	449.34	450.91
78	324.76	322.96	357.01	333.32	309.98	314.99	316.79	316.59	320.81	320.32
81	207.90	212.86	220.40	202.23	193.78	194.55	187.52	191.63	193.56	201.43
84	110.02	111.12	110.59	102.44	101.38	96.48	104.44	103.64	106.28	106.68
87	37.03	37.03	39.88	33.17	31.04	29.86	40.57	35.58	36.89	30.06
90	6.97	2.22	3.88	2.20	2.22	1.05	1.66	4.33	4.19	2.50
93	1.14	0.81	0.39	0.75	0.10	0.59	0.19	0.10	0.19	0.15
96	0.05	0.12	0.13	0.19	0.07	0.04	0.02	0.03	0.03	0.36
99	0.27	0.38	0.35	0.36	0.47	0.34	0.00	0.00	0.01	0.40
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AIOCSBX96LED96DMVSA40.IES

CANDELA TABULATION - (Cont.)

108	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Horizontal Angles
Angles

	<u>300</u>	<u>310</u>	<u>320</u>	<u>330</u>	<u>340</u>	<u>350</u>	<u>360</u>
0	3632.48	3632.48	3632.48	3632.48	3632.48	3632.48	3632.48
3	3600.55	3601.67	3603.83	3606.77	3605.57	3607.90	3609.41
6	3564.90	3571.11	3575.88	3578.00	3576.42	3571.28	3570.21
9	3531.18	3541.03	3543.43	3539.75	3539.61	3534.23	3533.21
12	3481.10	3490.44	3491.62	3477.42	3473.10	3477.57	3482.43
15	3406.69	3419.69	3415.26	3399.13	3391.18	3390.92	3401.06
18	3310.13	3324.71	3323.39	3314.50	3299.50	3306.86	3304.47
21	3194.31	3200.21	3214.93	3220.57	3220.75	3220.94	3208.57
24	3058.42	3065.39	3083.64	3105.03	3133.07	3128.21	3099.91
27	2925.11	2933.21	2954.69	2987.75	3010.10	3010.79	2965.47
30	2779.82	2790.22	2818.07	2857.70	2864.51	2865.88	2823.50
33	2630.73	2656.63	2682.58	2721.09	2718.75	2706.07	2693.79
36	2486.26	2517.94	2516.45	2556.60	2569.56	2537.38	2570.55
39	2316.81	2349.81	2339.40	2339.86	2415.14	2368.95	2439.91
42	2135.90	2160.73	2204.47	2177.34	2244.58	2210.58	2281.90
45	1950.51	1984.81	2075.59	2026.33	2072.75	2074.43	2088.67
48	1787.69	1822.61	1911.98	1857.94	1936.80	1933.14	1904.74
51	1642.35	1664.45	1720.02	1696.48	1766.23	1766.92	1767.38
54	1484.70	1513.16	1532.49	1530.30	1601.09	1582.30	1632.72
57	1336.84	1366.28	1376.93	1384.06	1402.28	1430.35	1454.65
60	1185.27	1219.77	1208.42	1213.73	1231.99	1268.19	1259.17
63	1035.91	1064.85	1027.56	1056.56	1110.07	1092.54	1083.58
66	876.90	902.56	888.84	912.59	962.49	917.42	936.50
69	723.53	731.41	763.41	747.38	761.04	768.06	813.24
72	588.92	589.73	632.86	604.69	605.66	643.91	686.71
75	450.09	468.11	482.44	467.20	456.96	495.30	534.86
78	322.20	340.70	342.54	340.17	327.86	347.71	377.02

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

81	204.01	225.26	225.94	231.98	229.49	234.46	256.58
84	112.58	118.46	111.83	130.35	119.98	141.94	142.33
87	36.08	42.51	40.99	45.06	45.90	59.49	60.70
90	2.42	4.47	6.70	6.25	8.12	5.85	12.28
93	0.31	0.09	0.23	0.17	0.18	0.20	0.87
96	0.06	0.33	0.16	0.15	0.04	0.03	0.20
99	0.29	0.46	0.19	0.49	0.27	0.12	0.44
102	0.00	0.00	0.00	0.00	0.00	0.00	0.74
105	0.00	0.00	0.00	0.00	0.00	0.00	0.46
108	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AIOCSBX96LED96DMVSA40.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1062.46	N.A.	12.30
0-30	2684.29	N.A.	31.00
0-40	4107.24	N.A.	47.40
0-60	7116.5	N.A.	82.10
0-80	8481.7	N.A.	97.90
0-90	8661.74	N.A.	100.00
10-90	8385.07	N.A.	96.80
20-40	3044.78	N.A.	35.10
20-50	4450.02	N.A.	51.40
40-70	3870.53	N.A.	44.70
60-80	1365.19	N.A.	15.80
70-80	503.92	N.A.	5.80
80-90	180.05	N.A.	2.10
90-110	1.76	N.A.	0.00
90-120	1.76	N.A.	0.00
90-130	1.76	N.A.	0.00
90-150	1.76	N.A.	0.00
90-180	1.76	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	8663.51	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	276.68
10-20	785.78
20-30	1621.83
30-40	1422.95
40-50	1405.24
50-60	1604.02
60-70	861.27
70-80	503.92
80-90	180.05
90-100	1.71
100-110	0.05
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

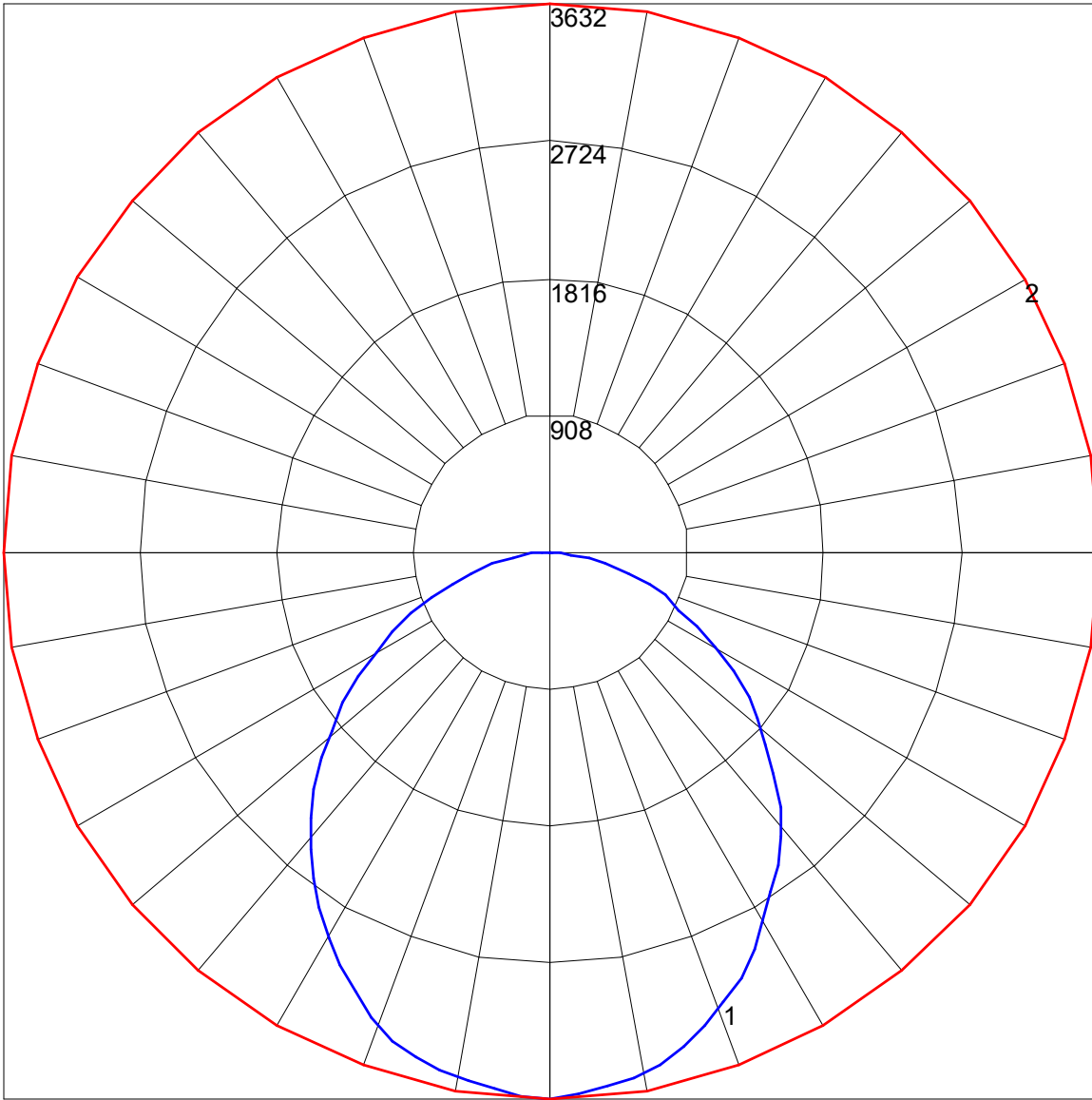
IES INDOOR REPORT
PHOTOMETRIC FILENAME : AIOCSBX96LED96DMVSA40.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84
2	99	91	85	79	97	89	83	78	86	81	76	83	78	75	80	76	73	71
3	91	80	72	66	88	79	71	65	76	70	64	73	68	63	71	66	62	60
4	83	71	63	56	81	70	62	56	68	61	55	65	59	54	63	58	54	51
5	77	64	55	49	75	63	54	48	61	53	48	59	52	47	57	51	47	45
6	71	58	49	42	69	57	48	42	55	47	42	53	47	41	52	46	41	39
7	66	52	44	38	64	51	43	37	50	43	37	48	42	37	47	41	37	35
8	61	48	39	34	60	47	39	33	46	38	33	44	38	33	43	37	33	31
9	57	44	36	30	56	43	35	30	42	35	30	41	34	30	40	34	30	28
10	54	40	33	27	52	40	32	27	39	32	27	38	32	27	37	31	27	25

POLAR GRAPH



Maximum Candela = 3632.48 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)