

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L100-840-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 4792061012.01
[TESTLAB] UL, LLC
[ISSUE DATE] 2025-12-23
[TEST DATE] 12/12/2025
[MANUFAC] WILLIAMS INDOOR
[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.
[LUMCAT] 75W-8-L100-840-DIM-UNV
[LUMINAIRE] 75W WIDE LENS LED STRIP LUMINAIRE
[LAMP] LED
[BALLAST] 0-10V DIMMING DRIVER

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	9855
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	150
Total Luminaire Watts	65.9
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.22
Spacing Criterion (Diagonal)	1.30
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	7.44 ft
Luminous Width (90-270)	0.33 ft
Luminous Height	0.08 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	10901	9722	9562
55	9483	8342	8394
65	8032	7167	7481
75	6547	6294	6993
85	5142	6262	7388

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CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	3189.553	3189.553	3189.553	3189.553	3189.553
0.5	3174.427	3186.528	3188.545	3187.536	3208.713
1.0	3174.427	3187.536	3187.536	3186.528	3207.704
1.5	3171.402	3187.536	3186.528	3185.520	3208.713
2.0	3170.394	3184.511	3186.528	3184.511	3205.688
2.5	3170.394	3184.511	3183.503	3183.503	3203.671
3.0	3167.369	3181.486	3181.486	3181.486	3201.654
3.5	3165.352	3178.461	3178.461	3179.469	3199.637
4.0	3163.335	3176.444	3176.444	3175.436	3197.620
4.5	3158.293	3173.419	3174.427	3173.419	3194.595
5.0	3155.268	3170.394	3170.394	3170.394	3191.570
5.5	3151.234	3166.360	3166.360	3167.369	3187.536
6.0	3149.217	3161.318	3162.327	3162.327	3183.503
6.5	3142.159	3157.285	3158.293	3158.293	3178.461
7.0	3138.125	3152.243	3153.251	3152.243	3174.427
7.5	3134.092	3146.192	3148.209	3148.209	3169.385
8.0	3129.050	3142.159	3142.159	3142.159	3162.327
8.5	3124.008	3135.100	3137.117	3137.117	3156.276
9.0	3115.940	3130.058	3131.066	3130.058	3149.217
9.5	3110.898	3122.999	3122.999	3122.999	3145.184
10.0	3102.831	3114.932	3114.932	3116.949	3137.117
10.5	3095.773	3107.873	3108.882	3108.882	3130.058
11.0	3088.714	3100.814	3101.823	3100.814	3121.991
11.5	3079.638	3092.747	3094.764	3092.747	3114.932
12.0	3071.571	3083.672	3085.689	3085.689	3105.856
12.5	3063.504	3074.596	3077.621	3075.605	3097.789
13.0	3054.428	3066.529	3068.546	3067.537	3088.714
13.5	3045.353	3056.445	3058.462	3058.462	3080.647
14.0	3034.260	3046.361	3048.378	3048.378	3069.554
14.5	3025.185	3036.277	3038.294	3038.294	3061.487
15.0	3016.109	3026.193	3027.202	3027.202	3049.386
15.5	3005.017	3014.093	3017.118	3017.118	3037.286
16.0	2992.916	3003.000	3006.025	3006.025	3027.202
16.5	2982.832	2990.899	2993.925	2994.933	3016.109
17.0	2968.715	2977.790	2981.824	2982.832	3004.009
17.5	2956.614	2965.690	2969.723	2970.732	2991.908
18.0	2945.522	2953.589	2956.614	2959.639	2980.815
18.5	2932.413	2941.488	2944.513	2946.530	2967.706
19.0	2919.303	2926.362	2931.404	2933.421	2953.589
19.5	2904.177	2914.261	2918.295	2922.329	2940.480
20.0	2888.043	2899.136	2904.177	2907.203	2926.362
20.5	2871.909	2886.026	2890.060	2894.094	2913.253
21.0	2858.800	2869.892	2872.917	2880.984	2899.136
21.5	2843.674	2854.766	2859.808	2863.842	2884.010
22.0	2827.539	2840.649	2845.691	2849.724	2870.900
22.5	2813.422	2822.497	2829.556	2835.607	2855.775
23.0	2796.279	2806.363	2813.422	2819.472	2839.640
23.5	2778.128	2789.220	2798.296	2804.346	2824.514
24.0	2759.977	2772.078	2781.153	2788.212	2808.380
24.5	2744.851	2754.935	2765.019	2771.069	2790.229
25.0	2727.708	2737.792	2748.885	2754.935	2774.095
25.5	2708.549	2720.650	2729.725	2738.801	2754.935
26.0	2690.398	2701.490	2713.591	2721.658	2739.809
26.5	2671.238	2682.331	2696.448	2703.507	2722.666

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27.0	2652.079	2662.163	2679.305	2688.381	2705.524
27.5	2629.894	2643.003	2660.146	2668.213	2688.381
28.0	2613.760	2623.844	2640.986	2650.062	2669.221
28.5	2592.583	2604.684	2621.827	2630.902	2650.062
29.0	2572.416	2584.516	2601.659	2612.751	2631.911
29.5	2551.239	2563.340	2581.491	2592.583	2611.743
30.0	2530.063	2543.172	2561.323	2575.441	2594.600
30.5	2507.878	2520.987	2542.164	2556.281	2574.432
31.0	2486.702	2499.811	2520.987	2536.113	2553.256
31.5	2464.517	2479.643	2500.819	2516.954	2535.105
32.0	2443.341	2456.450	2480.652	2495.778	2513.929
32.5	2420.148	2434.265	2459.475	2475.610	2493.761
33.0	2397.963	2413.089	2436.282	2455.442	2473.593
33.5	2376.787	2390.904	2416.114	2433.257	2452.417
34.0	2351.577	2367.711	2393.930	2413.089	2433.257
34.5	2328.384	2345.527	2372.753	2390.904	2411.072
35.0	2307.208	2321.325	2351.577	2370.737	2389.896
35.5	2279.981	2299.141	2328.384	2348.552	2367.711
36.0	2258.805	2274.939	2306.199	2326.367	2346.535
36.5	2232.586	2250.738	2283.006	2305.191	2326.367
37.0	2208.385	2227.544	2259.813	2281.998	2305.191
37.5	2183.175	2202.335	2237.628	2261.830	2281.998
38.0	2157.965	2178.133	2213.427	2238.637	2257.796
38.5	2131.747	2152.923	2190.234	2217.461	2235.612
39.0	2108.554	2127.713	2166.032	2194.267	2217.461
39.5	2082.336	2104.520	2142.839	2171.074	2193.259
40.0	2054.101	2078.302	2118.638	2149.898	2170.066
40.5	2027.882	2053.092	2095.445	2127.713	2147.881
41.0	2003.681	2027.882	2071.243	2104.520	2124.688
41.5	1977.463	2002.672	2047.042	2081.327	2102.503
42.0	1951.244	1977.463	2022.840	2059.143	2080.319
42.5	1926.034	1951.244	1997.630	2035.949	2057.126
43.0	1897.799	1926.034	1974.437	2013.765	2034.941
43.5	1873.598	1899.816	1949.227	1990.572	2012.756
44.0	1846.371	1873.598	1924.018	1968.387	1989.563
44.5	1821.161	1848.388	1898.808	1944.185	1966.370
45.0	1794.943	1822.170	1874.606	1923.009	1945.194
45.5	1768.725	1796.960	1850.405	1900.824	1923.009
46.0	1742.506	1770.742	1824.186	1876.623	1899.816
46.5	1716.288	1744.523	1802.002	1856.455	1877.631
47.0	1689.062	1719.313	1776.792	1832.254	1855.447
47.5	1662.843	1693.095	1751.582	1809.061	1832.254
48.0	1637.633	1666.877	1726.372	1787.884	1809.061
48.5	1609.398	1641.667	1703.179	1763.683	1786.876
49.0	1584.188	1614.440	1676.961	1740.490	1763.683
49.5	1557.970	1589.230	1652.759	1718.305	1741.498
50.0	1530.744	1563.012	1628.558	1694.104	1718.305
50.5	1505.534	1537.802	1603.348	1673.936	1697.129
51.0	1479.315	1511.584	1581.163	1650.743	1674.944
51.5	1454.106	1485.366	1555.953	1628.558	1652.759
52.0	1426.879	1460.156	1531.752	1605.365	1630.575
52.5	1400.661	1433.938	1508.559	1582.172	1609.398
53.0	1373.434	1408.728	1484.357	1562.004	1586.205
53.5	1347.216	1383.518	1461.164	1538.811	1565.029
54.0	1322.006	1358.308	1437.971	1516.626	1543.853
54.5	1297.804	1332.090	1414.778	1496.458	1522.676

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55.0	1272.594	1307.888	1391.585	1473.265	1503.517
55.5	1251.418	1282.678	1368.392	1452.089	1480.324
56.0	1227.217	1260.494	1346.207	1430.912	1459.148
56.5	1202.007	1237.301	1323.014	1409.736	1438.980
57.0	1177.805	1214.108	1300.829	1388.560	1417.803
57.5	1152.595	1189.906	1281.670	1368.392	1394.610
58.0	1127.386	1165.705	1259.485	1346.207	1377.468
58.5	1103.184	1141.503	1237.301	1327.048	1357.300
59.0	1078.983	1117.302	1216.124	1309.905	1336.123
59.5	1054.781	1094.109	1196.965	1288.729	1319.989
60.0	1030.580	1069.907	1175.789	1268.561	1299.821
60.5	1006.882	1046.714	1154.612	1249.401	1279.653
61.0	983.084	1023.521	1133.436	1230.242	1260.494
61.5	959.488	1000.529	1112.260	1211.082	1242.343
62.0	936.295	977.740	1092.092	1192.931	1223.183
62.5	913.404	955.152	1070.915	1174.780	1205.032
63.0	890.211	932.664	1050.748	1155.621	1188.898
63.5	867.220	910.480	1031.588	1137.470	1170.747
64.0	844.833	888.598	1011.420	1118.310	1152.595
64.5	822.548	867.220	992.261	1100.159	1134.444
65.0	800.464	845.741	973.000	1082.008	1117.302
65.5	778.683	824.766	953.942	1063.857	1099.151
66.0	756.599	803.792	935.085	1045.706	1082.008
66.5	735.019	783.321	916.328	1028.563	1064.865
67.0	713.944	763.052	897.673	1010.412	1047.722
67.5	692.767	743.086	879.421	993.471	1030.580
68.0	671.894	723.624	861.270	976.328	1014.445
68.5	651.322	704.263	843.522	959.689	997.605
69.0	630.852	685.104	825.976	942.950	981.672
69.5	610.684	666.347	808.632	926.715	965.841
70.0	590.617	647.894	791.590	910.782	950.110
70.5	571.054	629.642	774.548	894.850	934.580
71.0	551.693	611.592	757.809	879.119	919.253
71.5	532.533	593.945	741.473	863.791	904.127
72.0	513.777	576.197	725.137	848.564	889.404
72.5	494.920	559.054	709.204	833.640	874.783
73.0	476.567	542.012	693.372	818.918	860.060
73.5	458.719	525.172	678.045	804.296	845.741
74.0	441.072	508.836	662.515	790.178	831.321
74.5	423.728	492.399	647.692	776.162	817.707
75.0	406.484	476.366	632.970	762.447	804.497
75.5	389.543	460.736	618.449	748.834	791.086
76.0	373.106	445.408	604.331	735.322	777.977
76.5	356.770	430.282	590.314	722.112	764.868
77.0	340.636	415.257	576.499	709.002	752.162
77.5	324.804	400.635	562.886	696.297	739.557
78.0	309.174	386.316	549.676	683.793	727.154
78.5	293.846	372.199	536.567	671.188	714.851
79.0	278.821	358.484	523.861	658.986	702.750
79.5	263.897	344.871	511.357	647.087	690.650
80.0	249.174	331.459	498.853	635.289	679.154
80.5	234.855	318.451	486.752	623.390	667.457
81.0	220.939	305.645	475.156	611.894	656.062
81.5	206.822	293.140	463.559	600.499	644.667
82.0	193.208	280.939	452.265	589.508	633.675
82.5	179.898	268.939	441.173	578.516	622.886

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83.0	166.789	257.242	430.282	567.928	612.398
83.5	153.780	245.847	419.896	557.138	601.508
84.0	141.074	234.754	409.812	546.953	591.121
84.5	128.470	224.065	399.929	536.869	580.936
85.0	116.369	213.679	390.249	526.886	570.752
85.5	104.268	203.797	380.770	517.206	560.869
86.0	92.369	194.318	371.493	507.727	551.088
86.5	80.571	185.444	362.720	498.248	541.306
87.0	68.974	176.872	353.846	489.273	531.727
87.5	57.378	168.906	345.476	480.198	522.550
88.0	45.882	161.142	337.207	471.425	513.273
88.5	34.285	153.881	329.241	462.752	504.298
89.0	23.697	147.024	321.678	454.383	495.424
89.5	15.025	140.671	314.317	446.316	486.752
90.0	8.975	135.024	307.560	438.652	478.786
90.5	6.353	130.083	301.308	430.988	470.315
91.0	6.756	125.545	294.956	423.223	462.248
91.5	8.067	121.209	288.603	415.862	454.181
92.0	9.580	117.579	282.552	408.400	446.316
92.5	11.193	114.453	277.409	401.240	438.551
93.0	12.807	111.730	272.065	394.484	431.089
93.5	14.521	109.613	267.023	387.829	424.030
94.0	16.336	107.797	262.284	381.577	417.173
94.5	18.050	106.487	257.847	375.224	410.114
95.0	19.765	105.478	253.712	368.972	403.358
95.5	21.378	104.772	249.880	363.022	396.703
96.0	22.689	104.470	246.553	357.274	390.148
96.5	24.000	104.470	243.225	351.930	384.098
97.0	25.210	104.571	240.200	346.787	378.047
97.5	26.521	104.974	237.376	341.846	372.501
98.0	27.630	105.377	234.855	337.006	366.854
98.5	28.941	105.881	232.738	332.367	361.610
99.0	30.252	106.487	230.519	328.031	356.468
99.5	31.664	107.192	228.603	323.896	351.426
100.0	32.874	107.898	227.091	320.065	346.888
100.5	34.285	108.705	225.578	316.333	342.249
101.0	35.496	109.512	224.469	312.804	338.115
101.5	36.706	110.318	223.359	309.476	333.880
102.0	37.815	111.125	222.553	306.350	330.149
102.5	38.924	111.932	221.746	303.426	326.417
103.0	40.033	112.839	221.141	300.502	323.090
103.5	41.243	113.747	220.637	297.981	319.661
104.0	42.554	114.554	220.133	295.661	316.535
104.5	43.865	115.461	219.830	293.443	313.611
105.0	45.075	116.369	219.528	291.426	310.787
105.5	46.184	117.175	219.225	289.309	308.367
106.0	47.495	118.184	219.124	287.493	305.947
106.5	48.705	119.091	219.124	285.779	303.527
107.0	49.916	120.100	219.124	284.166	301.510
107.5	51.025	120.907	219.124	282.956	299.392
108.0	52.437	121.915	219.124	281.544	297.275
108.5	53.747	122.923	219.225	280.535	295.863
109.0	55.058	123.730	219.427	279.225	294.451
109.5	56.470	124.638	219.528	278.317	292.939
110.0	57.882	125.545	219.729	277.309	291.729
110.5	59.294	126.453	219.931	276.401	290.619

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CANDELA TABULATION - (Cont.)

111.0	60.705	127.360	220.032	275.594	289.409
111.5	62.117	128.167	220.133	274.989	288.401
112.0	63.630	129.075	220.334	274.384	287.191
112.5	65.142	129.982	220.536	273.678	286.082
113.0	66.756	130.890	220.838	273.174	285.577
113.5	68.268	131.696	220.838	272.670	284.872
114.0	69.882	132.503	221.040	272.267	284.166
114.5	71.394	133.411	221.242	271.762	283.561
115.0	73.008	134.117	221.444	271.460	283.056
115.5	74.621	135.024	221.444	271.157	282.552
116.0	76.134	135.831	221.746	270.754	281.947
116.5	77.546	136.638	221.948	270.351	281.746
117.0	79.159	137.545	222.149	270.351	281.241
117.5	80.672	138.251	222.351	269.947	280.939
118.0	81.983	138.957	222.553	269.746	280.535
118.5	83.495	139.663	222.654	269.443	280.435
119.0	84.806	140.369	222.855	269.141	279.830
119.5	86.218	140.873	223.057	268.838	279.729
120.0	87.529	141.377	222.956	268.636	279.225
120.5	88.840	141.982	223.057	268.233	279.124
121.0	90.151	142.385	223.259	267.931	278.720
121.5	91.562	142.890	223.158	267.527	278.519
122.0	92.873	143.495	223.158	267.326	278.216
122.5	94.184	144.100	223.259	266.922	277.510
123.0	95.495	144.705	223.158	266.519	277.409
123.5	96.705	145.209	222.956	266.216	276.804
124.0	97.713	145.612	222.956	265.914	276.704
124.5	98.722	146.016	222.956	265.410	276.300
125.0	99.730	146.520	222.754	264.905	275.897
125.5	100.739	146.822	222.553	264.603	275.393
126.0	101.646	147.226	222.452	263.998	274.989
126.5	102.453	147.730	222.250	263.594	274.687
127.0	103.360	147.932	222.049	263.090	274.283
127.5	104.066	148.234	221.746	262.586	273.578
128.0	104.974	148.234	221.645	261.981	273.174
128.5	105.680	148.436	221.242	261.477	272.771
129.0	106.386	148.637	220.838	260.973	272.267
129.5	106.991	148.940	220.133	260.166	271.662
130.0	107.495	149.142	219.427	259.662	271.057
130.5	107.999	149.343	218.620	259.057	270.351
131.0	108.302	149.646	217.813	258.149	269.645
131.5	108.705	149.948	217.007	257.342	268.939
132.0	109.108	150.251	216.099	256.838	268.334
132.5	109.310	150.352	215.091	255.830	267.426
133.0	109.613	150.453	214.687	254.922	266.317
133.5	109.713	150.352	214.082	254.216	265.813
134.0	109.814	150.150	213.679	253.410	265.107
134.5	110.117	149.747	213.175	252.502	263.796
135.0	110.419	149.444	212.570	251.292	262.788
135.5	110.318	148.637	212.065	250.485	261.981
136.0	110.520	148.537	211.360	249.477	260.973
136.5	110.722	148.234	210.855	248.368	259.964
137.0	110.823	147.730	210.049	247.460	258.855
137.5	110.923	147.226	209.343	246.250	257.847
138.0	111.125	146.923	208.334	245.242	256.637
138.5	111.125	146.520	207.023	244.132	255.729

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	111.024	146.217	205.511	242.822	254.317
139.5	111.024	145.814	203.696	241.410	253.309
140.0	111.024	145.310	201.679	240.099	251.897
140.5	111.024	145.007	199.864	238.485	250.384
141.0	111.024	144.806	197.847	236.771	249.174
141.5	111.024	144.402	195.830	235.259	247.964
142.0	110.923	144.200	193.914	233.343	246.653
142.5	110.823	143.898	191.898	231.628	245.141
143.0	110.722	143.595	189.982	230.015	243.628
143.5	110.722	143.192	187.763	228.301	242.216
144.0	110.722	142.688	185.847	226.990	240.603
144.5	111.024	142.285	183.931	225.477	239.191
145.0	111.428	141.881	181.814	224.166	237.578
145.5	112.134	141.377	179.898	222.855	235.964
146.0	113.041	140.974	178.083	221.444	234.452
146.5	113.949	140.570	176.570	219.931	232.738
147.0	114.856	140.066	174.856	218.418	231.023
147.5	115.663	139.864	173.545	216.906	229.309
148.0	116.570	139.461	172.133	215.191	227.494
148.5	117.377	139.360	171.024	213.578	225.679
149.0	118.386	139.360	169.814	211.965	224.065
149.5	119.091	139.663	168.704	210.250	222.049
150.0	119.898	139.864	167.595	208.637	219.931
150.5	120.604	139.965	166.385	206.822	217.712
151.0	121.108	140.268	164.772	205.007	215.091
151.5	121.612	140.369	163.057	203.091	212.670
152.0	122.217	140.570	161.444	201.074	210.250
152.5	122.823	140.772	159.931	198.956	207.629
153.0	123.226	140.873	158.318	196.536	205.511
153.5	123.730	141.175	156.604	194.015	203.091
154.0	124.133	141.074	155.091	191.192	201.074
154.5	124.638	141.175	153.780	188.469	199.057
155.0	124.839	141.377	152.469	185.343	197.545
155.5	125.243	141.478	151.158	182.419	195.931
156.0	125.545	141.478	150.251	179.293	194.519
156.5	126.049	141.478	149.343	176.167	192.704
157.0	126.251	141.679	148.436	173.343	190.990
157.5	126.554	141.679	147.831	170.620	189.074
158.0	126.957	141.579	147.528	167.797	187.259
158.5	127.058	141.579	147.125	165.478	185.141
159.0	127.562	141.276	146.822	163.259	183.326
159.5	127.965	141.074	146.318	161.142	181.309
160.0	128.470	140.873	145.814	159.427	179.293
160.5	129.075	140.772	145.411	157.814	177.377
161.0	129.478	140.469	145.310	156.100	175.461
161.5	130.083	140.369	145.108	154.385	174.049
162.0	130.587	140.167	145.411	152.974	172.839
162.5	131.091	140.167	145.612	151.461	171.427
163.0	131.696	140.066	145.713	149.847	170.217
163.5	132.201	140.066	145.915	148.133	168.704
164.0	132.402	140.066	146.116	146.016	167.293
164.5	132.705	139.864	145.915	144.402	165.478
165.0	133.007	139.864	145.612	142.789	163.663
165.5	133.310	139.764	145.310	141.679	161.747
166.0	133.612	139.663	145.108	140.469	158.822
166.5	133.915	139.663	144.806	139.461	157.410

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	134.318	139.663	144.503	138.553	156.301
167.5	134.520	139.663	143.898	137.747	155.192
168.0	134.822	139.663	143.394	136.940	154.284
168.5	135.427	139.259	142.688	136.234	153.175
169.0	135.730	139.360	142.184	135.528	152.066
169.5	136.234	139.058	141.377	134.722	150.856
170.0	136.436	138.957	140.671	133.713	149.747
170.5	136.738	138.755	139.764	132.604	148.537
171.0	136.940	138.553	138.755	131.394	147.024
171.5	137.243	138.553	137.848	130.285	145.814
172.0	137.747	138.352	137.343	129.175	143.999
172.5	138.049	138.352	136.738	127.965	141.982
173.0	138.453	138.150	136.234	126.856	138.553
173.5	138.957	138.251	136.032	125.747	133.411
174.0	139.360	138.251	135.932	124.839	127.058
174.5	139.663	138.251	135.730	123.932	119.495
175.0	140.268	138.553	135.629	123.226	110.923
175.5	140.469	138.654	135.528	122.923	101.949
176.0	140.873	138.856	135.528	122.621	96.100
176.5	140.974	138.957	135.427	122.621	91.966
177.0	141.377	139.159	135.226	122.318	87.730
177.5	141.478	139.159	134.923	122.217	86.823
178.0	141.881	139.360	134.822	122.117	87.024
178.5	142.083	139.461	134.923	121.915	87.226
179.0	142.285	139.461	134.822	121.612	87.327
179.5	142.486	139.461	134.722	121.512	87.428
180.0	127.764	127.764	127.764	127.764	127.764

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1154.49	N.A.	11.70
0-30	2419.04	N.A.	24.50
0-40	3885.85	N.A.	39.40
0-60	6576.29	N.A.	66.70
0-80	8192.89	N.A.	83.10
0-90	8599.46	N.A.	87.30
10-90	8298.48	N.A.	84.20
20-40	2731.36	N.A.	27.70
20-50	4175.81	N.A.	42.40
40-70	3648.82	N.A.	37.00
60-80	1616.59	N.A.	16.40
70-80	658.22	N.A.	6.70
80-90	406.57	N.A.	4.10
90-110	474.88	N.A.	4.80
90-120	674.79	N.A.	6.80
90-130	858.79	N.A.	8.70
90-150	1127.43	N.A.	11.40
90-180	1255.86	N.A.	12.70
110-180	780.98	N.A.	7.90
0-180	9855.31	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	300.98
10-20	853.51
20-30	1264.55
30-40	1466.81
40-50	1444.45
50-60	1246.00
60-70	958.38
70-80	658.22
80-90	406.57
90-100	260.49
100-110	214.38
110-120	199.92
120-130	183.99
130-140	154.62
140-150	114.03
150-160	74.55
160-170	41.08
170-180	12.80

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L100-840-DIM-UNV_.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	116	116	116	116	112	112	112	112	104	104	104	97	97	97	90	90	90	87
1	105	100	95	91	101	96	92	89	90	86	83	84	81	79	78	76	74	71
2	95	87	80	74	92	84	78	72	78	73	69	73	69	65	68	65	62	59
3	87	76	68	62	83	74	66	60	69	63	58	65	60	55	61	56	53	50
4	80	68	59	52	76	66	58	51	62	55	49	58	52	47	54	49	45	43
5	73	61	52	45	70	59	51	44	55	48	43	52	46	41	49	44	40	37
6	68	55	46	40	65	53	45	39	50	43	38	47	41	36	44	39	35	33
7	63	50	41	35	60	48	40	34	46	38	33	43	37	32	41	35	31	29
8	59	45	37	31	56	44	36	31	42	35	30	40	33	29	37	32	28	26
9	55	42	34	28	53	41	33	28	38	32	27	36	30	26	35	29	25	23
10	51	38	31	25	49	37	30	25	36	29	24	34	28	24	32	27	23	21

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L100-840-DIM-UNV_.IES

UGR TABLE - CORRECTED

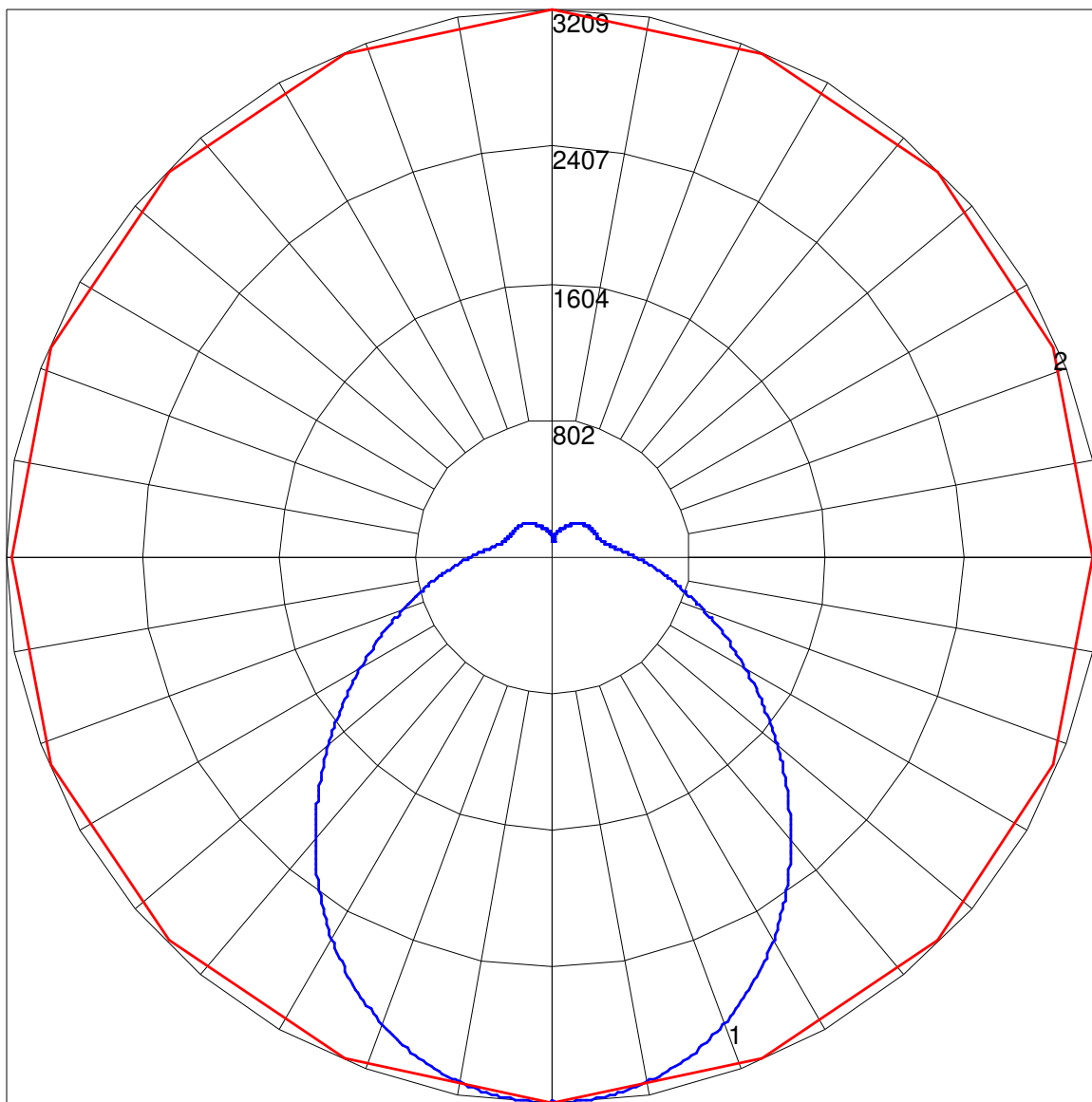
Reflectances

Ceiling Cavity	70	70	50	50	30	70	70	50	50	30
Walls	50	30	50	30	30	50	30	50	30	30
Floor Cavity	20	20	20	20	20	20	20	20	20	20

Room Size		UGR Viewed Crosswise					UGR Viewed Endwise				
X=2H	Y=2H	17.4	18.8	17.9	19.3	19.9	19.1	20.5	19.7	21.0	21.6
	3H	18.8	20.0	19.3	20.6	21.2	21.3	22.6	21.9	23.1	23.8
	4H	19.2	20.4	19.8	20.9	21.6	22.4	23.6	23.0	24.1	24.8
	6H	19.5	20.6	20.1	21.2	21.9	23.5	24.6	24.1	25.2	25.9
	8H	19.6	20.6	20.2	21.2	21.9	24.2	25.2	24.8	25.8	26.5
	12H	19.6	20.6	20.2	21.2	21.9	24.9	25.8	25.5	26.5	27.2
4H	2H	18.1	19.3	18.7	19.9	20.6	19.5	20.7	20.1	21.3	21.9
	3H	19.7	20.7	20.3	21.4	22.0	22.0	22.9	22.6	23.6	24.3
	4H	20.3	21.2	20.9	21.8	22.6	23.2	24.1	23.8	24.7	25.5
	6H	20.7	21.5	21.4	22.2	22.9	24.6	25.3	25.2	26.0	26.7
	8H	20.8	21.6	21.5	22.2	23.0	25.3	26.0	25.9	26.7	27.4
	12H	20.9	21.6	21.6	22.3	23.0	26.1	26.8	26.8	27.5	28.2
8H	4H	20.9	21.6	21.5	22.3	23.0	23.4	24.1	24.1	24.8	25.6
	6H	21.5	22.1	22.1	22.8	23.5	24.9	25.6	25.6	26.3	27.0
	8H	21.7	22.2	22.4	22.9	23.7	25.8	26.4	26.5	27.1	27.8
	12H	21.8	22.3	22.5	23.0	23.8	26.8	27.3	27.5	28.0	28.8
12H	4H	21.1	21.7	21.7	22.4	23.2	23.4	24.1	24.1	24.8	25.5
	6H	21.7	22.3	22.4	23.0	23.8	25.0	25.5	25.7	26.2	27.0
	8H	22.0	22.5	22.7	23.2	24.0	25.9	26.4	26.6	27.1	27.9

Maximum UGR = 28.8

POLAR GRAPH



Maximum Candela = 3208.713 Located At Horizontal Angle = 90, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)