

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L100-840-HE-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-HE-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	9863
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	182
Total Luminaire Watts	54.1
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	10909	9729	9569
55	9490	8348	8401
65	8038	7172	7487
75	6552	6299	6998
85	5146	6267	7393

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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	3191.885	3191.885	3191.885	3191.885	3191.885
0.5	3176.748	3188.857	3190.875	3189.866	3211.058
1.0	3176.748	3189.866	3189.866	3188.857	3210.049
1.5	3173.720	3189.866	3188.857	3187.848	3211.058
2.0	3172.711	3186.839	3188.857	3186.839	3208.031
2.5	3172.711	3186.839	3185.830	3185.830	3206.012
3.0	3169.684	3183.812	3183.812	3183.812	3203.994
3.5	3167.665	3180.784	3180.784	3181.793	3201.976
4.0	3165.647	3178.766	3178.766	3177.757	3199.958
4.5	3160.602	3175.738	3176.748	3175.738	3196.930
5.0	3157.574	3172.711	3172.711	3172.711	3193.903
5.5	3153.538	3168.675	3168.675	3169.684	3189.866
6.0	3151.519	3163.629	3164.638	3164.638	3185.830
6.5	3144.455	3159.592	3160.602	3160.602	3180.784
7.0	3140.419	3154.547	3155.556	3154.547	3176.748
7.5	3136.382	3148.492	3150.510	3150.510	3171.702
8.0	3131.337	3144.455	3144.455	3144.455	3164.638
8.5	3126.291	3137.391	3139.410	3139.410	3158.583
9.0	3118.218	3132.346	3133.355	3132.346	3151.519
9.5	3113.172	3125.282	3125.282	3125.282	3147.483
10.0	3105.099	3117.209	3117.209	3119.227	3139.410
10.5	3098.035	3110.145	3111.154	3111.154	3132.346
11.0	3090.971	3103.081	3104.090	3103.081	3124.273
11.5	3081.889	3095.008	3097.026	3095.008	3117.209
12.0	3073.816	3085.926	3087.944	3087.944	3108.127
12.5	3065.743	3076.844	3079.871	3077.853	3100.054
13.0	3056.661	3068.770	3070.789	3069.780	3090.971
13.5	3047.579	3058.679	3060.697	3060.697	3082.898
14.0	3036.478	3048.588	3050.606	3050.606	3071.798
14.5	3027.396	3038.497	3040.515	3040.515	3063.725
15.0	3018.314	3028.405	3029.414	3029.414	3051.615
15.5	3007.213	3016.296	3019.323	3019.323	3039.506
16.0	2995.104	3005.195	3008.223	3008.223	3029.414
16.5	2985.013	2993.086	2996.113	2997.122	3018.314
17.0	2970.885	2979.967	2984.003	2985.013	3006.204
17.5	2958.775	2967.857	2971.894	2972.903	2994.095
18.0	2947.675	2955.748	2958.775	2961.803	2982.994
18.5	2934.556	2943.638	2946.666	2948.684	2969.876
19.0	2921.437	2928.501	2933.547	2935.565	2955.748
19.5	2906.300	2916.392	2920.428	2924.465	2942.629
20.0	2890.154	2901.255	2906.300	2909.328	2928.501
20.5	2874.008	2888.136	2892.172	2896.209	2915.382
21.0	2860.889	2871.990	2875.017	2883.090	2901.255
21.5	2845.752	2856.853	2861.898	2865.935	2886.118
22.0	2829.606	2842.725	2847.771	2851.807	2872.999
22.5	2815.478	2824.561	2831.624	2837.679	2857.862
23.0	2798.323	2808.414	2815.478	2821.533	2841.716
23.5	2780.159	2791.259	2800.341	2806.396	2826.579
24.0	2761.994	2774.104	2783.186	2790.250	2810.433
24.5	2746.857	2756.949	2767.040	2773.095	2792.268
25.0	2729.702	2739.793	2750.894	2756.949	2776.122
25.5	2710.529	2722.638	2731.720	2740.803	2756.949
26.0	2692.364	2703.465	2715.574	2723.647	2741.812
26.5	2673.191	2684.291	2698.419	2705.483	2724.656

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CANDELA TABULATION - (Cont.)

27.0	2654.017	2664.109	2681.264	2690.346	2707.501
27.5	2631.816	2644.935	2662.090	2670.163	2690.346
28.0	2615.670	2625.762	2642.917	2651.999	2671.172
28.5	2594.478	2606.588	2623.743	2632.825	2651.999
29.0	2574.296	2586.405	2603.561	2614.661	2633.835
29.5	2553.104	2565.214	2583.378	2594.478	2613.652
30.0	2531.912	2545.031	2563.195	2577.323	2596.497
30.5	2509.711	2522.830	2544.022	2558.150	2576.314
31.0	2488.520	2501.638	2522.830	2537.967	2555.122
31.5	2466.319	2481.456	2502.647	2518.794	2536.958
32.0	2445.127	2458.246	2482.465	2497.602	2515.766
32.5	2421.917	2436.045	2461.273	2477.419	2495.584
33.0	2399.716	2414.853	2438.063	2457.236	2475.401
33.5	2378.524	2392.652	2417.880	2435.036	2454.209
34.0	2353.296	2369.442	2395.679	2414.853	2435.036
34.5	2330.086	2347.241	2374.488	2392.652	2412.835
35.0	2308.894	2323.022	2353.296	2372.469	2391.643
35.5	2281.648	2300.821	2330.086	2350.268	2369.442
36.0	2260.456	2276.602	2307.885	2328.068	2348.250
36.5	2234.218	2252.383	2284.675	2306.876	2328.068
37.0	2209.999	2229.173	2261.465	2283.666	2306.876
37.5	2184.771	2203.944	2239.264	2263.483	2283.666
38.0	2159.543	2179.725	2215.045	2240.273	2259.447
38.5	2133.305	2154.497	2191.835	2219.081	2237.246
39.0	2110.095	2129.269	2167.616	2195.871	2219.081
39.5	2083.858	2106.059	2144.406	2172.661	2194.862
40.0	2055.602	2079.821	2120.186	2151.469	2171.652
40.5	2029.365	2054.593	2096.976	2129.269	2149.451
41.0	2005.145	2029.365	2072.757	2106.059	2126.241
41.5	1978.908	2004.136	2048.538	2082.849	2104.040
42.0	1952.670	1978.908	2024.319	2060.648	2081.839
42.5	1927.442	1952.670	1999.091	2037.438	2058.629
43.0	1899.186	1927.442	1975.881	2015.237	2036.428
43.5	1874.967	1901.205	1950.652	1992.027	2014.228
44.0	1847.721	1874.967	1925.424	1969.826	1991.017
44.5	1822.492	1849.739	1900.196	1945.607	1967.807
45.0	1796.255	1823.502	1875.976	1924.415	1946.616
45.5	1770.018	1798.273	1851.757	1902.214	1924.415
46.0	1743.780	1772.036	1825.520	1877.995	1901.205
46.5	1717.543	1745.798	1803.319	1857.812	1879.004
47.0	1690.296	1720.570	1778.091	1833.593	1856.803
47.5	1664.059	1694.333	1752.862	1810.383	1833.593
48.0	1638.830	1668.095	1727.634	1789.191	1810.383
48.5	1610.575	1642.867	1704.424	1764.972	1788.182
49.0	1585.346	1615.620	1678.187	1741.762	1764.972
49.5	1559.109	1590.392	1653.967	1719.561	1742.771
50.0	1531.862	1564.155	1629.748	1695.342	1719.561
50.5	1506.634	1538.926	1604.520	1675.159	1698.369
51.0	1480.397	1512.689	1582.319	1651.949	1676.168
51.5	1455.168	1486.451	1557.091	1629.748	1653.967
52.0	1427.922	1461.223	1532.872	1606.538	1631.766
52.5	1401.684	1434.986	1509.662	1583.328	1610.575
53.0	1374.438	1409.757	1485.442	1563.146	1587.365
53.5	1348.200	1384.529	1462.232	1539.935	1566.173
54.0	1322.972	1359.301	1439.022	1517.735	1544.981
54.5	1298.753	1333.063	1415.812	1497.552	1523.789

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55.0	1273.525	1308.844	1392.602	1474.342	1504.616
55.5	1252.333	1283.616	1369.392	1453.150	1481.406
56.0	1228.114	1261.415	1347.191	1431.958	1460.214
56.5	1202.885	1238.205	1323.981	1410.767	1440.031
57.0	1178.666	1214.995	1301.780	1389.575	1418.840
57.5	1153.438	1190.776	1282.607	1369.392	1395.630
58.0	1128.210	1166.557	1260.406	1347.191	1378.474
58.5	1103.990	1142.337	1238.205	1328.018	1358.292
59.0	1079.771	1118.118	1217.013	1310.863	1337.100
59.5	1055.552	1094.908	1197.840	1289.671	1320.954
60.0	1031.333	1070.689	1176.648	1269.488	1300.771
60.5	1007.618	1047.479	1155.456	1250.315	1280.589
61.0	983.803	1024.269	1134.264	1231.141	1261.415
61.5	960.189	1001.261	1113.073	1211.968	1243.251
62.0	936.979	978.454	1092.890	1193.803	1224.077
62.5	914.072	955.850	1071.698	1175.639	1205.913
63.0	890.862	933.346	1051.516	1156.465	1189.767
63.5	867.854	911.145	1032.342	1138.301	1171.602
64.0	845.451	889.247	1012.159	1119.127	1153.438
64.5	823.149	867.854	992.986	1100.963	1135.274
65.0	801.049	846.359	973.711	1082.799	1118.118
65.5	779.252	825.369	954.639	1064.634	1099.954
66.0	757.152	804.379	935.768	1046.470	1082.799
66.5	735.556	783.894	916.998	1029.315	1065.643
67.0	714.465	763.610	898.329	1011.150	1048.488
67.5	693.274	743.629	880.064	994.197	1031.333
68.0	672.385	724.153	861.900	977.042	1015.187
68.5	651.798	704.778	844.139	960.391	998.334
69.0	631.313	685.604	826.580	943.639	982.390
69.5	611.130	666.834	809.223	927.392	966.547
70.0	591.049	648.367	792.169	911.448	950.804
70.5	571.471	630.102	775.114	895.504	935.264
71.0	552.096	612.039	758.363	879.761	919.925
71.5	532.923	594.379	742.015	864.422	904.788
72.0	514.153	576.618	725.667	849.185	890.054
72.5	495.282	559.463	709.723	834.249	875.422
73.0	476.916	542.408	693.879	819.516	860.689
73.5	459.054	525.556	678.540	804.884	846.359
74.0	441.394	509.208	663.000	790.756	831.928
74.5	424.037	492.759	648.166	776.729	818.305
75.0	406.781	476.714	633.432	763.005	805.086
75.5	389.828	461.072	618.901	749.381	791.664
76.0	373.379	445.734	604.773	735.859	778.545
76.5	357.031	430.597	590.746	722.639	765.427
77.0	340.885	415.561	576.921	709.521	752.712
77.5	325.041	400.928	563.297	696.806	740.097
78.0	309.400	386.598	550.078	684.292	727.685
78.5	294.061	372.471	536.959	671.678	715.374
79.0	279.025	358.746	524.244	659.468	703.264
79.5	264.090	345.123	511.731	647.560	691.155
80.0	249.357	331.702	499.218	635.753	679.650
80.5	235.027	318.684	487.108	623.845	667.944
81.0	221.101	305.868	475.503	612.341	656.541
81.5	206.973	293.355	463.898	600.938	645.138
82.0	193.350	281.144	452.596	589.939	634.139
82.5	180.029	269.136	441.495	578.939	623.341

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83.0	166.910	257.430	430.597	568.343	612.846
83.5	153.893	246.026	420.203	557.545	601.947
84.0	141.178	234.926	410.111	547.353	591.553
84.5	128.563	224.229	400.222	537.262	581.361
85.0	116.454	213.835	390.534	527.271	571.169
85.5	104.344	203.946	381.048	517.584	561.279
86.0	92.436	194.460	371.764	508.098	551.491
86.5	80.630	185.579	362.985	498.612	541.702
87.0	69.025	177.002	354.104	489.631	532.115
87.5	57.420	169.030	345.729	480.549	522.932
88.0	45.916	161.259	337.454	471.769	513.648
88.5	34.310	153.994	329.482	463.091	504.667
89.0	23.715	147.131	321.913	454.715	495.787
89.5	15.036	140.774	314.546	446.642	487.108
90.0	8.981	135.123	307.785	438.972	479.136
90.5	6.358	130.178	301.529	431.303	470.659
91.0	6.761	125.637	295.171	423.533	462.586
91.5	8.073	121.298	288.814	416.166	454.513
92.0	9.587	117.665	282.759	408.698	446.642
92.5	11.201	114.536	277.612	401.534	438.872
93.0	12.816	111.812	272.264	394.772	431.404
93.5	14.532	109.693	267.218	388.112	424.340
94.0	16.348	107.876	262.475	381.856	417.478
94.5	18.063	106.564	258.035	375.498	410.414
95.0	19.779	105.555	253.898	369.241	403.653
95.5	21.394	104.849	250.063	363.288	396.993
96.0	22.705	104.546	246.733	357.535	390.433
96.5	24.017	104.546	243.403	352.187	384.378
97.0	25.228	104.647	240.375	347.041	378.324
97.5	26.540	105.051	237.550	342.096	372.773
98.0	27.650	105.454	235.027	337.252	367.122
98.5	28.962	105.959	232.908	332.610	361.875
99.0	30.274	106.564	230.688	328.271	356.728
99.5	31.687	107.271	228.770	324.133	351.683
100.0	32.898	107.977	227.257	320.299	347.141
100.5	34.310	108.784	225.743	316.565	342.499
101.0	35.521	109.592	224.633	313.033	338.362
101.5	36.732	110.399	223.523	309.703	334.124
102.0	37.842	111.206	222.715	306.574	330.390
102.5	38.952	112.014	221.908	303.648	326.656
103.0	40.063	112.922	221.303	300.721	323.326
103.5	41.273	113.830	220.798	298.199	319.895
104.0	42.585	114.637	220.294	295.878	316.767
104.5	43.897	115.546	219.991	293.657	313.840
105.0	45.108	116.454	219.688	291.639	311.014
105.5	46.218	117.261	219.385	289.520	308.593
106.0	47.530	118.270	219.284	287.704	306.171
106.5	48.741	119.178	219.284	285.988	303.749
107.0	49.952	120.188	219.284	284.373	301.730
107.5	51.062	120.995	219.284	283.162	299.611
108.0	52.475	122.004	219.284	281.750	297.492
108.5	53.787	123.013	219.385	280.741	296.079
109.0	55.099	123.820	219.587	279.429	294.667
109.5	56.511	124.729	219.688	278.520	293.153
110.0	57.924	125.637	219.890	277.511	291.942
110.5	59.337	126.545	220.092	276.603	290.832

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CANDELA TABULATION - (Cont.)

111.0	60.750	127.453	220.193	275.796	289.621
111.5	62.163	128.261	220.294	275.190	288.612
112.0	63.676	129.169	220.495	274.585	287.401
112.5	65.190	130.077	220.697	273.878	286.291
113.0	66.805	130.985	221.000	273.374	285.786
113.5	68.318	131.793	221.000	272.869	285.080
114.0	69.933	132.600	221.202	272.466	284.373
114.5	71.447	133.508	221.404	271.961	283.768
115.0	73.061	134.215	221.605	271.658	283.263
115.5	74.676	135.123	221.605	271.356	282.759
116.0	76.189	135.930	221.908	270.952	282.153
116.5	77.602	136.737	222.110	270.548	281.951
117.0	79.217	137.646	222.312	270.548	281.447
117.5	80.731	138.352	222.514	270.145	281.144
118.0	82.042	139.058	222.715	269.943	280.741
118.5	83.556	139.765	222.816	269.640	280.640
119.0	84.868	140.471	223.018	269.337	280.034
119.5	86.281	140.976	223.220	269.035	279.933
120.0	87.593	141.480	223.119	268.833	279.429
120.5	88.905	142.086	223.220	268.429	279.328
121.0	90.216	142.489	223.422	268.126	278.924
121.5	91.629	142.994	223.321	267.723	278.722
122.0	92.941	143.599	223.321	267.521	278.420
122.5	94.253	144.205	223.422	267.117	277.713
123.0	95.565	144.810	223.321	266.714	277.612
123.5	96.776	145.315	223.119	266.411	277.007
124.0	97.785	145.719	223.119	266.108	276.906
124.5	98.794	146.122	223.119	265.604	276.502
125.0	99.803	146.627	222.917	265.099	276.099
125.5	100.812	146.930	222.715	264.796	275.594
126.0	101.721	147.333	222.615	264.191	275.190
126.5	102.528	147.838	222.413	263.787	274.888
127.0	103.436	148.040	222.211	263.283	274.484
127.5	104.142	148.342	221.908	262.778	273.778
128.0	105.051	148.342	221.807	262.173	273.374
128.5	105.757	148.544	221.404	261.668	272.970
129.0	106.463	148.746	221.000	261.163	272.466
129.5	107.069	149.049	220.294	260.356	271.860
130.0	107.573	149.251	219.587	259.851	271.255
130.5	108.078	149.452	218.780	259.246	270.548
131.0	108.381	149.755	217.973	258.338	269.842
131.5	108.784	150.058	217.165	257.530	269.136
132.0	109.188	150.361	216.257	257.026	268.530
132.5	109.390	150.462	215.248	256.017	267.622
133.0	109.693	150.562	214.844	255.109	266.512
133.5	109.794	150.462	214.239	254.402	266.007
134.0	109.894	150.260	213.835	253.595	265.301
134.5	110.197	149.856	213.331	252.687	263.989
135.0	110.500	149.553	212.725	251.476	262.980
135.5	110.399	148.746	212.220	250.668	262.173
136.0	110.601	148.645	211.514	249.659	261.163
136.5	110.803	148.342	211.010	248.549	260.154
137.0	110.904	147.838	210.202	247.641	259.044
137.5	111.005	147.333	209.496	246.430	258.035
138.0	111.206	147.031	208.487	245.421	256.824
138.5	111.206	146.627	207.175	244.311	255.916

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	111.105	146.324	205.661	242.999	254.503
139.5	111.105	145.920	203.845	241.586	253.494
140.0	111.105	145.416	201.826	240.274	252.081
140.5	111.105	145.113	200.010	238.660	250.567
141.0	111.105	144.911	197.992	236.944	249.357
141.5	111.105	144.508	195.973	235.431	248.146
142.0	111.005	144.306	194.056	233.513	246.834
142.5	110.904	144.003	192.038	231.798	245.320
143.0	110.803	143.700	190.120	230.183	243.806
143.5	110.803	143.297	187.900	228.467	242.394
144.0	110.803	142.792	185.983	227.156	240.779
144.5	111.105	142.389	184.066	225.642	239.366
145.0	111.509	141.985	181.947	224.330	237.752
145.5	112.215	141.480	180.029	223.018	236.137
146.0	113.124	141.077	178.213	221.605	234.623
146.5	114.032	140.673	176.699	220.092	232.908
147.0	114.940	140.168	174.983	218.578	231.192
147.5	115.747	139.967	173.672	217.064	229.477
148.0	116.656	139.563	172.259	215.349	227.660
148.5	117.463	139.462	171.149	213.734	225.844
149.0	118.472	139.462	169.938	212.120	224.229
149.5	119.178	139.765	168.828	210.404	222.211
150.0	119.986	139.967	167.718	208.789	220.092
150.5	120.692	140.068	166.507	206.973	217.872
151.0	121.197	140.370	164.892	205.157	215.248
151.5	121.701	140.471	163.177	203.239	212.826
152.0	122.307	140.673	161.562	201.221	210.404
152.5	122.912	140.875	160.048	199.102	207.780
153.0	123.316	140.976	158.434	196.680	205.661
153.5	123.820	141.278	156.718	194.157	203.239
154.0	124.224	141.178	155.205	191.331	201.221
154.5	124.729	141.278	153.893	188.607	199.203
155.0	124.931	141.480	152.581	185.478	197.689
155.5	125.334	141.581	151.269	182.552	196.074
156.0	125.637	141.581	150.361	179.424	194.662
156.5	126.142	141.581	149.452	176.295	192.845
157.0	126.343	141.783	148.544	173.470	191.130
157.5	126.646	141.783	147.939	170.745	189.212
158.0	127.050	141.682	147.636	167.920	187.396
158.5	127.151	141.682	147.232	165.599	185.277
159.0	127.655	141.379	146.930	163.378	183.460
159.5	128.059	141.178	146.425	161.259	181.442
160.0	128.563	140.976	145.920	159.544	179.424
160.5	129.169	140.875	145.517	157.929	177.506
161.0	129.573	140.572	145.416	156.214	175.589
161.5	130.178	140.471	145.214	154.498	174.176
162.0	130.683	140.269	145.517	153.085	172.965
162.5	131.187	140.269	145.719	151.572	171.552
163.0	131.793	140.168	145.820	149.957	170.341
163.5	132.297	140.168	146.021	148.241	168.828
164.0	132.499	140.168	146.223	146.122	167.415
164.5	132.802	139.967	146.021	144.508	165.599
165.0	133.105	139.967	145.719	142.893	163.782
165.5	133.407	139.866	145.416	141.783	161.865
166.0	133.710	139.765	145.214	140.572	158.938
166.5	134.013	139.765	144.911	139.563	157.526

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	134.416	139.765	144.609	138.655	156.415
167.5	134.618	139.765	144.003	137.847	155.305
168.0	134.921	139.765	143.499	137.040	154.397
168.5	135.526	139.361	142.792	136.334	153.287
169.0	135.829	139.462	142.288	135.627	152.177
169.5	136.334	139.159	141.480	134.820	150.966
170.0	136.536	139.058	140.774	133.811	149.856
170.5	136.838	138.857	139.866	132.701	148.645
171.0	137.040	138.655	138.857	131.490	147.131
171.5	137.343	138.655	137.948	130.380	145.920
172.0	137.847	138.453	137.444	129.270	144.104
172.5	138.150	138.453	136.838	128.059	142.086
173.0	138.554	138.251	136.334	126.949	138.655
173.5	139.058	138.352	136.132	125.839	133.508
174.0	139.462	138.352	136.031	124.931	127.151
174.5	139.765	138.352	135.829	124.022	119.582
175.0	140.370	138.655	135.728	123.316	111.005
175.5	140.572	138.756	135.627	123.013	102.023
176.0	140.976	138.957	135.627	122.710	96.170
176.5	141.077	139.058	135.526	122.710	92.033
177.0	141.480	139.260	135.325	122.408	87.794
177.5	141.581	139.260	135.022	122.307	86.886
178.0	141.985	139.462	134.921	122.206	87.088
178.5	142.187	139.563	135.022	122.004	87.290
179.0	142.389	139.563	134.921	121.701	87.391
179.5	142.590	139.563	134.820	121.600	87.492
180.0	127.857	127.857	127.857	127.857	127.857

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

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1155.33	N.A.	11.70
0-30	2420.81	N.A.	24.50
0-40	3888.69	N.A.	39.40
0-60	6581.1	N.A.	66.70
0-80	8198.88	N.A.	83.10
0-90	8605.74	N.A.	87.30
10-90	8304.54	N.A.	84.20
20-40	2733.36	N.A.	27.70
20-50	4178.86	N.A.	42.40
40-70	3651.49	N.A.	37.00
60-80	1617.78	N.A.	16.40
70-80	658.70	N.A.	6.70
80-90	406.87	N.A.	4.10
90-110	475.22	N.A.	4.80
90-120	675.29	N.A.	6.80
90-130	859.42	N.A.	8.70
90-150	1128.25	N.A.	11.40
90-180	1256.77	N.A.	12.70
110-180	781.55	N.A.	7.90
0-180	9862.52	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	301.20
10-20	854.13
20-30	1265.48
30-40	1467.88
40-50	1445.5
50-60	1246.91
60-70	959.08
70-80	658.70
80-90	406.87
90-100	260.68
100-110	214.54
110-120	200.06
120-130	184.13
130-140	154.73
140-150	114.11
150-160	74.61
160-170	41.11
170-180	12.80

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

UGR TABLE - CORRECTED

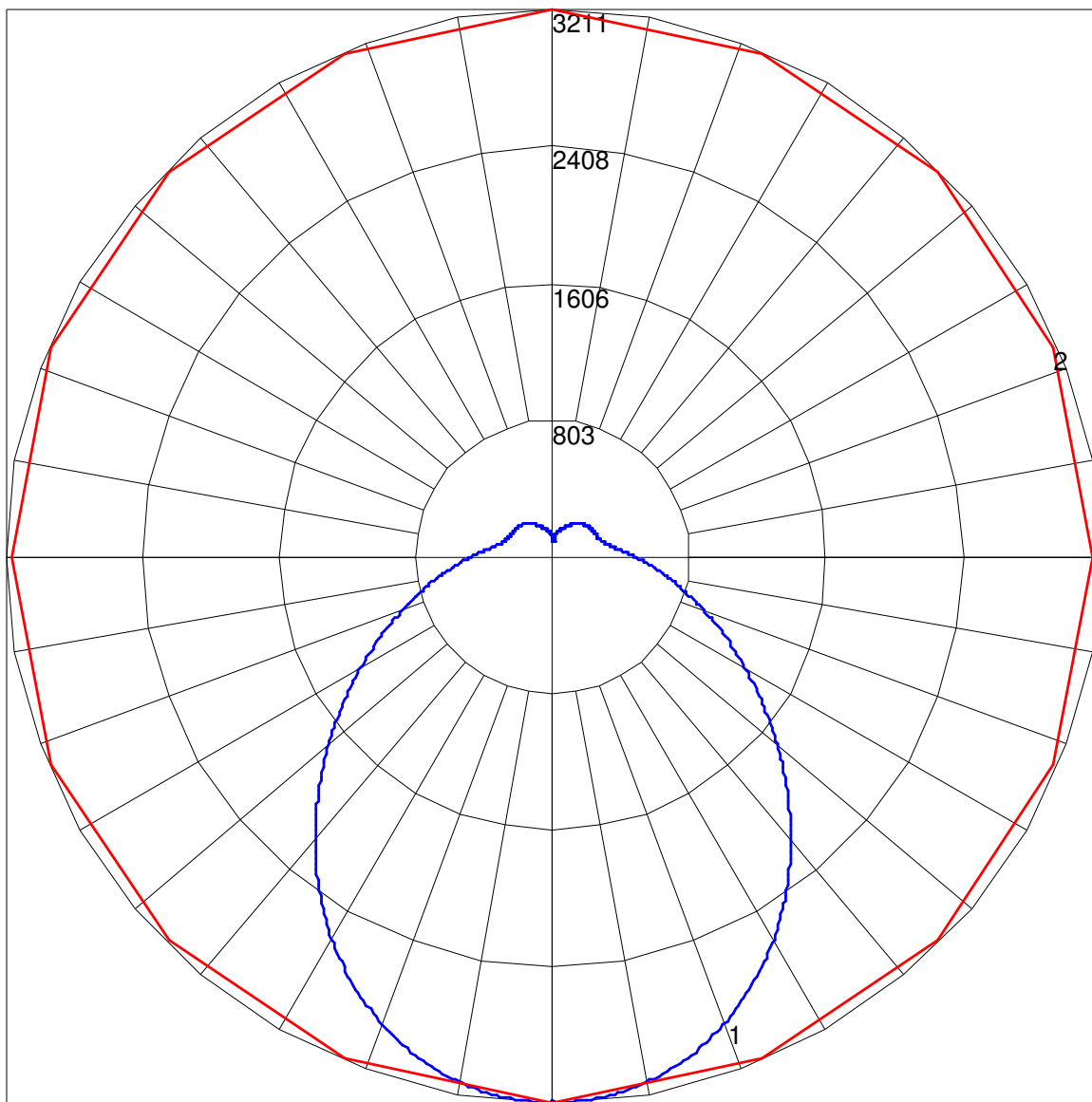
Reflectances

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	24.1	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	21.3	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 = 3211.058 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.)