

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L100-850-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-L100-850-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	10150
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	188
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	11227	10012	9848
55	9767	8591	8645
65	8272	7381	7705
75	6743	6482	7202
85	5296	6450	7609

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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	3284.855	3284.855	3284.855	3284.855	3284.855
0.5	3269.277	3281.739	3283.816	3282.777	3304.587
1.0	3269.277	3282.777	3282.777	3281.739	3303.548
1.5	3266.161	3282.777	3281.739	3280.700	3304.587
2.0	3265.123	3279.662	3281.739	3279.662	3301.471
2.5	3265.123	3279.662	3278.623	3278.623	3299.394
3.0	3262.007	3276.546	3276.546	3276.546	3297.317
3.5	3259.930	3273.431	3273.431	3274.469	3295.240
4.0	3257.853	3271.354	3271.354	3270.315	3293.163
4.5	3252.660	3268.238	3269.277	3268.238	3290.047
5.0	3249.545	3265.123	3265.123	3265.123	3286.932
5.5	3245.391	3260.968	3260.968	3262.007	3282.777
6.0	3243.314	3255.776	3256.814	3256.814	3278.623
6.5	3236.044	3251.622	3252.660	3252.660	3273.431
7.0	3231.890	3246.429	3247.468	3246.429	3269.277
7.5	3227.736	3240.198	3242.275	3242.275	3264.084
8.0	3222.543	3236.044	3236.044	3236.044	3256.814
8.5	3217.350	3228.774	3230.851	3230.851	3250.583
9.0	3209.042	3223.582	3224.620	3223.582	3243.314
9.5	3203.850	3216.312	3216.312	3216.312	3239.159
10.0	3195.541	3208.004	3208.004	3210.081	3230.851
10.5	3188.272	3200.734	3201.773	3201.773	3223.582
11.0	3181.002	3193.464	3194.503	3193.464	3215.273
11.5	3171.655	3185.156	3187.233	3185.156	3208.004
12.0	3163.347	3175.809	3177.886	3177.886	3198.657
12.5	3155.039	3166.463	3169.578	3167.501	3190.349
13.0	3145.692	3158.154	3160.232	3159.193	3181.002
13.5	3136.345	3147.769	3149.846	3149.846	3172.694
14.0	3124.922	3137.384	3139.461	3139.461	3161.270
14.5	3115.575	3126.999	3129.076	3129.076	3152.962
15.0	3106.228	3116.613	3117.652	3117.652	3140.500
15.5	3094.804	3104.151	3107.267	3107.267	3128.037
16.0	3082.342	3092.727	3095.843	3095.843	3117.652
16.5	3071.957	3080.265	3083.381	3084.419	3106.228
17.0	3057.418	3066.764	3070.918	3071.957	3093.766
17.5	3044.955	3054.302	3058.456	3059.495	3081.304
18.0	3033.531	3041.840	3044.955	3048.071	3069.880
18.5	3020.031	3029.377	3032.493	3034.570	3056.379
19.0	3006.530	3013.800	3018.992	3021.069	3041.840
19.5	2990.952	3001.337	3005.491	3009.645	3028.339
20.0	2974.336	2985.759	2990.952	2994.068	3013.800
20.5	2957.719	2972.259	2976.413	2980.567	3000.299
21.0	2944.218	2955.642	2958.758	2967.066	2985.759
21.5	2928.640	2940.064	2945.257	2949.411	2970.181
22.0	2912.024	2925.525	2930.718	2934.872	2956.681
22.5	2897.485	2906.831	2914.101	2920.332	2941.103
23.0	2879.830	2890.215	2897.485	2903.716	2924.486
23.5	2861.136	2872.560	2881.907	2888.138	2908.908
24.0	2842.443	2854.905	2864.252	2871.522	2892.292
24.5	2826.865	2837.250	2847.636	2853.867	2873.599
25.0	2809.210	2819.595	2831.019	2837.250	2856.982
25.5	2789.478	2801.940	2811.287	2820.634	2837.250
26.0	2770.785	2782.208	2794.671	2802.979	2821.672
26.5	2751.053	2762.476	2777.016	2784.285	2804.017

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27.0	2731.321	2741.706	2759.361	2768.708	2786.363
27.5	2708.473	2721.974	2739.629	2747.937	2768.708
28.0	2691.857	2702.242	2719.897	2729.244	2748.976
28.5	2670.048	2682.510	2700.165	2709.512	2729.244
29.0	2649.277	2661.740	2679.394	2690.818	2710.550
29.5	2627.468	2639.931	2658.624	2670.048	2689.780
30.0	2605.659	2619.160	2637.853	2652.393	2672.125
30.5	2582.812	2596.312	2618.121	2632.661	2651.354
31.0	2561.003	2574.503	2596.312	2611.890	2629.545
31.5	2538.155	2553.733	2575.542	2592.158	2610.852
32.0	2516.346	2529.847	2554.771	2570.349	2589.043
32.5	2492.460	2506.999	2532.962	2549.579	2568.272
33.0	2469.612	2485.190	2509.076	2528.808	2547.502
33.5	2447.803	2462.343	2488.306	2505.961	2525.693
34.0	2421.840	2438.457	2465.458	2485.190	2505.961
34.5	2397.954	2415.609	2443.649	2462.343	2483.113
35.0	2376.145	2390.685	2421.840	2441.572	2461.304
35.5	2348.105	2367.837	2397.954	2418.725	2438.457
36.0	2326.296	2342.912	2375.107	2395.877	2416.648
36.5	2299.294	2317.988	2351.221	2374.068	2395.877
37.0	2274.370	2294.102	2327.334	2350.182	2374.068
37.5	2248.407	2268.139	2304.487	2329.412	2350.182
38.0	2222.443	2243.214	2279.562	2305.525	2325.257
38.5	2195.442	2217.251	2255.676	2283.716	2302.410
39.0	2171.556	2191.288	2230.752	2259.830	2283.716
39.5	2144.554	2167.402	2206.866	2235.944	2258.792
40.0	2115.475	2140.400	2181.941	2214.135	2234.906
40.5	2088.474	2114.437	2158.055	2191.288	2212.058
41.0	2063.549	2088.474	2133.130	2167.402	2188.172
41.5	2036.547	2062.511	2108.206	2143.516	2165.325
42.0	2009.546	2036.547	2083.281	2120.668	2142.477
42.5	1983.583	2009.546	2057.318	2096.782	2118.591
43.0	1954.504	1983.583	2033.432	2073.934	2095.743
43.5	1929.579	1956.581	2007.469	2050.048	2072.896
44.0	1901.539	1929.579	1981.506	2027.201	2049.010
44.5	1875.576	1903.616	1955.543	2002.276	2025.124
45.0	1848.574	1876.615	1930.618	1980.467	2003.315
45.5	1821.573	1850.652	1905.693	1957.620	1980.467
46.0	1794.571	1823.650	1878.692	1932.695	1956.581
46.5	1767.570	1796.648	1855.844	1911.924	1933.734
47.0	1739.529	1770.685	1829.881	1887.000	1910.886
47.5	1712.528	1743.683	1803.918	1863.114	1887.000
48.0	1686.565	1716.682	1777.955	1841.305	1863.114
48.5	1657.486	1690.719	1754.069	1816.380	1840.266
49.0	1631.523	1662.679	1727.067	1792.494	1816.380
49.5	1604.521	1636.715	1702.142	1769.647	1793.533
50.0	1576.481	1609.714	1677.218	1744.722	1769.647
50.5	1550.518	1583.751	1651.255	1723.951	1747.838
51.0	1523.516	1556.749	1628.407	1700.065	1724.990
51.5	1497.553	1529.747	1602.444	1677.218	1702.142
52.0	1469.513	1503.784	1577.519	1653.332	1679.295
52.5	1442.511	1476.783	1553.633	1629.446	1657.486
53.0	1414.471	1450.819	1528.709	1608.675	1633.600
53.5	1387.469	1424.856	1504.823	1584.789	1611.791
54.0	1361.506	1398.893	1480.937	1561.942	1589.982
54.5	1336.582	1371.892	1457.051	1541.171	1568.173

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55.0	1310.619	1346.967	1433.164	1517.285	1548.441
55.5	1288.810	1321.004	1409.278	1495.476	1524.555
56.0	1263.885	1298.156	1386.431	1473.667	1502.746
56.5	1237.922	1274.270	1362.545	1451.858	1481.975
57.0	1212.997	1250.384	1339.697	1430.049	1460.166
57.5	1187.034	1225.459	1319.965	1409.278	1436.280
58.0	1161.071	1200.535	1297.118	1386.431	1418.625
58.5	1136.146	1175.610	1274.270	1366.699	1397.855
59.0	1111.222	1150.686	1252.461	1349.044	1376.046
59.5	1086.297	1126.800	1232.729	1327.235	1359.429
60.0	1061.373	1101.875	1210.920	1306.464	1338.659
60.5	1036.967	1077.989	1189.111	1286.732	1317.888
61.0	1012.458	1054.103	1167.302	1267.000	1298.156
61.5	988.157	1030.424	1145.493	1247.269	1279.463
62.0	964.270	1006.954	1124.723	1228.575	1259.731
62.5	940.696	983.691	1102.914	1209.882	1241.037
63.0	916.810	960.532	1082.143	1190.150	1224.421
63.5	893.131	937.684	1062.411	1171.456	1205.728
64.0	870.076	915.148	1041.641	1151.724	1187.034
64.5	847.125	893.131	1021.909	1133.031	1168.341
65.0	824.381	871.011	1002.073	1114.337	1150.686
65.5	801.949	849.410	982.445	1095.644	1131.992
66.0	779.205	827.808	963.024	1076.950	1114.337
66.5	756.981	806.726	943.708	1059.295	1096.682
67.0	735.276	785.852	924.495	1040.602	1079.027
67.5	713.467	765.289	905.698	1023.155	1061.373
68.0	691.969	745.246	887.004	1005.500	1044.756
68.5	670.783	725.306	868.726	988.364	1027.413
69.0	649.701	705.574	850.656	971.125	1011.004
69.5	628.931	686.257	832.793	954.404	994.699
70.0	608.264	667.252	815.242	937.996	978.498
70.5	588.117	648.455	797.691	921.587	962.505
71.0	568.177	629.865	780.452	905.386	946.719
71.5	548.445	611.691	763.627	889.601	931.142
72.0	529.128	593.413	746.803	873.919	915.979
72.5	509.708	575.758	730.395	858.549	900.920
73.0	490.807	558.207	714.090	843.386	885.758
73.5	472.425	540.864	698.304	828.328	871.011
74.0	454.251	524.040	682.311	813.788	856.160
74.5	436.388	507.112	667.045	799.353	842.140
75.0	418.629	490.599	651.882	785.229	828.535
75.5	401.182	474.502	636.927	771.209	814.723
76.0	384.254	458.716	622.388	757.292	801.222
76.5	367.430	443.139	607.953	743.688	787.721
77.0	350.814	427.665	593.725	730.187	774.636
77.5	334.509	412.606	579.705	717.102	761.654
78.0	318.412	397.859	566.100	704.224	748.880
78.5	302.626	383.320	552.599	691.242	736.210
79.0	287.152	369.196	539.514	678.676	723.748
79.5	271.782	355.176	526.636	666.421	711.286
80.0	256.620	341.363	513.758	654.271	699.447
80.5	241.872	327.966	501.296	642.016	687.400
81.0	227.541	314.777	489.353	630.177	675.664
81.5	213.001	301.899	477.410	618.442	663.929
82.0	198.981	289.333	465.778	607.122	652.609
82.5	185.273	276.975	454.355	595.802	641.497

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83.0	171.772	264.928	443.139	584.897	630.696
83.5	158.375	253.192	432.442	573.785	619.480
84.0	145.290	241.769	422.057	563.296	608.783
84.5	132.308	230.760	411.879	552.911	598.294
85.0	119.846	220.063	401.909	542.629	587.805
85.5	107.383	209.886	392.147	532.659	577.628
86.0	95.129	200.124	382.593	522.897	567.554
86.5	82.978	190.985	373.557	513.135	557.480
87.0	71.035	182.157	364.418	503.892	547.614
87.5	59.092	173.953	355.799	494.546	538.164
88.0	47.253	165.956	347.283	485.510	528.609
88.5	35.310	158.479	339.078	476.579	519.366
89.0	24.405	151.417	331.289	467.959	510.227
89.5	15.474	144.874	323.708	459.651	501.296
90.0	9.243	139.058	316.750	451.758	493.092
90.5	6.543	133.970	310.311	443.866	484.368
91.0	6.958	129.296	303.769	435.869	476.060
91.5	8.308	124.831	297.226	428.288	467.752
92.0	9.866	121.092	290.995	420.603	459.651
92.5	11.528	117.873	285.698	413.229	451.655
93.0	13.189	115.069	280.194	406.271	443.969
93.5	14.955	112.888	275.001	399.417	436.700
94.0	16.824	111.018	270.120	392.978	429.638
94.5	18.590	109.668	265.551	386.435	422.368
95.0	20.355	108.630	261.293	379.996	415.410
95.5	22.017	107.903	257.346	373.869	408.556
96.0	23.367	107.591	253.919	367.949	401.805
96.5	24.717	107.591	250.492	362.445	395.574
97.0	25.963	107.695	247.377	357.149	389.343
97.5	27.313	108.110	244.469	352.060	383.631
98.0	28.456	108.526	241.872	347.075	377.815
98.5	29.806	109.045	239.692	342.298	372.415
99.0	31.156	109.668	237.407	337.832	367.119
99.5	32.610	110.395	235.434	333.574	361.926
100.0	33.856	111.122	233.876	329.628	357.253
100.5	35.310	111.953	232.318	325.785	352.475
101.0	36.556	112.784	231.176	322.150	348.217
101.5	37.802	113.615	230.033	318.723	343.856
102.0	38.945	114.445	229.202	315.504	340.013
102.5	40.087	115.276	228.372	312.492	336.171
103.0	41.229	116.211	227.749	309.480	332.743
103.5	42.476	117.146	227.229	306.884	329.212
104.0	43.826	117.976	226.710	304.496	325.993
104.5	45.176	118.911	226.398	302.211	322.981
105.0	46.422	119.846	226.087	300.134	320.073
105.5	47.564	120.677	225.775	297.953	317.581
106.0	48.915	121.715	225.671	296.083	315.088
106.5	50.161	122.650	225.671	294.318	312.596
107.0	51.407	123.688	225.671	292.656	310.519
107.5	52.549	124.519	225.671	291.410	308.338
108.0	54.003	125.558	225.671	289.956	306.157
108.5	55.353	126.596	225.775	288.918	304.703
109.0	56.703	127.427	225.983	287.568	303.249
109.5	58.157	128.362	226.087	286.633	301.692
110.0	59.611	129.296	226.295	285.594	300.445
110.5	61.065	130.231	226.502	284.660	299.303

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CANDELA TABULATION - (Cont.)

111.0	62.519	131.166	226.606	283.829	298.057
111.5	63.973	131.997	226.710	283.206	297.018
112.0	65.531	132.931	226.918	282.583	295.772
112.5	67.089	133.866	227.125	281.856	294.630
113.0	68.750	134.801	227.437	281.336	294.110
113.5	70.308	135.631	227.437	280.817	293.383
114.0	71.970	136.462	227.645	280.402	292.656
114.5	73.528	137.397	227.852	279.882	292.033
115.0	75.189	138.124	228.060	279.571	291.514
115.5	76.851	139.058	228.060	279.259	290.995
116.0	78.409	139.889	228.372	278.844	290.372
116.5	79.863	140.720	228.579	278.429	290.164
117.0	81.524	141.655	228.787	278.429	289.645
117.5	83.082	142.382	228.995	278.013	289.333
118.0	84.432	143.109	229.202	277.805	288.918
118.5	85.990	143.836	229.306	277.494	288.814
119.0	87.340	144.563	229.514	277.182	288.191
119.5	88.794	145.082	229.722	276.871	288.087
120.0	90.144	145.601	229.618	276.663	287.568
120.5	91.494	146.224	229.722	276.248	287.464
121.0	92.844	146.640	229.929	275.936	287.048
121.5	94.298	147.159	229.826	275.521	286.841
122.0	95.648	147.782	229.826	275.313	286.529
122.5	96.998	148.405	229.929	274.898	285.802
123.0	98.348	149.028	229.826	274.482	285.698
123.5	99.595	149.548	229.618	274.171	285.075
124.0	100.633	149.963	229.618	273.859	284.971
124.5	101.672	150.378	229.618	273.340	284.556
125.0	102.710	150.898	229.410	272.821	284.140
125.5	103.749	151.209	229.202	272.509	283.621
126.0	104.683	151.625	229.099	271.886	283.206
126.5	105.514	152.144	228.891	271.470	282.894
127.0	106.449	152.352	228.683	270.951	282.479
127.5	107.176	152.663	228.372	270.432	281.752
128.0	108.110	152.663	228.268	269.809	281.336
128.5	108.837	152.871	227.852	269.290	280.921
129.0	109.564	153.079	227.437	268.770	280.402
129.5	110.188	153.390	226.710	267.939	279.779
130.0	110.707	153.598	225.983	267.420	279.156
130.5	111.226	153.806	225.152	266.797	278.429
131.0	111.538	154.117	224.321	265.862	277.702
131.5	111.953	154.429	223.491	265.032	276.975
132.0	112.368	154.740	222.556	264.512	276.351
132.5	112.576	154.844	221.517	263.474	275.417
133.0	112.888	154.948	221.102	262.539	274.274
133.5	112.992	154.844	220.479	261.812	273.755
134.0	113.095	154.636	220.063	260.981	273.028
134.5	113.407	154.221	219.544	260.047	271.678
135.0	113.718	153.909	218.921	258.800	270.640
135.5	113.615	153.079	218.402	257.970	269.809
136.0	113.822	152.975	217.675	256.931	268.770
136.5	114.030	152.663	217.156	255.789	267.732
137.0	114.134	152.144	216.325	254.854	266.589
137.5	114.238	151.625	215.598	253.608	265.551
138.0	114.445	151.313	214.559	252.569	264.305
138.5	114.445	150.898	213.209	251.427	263.370

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	114.342	150.586	211.651	250.077	261.916
139.5	114.342	150.171	209.782	248.623	260.877
140.0	114.342	149.651	207.705	247.273	259.424
140.5	114.342	149.340	205.836	245.611	257.866
141.0	114.342	149.132	203.759	243.846	256.620
141.5	114.342	148.717	201.682	242.288	255.373
142.0	114.238	148.509	199.708	240.315	254.023
142.5	114.134	148.198	197.631	238.549	252.465
143.0	114.030	147.886	195.658	236.888	250.908
143.5	114.030	147.471	193.373	235.122	249.454
144.0	114.030	146.951	191.400	233.772	247.792
144.5	114.342	146.536	189.427	232.214	246.338
145.0	114.757	146.120	187.246	230.864	244.676
145.5	115.484	145.601	185.273	229.514	243.015
146.0	116.419	145.186	183.404	228.060	241.457
146.5	117.353	144.770	181.846	226.502	239.692
147.0	118.288	144.251	180.080	224.945	237.926
147.5	119.119	144.043	178.730	223.387	236.161
148.0	120.053	143.628	177.276	221.621	234.291
148.5	120.884	143.524	176.134	219.960	232.422
149.0	121.923	143.524	174.888	218.298	230.760
149.5	122.650	143.836	173.745	216.532	228.683
150.0	123.481	144.043	172.603	214.871	226.502
150.5	124.208	144.147	171.357	213.001	224.218
151.0	124.727	144.459	169.695	211.132	221.517
151.5	125.246	144.563	167.929	209.159	219.025
152.0	125.869	144.770	166.268	207.082	216.532
152.5	126.492	144.978	164.710	204.901	213.832
153.0	126.908	145.082	163.048	202.409	211.651
153.5	127.427	145.393	161.283	199.812	209.159
154.0	127.842	145.290	159.725	196.904	207.082
154.5	128.362	145.393	158.375	194.100	205.005
155.0	128.569	145.601	157.025	190.881	203.447
155.5	128.985	145.705	155.675	187.869	201.785
156.0	129.296	145.705	154.740	184.650	200.331
156.5	129.816	145.705	153.806	181.430	198.462
157.0	130.023	145.913	152.871	178.522	196.697
157.5	130.335	145.913	152.248	175.718	194.723
158.0	130.750	145.809	151.936	172.811	192.854
158.5	130.854	145.809	151.521	170.422	190.673
159.0	131.373	145.497	151.209	168.137	188.804
159.5	131.789	145.290	150.690	165.956	186.727
160.0	132.308	145.082	150.171	164.191	184.650
160.5	132.931	144.978	149.755	162.529	182.677
161.0	133.347	144.667	149.651	160.764	180.703
161.5	133.970	144.563	149.444	158.998	179.249
162.0	134.489	144.355	149.755	157.544	178.003
162.5	135.008	144.355	149.963	155.986	176.549
163.0	135.631	144.251	150.067	154.325	175.303
163.5	136.151	144.251	150.275	152.559	173.745
164.0	136.358	144.251	150.482	150.378	172.291
164.5	136.670	144.043	150.275	148.717	170.422
165.0	136.981	144.043	149.963	147.055	168.553
165.5	137.293	143.940	149.651	145.913	166.579
166.0	137.605	143.836	149.444	144.667	163.568
166.5	137.916	143.836	149.132	143.628	162.114

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	138.332	143.836	148.821	142.693	160.971
167.5	138.539	143.836	148.198	141.863	159.829
168.0	138.851	143.836	147.678	141.032	158.894
168.5	139.474	143.420	146.951	140.305	157.752
169.0	139.785	143.524	146.432	139.578	156.610
169.5	140.305	143.213	145.601	138.747	155.363
170.0	140.512	143.109	144.874	137.708	154.221
170.5	140.824	142.901	143.940	136.566	152.975
171.0	141.032	142.693	142.901	135.320	151.417
171.5	141.343	142.693	141.966	134.177	150.171
172.0	141.863	142.486	141.447	133.035	148.301
172.5	142.174	142.486	140.824	131.789	146.224
173.0	142.589	142.278	140.305	130.646	142.693
173.5	143.109	142.382	140.097	129.504	137.397
174.0	143.524	142.382	139.993	128.569	130.854
174.5	143.836	142.382	139.785	127.635	123.065
175.0	144.459	142.693	139.682	126.908	114.238
175.5	144.667	142.797	139.578	126.596	104.995
176.0	145.082	143.005	139.578	126.285	98.971
176.5	145.186	143.109	139.474	126.285	94.713
177.0	145.601	143.316	139.266	125.973	90.352
177.5	145.705	143.316	138.955	125.869	89.417
178.0	146.120	143.524	138.851	125.765	89.625
178.5	146.328	143.628	138.955	125.558	89.832
179.0	146.536	143.628	138.851	125.246	89.936
179.5	146.744	143.628	138.747	125.142	90.040
180.0	131.581	131.581	131.581	131.581	131.581

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L100-850-HE-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1188.98	N.A.	11.70
0-30	2491.32	N.A.	24.50
0-40	4001.95	N.A.	39.40
0-60	6772.79	N.A.	66.70
0-80	8437.68	N.A.	83.10
0-90	8856.4	N.A.	87.30
10-90	8546.43	N.A.	84.20
20-40	2812.97	N.A.	27.70
20-50	4300.58	N.A.	42.40
40-70	3757.84	N.A.	37.00
60-80	1664.9	N.A.	16.40
70-80	677.88	N.A.	6.70
80-90	418.72	N.A.	4.10
90-110	489.07	N.A.	4.80
90-120	694.96	N.A.	6.80
90-130	884.45	N.A.	8.70
90-150	1161.12	N.A.	11.40
90-180	1293.38	N.A.	12.70
110-180	804.31	N.A.	7.90
0-180	10149.78	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	309.97
10-20	879.01
20-30	1302.34
30-40	1510.64
40-50	1487.61
50-60	1283.23
60-70	987.01
70-80	677.88
80-90	418.72
90-100	268.27
100-110	220.79
110-120	205.89
120-130	189.49
130-140	159.24
140-150	117.43
150-160	76.78
160-170	42.30
170-180	13.18

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L100-850-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-L100-850-HE-DIM-UNV_.IES

UGR TABLE - CORRECTED

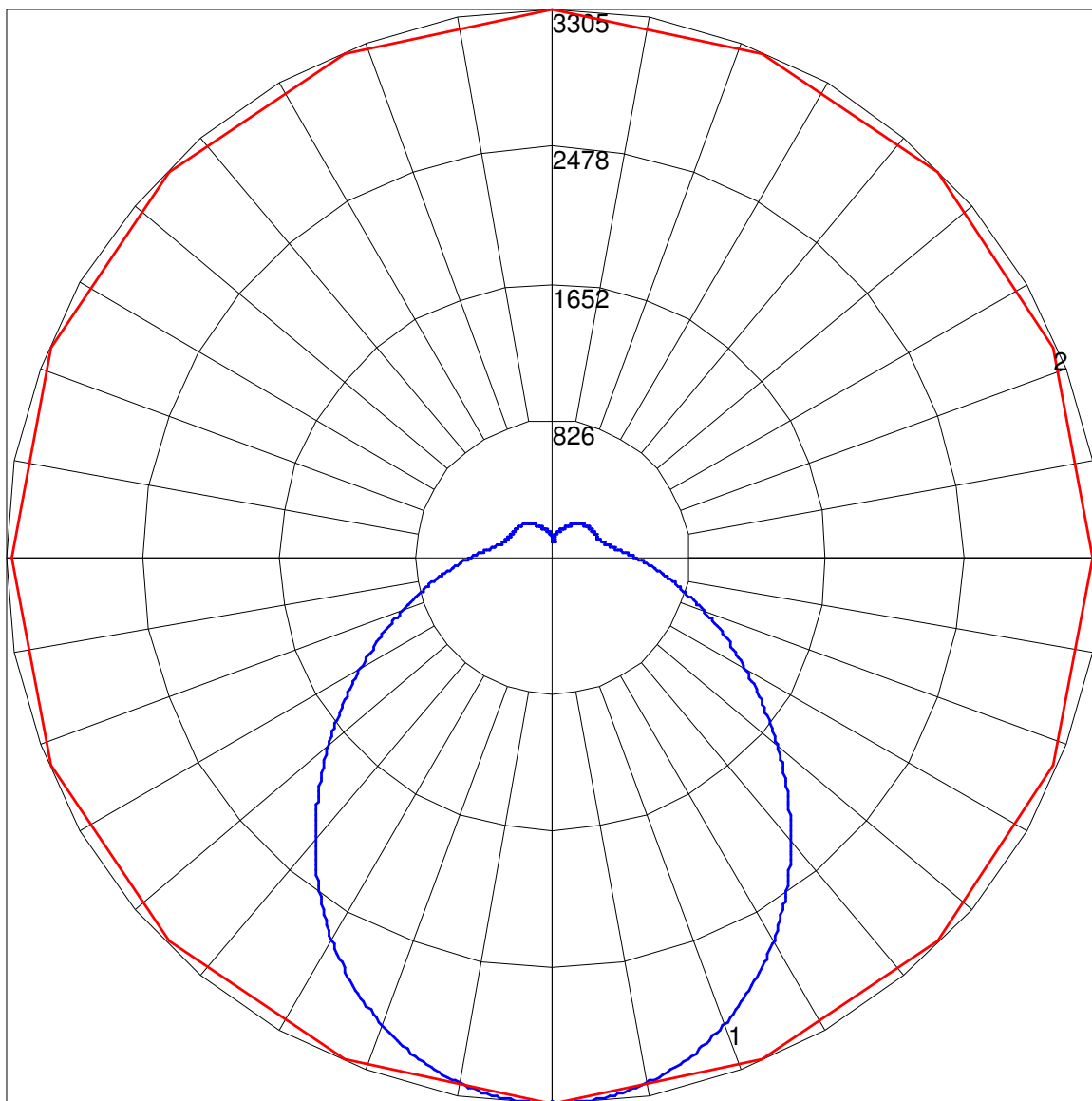
Reflectances

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	17.5	18.9	18.0	19.4	20.0	19.2	20.6	19.8	21.1	21.7
	3H	18.9	20.1	19.4	20.7	21.3	21.4	22.7	22.0	23.2	23.9
	4H	19.3	20.5	19.9	21.0	21.7	22.5	23.7	23.1	24.2	24.9
	6H	19.6	20.7	20.2	21.3	22.0	23.6	24.7	24.2	25.3	26.0
	8H	19.7	20.7	20.3	21.3	22.0	24.3	25.3	24.9	25.9	26.6
	12H	19.7	20.7	20.3	21.3	22.0	25.0	25.9	25.6	26.6	27.3
4H	2H	18.2	19.4	18.8	20.0	20.7	19.6	20.8	20.2	21.4	22.0
	3H	19.8	20.8	20.4	21.5	22.1	22.1	23.0	22.7	23.7	24.4
	4H	20.4	21.3	21.0	21.9	22.7	23.3	24.2	23.9	24.8	25.6
	6H	20.8	21.6	21.5	22.3	23.0	24.7	25.4	25.3	26.1	26.8
	8H	20.9	21.7	21.6	22.3	23.1	25.4	26.1	26.0	26.8	27.5
	12H	21.0	21.7	21.7	22.4	23.1	26.2	26.9	26.9	27.6	28.3
8H	4H	21.0	21.7	21.6	22.4	23.1	23.5	24.2	24.2	24.9	25.7
	6H	21.6	22.2	22.2	22.9	23.6	25.0	25.7	25.7	26.4	27.1
	8H	21.8	22.3	22.5	23.0	23.8	25.9	26.5	26.6	27.2	27.9
	12H	21.9	22.4	22.6	23.1	23.9	26.9	27.4	27.6	28.1	28.9
12H	4H	21.2	21.8	21.8	22.5	23.3	23.5	24.2	24.2	24.9	25.6
	6H	21.8	22.4	22.5	23.1	23.9	25.1	25.6	25.8	26.3	27.1
	8H	22.1	22.6	22.8	23.3	24.1	26.0	26.5	26.7	27.2	28.0

Maximum UGR = 28.9

POLAR GRAPH



Maximum Candela = 3304.587 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.)