

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L130-927-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-L130-927-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	9883
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	112
Total Luminaire Watts	87.9
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	10931	9749	9589
55	9509	8365	8418
65	8055	7187	7502
75	6565	6312	7012
85	5156	6280	7409

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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	3198.407	3198.407	3198.407	3198.407	3198.407
0.5	3183.239	3195.373	3197.395	3196.384	3217.619
1.0	3183.239	3196.384	3196.384	3195.373	3216.608
1.5	3180.205	3196.384	3195.373	3194.362	3217.619
2.0	3179.194	3193.351	3195.373	3193.351	3214.586
2.5	3179.194	3193.351	3192.339	3192.339	3212.563
3.0	3176.160	3190.317	3190.317	3190.317	3210.541
3.5	3174.138	3187.283	3187.283	3188.295	3208.519
4.0	3172.116	3185.261	3185.261	3184.250	3206.496
4.5	3167.060	3182.227	3183.239	3182.227	3203.463
5.0	3164.026	3179.194	3179.194	3179.194	3200.429
5.5	3159.981	3175.149	3175.149	3176.160	3196.384
6.0	3157.959	3170.093	3171.104	3171.104	3192.339
6.5	3150.880	3166.048	3167.060	3167.060	3187.283
7.0	3146.836	3160.992	3162.004	3160.992	3183.239
7.5	3142.791	3154.925	3156.948	3156.948	3178.183
8.0	3137.735	3150.880	3150.880	3150.880	3171.104
8.5	3132.679	3143.802	3145.825	3145.825	3165.037
9.0	3124.589	3138.746	3139.757	3138.746	3157.959
9.5	3119.533	3131.668	3131.668	3131.668	3153.914
10.0	3111.444	3123.578	3123.578	3125.601	3145.825
10.5	3104.366	3116.500	3117.511	3117.511	3138.746
11.0	3097.287	3109.422	3110.433	3109.422	3130.657
11.5	3088.186	3101.332	3103.354	3101.332	3123.578
12.0	3080.097	3092.231	3094.254	3094.254	3114.477
12.5	3072.007	3083.130	3086.164	3084.142	3106.388
13.0	3062.907	3075.041	3077.063	3076.052	3097.287
13.5	3053.806	3064.929	3066.951	3066.951	3089.198
14.0	3042.683	3054.817	3056.839	3056.839	3078.075
14.5	3033.582	3044.705	3046.727	3046.727	3069.985
15.0	3024.481	3034.593	3035.604	3035.604	3057.851
15.5	3013.358	3022.459	3025.492	3025.492	3045.716
16.0	3001.224	3011.336	3014.369	3014.369	3035.604
16.5	2991.112	2999.201	3002.235	3003.246	3024.481
17.0	2976.955	2986.056	2990.101	2991.112	3012.347
17.5	2964.821	2973.922	2977.966	2978.977	3000.213
18.0	2953.698	2961.787	2964.821	2967.854	2989.089
18.5	2940.552	2949.653	2952.686	2954.709	2975.944
19.0	2927.407	2934.485	2939.541	2941.563	2961.787
19.5	2912.239	2922.351	2926.395	2930.440	2948.642
20.0	2896.060	2907.183	2912.239	2915.272	2934.485
20.5	2879.880	2894.037	2898.082	2902.127	2921.339
21.0	2866.735	2877.858	2880.892	2888.981	2907.183
21.5	2851.567	2862.690	2867.746	2871.791	2892.015
22.0	2835.388	2848.533	2853.589	2857.634	2878.869
22.5	2821.231	2830.332	2837.410	2843.478	2863.701
23.0	2804.041	2814.153	2821.231	2827.298	2847.522
23.5	2785.839	2796.963	2806.063	2812.130	2832.354
24.0	2767.638	2779.772	2788.873	2795.951	2816.175
24.5	2752.470	2762.582	2772.694	2778.761	2797.974
25.0	2735.280	2745.392	2756.515	2762.582	2781.795
25.5	2716.067	2728.201	2737.302	2746.403	2762.582
26.0	2697.866	2708.989	2721.123	2729.213	2747.414
26.5	2678.653	2689.776	2703.933	2711.011	2730.224

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**CANDELA TABULATION - (Cont.)**

27.0	2659.440	2669.552	2686.742	2695.843	2713.033
27.5	2637.194	2650.339	2667.530	2675.619	2695.843
28.0	2621.015	2631.127	2648.317	2657.418	2676.630
28.5	2599.780	2611.914	2629.104	2638.205	2657.418
29.0	2579.556	2591.690	2608.880	2620.004	2639.216
29.5	2558.321	2570.455	2588.657	2599.780	2618.992
30.0	2537.086	2550.231	2568.433	2582.589	2601.802
30.5	2514.839	2527.985	2549.220	2563.377	2581.578
31.0	2493.604	2506.750	2527.985	2543.153	2560.343
31.5	2471.358	2486.526	2507.761	2523.940	2542.142
32.0	2450.123	2463.269	2487.537	2502.705	2520.907
32.5	2426.866	2441.022	2466.302	2482.481	2500.683
33.0	2404.619	2419.787	2443.045	2462.257	2480.459
33.5	2383.384	2397.541	2422.821	2440.011	2459.224
34.0	2358.104	2374.283	2400.575	2419.787	2440.011
34.5	2334.847	2352.037	2379.339	2397.541	2417.765
35.0	2313.612	2327.769	2358.104	2377.317	2396.530
35.5	2286.310	2305.522	2334.847	2355.071	2374.283
36.0	2265.075	2281.254	2312.601	2332.825	2353.048
36.5	2238.783	2256.985	2289.343	2311.589	2332.825
37.0	2214.515	2233.728	2266.086	2288.332	2311.589
37.5	2189.235	2208.448	2243.839	2268.108	2288.332
38.0	2163.955	2184.179	2219.571	2244.851	2264.063
38.5	2137.664	2158.899	2196.313	2223.616	2241.817
39.0	2114.407	2133.619	2172.045	2200.358	2223.616
39.5	2088.116	2110.362	2148.787	2177.101	2199.347
40.0	2059.802	2084.071	2124.519	2155.866	2176.089
40.5	2033.511	2058.791	2101.261	2133.619	2153.843
41.0	2009.242	2033.511	2076.992	2110.362	2130.586
41.5	1982.951	2008.231	2052.724	2087.104	2108.339
42.0	1956.660	1982.951	2028.455	2064.858	2086.093
42.5	1931.381	1956.660	2003.175	2041.601	2062.836
43.0	1903.067	1931.381	1979.918	2019.354	2040.589
43.5	1878.798	1905.089	1954.638	1996.097	2018.343
44.0	1851.496	1878.798	1929.358	1973.851	1995.086
44.5	1826.216	1853.519	1904.078	1949.582	1971.828
45.0	1799.925	1827.228	1879.810	1928.347	1950.593
45.5	1773.634	1801.948	1855.541	1906.101	1928.347
46.0	1747.343	1775.657	1829.250	1881.832	1905.089
46.5	1721.052	1749.366	1807.004	1861.608	1882.843
47.0	1693.750	1724.086	1781.724	1837.339	1860.597
47.5	1667.459	1697.795	1756.444	1814.082	1837.339
48.0	1642.179	1671.504	1731.164	1792.847	1814.082
48.5	1613.866	1646.224	1707.907	1768.578	1791.836
49.0	1588.586	1618.922	1681.616	1745.321	1768.578
49.5	1562.295	1593.642	1657.347	1723.075	1746.332
50.0	1534.992	1567.351	1633.078	1698.806	1723.075
50.5	1509.713	1542.071	1607.798	1678.582	1701.839
51.0	1483.422	1515.780	1585.552	1655.325	1679.593
51.5	1458.142	1489.489	1560.272	1633.078	1657.347
52.0	1430.839	1464.209	1536.004	1609.821	1635.101
52.5	1404.548	1437.918	1512.746	1586.563	1613.866
53.0	1377.246	1412.638	1488.478	1566.339	1590.608
53.5	1350.955	1387.358	1465.220	1543.082	1569.373
54.0	1325.675	1362.078	1441.963	1520.836	1548.138
54.5	1301.407	1335.787	1418.705	1500.612	1526.903

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55.0	1276.127	1311.519	1395.448	1477.354	1507.690
55.5	1254.892	1286.239	1372.190	1456.119	1484.433
56.0	1230.623	1263.992	1349.944	1434.884	1463.198
56.5	1205.343	1240.735	1326.687	1413.649	1442.974
57.0	1181.075	1217.478	1304.440	1392.414	1421.739
57.5	1155.795	1193.209	1285.228	1372.190	1398.481
58.0	1130.515	1168.940	1262.981	1349.944	1381.291
58.5	1106.246	1144.672	1240.735	1330.731	1361.067
59.0	1081.978	1120.403	1219.500	1313.541	1339.832
59.5	1057.709	1097.145	1200.287	1292.306	1323.653
60.0	1033.440	1072.877	1179.052	1272.082	1303.429
60.5	1009.677	1049.619	1157.817	1252.869	1283.205
61.0	985.813	1026.362	1136.582	1233.657	1263.992
61.5	962.151	1003.307	1115.347	1214.444	1245.791
62.0	938.894	980.454	1095.123	1196.242	1226.578
62.5	915.940	957.803	1073.888	1178.041	1208.377
63.0	892.682	935.253	1053.664	1158.828	1192.198
63.5	869.627	913.007	1034.451	1140.627	1173.996
64.0	847.178	891.064	1014.228	1121.414	1155.795
64.5	824.831	869.627	995.015	1103.213	1137.593
65.0	802.686	848.088	975.701	1085.011	1120.403
65.5	780.844	827.056	956.590	1066.810	1102.201
66.0	758.699	806.023	937.680	1048.608	1085.011
66.5	737.059	785.495	918.872	1031.418	1067.821
67.0	715.925	765.170	900.165	1013.216	1050.631
67.5	694.690	745.149	881.862	996.228	1033.440
68.0	673.759	725.633	863.661	979.038	1017.261
68.5	653.130	706.218	845.864	962.353	1000.374
69.0	632.603	687.005	828.269	945.568	984.397
69.5	612.379	668.197	810.876	929.287	968.522
70.0	592.256	649.692	793.787	913.310	952.747
70.5	572.639	631.390	776.698	897.334	937.175
71.0	553.224	613.289	759.912	881.559	921.804
71.5	534.012	595.593	743.531	866.189	906.637
72.0	515.203	577.796	727.150	850.920	891.873
72.5	496.294	560.606	711.173	835.954	877.211
73.0	477.890	543.517	695.297	821.191	862.447
73.5	459.992	526.630	679.927	806.528	848.088
74.0	442.296	510.248	664.354	792.372	833.628
74.5	424.904	493.766	649.490	778.316	819.977
75.0	407.612	477.688	634.726	764.564	806.731
75.5	390.624	462.015	620.165	750.913	793.282
76.0	374.142	446.644	606.009	737.363	780.136
76.5	357.760	431.476	591.953	724.116	766.991
77.0	341.581	416.410	578.100	710.970	754.250
77.5	325.706	401.747	564.448	698.229	741.610
78.0	310.032	387.388	551.202	685.691	729.172
78.5	294.662	373.232	538.056	673.051	716.835
79.0	279.595	359.479	525.315	660.815	704.701
79.5	264.629	345.828	512.776	648.883	692.567
80.0	249.866	332.379	500.238	637.052	681.039
80.5	235.507	319.335	488.103	625.120	669.309
81.0	221.553	306.493	476.475	613.593	657.883
81.5	207.396	293.954	464.846	602.166	646.456
82.0	193.745	281.719	453.521	591.144	635.434
82.5	180.397	269.685	442.397	580.122	624.615

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**CANDELA TABULATION - (Cont.)**

83.0	167.251	257.956	431.476	569.504	614.098
83.5	154.207	246.529	421.061	558.685	603.177
84.0	141.466	235.406	410.949	548.472	592.762
84.5	128.826	224.687	401.040	538.360	582.549
85.0	116.692	214.272	391.332	528.349	572.336
85.5	104.557	204.362	381.827	518.641	562.426
86.0	92.625	194.857	372.524	509.136	552.618
86.5	80.794	185.959	363.726	499.631	542.809
87.0	69.166	177.363	354.828	490.631	533.203
87.5	57.537	169.375	346.435	481.531	524.001
88.0	46.009	161.589	338.143	472.733	514.698
88.5	34.381	154.308	330.155	464.037	505.698
89.0	23.763	147.432	322.571	455.644	496.800
89.5	15.067	141.062	315.189	447.554	488.103
90.0	9.000	135.399	308.414	439.869	480.115
90.5	6.371	130.444	302.145	432.184	471.621
91.0	6.775	125.894	295.774	424.398	463.531
91.5	8.090	121.546	289.404	417.016	455.442
92.0	9.606	117.905	283.337	409.534	447.554
92.5	11.224	114.771	278.179	402.354	439.768
93.0	12.842	112.040	272.820	395.579	432.285
93.5	14.561	109.917	267.764	388.905	425.207
94.0	16.381	108.097	263.012	382.636	418.331
94.5	18.100	106.782	258.562	376.265	411.253
95.0	19.819	105.771	254.416	369.996	404.478
95.5	21.437	105.063	250.574	364.030	397.804
96.0	22.752	104.760	247.237	358.266	391.231
96.5	24.066	104.760	243.900	352.907	385.164
97.0	25.280	104.861	240.866	347.750	379.097
97.5	26.594	105.265	238.035	342.795	373.535
98.0	27.707	105.670	235.507	337.941	367.872
98.5	29.021	106.175	233.384	333.290	362.614
99.0	30.336	106.782	231.159	328.941	357.457
99.5	31.751	107.490	229.238	324.796	352.401
100.0	32.965	108.198	227.721	320.953	347.851
100.5	34.381	109.007	226.204	317.212	343.199
101.0	35.594	109.816	225.092	313.672	339.053
101.5	36.807	110.625	223.979	310.335	334.806
102.0	37.920	111.434	223.171	307.201	331.065
102.5	39.032	112.243	222.362	304.268	327.323
103.0	40.144	113.153	221.755	301.336	323.987
103.5	41.358	114.063	221.249	298.808	320.548
104.0	42.672	114.872	220.744	296.482	317.414
104.5	43.987	115.782	220.440	294.257	314.481
105.0	45.200	116.692	220.137	292.235	311.650
105.5	46.313	117.501	219.834	290.112	309.223
106.0	47.627	118.512	219.732	288.291	306.796
106.5	48.841	119.422	219.732	286.572	304.369
107.0	50.054	120.433	219.732	284.954	302.347
107.5	51.166	121.242	219.732	283.741	300.223
108.0	52.582	122.253	219.732	282.325	298.100
108.5	53.897	123.265	219.834	281.314	296.684
109.0	55.211	124.074	220.036	280.000	295.269
109.5	56.627	124.984	220.137	279.090	293.752
110.0	58.043	125.894	220.339	278.078	292.538
110.5	59.458	126.804	220.541	277.168	291.426

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**CANDELA TABULATION - (Cont.)**

111.0	60.874	127.714	220.643	276.359	290.213
111.5	62.290	128.523	220.744	275.753	289.201
112.0	63.806	129.433	220.946	275.146	287.988
112.5	65.323	130.343	221.148	274.438	286.876
113.0	66.941	131.253	221.451	273.932	286.370
113.5	68.458	132.062	221.451	273.427	285.662
114.0	70.076	132.871	221.654	273.022	284.954
114.5	71.593	133.781	221.856	272.517	284.348
115.0	73.210	134.489	222.058	272.213	283.842
115.5	74.828	135.399	222.058	271.910	283.337
116.0	76.345	136.208	222.362	271.506	282.730
116.5	77.761	137.017	222.564	271.101	282.528
117.0	79.379	137.927	222.766	271.101	282.022
117.5	80.896	138.635	222.968	270.697	281.719
118.0	82.210	139.343	223.171	270.494	281.314
118.5	83.727	140.050	223.272	270.191	281.213
119.0	85.041	140.758	223.474	269.888	280.606
119.5	86.457	141.264	223.676	269.584	280.505
120.0	87.772	141.769	223.575	269.382	280.000
120.5	89.086	142.376	223.676	268.978	279.898
121.0	90.401	142.781	223.878	268.674	279.494
121.5	91.816	143.286	223.777	268.270	279.292
122.0	93.131	143.893	223.777	268.068	278.988
122.5	94.446	144.500	223.878	267.663	278.281
123.0	95.760	145.106	223.777	267.259	278.179
123.5	96.974	145.612	223.575	266.955	277.573
124.0	97.985	146.016	223.575	266.652	277.472
124.5	98.996	146.421	223.575	266.146	277.067
125.0	100.007	146.926	223.373	265.641	276.663
125.5	101.018	147.230	223.171	265.337	276.157
126.0	101.928	147.634	223.069	264.731	275.753
126.5	102.737	148.140	222.867	264.326	275.449
127.0	103.647	148.342	222.665	263.821	275.045
127.5	104.355	148.646	222.362	263.315	274.337
128.0	105.265	148.646	222.260	262.708	273.932
128.5	105.973	148.848	221.856	262.203	273.528
129.0	106.681	149.050	221.451	261.697	273.022
129.5	107.288	149.353	220.744	260.888	272.416
130.0	107.793	149.556	220.036	260.382	271.809
130.5	108.299	149.758	219.227	259.776	271.101
131.0	108.602	150.061	218.418	258.866	270.393
131.5	109.007	150.365	217.609	258.057	269.685
132.0	109.411	150.668	216.699	257.551	269.079
132.5	109.613	150.769	215.688	256.540	268.169
133.0	109.917	150.870	215.283	255.630	267.056
133.5	110.018	150.769	214.676	254.922	266.551
134.0	110.119	150.567	214.272	254.113	265.843
134.5	110.422	150.162	213.766	253.203	264.528
135.0	110.726	149.859	213.160	251.990	263.517
135.5	110.625	149.050	212.654	251.181	262.708
136.0	110.827	148.949	211.946	250.169	261.697
136.5	111.029	148.646	211.441	249.057	260.686
137.0	111.130	148.140	210.632	248.147	259.573
137.5	111.231	147.634	209.924	246.934	258.562
138.0	111.434	147.331	208.913	245.922	257.349
138.5	111.434	146.926	207.598	244.810	256.439

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

139.0	111.332	146.623	206.081	243.496	255.023
139.5	111.332	146.219	204.261	242.080	254.012
140.0	111.332	145.713	202.239	240.765	252.596
140.5	111.332	145.410	200.419	239.147	251.079
141.0	111.332	145.207	198.396	237.428	249.866
141.5	111.332	144.803	196.374	235.912	248.653
142.0	111.231	144.601	194.453	233.990	247.338
142.5	111.130	144.297	192.430	232.271	245.821
143.0	111.029	143.994	190.509	230.653	244.304
143.5	111.029	143.590	188.284	228.934	242.889
144.0	111.029	143.084	186.363	227.620	241.271
144.5	111.332	142.679	184.442	226.103	239.855
145.0	111.737	142.275	182.318	224.788	238.237
145.5	112.445	141.769	180.397	223.474	236.619
146.0	113.355	141.365	178.577	222.058	235.103
146.5	114.265	140.960	177.060	220.541	233.384
147.0	115.175	140.455	175.341	219.025	231.665
147.5	115.984	140.253	174.026	217.508	229.946
148.0	116.894	139.848	172.611	215.789	228.125
148.5	117.703	139.747	171.499	214.171	226.305
149.0	118.714	139.747	170.285	212.553	224.687
149.5	119.422	140.050	169.173	210.834	222.665
150.0	120.231	140.253	168.060	209.216	220.541
150.5	120.939	140.354	166.847	207.396	218.317
151.0	121.444	140.657	165.229	205.576	215.688
151.5	121.950	140.758	163.510	203.654	213.261
152.0	122.557	140.960	161.892	201.632	210.834
152.5	123.163	141.163	160.375	199.509	208.205
153.0	123.568	141.264	158.757	197.082	206.081
153.5	124.074	141.567	157.038	194.554	203.654
154.0	124.478	141.466	155.522	191.722	201.632
154.5	124.984	141.567	154.207	188.992	199.610
155.0	125.186	141.769	152.893	185.857	198.093
155.5	125.590	141.871	151.578	182.925	196.475
156.0	125.894	141.871	150.668	179.790	195.059
156.5	126.399	141.871	149.758	176.656	193.239
157.0	126.601	142.073	148.848	173.824	191.520
157.5	126.905	142.073	148.241	171.094	189.599
158.0	127.309	141.972	147.938	168.263	187.779
158.5	127.410	141.972	147.533	165.937	185.655
159.0	127.916	141.668	147.230	163.712	183.835
159.5	128.321	141.466	146.724	161.589	181.813
160.0	128.826	141.264	146.219	159.870	179.790
160.5	129.433	141.163	145.814	158.252	177.869
161.0	129.837	140.859	145.713	156.533	175.948
161.5	130.444	140.758	145.511	154.814	174.532
162.0	130.950	140.556	145.814	153.398	173.319
162.5	131.455	140.556	146.016	151.881	171.903
163.0	132.062	140.455	146.118	150.263	170.690
163.5	132.568	140.455	146.320	148.544	169.173
164.0	132.770	140.455	146.522	146.421	167.757
164.5	133.073	140.253	146.320	144.803	165.937
165.0	133.376	140.253	146.016	143.185	164.117
165.5	133.680	140.151	145.713	142.073	162.196
166.0	133.983	140.050	145.511	140.859	159.263
166.5	134.287	140.050	145.207	139.848	157.847

IES INDOOR REPORT  
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CANDELA TABULATION - (Cont.)

167.0	134.691	140.050	144.904	138.938	156.735
167.5	134.893	140.050	144.297	138.129	155.623
168.0	135.197	140.050	143.792	137.320	154.713
168.5	135.803	139.646	143.084	136.612	153.600
169.0	136.107	139.747	142.578	135.904	152.488
169.5	136.612	139.444	141.769	135.096	151.275
170.0	136.815	139.343	141.062	134.084	150.162
170.5	137.118	139.140	140.151	132.972	148.949
171.0	137.320	138.938	139.140	131.759	147.432
171.5	137.624	138.938	138.230	130.646	146.219
172.0	138.129	138.736	137.725	129.534	144.399
172.5	138.432	138.736	137.118	128.321	142.376
173.0	138.837	138.534	136.612	127.208	138.938
173.5	139.343	138.635	136.410	126.096	133.781
174.0	139.747	138.635	136.309	125.186	127.410
174.5	140.050	138.635	136.107	124.276	119.826
175.0	140.657	138.938	136.006	123.568	111.231
175.5	140.859	139.039	135.904	123.265	102.232
176.0	141.264	139.241	135.904	122.961	96.367
176.5	141.365	139.343	135.803	122.961	92.221
177.0	141.769	139.545	135.601	122.658	87.974
177.5	141.871	139.545	135.298	122.557	87.064
178.0	142.275	139.747	135.197	122.456	87.266
178.5	142.477	139.848	135.298	122.253	87.468
179.0	142.679	139.848	135.197	121.950	87.569
179.5	142.882	139.848	135.096	121.849	87.671
180.0	128.118	128.118	128.118	128.118	128.118



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L130-927-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	1157.69	N.A.	11.70
0-30	2425.75	N.A.	24.50
0-40	3896.63	N.A.	39.40
0-60	6594.55	N.A.	66.70
0-80	8215.63	N.A.	83.10
0-90	8623.33	N.A.	87.30
10-90	8321.51	N.A.	84.20
20-40	2738.94	N.A.	27.70
20-50	4187.4	N.A.	42.40
40-70	3658.95	N.A.	37.00
60-80	1621.08	N.A.	16.40
70-80	660.04	N.A.	6.70
80-90	407.70	N.A.	4.10
90-110	476.19	N.A.	4.80
90-120	676.67	N.A.	6.80
90-130	861.17	N.A.	8.70
90-150	1130.56	N.A.	11.40
90-180	1259.34	N.A.	12.70
110-180	783.15	N.A.	7.90
0-180	9882.67	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	301.81
10-20	855.88
20-30	1268.06
30-40	1470.88
40-50	1448.46
50-60	1249.45
60-70	961.04
70-80	660.04
80-90	407.70
90-100	261.21
100-110	214.98
110-120	200.47
120-130	184.50
130-140	155.05
140-150	114.34
150-160	74.76
160-170	41.19
170-180	12.83

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L130-927-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-L130-927-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

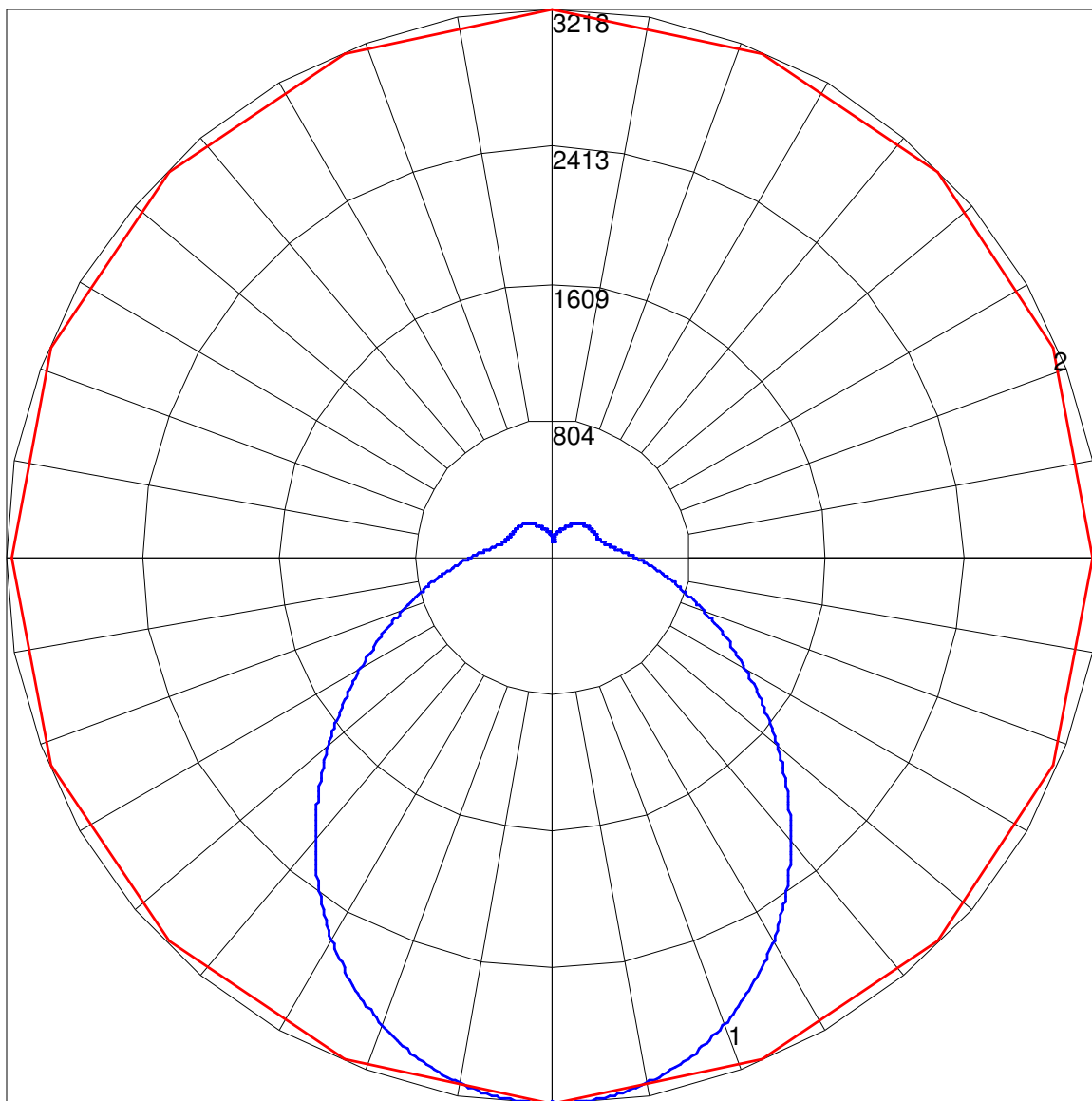
Reflectances

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 = 3217.619 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.)