

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L100-935-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-L100-935-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	7942
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	121
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	8784	7834	7705
55	7642	6722	6764
65	6473	5775	6029
75	5276	5072	5635
85	4143	5046	5954

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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	2570.222	2570.222	2570.222	2570.222	2570.222
0.5	2558.033	2567.784	2569.409	2568.596	2585.661
1.0	2558.033	2568.596	2568.596	2567.784	2584.848
1.5	2555.595	2568.596	2567.784	2566.971	2585.661
2.0	2554.782	2566.159	2567.784	2566.159	2583.223
2.5	2554.782	2566.159	2565.346	2565.346	2581.598
3.0	2552.345	2563.721	2563.721	2563.721	2579.973
3.5	2550.719	2561.283	2561.283	2562.096	2578.348
4.0	2549.094	2559.658	2559.658	2558.845	2576.722
4.5	2545.031	2557.220	2558.033	2557.220	2574.285
5.0	2542.594	2554.782	2554.782	2554.782	2571.847
5.5	2539.343	2551.532	2551.532	2552.345	2568.596
6.0	2537.718	2547.469	2548.282	2548.282	2565.346
6.5	2532.030	2544.219	2545.031	2545.031	2561.283
7.0	2528.780	2540.156	2540.968	2540.156	2558.033
7.5	2525.529	2535.280	2536.905	2536.905	2553.970
8.0	2521.466	2532.030	2532.030	2532.030	2548.282
8.5	2517.403	2526.342	2527.967	2527.967	2543.406
9.0	2510.903	2522.279	2523.091	2522.279	2537.718
9.5	2506.840	2516.591	2516.591	2516.591	2534.468
10.0	2500.339	2510.090	2510.090	2511.715	2527.967
10.5	2494.651	2504.402	2505.214	2505.214	2522.279
11.0	2488.963	2498.714	2499.526	2498.714	2515.778
11.5	2481.649	2492.213	2493.838	2492.213	2510.090
12.0	2475.149	2484.900	2486.525	2486.525	2502.777
12.5	2468.648	2477.586	2480.024	2478.399	2496.276
13.0	2461.335	2471.086	2472.711	2471.898	2488.963
13.5	2454.021	2462.960	2464.585	2464.585	2482.462
14.0	2445.083	2454.834	2456.459	2456.459	2473.523
14.5	2437.769	2446.708	2448.333	2448.333	2467.023
15.0	2430.456	2438.582	2439.395	2439.395	2457.272
15.5	2421.518	2428.831	2431.269	2431.269	2447.521
16.0	2411.767	2419.892	2422.330	2422.330	2439.395
16.5	2403.641	2410.141	2412.579	2413.392	2430.456
17.0	2392.264	2399.578	2402.828	2403.641	2420.705
17.5	2382.513	2389.827	2393.077	2393.890	2410.954
18.0	2373.575	2380.076	2382.513	2384.951	2402.016
18.5	2363.011	2370.325	2372.762	2374.387	2391.452
19.0	2352.448	2358.136	2362.199	2363.824	2380.076
19.5	2340.259	2348.385	2351.635	2354.885	2369.512
20.0	2327.257	2336.196	2340.259	2342.696	2358.136
20.5	2314.256	2325.632	2328.882	2332.133	2347.572
21.0	2303.692	2312.631	2315.068	2321.569	2336.196
21.5	2291.503	2300.442	2304.505	2307.755	2324.007
22.0	2278.502	2289.066	2293.128	2296.379	2313.443
22.5	2267.126	2274.439	2280.127	2285.003	2301.254
23.0	2253.312	2261.437	2267.126	2272.001	2288.253
23.5	2238.685	2247.623	2254.937	2259.812	2276.064
24.0	2224.058	2233.809	2241.123	2246.811	2263.063
24.5	2211.870	2219.995	2228.121	2232.997	2248.436
25.0	2198.055	2206.181	2215.120	2219.995	2235.435
25.5	2182.616	2192.367	2199.681	2206.994	2219.995
26.0	2167.990	2176.928	2186.679	2193.180	2207.807
26.5	2152.550	2161.489	2172.865	2178.553	2193.993

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27.0	2137.111	2145.237	2159.051	2166.364	2180.178
27.5	2119.234	2129.798	2143.612	2150.113	2166.364
28.0	2106.233	2114.359	2128.173	2135.486	2150.925
28.5	2089.168	2098.920	2112.734	2120.047	2135.486
29.0	2072.917	2082.668	2096.482	2105.420	2120.859
29.5	2055.852	2065.603	2080.230	2089.168	2104.608
30.0	2038.788	2049.352	2063.978	2075.354	2090.794
30.5	2020.911	2031.475	2048.539	2059.915	2074.542
31.0	2003.847	2014.410	2031.475	2043.663	2057.477
31.5	1985.970	1998.158	2015.223	2028.224	2042.851
32.0	1968.905	1979.469	1998.971	2011.160	2025.786
32.5	1950.216	1961.592	1981.907	1994.908	2009.535
33.0	1932.339	1944.527	1963.217	1978.656	1993.283
33.5	1915.274	1926.650	1946.965	1960.779	1976.218
34.0	1894.959	1907.961	1929.088	1944.527	1960.779
34.5	1876.270	1890.084	1912.024	1926.650	1942.902
35.0	1859.206	1870.582	1894.959	1910.399	1925.838
35.5	1837.266	1852.705	1876.270	1892.522	1907.961
36.0	1820.201	1833.203	1858.393	1874.645	1890.897
36.5	1799.074	1813.700	1839.703	1857.580	1874.645
37.0	1779.572	1795.011	1821.014	1838.891	1857.580
37.5	1759.257	1774.696	1803.137	1822.639	1838.891
38.0	1738.942	1755.194	1783.635	1803.949	1819.389
38.5	1717.815	1734.879	1764.945	1786.885	1801.512
39.0	1699.125	1714.565	1745.443	1768.195	1786.885
39.5	1677.998	1695.875	1726.753	1749.506	1767.383
40.0	1655.245	1674.748	1707.251	1732.442	1748.693
40.5	1634.118	1654.433	1688.562	1714.565	1730.816
41.0	1614.616	1634.118	1669.059	1695.875	1712.127
41.5	1593.489	1613.803	1649.557	1677.185	1694.250
42.0	1572.361	1593.489	1630.055	1659.308	1676.373
42.5	1552.047	1572.361	1609.740	1640.619	1657.683
43.0	1529.294	1552.047	1591.051	1622.742	1639.806
43.5	1509.792	1530.919	1570.736	1604.052	1621.929
44.0	1487.852	1509.792	1550.421	1586.175	1603.240
44.5	1467.537	1489.477	1530.107	1566.673	1584.550
45.0	1446.410	1468.350	1510.604	1549.609	1567.486
45.5	1425.283	1448.035	1491.102	1531.732	1549.609
46.0	1404.155	1426.908	1469.975	1512.230	1530.919
46.5	1383.028	1405.780	1452.098	1495.978	1513.042
47.0	1361.088	1385.466	1431.783	1476.476	1495.165
47.5	1339.961	1364.338	1411.469	1457.786	1476.476
48.0	1319.646	1343.211	1391.154	1440.722	1457.786
48.5	1296.893	1322.896	1372.464	1421.220	1439.909
49.0	1276.579	1300.956	1351.337	1402.530	1421.220
49.5	1255.451	1280.642	1331.835	1384.653	1403.343
50.0	1233.511	1259.514	1312.333	1365.151	1384.653
50.5	1213.197	1239.199	1292.018	1348.899	1367.589
51.0	1192.069	1218.072	1274.141	1330.210	1349.712
51.5	1171.755	1196.945	1253.826	1312.333	1331.835
52.0	1149.815	1176.630	1234.324	1293.643	1313.958
52.5	1128.687	1155.503	1215.634	1274.953	1296.893
53.0	1106.747	1135.188	1196.132	1258.702	1278.204
53.5	1085.620	1114.873	1177.443	1240.012	1261.139
54.0	1065.305	1094.558	1158.753	1222.135	1244.075
54.5	1045.803	1073.431	1140.064	1205.883	1227.011

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55.0	1025.488	1053.929	1121.374	1187.194	1211.571
55.5	1008.424	1033.614	1102.684	1170.129	1192.882
56.0	988.922	1015.737	1084.807	1153.065	1175.817
56.5	968.607	997.048	1066.118	1136.001	1159.566
57.0	949.105	978.358	1048.241	1118.936	1142.501
57.5	928.790	958.856	1032.802	1102.684	1123.812
58.0	908.475	939.354	1014.925	1084.807	1109.998
58.5	888.973	919.852	997.048	1069.368	1093.746
59.0	869.471	900.350	979.983	1055.554	1076.682
59.5	849.969	881.660	964.544	1038.490	1063.680
60.0	830.467	862.158	947.480	1022.238	1047.428
60.5	811.371	843.468	930.415	1006.799	1031.176
61.0	792.194	824.779	913.351	991.360	1015.737
61.5	773.179	806.252	896.287	975.920	1001.111
62.0	754.490	787.887	880.035	961.294	985.671
62.5	736.044	769.685	862.970	946.667	971.045
63.0	717.354	751.564	846.719	931.228	958.043
63.5	698.827	733.687	831.279	916.601	943.417
64.0	680.788	716.054	815.028	901.162	928.790
64.5	662.830	698.827	799.588	886.535	914.164
65.0	645.034	681.519	784.068	871.909	900.350
65.5	627.482	664.617	768.710	857.282	885.723
66.0	609.686	647.715	753.515	842.656	871.909
66.5	592.297	631.220	738.400	828.842	858.095
67.0	575.314	614.887	723.367	814.215	844.281
67.5	558.249	598.797	708.660	800.563	830.467
68.0	541.429	583.114	694.033	786.749	817.465
68.5	524.852	567.513	679.731	773.342	803.895
69.0	508.356	552.074	665.592	759.853	791.056
69.5	492.104	536.959	651.616	746.770	778.299
70.0	475.934	522.089	637.883	733.931	765.622
70.5	460.170	507.381	624.150	721.092	753.108
71.0	444.568	492.836	610.661	708.416	740.757
71.5	429.129	478.615	597.497	696.064	728.568
72.0	414.015	464.314	584.333	683.794	716.704
72.5	398.819	450.500	571.494	671.768	704.922
73.0	384.030	436.767	558.737	659.904	693.058
73.5	369.647	423.197	546.385	648.122	681.519
74.0	355.427	410.033	533.872	636.745	669.899
74.5	341.450	396.788	521.926	625.450	658.929
75.0	327.555	383.867	510.063	614.399	648.284
75.5	313.903	371.272	498.361	603.429	637.477
76.0	300.658	358.921	486.985	592.540	626.913
76.5	287.494	346.732	475.690	581.896	616.349
77.0	274.493	334.624	464.558	571.332	606.111
77.5	261.735	322.842	453.588	561.093	595.953
78.0	249.140	311.303	442.943	551.017	585.959
78.5	236.789	299.927	432.379	540.860	576.045
79.0	224.681	288.876	422.140	531.027	566.294
79.5	212.655	277.906	412.064	521.439	556.543
80.0	200.791	267.098	401.988	511.932	547.279
80.5	189.252	256.616	392.237	502.343	537.853
81.0	178.038	246.296	382.892	493.080	528.671
81.5	166.662	236.220	373.548	483.897	519.489
82.0	155.692	226.388	364.447	475.040	510.631
82.5	144.966	216.718	355.508	466.183	501.937

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83.0	134.402	207.292	346.732	457.651	493.486
83.5	123.920	198.109	338.362	448.956	484.710
84.0	113.681	189.171	330.237	440.749	476.340
84.5	103.524	180.557	322.273	432.623	468.133
85.0	93.773	172.188	314.472	424.578	459.926
85.5	84.022	164.224	306.834	416.777	451.962
86.0	74.433	156.586	299.358	409.139	444.080
86.5	64.926	149.435	292.289	401.501	436.198
87.0	55.581	142.528	285.138	394.269	428.479
87.5	46.236	136.109	278.393	386.955	421.084
88.0	36.973	129.852	271.730	379.886	413.608
88.5	27.628	124.001	265.311	372.897	406.376
89.0	19.096	118.476	259.216	366.153	399.225
89.5	12.108	113.356	253.284	359.652	392.237
90.0	7.232	108.806	247.840	353.477	385.818
90.5	5.119	104.824	242.802	347.301	378.992
91.0	5.444	101.167	237.683	341.044	372.491
91.5	6.501	97.673	232.563	335.112	365.990
92.0	7.720	94.748	227.688	329.099	359.652
92.5	9.020	92.229	223.543	323.329	353.395
93.0	10.320	90.035	219.237	317.885	347.382
93.5	11.701	88.329	215.174	312.522	341.694
94.0	13.164	86.866	211.355	307.484	336.168
94.5	14.545	85.809	207.779	302.365	330.480
95.0	15.927	84.997	204.448	297.327	325.036
95.5	17.227	84.428	201.360	292.532	319.673
96.0	18.283	84.184	198.678	287.901	314.391
96.5	19.340	84.184	195.997	283.594	309.515
97.0	20.315	84.266	193.559	279.450	304.640
97.5	21.371	84.591	191.284	275.468	300.171
98.0	22.265	84.916	189.252	271.568	295.620
98.5	23.321	85.322	187.546	267.830	291.395
99.0	24.378	85.809	185.758	264.335	287.251
99.5	25.515	86.378	184.214	261.004	283.188
100.0	26.490	86.947	182.995	257.916	279.531
100.5	27.628	87.597	181.776	254.909	275.793
101.0	28.603	88.247	180.882	252.065	272.461
101.5	29.578	88.897	179.989	249.384	269.048
102.0	30.472	89.547	179.339	246.865	266.042
102.5	31.366	90.197	178.689	244.508	263.035
103.0	32.260	90.929	178.201	242.152	260.354
103.5	33.235	91.660	177.795	240.120	257.591
104.0	34.291	92.310	177.388	238.251	255.072
104.5	35.348	93.042	177.145	236.464	252.715
105.0	36.323	93.773	176.901	234.838	250.440
105.5	37.217	94.423	176.657	233.132	248.490
106.0	38.273	95.236	176.576	231.669	246.540
106.5	39.248	95.967	176.576	230.288	244.590
107.0	40.223	96.779	176.576	228.988	242.964
107.5	41.117	97.430	176.576	228.013	241.258
108.0	42.255	98.242	176.576	226.875	239.551
108.5	43.311	99.055	176.657	226.062	238.414
109.0	44.367	99.705	176.820	225.006	237.276
109.5	45.505	100.436	176.901	224.275	236.057
110.0	46.643	101.167	177.063	223.462	235.082
110.5	47.780	101.899	177.226	222.731	234.188

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111.0	48.918	102.630	177.307	222.081	233.213
111.5	50.056	103.280	177.388	221.593	232.401
112.0	51.274	104.011	177.551	221.106	231.426
112.5	52.493	104.743	177.713	220.537	230.532
113.0	53.793	105.474	177.957	220.131	230.125
113.5	55.012	106.124	177.957	219.724	229.557
114.0	56.312	106.774	178.120	219.399	228.988
114.5	57.531	107.506	178.282	218.993	228.500
115.0	58.832	108.074	178.445	218.749	228.094
115.5	60.132	108.806	178.445	218.505	227.688
116.0	61.351	109.456	178.689	218.180	227.200
116.5	62.488	110.106	178.851	217.855	227.038
117.0	63.788	110.837	179.014	217.855	226.631
117.5	65.007	111.406	179.176	217.530	226.388
118.0	66.064	111.975	179.339	217.368	226.062
118.5	67.282	112.544	179.420	217.124	225.981
119.0	68.339	113.113	179.582	216.880	225.494
119.5	69.476	113.519	179.745	216.636	225.412
120.0	70.533	113.925	179.664	216.474	225.006
120.5	71.589	114.413	179.745	216.149	224.925
121.0	72.646	114.738	179.907	215.905	224.600
121.5	73.783	115.144	179.826	215.580	224.437
122.0	74.840	115.632	179.826	215.418	224.194
122.5	75.896	116.119	179.907	215.093	223.625
123.0	76.952	116.607	179.826	214.767	223.543
123.5	77.927	117.013	179.664	214.524	223.056
124.0	78.740	117.338	179.664	214.280	222.975
124.5	79.553	117.663	179.664	213.874	222.650
125.0	80.365	118.069	179.501	213.467	222.325
125.5	81.178	118.313	179.339	213.224	221.918
126.0	81.909	118.638	179.257	212.736	221.593
126.5	82.559	119.044	179.095	212.411	221.349
127.0	83.290	119.207	178.932	212.005	221.024
127.5	83.859	119.451	178.689	211.598	220.456
128.0	84.591	119.451	178.607	211.111	220.131
128.5	85.159	119.613	178.282	210.705	219.806
129.0	85.728	119.776	177.957	210.298	219.399
129.5	86.216	120.020	177.388	209.648	218.912
130.0	86.622	120.182	176.820	209.242	218.424
130.5	87.028	120.345	176.169	208.754	217.855
131.0	87.272	120.588	175.519	208.023	217.287
131.5	87.597	120.832	174.869	207.373	216.718
132.0	87.922	121.076	174.138	206.967	216.230
132.5	88.085	121.157	173.325	206.154	215.499
133.0	88.329	121.238	173.000	205.423	214.605
133.5	88.410	121.157	172.513	204.854	214.199
134.0	88.491	120.995	172.188	204.204	213.630
134.5	88.735	120.670	171.781	203.472	212.573
135.0	88.979	120.426	171.294	202.497	211.761
135.5	88.897	119.776	170.888	201.847	211.111
136.0	89.060	119.694	170.319	201.035	210.298
136.5	89.222	119.451	169.913	200.141	209.486
137.0	89.304	119.044	169.262	199.410	208.592
137.5	89.385	118.638	168.694	198.434	207.779
138.0	89.547	118.394	167.881	197.622	206.804
138.5	89.547	118.069	166.825	196.728	206.073

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	89.466	117.826	165.606	195.672	204.935
139.5	89.466	117.500	164.143	194.534	204.123
140.0	89.466	117.094	162.518	193.478	202.985
140.5	89.466	116.850	161.055	192.177	201.766
141.0	89.466	116.688	159.430	190.796	200.791
141.5	89.466	116.363	157.805	189.577	199.816
142.0	89.385	116.200	156.261	188.033	198.759
142.5	89.304	115.957	154.636	186.652	197.541
143.0	89.222	115.713	153.092	185.352	196.322
143.5	89.222	115.388	151.304	183.970	195.184
144.0	89.222	114.981	149.760	182.914	193.884
144.5	89.466	114.656	148.216	181.695	192.746
145.0	89.791	114.331	146.510	180.639	191.446
145.5	90.360	113.925	144.966	179.582	190.146
146.0	91.091	113.600	143.503	178.445	188.927
146.5	91.823	113.275	142.284	177.226	187.546
147.0	92.554	112.869	140.903	176.007	186.164
147.5	93.204	112.706	139.847	174.788	184.783
148.0	93.935	112.381	138.709	173.407	183.320
148.5	94.585	112.300	137.815	172.107	181.858
149.0	95.398	112.300	136.840	170.806	180.557
149.5	95.967	112.544	135.946	169.425	178.932
150.0	96.617	112.706	135.052	168.125	177.226
150.5	97.186	112.787	134.077	166.662	175.438
151.0	97.592	113.031	132.777	165.200	173.325
151.5	97.998	113.113	131.396	163.656	171.375
152.0	98.486	113.275	130.096	162.030	169.425
152.5	98.973	113.438	128.877	160.324	167.312
153.0	99.298	113.519	127.577	158.374	165.606
153.5	99.705	113.763	126.195	156.342	163.656
154.0	100.030	113.681	124.976	154.067	162.030
154.5	100.436	113.763	123.920	151.873	160.405
155.0	100.599	113.925	122.864	149.354	159.186
155.5	100.924	114.006	121.807	146.997	157.886
156.0	101.167	114.006	121.076	144.478	156.749
156.5	101.574	114.006	120.345	141.959	155.286
157.0	101.736	114.169	119.613	139.684	153.905
157.5	101.980	114.169	119.126	137.490	152.361
158.0	102.305	114.088	118.882	135.215	150.898
158.5	102.386	114.088	118.557	133.346	149.191
159.0	102.793	113.844	118.313	131.558	147.729
159.5	103.118	113.681	117.907	129.852	146.104
160.0	103.524	113.519	117.500	128.470	144.478
160.5	104.011	113.438	117.175	127.170	142.935
161.0	104.337	113.194	117.094	125.789	141.391
161.5	104.824	113.113	116.932	124.408	140.253
162.0	105.230	112.950	117.175	123.270	139.278
162.5	105.637	112.950	117.338	122.051	138.140
163.0	106.124	112.869	117.419	120.751	137.165
163.5	106.531	112.869	117.582	119.369	135.946
164.0	106.693	112.869	117.744	117.663	134.809
164.5	106.937	112.706	117.582	116.363	133.346
165.0	107.181	112.706	117.338	115.063	131.883
165.5	107.424	112.625	117.094	114.169	130.339
166.0	107.668	112.544	116.932	113.194	127.983
166.5	107.912	112.544	116.688	112.381	126.845

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L100-935-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	108.237	112.544	116.444	111.650	125.951
167.5	108.399	112.544	115.957	111.000	125.058
168.0	108.643	112.544	115.550	110.350	124.326
168.5	109.131	112.219	114.981	109.781	123.432
169.0	109.375	112.300	114.575	109.212	122.539
169.5	109.781	112.056	113.925	108.562	121.563
170.0	109.943	111.975	113.356	107.749	120.670
170.5	110.187	111.812	112.625	106.856	119.694
171.0	110.350	111.650	111.812	105.880	118.476
171.5	110.593	111.650	111.081	104.987	117.500
172.0	111.000	111.487	110.675	104.093	116.038
172.5	111.244	111.487	110.187	103.118	114.413
173.0	111.569	111.325	109.781	102.224	111.650
173.5	111.975	111.406	109.618	101.330	107.506
174.0	112.300	111.406	109.537	100.599	102.386
174.5	112.544	111.406	109.375	99.867	96.292
175.0	113.031	111.650	109.293	99.298	89.385
175.5	113.194	111.731	109.212	99.055	82.153
176.0	113.519	111.894	109.212	98.811	77.440
176.5	113.600	111.975	109.131	98.811	74.108
177.0	113.925	112.137	108.968	98.567	70.695
177.5	114.006	112.137	108.725	98.486	69.964
178.0	114.331	112.300	108.643	98.405	70.127
178.5	114.494	112.381	108.725	98.242	70.289
179.0	114.656	112.381	108.643	97.998	70.370
179.5	114.819	112.381	108.562	97.917	70.452
180.0	102.955	102.955	102.955	102.955	102.955

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L100-935-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	930.31	N.A.	11.70
0-30	1949.32	N.A.	24.50
0-40	3131.31	N.A.	39.40
0-60	5299.34	N.A.	66.70
0-80	6602.03	N.A.	83.10
0-90	6929.66	N.A.	87.30
10-90	6687.12	N.A.	84.20
20-40	2201.00	N.A.	27.70
20-50	3364.97	N.A.	42.40
40-70	2940.31	N.A.	37.00
60-80	1302.69	N.A.	16.40
70-80	530.41	N.A.	6.70
80-90	327.62	N.A.	4.10
90-110	382.67	N.A.	4.80
90-120	543.77	N.A.	6.80
90-130	692.03	N.A.	8.70
90-150	908.51	N.A.	11.40
90-180	1012.00	N.A.	12.70
110-180	629.33	N.A.	7.90
0-180	7941.66	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	242.54
10-20	687.78
20-30	1019.01
30-40	1181.99
40-50	1163.97
50-60	1004.05
60-70	772.28
70-80	530.41
80-90	327.62
90-100	209.91
100-110	172.76
110-120	161.10
120-130	148.27
130-140	124.59
140-150	91.88
150-160	60.08
160-170	33.10
170-180	10.31

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L100-935-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-L100-935-DIM-UNV_.IES

UGR TABLE - CORRECTED

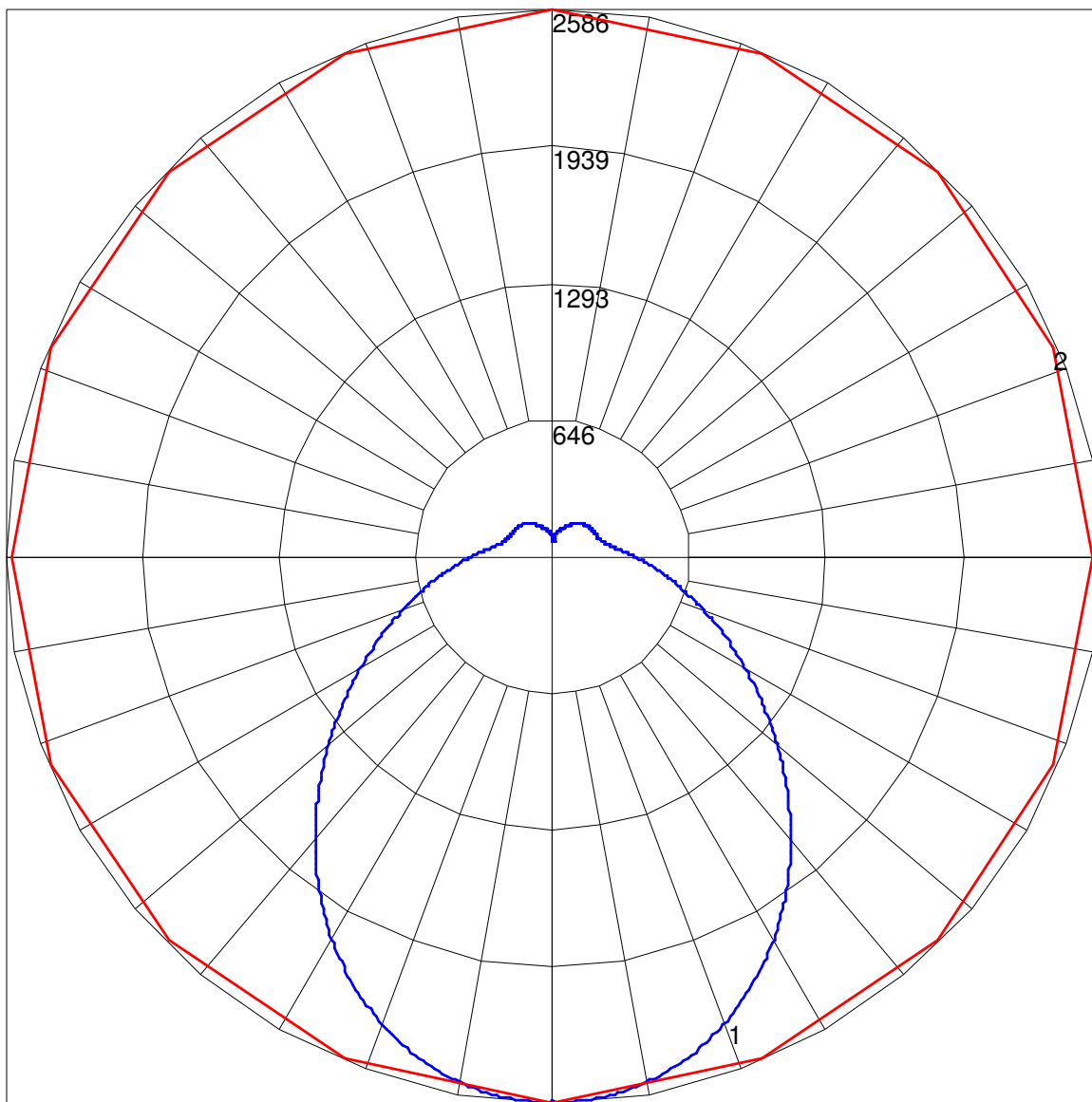
Reflectances

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	16.6	18.0	17.1	18.5	19.1	18.3	19.7	18.9	20.2	20.8
	3H	18.0	19.2	18.5	19.8	20.4	20.5	21.8	21.1	22.3	23.0
	4H	18.4	19.6	19.0	20.1	20.8	21.6	22.8	22.2	23.3	24.0
	6H	18.7	19.8	19.3	20.4	21.1	22.7	23.8	23.3	24.4	25.1
	8H	18.8	19.8	19.4	20.4	21.1	23.4	24.4	24.0	25.0	25.7
	12H	18.8	19.8	19.4	20.4	21.1	24.1	25.0	24.7	25.7	26.4
4H	2H	17.3	18.5	17.9	19.1	19.8	18.7	19.9	19.3	20.5	21.1
	3H	18.9	19.9	19.5	20.6	21.2	21.2	22.1	21.8	22.8	23.5
	4H	19.5	20.4	20.1	21.0	21.8	22.4	23.3	23.0	23.9	24.7
	6H	19.9	20.7	20.6	21.4	22.1	23.8	24.5	24.4	25.2	25.9
	8H	20.0	20.8	20.7	21.4	22.2	24.5	25.2	25.1	25.9	26.6
	12H	20.1	20.8	20.8	21.5	22.2	25.3	26.0	26.0	26.7	27.4
8H	4H	20.1	20.8	20.7	21.5	22.2	22.6	23.3	23.3	24.0	24.8
	6H	20.7	21.3	21.3	22.0	22.7	24.1	24.8	24.8	25.5	26.2
	8H	20.9	21.4	21.6	22.1	22.9	25.0	25.6	25.7	26.3	27.0
	12H	21.0	21.5	21.7	22.2	23.0	26.0	26.5	26.7	27.2	28.0
12H	4H	20.3	20.9	20.9	21.6	22.4	22.6	23.3	23.3	24.0	24.7
	6H	20.9	21.5	21.6	22.2	23.0	24.2	24.7	24.9	25.4	26.2
	8H	21.2	21.7	21.9	22.4	23.2	25.1	25.6	25.8	26.3	27.1

Maximum UGR = 28.0

POLAR GRAPH



Maximum Candela = 2585.661 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.)