

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L100-927-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-L100-927-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	7655
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	116
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	8467	7551	7427
55	7366	6479	6520
65	6239	5567	5811
75	5085	4889	5431
85	3994	4864	5738

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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	2477.322	2477.322	2477.322	2477.322	2477.322
0.5	2465.574	2474.972	2476.539	2475.756	2492.203
1.0	2465.574	2475.756	2475.756	2474.972	2491.420
1.5	2463.224	2475.756	2474.972	2474.189	2492.203
2.0	2462.441	2473.406	2474.972	2473.406	2489.854
2.5	2462.441	2473.406	2472.623	2472.623	2488.287
3.0	2460.091	2471.056	2471.056	2471.056	2486.721
3.5	2458.525	2468.707	2468.707	2469.490	2485.154
4.0	2456.958	2467.140	2467.140	2466.357	2483.588
4.5	2453.042	2464.791	2465.574	2464.791	2481.238
5.0	2450.693	2462.441	2462.441	2462.441	2478.888
5.5	2447.560	2459.308	2459.308	2460.091	2475.756
6.0	2445.993	2455.392	2456.175	2456.175	2472.623
6.5	2440.511	2452.259	2453.042	2453.042	2468.707
7.0	2437.378	2448.343	2449.126	2448.343	2465.574
7.5	2434.245	2443.644	2445.210	2445.210	2461.658
8.0	2430.329	2440.511	2440.511	2440.511	2456.175
8.5	2426.413	2435.028	2436.595	2436.595	2451.476
9.0	2420.147	2431.112	2431.895	2431.112	2445.993
9.5	2416.231	2425.630	2425.630	2425.630	2442.860
10.0	2409.965	2419.364	2419.364	2420.930	2436.595
10.5	2404.483	2413.881	2414.664	2414.664	2431.112
11.0	2399.000	2408.399	2409.182	2408.399	2424.846
11.5	2391.951	2402.133	2403.699	2402.133	2419.364
12.0	2385.685	2395.084	2396.650	2396.650	2412.315
12.5	2379.420	2388.035	2390.385	2388.818	2406.049
13.0	2372.371	2381.769	2383.336	2382.552	2399.000
13.5	2365.322	2373.937	2375.504	2375.504	2392.734
14.0	2356.706	2366.105	2367.671	2367.671	2384.119
14.5	2349.657	2358.273	2359.839	2359.839	2377.853
15.0	2342.608	2350.441	2351.224	2351.224	2368.455
15.5	2333.993	2341.042	2343.392	2343.392	2359.056
16.0	2324.594	2332.426	2334.776	2334.776	2351.224
16.5	2316.762	2323.028	2325.378	2326.161	2342.608
17.0	2305.797	2312.846	2315.979	2316.762	2333.210
17.5	2296.398	2303.447	2306.580	2307.363	2323.811
18.0	2287.783	2294.049	2296.398	2298.748	2315.196
18.5	2277.601	2284.650	2287.000	2288.566	2305.014
19.0	2267.419	2272.902	2276.818	2278.384	2294.049
19.5	2255.671	2263.503	2266.636	2269.769	2283.867
20.0	2243.139	2251.755	2255.671	2258.021	2272.902
20.5	2230.608	2241.573	2244.706	2247.839	2262.720
21.0	2220.426	2229.042	2231.391	2237.657	2251.755
21.5	2208.678	2217.293	2221.209	2224.342	2240.007
22.0	2196.146	2206.328	2210.244	2213.377	2229.825
22.5	2185.181	2192.230	2197.713	2202.412	2218.076
23.0	2171.867	2179.699	2185.181	2189.881	2205.545
23.5	2157.769	2166.384	2173.433	2178.132	2193.797
24.0	2143.671	2153.069	2160.118	2165.601	2181.265
24.5	2131.922	2139.755	2147.587	2152.286	2167.167
25.0	2118.608	2126.440	2135.055	2139.755	2154.636
25.5	2103.727	2113.125	2120.174	2127.223	2139.755
26.0	2089.629	2098.244	2107.643	2113.908	2128.006
26.5	2074.747	2083.363	2094.328	2099.810	2114.692

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27.0	2059.866	2067.698	2081.013	2088.062	2101.377
27.5	2042.635	2052.817	2066.132	2072.398	2088.062
28.0	2030.104	2037.936	2051.251	2058.300	2073.181
28.5	2013.656	2023.055	2036.370	2043.419	2058.300
29.0	1997.992	2007.391	2020.705	2029.321	2044.202
29.5	1981.544	1990.943	2005.041	2013.656	2028.537
30.0	1965.097	1975.279	1989.377	2000.342	2015.223
30.5	1947.866	1958.048	1974.495	1985.460	1999.558
31.0	1931.418	1941.600	1958.048	1969.796	1983.111
31.5	1914.187	1925.936	1942.383	1954.915	1969.013
32.0	1897.740	1907.922	1926.719	1938.467	1952.565
32.5	1879.726	1890.691	1910.271	1922.803	1936.901
33.0	1862.495	1874.243	1892.257	1907.139	1921.236
33.5	1846.047	1857.012	1876.593	1889.908	1904.789
34.0	1826.467	1838.998	1859.362	1874.243	1889.908
34.5	1808.453	1821.768	1842.915	1857.012	1872.677
35.0	1792.005	1802.970	1826.467	1841.348	1856.229
35.5	1770.858	1785.740	1808.453	1824.117	1838.998
36.0	1754.411	1766.942	1791.222	1806.886	1822.551
36.5	1734.047	1748.145	1773.208	1790.439	1806.886
37.0	1715.250	1730.131	1755.194	1772.425	1790.439
37.5	1695.669	1710.551	1737.963	1756.760	1772.425
38.0	1676.089	1691.753	1719.166	1738.746	1753.628
38.5	1655.725	1672.173	1701.152	1722.299	1736.397
39.0	1637.711	1652.592	1682.355	1704.285	1722.299
39.5	1617.347	1634.578	1664.341	1686.271	1703.502
40.0	1595.417	1614.215	1645.543	1669.823	1685.488
40.5	1575.054	1594.634	1627.529	1652.592	1668.257
41.0	1556.256	1575.054	1608.732	1634.578	1650.243
41.5	1535.893	1555.473	1589.935	1616.564	1633.012
42.0	1515.529	1535.893	1571.138	1599.333	1615.781
42.5	1495.948	1515.529	1551.557	1581.319	1597.767
43.0	1474.018	1495.948	1533.543	1564.089	1580.536
43.5	1455.221	1475.585	1513.963	1546.075	1563.305
44.0	1434.074	1455.221	1494.382	1528.844	1545.291
44.5	1414.494	1435.641	1474.802	1510.046	1527.277
45.0	1394.130	1415.277	1456.004	1493.599	1510.830
45.5	1373.766	1395.696	1437.207	1476.368	1493.599
46.0	1353.403	1375.333	1416.843	1457.571	1475.585
46.5	1333.039	1354.969	1399.613	1441.906	1458.354
47.0	1311.892	1335.389	1380.032	1423.109	1441.123
47.5	1291.528	1315.025	1360.452	1405.095	1423.109
48.0	1271.948	1294.661	1340.871	1388.647	1405.095
48.5	1250.018	1275.081	1322.857	1369.850	1387.864
49.0	1230.437	1253.934	1302.493	1351.836	1369.850
49.5	1210.074	1234.353	1283.696	1334.605	1352.619
50.0	1188.927	1213.990	1264.899	1315.808	1334.605
50.5	1169.346	1194.409	1245.318	1300.144	1318.158
51.0	1148.982	1174.045	1228.088	1282.130	1300.927
51.5	1129.402	1153.682	1208.507	1264.899	1283.696
52.0	1108.255	1134.101	1189.710	1246.885	1266.465
52.5	1087.891	1113.738	1171.696	1228.871	1250.018
53.0	1066.744	1094.157	1152.899	1213.206	1232.004
53.5	1046.381	1074.577	1134.884	1195.192	1215.556
54.0	1026.800	1054.996	1116.870	1177.962	1199.108
54.5	1008.003	1034.632	1098.856	1162.297	1182.661

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55.0	988.423	1015.835	1080.842	1144.283	1167.780
55.5	971.975	996.255	1062.828	1127.836	1149.766
56.0	953.178	979.024	1045.597	1111.388	1133.318
56.5	933.597	961.010	1027.583	1094.940	1117.654
57.0	914.800	942.996	1010.353	1078.493	1101.206
57.5	895.219	924.199	995.471	1062.828	1083.192
58.0	875.639	905.401	978.241	1045.597	1069.877
58.5	856.842	886.604	961.010	1030.716	1054.213
59.0	838.044	867.807	944.562	1017.402	1037.765
59.5	819.247	849.793	929.681	1000.954	1025.234
60.0	800.450	830.995	913.233	985.290	1009.569
60.5	782.044	812.981	896.786	970.408	993.905
61.0	763.560	794.967	880.338	955.527	979.024
61.5	745.233	777.110	863.891	940.646	964.926
62.0	727.219	759.409	848.226	926.548	950.045
62.5	709.440	741.865	831.779	912.450	935.947
63.0	691.426	724.399	816.114	897.569	923.415
63.5	673.568	707.169	801.233	883.471	909.317
64.0	656.181	690.173	785.569	868.590	895.219
64.5	638.872	673.568	770.688	854.492	881.121
65.0	621.719	656.886	755.728	840.394	867.807
65.5	604.802	640.595	740.925	826.296	853.709
66.0	587.649	624.304	726.279	812.198	840.394
66.5	570.888	608.405	711.711	798.883	827.079
67.0	554.519	592.662	697.222	784.786	813.765
67.5	538.072	577.154	683.045	771.627	800.450
68.0	521.859	562.038	668.947	758.313	787.918
68.5	505.881	547.000	655.163	745.390	774.839
69.0	489.982	532.119	641.535	732.388	762.464
69.5	474.317	517.551	628.063	719.778	750.167
70.0	458.731	503.218	614.827	707.403	737.949
70.5	443.537	489.042	601.591	695.029	725.887
71.0	428.499	475.022	588.589	682.810	713.983
71.5	413.618	461.316	575.901	670.905	702.234
72.0	399.050	447.531	563.213	659.079	690.799
72.5	384.404	434.217	550.838	647.487	679.443
73.0	370.149	420.980	538.541	636.052	668.008
73.5	356.286	407.901	526.637	624.696	656.886
74.0	342.580	395.212	514.575	613.730	645.686
74.5	329.109	382.446	503.062	602.844	635.112
75.0	315.716	369.993	491.627	592.192	624.852
75.5	302.558	357.853	480.348	581.619	614.435
76.0	289.791	345.948	469.383	571.123	604.254
76.5	277.103	334.200	458.496	560.863	594.072
77.0	264.571	322.530	447.766	550.681	584.203
77.5	252.275	311.173	437.193	540.813	574.413
78.0	240.135	300.051	426.933	531.101	564.779
78.5	228.230	289.086	416.751	521.311	555.224
79.0	216.560	278.434	406.882	511.834	545.825
79.5	204.968	267.861	397.170	502.592	536.427
80.0	193.533	257.444	387.458	493.428	527.498
80.5	182.412	247.341	378.060	484.186	518.413
81.0	171.603	237.394	369.053	475.257	509.562
81.5	160.638	227.682	360.046	466.407	500.712
82.0	150.065	218.205	351.274	457.870	492.175
82.5	139.726	208.885	342.658	449.333	483.794

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CANDELA TABULATION - (Cont.)

83.0	129.544	199.799	334.200	441.109	475.649
83.5	119.441	190.949	326.132	432.729	467.190
84.0	109.572	182.333	318.300	424.818	459.123
84.5	99.782	174.031	310.625	416.986	451.213
85.0	90.383	165.964	303.106	409.232	443.302
85.5	80.985	158.289	295.744	401.713	435.626
86.0	71.743	150.926	288.538	394.351	428.029
86.5	62.579	144.034	281.724	386.989	420.432
87.0	53.572	137.377	274.832	380.018	412.991
87.5	44.565	131.189	268.331	372.969	405.864
88.0	35.636	125.158	261.908	366.155	398.659
88.5	26.629	119.519	255.721	359.419	391.688
89.0	18.406	114.193	249.847	352.919	384.796
89.5	11.670	109.259	244.129	346.653	378.060
90.0	6.971	104.873	238.882	340.700	371.872
90.5	4.934	101.035	234.026	334.748	365.293
91.0	5.248	97.511	229.092	328.717	359.028
91.5	6.266	94.143	224.157	323.000	352.762
92.0	7.441	91.323	219.458	317.204	346.653
92.5	8.694	88.895	215.464	311.643	340.622
93.0	9.947	86.781	211.313	306.395	334.826
93.5	11.278	85.136	207.396	301.226	329.344
94.0	12.688	83.726	203.715	296.370	324.018
94.5	14.020	82.708	200.269	291.436	318.535
95.0	15.351	81.925	197.058	286.580	313.288
95.5	16.604	81.376	194.082	281.959	308.118
96.0	17.622	81.141	191.497	277.495	303.027
96.5	18.641	81.141	188.912	273.343	298.328
97.0	19.580	81.220	186.563	269.349	293.629
97.5	20.599	81.533	184.370	265.511	289.321
98.0	21.460	81.846	182.412	261.752	284.935
98.5	22.478	82.238	180.767	258.149	280.862
99.0	23.497	82.708	179.044	254.781	276.868
99.5	24.593	83.256	177.556	251.570	272.952
100.0	25.533	83.804	176.381	248.594	269.427
100.5	26.629	84.431	175.206	245.696	265.825
101.0	27.569	85.058	174.345	242.955	262.613
101.5	28.509	85.684	173.483	240.370	259.324
102.0	29.371	86.311	172.856	237.942	256.426
102.5	30.232	86.937	172.230	235.671	253.528
103.0	31.094	87.642	171.760	233.399	250.943
103.5	32.034	88.347	171.368	231.441	248.280
104.0	33.052	88.974	170.977	229.640	245.852
104.5	34.070	89.679	170.742	227.917	243.581
105.0	35.010	90.383	170.507	226.350	241.388
105.5	35.871	91.010	170.272	224.706	239.508
106.0	36.890	91.793	170.194	223.296	237.629
106.5	37.829	92.498	170.194	221.964	235.749
107.0	38.769	93.281	170.194	220.711	234.183
107.5	39.631	93.908	170.194	219.771	232.538
108.0	40.727	94.691	170.194	218.675	230.893
108.5	41.746	95.474	170.272	217.892	229.796
109.0	42.764	96.101	170.428	216.873	228.700
109.5	43.860	96.806	170.507	216.168	227.525
110.0	44.957	97.511	170.663	215.385	226.585
110.5	46.053	98.216	170.820	214.680	225.724

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CANDELA TABULATION - (Cont.)

111.0	47.150	98.921	170.898	214.054	224.784
111.5	48.246	99.547	170.977	213.584	224.001
112.0	49.421	100.252	171.133	213.114	223.061
112.5	50.596	100.957	171.290	212.566	222.199
113.0	51.849	101.662	171.525	212.174	221.808
113.5	53.024	102.288	171.525	211.782	221.259
114.0	54.277	102.915	171.682	211.469	220.711
114.5	55.452	103.620	171.838	211.078	220.241
115.0	56.705	104.168	171.995	210.843	219.850
115.5	57.958	104.873	171.995	210.608	219.458
116.0	59.133	105.500	172.230	210.294	218.988
116.5	60.230	106.126	172.387	209.981	218.831
117.0	61.483	106.831	172.543	209.981	218.440
117.5	62.658	107.379	172.700	209.668	218.205
118.0	63.676	107.928	172.856	209.511	217.892
118.5	64.851	108.476	172.935	209.276	217.813
119.0	65.869	109.024	173.091	209.041	217.343
119.5	66.965	109.416	173.248	208.806	217.265
120.0	67.983	109.807	173.170	208.650	216.873
120.5	69.002	110.277	173.248	208.336	216.795
121.0	70.020	110.591	173.405	208.101	216.482
121.5	71.116	110.982	173.326	207.788	216.325
122.0	72.134	111.452	173.326	207.631	216.090
122.5	73.153	111.922	173.405	207.318	215.542
123.0	74.171	112.392	173.326	207.005	215.464
123.5	75.111	112.784	173.170	206.770	214.994
124.0	75.894	113.097	173.170	206.535	214.915
124.5	76.677	113.410	173.170	206.143	214.602
125.0	77.460	113.802	173.013	205.752	214.289
125.5	78.244	114.037	172.856	205.517	213.897
126.0	78.948	114.350	172.778	205.047	213.584
126.5	79.575	114.742	172.621	204.733	213.349
127.0	80.280	114.898	172.465	204.342	213.036
127.5	80.828	115.133	172.230	203.950	212.487
128.0	81.533	115.133	172.152	203.480	212.174
128.5	82.081	115.290	171.838	203.089	211.861
129.0	82.630	115.446	171.525	202.697	211.469
129.5	83.100	115.681	170.977	202.071	210.999
130.0	83.491	115.838	170.428	201.679	210.529
130.5	83.883	115.995	169.802	201.209	209.981
131.0	84.118	116.230	169.175	200.504	209.433
131.5	84.431	116.465	168.549	199.878	208.885
132.0	84.744	116.700	167.844	199.486	208.415
132.5	84.901	116.778	167.061	198.703	207.710
133.0	85.136	116.856	166.747	197.998	206.848
133.5	85.214	116.778	166.277	197.450	206.457
134.0	85.293	116.621	165.964	196.823	205.908
134.5	85.528	116.308	165.573	196.118	204.890
135.0	85.762	116.073	165.103	195.178	204.107
135.5	85.684	115.446	164.711	194.552	203.480
136.0	85.841	115.368	164.163	193.768	202.697
136.5	85.997	115.133	163.771	192.907	201.914
137.0	86.076	114.742	163.145	192.202	201.052
137.5	86.154	114.350	162.596	191.262	200.269
138.0	86.311	114.115	161.813	190.479	199.329
138.5	86.311	113.802	160.795	189.617	198.624

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	86.232	113.567	159.620	188.599	197.528
139.5	86.232	113.253	158.210	187.503	196.745
140.0	86.232	112.862	156.644	186.484	195.648
140.5	86.232	112.627	155.234	185.231	194.473
141.0	86.232	112.470	153.668	183.900	193.533
141.5	86.232	112.157	152.101	182.725	192.594
142.0	86.154	112.000	150.613	181.237	191.575
142.5	86.076	111.765	149.047	179.905	190.401
143.0	85.997	111.530	147.558	178.652	189.226
143.5	85.997	111.217	145.835	177.321	188.129
144.0	85.997	110.826	144.347	176.303	186.876
144.5	86.232	110.512	142.859	175.128	185.780
145.0	86.546	110.199	141.214	174.110	184.526
145.5	87.094	109.807	139.726	173.091	183.273
146.0	87.799	109.494	138.316	171.995	182.098
146.5	88.504	109.181	137.142	170.820	180.767
147.0	89.209	108.789	135.810	169.645	179.435
147.5	89.835	108.632	134.792	168.470	178.104
148.0	90.540	108.319	133.696	167.139	176.694
148.5	91.167	108.241	132.834	165.886	175.284
149.0	91.950	108.241	131.894	164.633	174.031
149.5	92.498	108.476	131.033	163.301	172.465
150.0	93.125	108.632	130.171	162.048	170.820
150.5	93.673	108.711	129.231	160.638	169.097
151.0	94.065	108.946	127.978	159.228	167.061
151.5	94.456	109.024	126.647	157.740	165.181
152.0	94.926	109.181	125.393	156.174	163.301
152.5	95.396	109.337	124.219	154.529	161.265
153.0	95.709	109.416	122.965	152.649	159.620
153.5	96.101	109.651	121.634	150.691	157.740
154.0	96.414	109.572	120.459	148.498	156.174
154.5	96.806	109.651	119.441	146.384	154.607
155.0	96.963	109.807	118.423	143.956	153.433
155.5	97.276	109.886	117.405	141.684	152.179
156.0	97.511	109.886	116.700	139.256	151.083
156.5	97.902	109.886	115.995	136.828	149.673
157.0	98.059	110.042	115.290	134.635	148.342
157.5	98.294	110.042	114.820	132.521	146.854
158.0	98.607	109.964	114.585	130.328	145.444
158.5	98.686	109.964	114.272	128.526	143.799
159.0	99.077	109.729	114.037	126.803	142.389
159.5	99.391	109.572	113.645	125.158	140.823
160.0	99.782	109.416	113.253	123.827	139.256
160.5	100.252	109.337	112.940	122.574	137.768
161.0	100.565	109.102	112.862	121.242	136.280
161.5	101.035	109.024	112.705	119.911	135.184
162.0	101.427	108.867	112.940	118.814	134.244
162.5	101.818	108.867	113.097	117.640	133.147
163.0	102.288	108.789	113.175	116.386	132.207
163.5	102.680	108.789	113.332	115.055	131.033
164.0	102.837	108.789	113.488	113.410	129.936
164.5	103.072	108.632	113.332	112.157	128.526
165.0	103.307	108.632	113.097	110.904	127.116
165.5	103.542	108.554	112.862	110.042	125.628
166.0	103.777	108.476	112.705	109.102	123.357
166.5	104.011	108.476	112.470	108.319	122.261

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	104.325	108.476	112.235	107.614	121.399
167.5	104.481	108.476	111.765	106.988	120.537
168.0	104.716	108.476	111.374	106.361	119.833
168.5	105.186	108.163	110.826	105.813	118.971
169.0	105.421	108.241	110.434	105.265	118.109
169.5	105.813	108.006	109.807	104.638	117.170
170.0	105.970	107.928	109.259	103.855	116.308
170.5	106.205	107.771	108.554	102.993	115.368
171.0	106.361	107.614	107.771	102.053	114.193
171.5	106.596	107.614	107.066	101.192	113.253
172.0	106.988	107.458	106.674	100.330	111.844
172.5	107.223	107.458	106.205	99.391	110.277
173.0	107.536	107.301	105.813	98.529	107.614
173.5	107.928	107.379	105.656	97.667	103.620
174.0	108.241	107.379	105.578	96.963	98.686
174.5	108.476	107.379	105.421	96.258	92.811
175.0	108.946	107.614	105.343	95.709	86.154
175.5	109.102	107.693	105.265	95.474	79.183
176.0	109.416	107.849	105.265	95.239	74.641
176.5	109.494	107.928	105.186	95.239	71.430
177.0	109.807	108.084	105.030	95.004	68.140
177.5	109.886	108.084	104.795	94.926	67.435
178.0	110.199	108.241	104.716	94.848	67.592
178.5	110.356	108.319	104.795	94.691	67.748
179.0	110.512	108.319	104.716	94.456	67.827
179.5	110.669	108.319	104.638	94.378	67.905
180.0	99.234	99.234	99.234	99.234	99.234

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L100-927-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	896.69	N.A.	11.70
0-30	1878.86	N.A.	24.50
0-40	3018.13	N.A.	39.40
0-60	5107.8	N.A.	66.70
0-80	6363.4	N.A.	83.10
0-90	6679.19	N.A.	87.30
10-90	6445.42	N.A.	84.20
20-40	2121.45	N.A.	27.70
20-50	3243.35	N.A.	42.40
40-70	2834.03	N.A.	37.00
60-80	1255.61	N.A.	16.40
70-80	511.24	N.A.	6.70
80-90	315.78	N.A.	4.10
90-110	368.84	N.A.	4.80
90-120	524.11	N.A.	6.80
90-130	667.02	N.A.	8.70
90-150	875.67	N.A.	11.40
90-180	975.42	N.A.	12.70
110-180	606.59	N.A.	7.90
0-180	7654.61	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	233.77
10-20	662.92
20-30	982.18
30-40	1139.27
40-50	1121.9
50-60	967.76
60-70	744.37
70-80	511.24
80-90	315.78
90-100	202.32
100-110	166.51
110-120	155.28
120-130	142.91
130-140	120.09
140-150	88.56
150-160	57.91
160-170	31.90
170-180	9.94

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L100-927-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-L100-927-DIM-UNV_.IES

UGR TABLE - CORRECTED

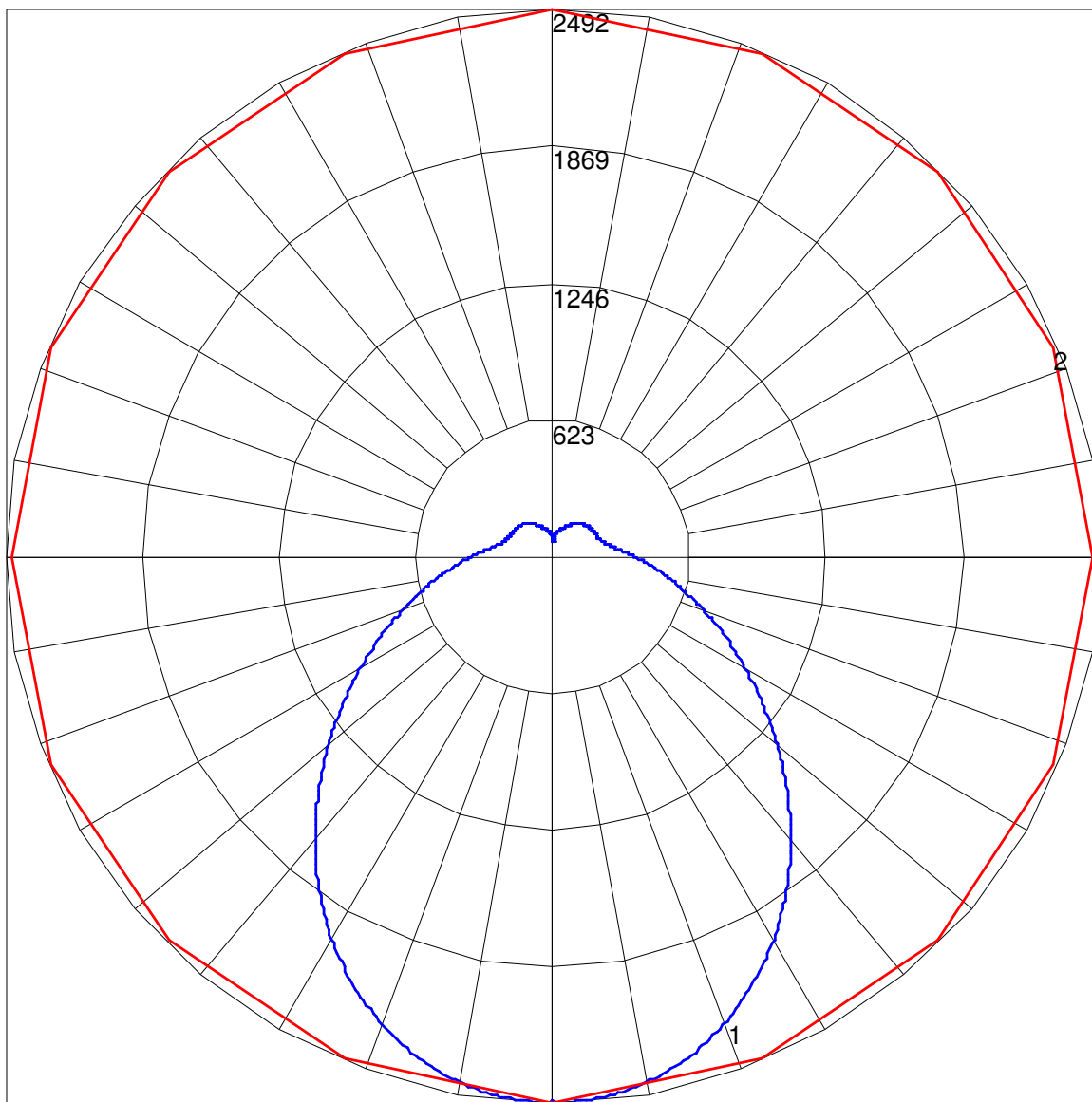
Reflectances

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	16.5	17.9	17.0	18.4	19.0	18.2	19.6	18.8	20.1	20.7
	3H	17.9	19.1	18.4	19.7	20.3	20.4	21.7	21.0	22.2	22.9
	4H	18.3	19.5	18.9	20.0	20.7	21.5	22.7	22.1	23.2	23.9
	6H	18.6	19.7	19.2	20.3	21.0	22.6	23.7	23.2	24.3	25.0
	8H	18.7	19.7	19.3	20.3	21.0	23.3	24.3	23.9	24.9	25.6
	12H	18.7	19.7	19.3	20.3	21.0	24.0	24.9	24.6	25.6	26.3
4H	2H	17.2	18.4	17.8	19.0	19.7	18.6	19.8	19.2	20.4	21.0
	3H	18.8	19.8	19.4	20.5	21.1	21.1	22.0	21.7	22.7	23.4
	4H	19.4	20.3	20.0	20.9	21.7	22.3	23.2	22.9	23.8	24.6
	6H	19.8	20.6	20.5	21.3	22.0	23.7	24.4	24.3	25.1	25.8
	8H	19.9	20.7	20.6	21.3	22.1	24.4	25.1	25.0	25.8	26.5
	12H	20.0	20.7	20.7	21.4	22.1	25.2	25.9	25.9	26.6	27.3
8H	4H	20.0	20.7	20.6	21.4	22.1	22.5	23.2	23.2	23.9	24.7
	6H	20.6	21.2	21.2	21.9	22.6	24.0	24.7	24.7	25.4	26.1
	8H	20.8	21.3	21.5	22.0	22.8	24.9	25.5	25.6	26.2	26.9
	12H	20.9	21.4	21.6	22.1	22.9	25.9	26.4	26.6	27.1	27.9
12H	4H	20.2	20.8	20.8	21.5	22.3	22.5	23.2	23.2	23.9	24.6
	6H	20.8	21.4	21.5	22.1	22.9	24.1	24.6	24.8	25.3	26.1
	8H	21.1	21.6	21.8	22.3	23.1	25.0	25.5	25.7	26.2	27.0

Maximum UGR = 27.9

POLAR GRAPH



Maximum Candela = 2492.203 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.)