

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L100-930-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-L100-930-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	7846
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	119
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	8678	7740	7612
55	7550	6641	6683
65	6395	5706	5956
75	5212	5011	5567
85	4094	4986	5882

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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	2539.255	2539.255	2539.255	2539.255	2539.255
0.5	2527.213	2536.846	2538.452	2537.649	2554.508
1.0	2527.213	2537.649	2537.649	2536.846	2553.705
1.5	2524.804	2537.649	2536.846	2536.044	2554.508
2.0	2524.002	2535.241	2536.846	2535.241	2552.100
2.5	2524.002	2535.241	2534.438	2534.438	2550.494
3.0	2521.593	2532.832	2532.832	2532.832	2548.888
3.5	2519.988	2530.424	2530.424	2531.227	2547.283
4.0	2518.382	2528.818	2528.818	2528.016	2545.677
4.5	2514.368	2526.410	2527.213	2526.410	2543.269
5.0	2511.960	2524.002	2524.002	2524.002	2540.860
5.5	2508.749	2520.791	2520.791	2521.593	2537.649
6.0	2507.143	2516.777	2517.579	2517.579	2534.438
6.5	2501.523	2513.565	2514.368	2514.368	2530.424
7.0	2498.312	2509.551	2510.354	2509.551	2527.213
7.5	2495.101	2504.735	2506.340	2506.340	2523.199
8.0	2491.087	2501.523	2501.523	2501.523	2517.579
8.5	2487.073	2495.904	2497.509	2497.509	2512.763
9.0	2480.651	2491.890	2492.693	2491.890	2507.143
9.5	2476.637	2486.270	2486.270	2486.270	2503.932
10.0	2470.214	2479.848	2479.848	2481.453	2497.509
10.5	2464.595	2474.228	2475.031	2475.031	2491.890
11.0	2458.975	2468.609	2469.411	2468.609	2485.467
11.5	2451.750	2462.186	2463.792	2462.186	2479.848
12.0	2445.327	2454.961	2456.567	2456.567	2472.623
12.5	2438.905	2447.736	2450.144	2448.539	2466.200
13.0	2431.680	2441.313	2442.919	2442.116	2458.975
13.5	2424.455	2433.285	2434.891	2434.891	2452.553
14.0	2415.624	2425.257	2426.863	2426.863	2443.722
14.5	2408.399	2417.229	2418.835	2418.835	2437.299
15.0	2401.173	2409.201	2410.004	2410.004	2427.666
15.5	2392.343	2399.568	2401.976	2401.976	2418.032
16.0	2382.709	2390.737	2393.145	2393.145	2410.004
16.5	2374.681	2381.103	2383.512	2384.315	2401.173
17.0	2363.442	2370.667	2373.878	2374.681	2391.540
17.5	2353.808	2361.033	2364.245	2365.047	2381.906
18.0	2344.977	2351.400	2353.808	2356.217	2373.075
18.5	2334.541	2341.766	2344.175	2345.780	2362.639
19.0	2324.105	2329.724	2333.738	2335.344	2351.400
19.5	2312.063	2320.091	2323.302	2326.513	2340.963
20.0	2299.218	2308.049	2312.063	2314.471	2329.724
20.5	2286.373	2297.612	2300.823	2304.035	2319.288
21.0	2275.937	2284.767	2287.176	2293.598	2308.049
21.5	2263.895	2272.725	2276.739	2279.951	2296.007
22.0	2251.050	2261.486	2265.500	2268.711	2285.570
22.5	2239.811	2247.036	2252.655	2257.472	2273.528
23.0	2226.163	2234.191	2239.811	2244.627	2260.683
23.5	2211.713	2220.543	2227.769	2232.585	2248.641
24.0	2197.262	2206.896	2214.121	2219.741	2235.797
24.5	2185.220	2193.248	2201.276	2206.093	2221.346
25.0	2171.573	2179.601	2188.431	2193.248	2208.501
25.5	2156.320	2165.953	2173.178	2180.404	2193.248
26.0	2141.869	2150.700	2160.334	2166.756	2181.206
26.5	2126.616	2135.447	2146.686	2152.306	2167.559

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27.0	2111.363	2119.391	2133.038	2140.264	2153.911
27.5	2093.701	2104.138	2117.785	2124.208	2140.264
28.0	2080.856	2088.884	2102.532	2109.757	2125.010
28.5	2063.998	2073.631	2087.279	2094.504	2109.757
29.0	2047.942	2057.575	2071.223	2080.054	2095.307
29.5	2031.083	2040.716	2055.167	2063.998	2079.251
30.0	2014.224	2024.660	2039.111	2050.350	2065.603
30.5	1996.562	2006.999	2023.858	2035.097	2049.547
31.0	1979.704	1990.140	2006.999	2019.041	2032.688
31.5	1962.042	1974.084	1990.943	2003.788	2018.238
32.0	1945.183	1955.620	1974.887	1986.929	2001.379
32.5	1926.719	1937.958	1958.028	1970.873	1985.323
33.0	1909.057	1921.099	1939.564	1954.817	1969.267
33.5	1892.198	1903.438	1923.508	1937.155	1952.408
34.0	1872.128	1884.973	1905.846	1921.099	1937.155
34.5	1853.664	1867.312	1888.987	1903.438	1919.494
35.0	1836.805	1848.045	1872.128	1887.382	1902.635
35.5	1815.130	1830.383	1853.664	1869.720	1884.973
36.0	1798.271	1811.116	1836.003	1852.058	1868.114
36.5	1777.398	1791.849	1817.538	1835.200	1852.058
37.0	1758.131	1773.384	1799.074	1816.735	1835.200
37.5	1738.061	1753.314	1781.412	1800.679	1816.735
38.0	1717.991	1734.047	1762.145	1782.215	1797.468
38.5	1697.118	1713.977	1743.681	1765.356	1779.807
39.0	1678.654	1693.907	1724.413	1746.892	1765.356
39.5	1657.781	1675.443	1705.949	1728.427	1746.089
40.0	1635.303	1654.570	1686.682	1711.569	1727.625
40.5	1614.430	1634.500	1668.217	1693.907	1709.963
41.0	1595.163	1614.430	1648.950	1675.443	1691.499
41.5	1574.290	1594.360	1629.683	1656.978	1673.837
42.0	1553.417	1574.290	1610.416	1639.317	1656.175
42.5	1533.347	1553.417	1590.346	1620.852	1637.711
43.0	1510.869	1533.347	1571.881	1603.191	1620.049
43.5	1491.602	1512.474	1551.811	1584.726	1602.388
44.0	1469.926	1491.602	1531.741	1567.065	1583.923
44.5	1449.856	1471.532	1511.672	1547.797	1565.459
45.0	1428.983	1450.659	1492.404	1530.939	1548.600
45.5	1408.110	1430.589	1473.137	1513.277	1530.939
46.0	1387.238	1409.716	1452.264	1494.010	1512.474
46.5	1366.365	1388.843	1434.603	1477.954	1494.813
47.0	1344.689	1368.773	1414.533	1458.687	1477.151
47.5	1323.816	1347.900	1394.463	1440.222	1458.687
48.0	1303.746	1327.028	1374.393	1423.364	1440.222
48.5	1281.268	1306.958	1355.928	1404.096	1422.561
49.0	1261.198	1285.282	1335.056	1385.632	1404.096
49.5	1240.325	1265.212	1315.788	1367.970	1386.435
50.0	1218.650	1244.339	1296.521	1348.703	1367.970
50.5	1198.580	1224.269	1276.451	1332.647	1351.112
51.0	1177.707	1203.396	1258.790	1314.183	1333.450
51.5	1157.637	1182.524	1238.720	1296.521	1315.788
52.0	1135.961	1162.454	1219.452	1278.057	1298.127
52.5	1115.089	1141.581	1200.988	1259.592	1281.268
53.0	1093.413	1121.511	1181.721	1243.536	1262.804
53.5	1072.540	1101.441	1163.257	1225.072	1245.945
54.0	1052.470	1081.371	1144.792	1207.410	1229.086
54.5	1033.203	1060.498	1126.328	1191.354	1212.227

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55.0	1013.133	1041.231	1107.863	1172.890	1196.974
55.5	996.274	1021.161	1089.399	1156.031	1178.510
56.0	977.007	1003.499	1071.737	1139.173	1161.651
56.5	956.937	985.035	1053.273	1122.314	1145.595
57.0	937.670	966.571	1035.611	1105.455	1128.736
57.5	917.600	947.303	1020.358	1089.399	1110.272
58.0	897.530	928.036	1002.697	1071.737	1096.624
58.5	878.263	908.769	985.035	1056.484	1080.568
59.0	858.995	889.502	968.176	1042.837	1063.709
59.5	839.728	871.037	952.923	1025.978	1050.865
60.0	820.461	851.770	936.064	1009.922	1034.809
60.5	801.595	833.306	919.205	994.669	1018.753
61.0	782.649	814.842	902.347	979.415	1003.499
61.5	763.864	796.538	885.488	964.162	989.049
62.0	745.399	778.394	869.432	949.712	973.796
62.5	727.176	760.412	852.573	935.261	959.345
63.0	708.711	742.509	836.517	920.008	946.501
63.5	690.408	724.848	821.264	905.558	932.050
64.0	672.585	707.427	805.208	890.305	917.600
64.5	654.844	690.408	789.955	875.854	903.149
65.0	637.262	673.308	774.621	861.404	889.502
65.5	619.922	656.610	759.448	846.953	875.051
66.0	602.340	639.911	744.436	832.503	861.404
66.5	585.161	623.615	729.504	818.856	847.756
67.0	568.382	607.478	714.652	804.405	834.109
67.5	551.523	591.583	700.121	790.918	820.461
68.0	534.905	576.089	685.671	777.270	807.616
68.5	518.528	560.675	671.542	764.024	794.210
69.0	502.231	545.422	657.573	750.698	781.525
69.5	486.175	530.490	643.765	737.773	768.921
70.0	470.200	515.799	630.198	725.089	756.398
70.5	454.625	501.268	616.630	712.404	744.035
71.0	439.212	486.898	603.304	699.881	731.832
71.5	423.958	472.849	590.298	687.678	719.790
72.0	409.026	458.720	577.293	675.556	708.069
72.5	394.014	445.072	564.609	663.674	696.429
73.0	379.403	431.505	552.005	651.953	684.708
73.5	365.194	418.098	539.802	640.313	673.308
74.0	351.145	405.093	527.439	629.074	661.828
74.5	337.336	392.007	515.638	617.915	650.990
75.0	323.608	379.242	503.917	606.997	640.473
75.5	310.121	366.799	492.357	596.159	629.796
76.0	297.036	354.597	481.118	585.401	619.360
76.5	284.030	342.555	469.959	574.885	608.923
77.0	271.186	330.593	458.960	564.448	598.808
77.5	258.582	318.952	448.123	554.333	588.773
78.0	246.138	307.552	437.606	544.378	578.899
78.5	233.936	296.313	427.170	534.343	569.105
79.0	221.974	285.395	417.054	524.629	559.471
79.5	210.093	274.557	407.100	515.156	549.837
80.0	198.372	263.880	397.145	505.764	540.685
80.5	186.972	253.524	387.511	496.291	531.373
81.0	175.893	243.329	378.279	487.139	522.301
81.5	164.654	233.374	369.047	478.067	513.230
82.0	153.816	223.660	360.056	469.317	504.479
82.5	143.219	214.107	351.225	460.566	495.889

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83.0	132.783	204.794	342.555	452.137	487.540
83.5	122.427	195.723	334.286	443.547	478.870
84.0	112.312	186.892	326.258	435.438	470.601
84.5	102.277	178.382	318.390	427.410	462.493
85.0	92.643	170.113	310.683	419.463	454.385
85.5	83.009	162.246	303.137	411.756	446.517
86.0	73.536	154.699	295.751	404.210	438.730
86.5	64.144	147.635	288.767	396.663	430.943
87.0	54.911	140.811	281.702	389.518	423.316
87.5	45.679	134.469	275.039	382.293	416.011
88.0	36.527	128.287	268.456	375.309	408.625
88.5	27.295	122.507	262.114	368.405	401.480
89.0	18.866	117.048	256.093	361.741	394.415
89.5	11.962	111.991	250.233	355.319	387.511
90.0	7.145	107.495	244.854	349.218	381.169
90.5	5.058	103.561	239.876	343.117	374.426
91.0	5.379	99.949	234.819	336.935	368.003
91.5	6.422	96.497	229.761	331.075	361.581
92.0	7.627	93.606	224.944	325.134	355.319
92.5	8.911	91.118	220.850	319.434	349.138
93.0	10.196	88.950	216.595	314.055	343.197
93.5	11.560	87.264	212.581	308.757	337.577
94.0	13.005	85.819	208.808	303.779	332.118
94.5	14.370	84.776	205.276	298.722	326.499
95.0	15.735	83.973	201.984	293.744	321.120
95.5	17.019	83.411	198.934	289.008	315.821
96.0	18.063	83.170	196.284	284.432	310.603
96.5	19.107	83.170	193.635	280.177	305.786
97.0	20.070	83.250	191.227	276.083	300.970
97.5	21.114	83.571	188.979	272.149	296.554
98.0	21.997	83.893	186.972	268.296	292.058
98.5	23.040	84.294	185.286	264.603	287.884
99.0	24.084	84.776	183.520	261.151	283.790
99.5	25.208	85.338	181.995	257.859	279.776
100.0	26.171	85.900	180.790	254.809	276.163
100.5	27.295	86.542	179.586	251.838	272.470
101.0	28.259	87.184	178.703	249.028	269.179
101.5	29.222	87.826	177.820	246.379	265.807
102.0	30.105	88.469	177.178	243.890	262.837
102.5	30.988	89.111	176.536	241.562	259.866
103.0	31.871	89.833	176.054	239.234	257.217
103.5	32.835	90.556	175.653	237.227	254.487
104.0	33.878	91.198	175.251	235.381	251.999
104.5	34.922	91.921	175.010	233.615	249.671
105.0	35.885	92.643	174.769	232.009	247.423
105.5	36.768	93.285	174.529	230.323	245.496
106.0	37.812	94.088	174.448	228.878	243.569
106.5	38.775	94.811	174.448	227.513	241.643
107.0	39.739	95.613	174.448	226.229	240.037
107.5	40.622	96.256	174.448	225.266	238.351
108.0	41.746	97.058	174.448	224.142	236.665
108.5	42.789	97.861	174.529	223.339	235.541
109.0	43.833	98.504	174.689	222.295	234.417
109.5	44.957	99.226	174.769	221.573	233.213
110.0	46.081	99.949	174.930	220.770	232.250
110.5	47.205	100.671	175.091	220.047	231.367

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CANDELA TABULATION - (Cont.)

111.0	48.329	101.394	175.171	219.405	230.403
111.5	49.452	102.036	175.251	218.923	229.601
112.0	50.657	102.758	175.412	218.442	228.637
112.5	51.861	103.481	175.572	217.880	227.754
113.0	53.145	104.203	175.813	217.478	227.353
113.5	54.350	104.846	175.813	217.077	226.791
114.0	55.634	105.488	175.974	216.756	226.229
114.5	56.838	106.210	176.134	216.354	225.747
115.0	58.123	106.772	176.295	216.114	225.346
115.5	59.407	107.495	176.295	215.873	224.944
116.0	60.611	108.137	176.536	215.552	224.463
116.5	61.735	108.779	176.696	215.231	224.302
117.0	63.020	109.502	176.857	215.231	223.901
117.5	64.224	110.064	177.017	214.909	223.660
118.0	65.268	110.626	177.178	214.749	223.339
118.5	66.472	111.188	177.258	214.508	223.259
119.0	67.515	111.750	177.419	214.267	222.777
119.5	68.639	112.151	177.579	214.026	222.697
120.0	69.683	112.552	177.499	213.866	222.295
120.5	70.727	113.034	177.579	213.545	222.215
121.0	71.770	113.355	177.740	213.304	221.894
121.5	72.894	113.757	177.660	212.983	221.733
122.0	73.938	114.238	177.660	212.822	221.492
122.5	74.981	114.720	177.740	212.501	220.930
123.0	76.025	115.202	177.660	212.180	220.850
123.5	76.988	115.603	177.499	211.939	220.368
124.0	77.791	115.924	177.499	211.698	220.288
124.5	78.594	116.245	177.499	211.297	219.967
125.0	79.397	116.647	177.338	210.895	219.646
125.5	80.200	116.888	177.178	210.655	219.245
126.0	80.922	117.209	177.098	210.173	218.923
126.5	81.564	117.610	176.937	209.852	218.683
127.0	82.287	117.771	176.776	209.450	218.361
127.5	82.849	118.012	176.536	209.049	217.800
128.0	83.571	118.012	176.455	208.567	217.478
128.5	84.133	118.172	176.134	208.166	217.157
129.0	84.695	118.333	175.813	207.765	216.756
129.5	85.177	118.573	175.251	207.122	216.274
130.0	85.578	118.734	174.689	206.721	215.793
130.5	85.980	118.895	174.047	206.239	215.231
131.0	86.221	119.135	173.405	205.517	214.669
131.5	86.542	119.376	172.762	204.874	214.107
132.0	86.863	119.617	172.040	204.473	213.625
132.5	87.023	119.697	171.237	203.670	212.902
133.0	87.264	119.778	170.916	202.948	212.019
133.5	87.345	119.697	170.434	202.386	211.618
134.0	87.425	119.537	170.113	201.744	211.056
134.5	87.666	119.216	169.712	201.021	210.012
135.0	87.907	118.975	169.230	200.058	209.210
135.5	87.826	118.333	168.829	199.415	208.567
136.0	87.987	118.252	168.267	198.613	207.765
136.5	88.147	118.012	167.865	197.730	206.962
137.0	88.228	117.610	167.223	197.007	206.079
137.5	88.308	117.209	166.661	196.044	205.276
138.0	88.469	116.968	165.858	195.241	204.312
138.5	88.469	116.647	164.815	194.358	203.590

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	88.388	116.406	163.611	193.314	202.466
139.5	88.388	116.085	162.166	192.190	201.663
140.0	88.388	115.683	160.560	191.147	200.539
140.5	88.388	115.443	159.115	189.862	199.335
141.0	88.388	115.282	157.509	188.497	198.372
141.5	88.388	114.961	155.904	187.293	197.408
142.0	88.308	114.800	154.378	185.768	196.365
142.5	88.228	114.559	152.773	184.403	195.161
143.0	88.147	114.319	151.247	183.119	193.956
143.5	88.147	113.998	149.481	181.754	192.832
144.0	88.147	113.596	147.956	180.710	191.548
144.5	88.388	113.275	146.431	179.506	190.424
145.0	88.709	112.954	144.745	178.462	189.140
145.5	89.271	112.552	143.219	177.419	187.855
146.0	89.994	112.231	141.774	176.295	186.651
146.5	90.716	111.910	140.570	175.091	185.286
147.0	91.439	111.509	139.205	173.886	183.921
147.5	92.081	111.348	138.162	172.682	182.557
148.0	92.804	111.027	137.038	171.317	181.112
148.5	93.446	110.947	136.155	170.033	179.667
149.0	94.249	110.947	135.191	168.748	178.382
149.5	94.811	111.188	134.308	167.384	176.776
150.0	95.453	111.348	133.425	166.099	175.091
150.5	96.015	111.429	132.462	164.654	173.324
151.0	96.416	111.669	131.177	163.209	171.237
151.5	96.818	111.750	129.813	161.684	169.310
152.0	97.299	111.910	128.528	160.078	167.384
152.5	97.781	112.071	127.324	158.392	165.296
153.0	98.102	112.151	126.040	156.466	163.611
153.5	98.504	112.392	124.675	154.459	161.684
154.0	98.825	112.312	123.471	152.211	160.078
154.5	99.226	112.392	122.427	150.043	158.473
155.0	99.387	112.552	121.383	147.555	157.268
155.5	99.708	112.633	120.340	145.226	155.984
156.0	99.949	112.633	119.617	142.738	154.860
156.5	100.350	112.633	118.895	140.249	153.415
157.0	100.511	112.793	118.172	138.001	152.050
157.5	100.751	112.793	117.690	135.834	150.525
158.0	101.072	112.713	117.450	133.586	149.080
158.5	101.153	112.713	117.128	131.739	147.394
159.0	101.554	112.472	116.888	129.973	145.949
159.5	101.875	112.312	116.486	128.287	144.343
160.0	102.277	112.151	116.085	126.923	142.738
160.5	102.758	112.071	115.764	125.638	141.212
161.0	103.079	111.830	115.683	124.273	139.687
161.5	103.561	111.750	115.523	122.909	138.563
162.0	103.963	111.589	115.764	121.785	137.600
162.5	104.364	111.589	115.924	120.580	136.476
163.0	104.846	111.509	116.005	119.296	135.513
163.5	105.247	111.509	116.165	117.931	134.308
164.0	105.408	111.509	116.326	116.245	133.184
164.5	105.648	111.348	116.165	114.961	131.739
165.0	105.889	111.348	115.924	113.676	130.294
165.5	106.130	111.268	115.683	112.793	128.769
166.0	106.371	111.188	115.523	111.830	126.441
166.5	106.612	111.188	115.282	111.027	125.317

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	106.933	111.188	115.041	110.305	124.434
167.5	107.093	111.188	114.559	109.662	123.551
168.0	107.334	111.188	114.158	109.020	122.828
168.5	107.816	110.867	113.596	108.458	121.945
169.0	108.057	110.947	113.195	107.896	121.062
169.5	108.458	110.706	112.552	107.254	120.099
170.0	108.619	110.626	111.991	106.451	119.216
170.5	108.860	110.465	111.268	105.568	118.252
171.0	109.020	110.305	110.465	104.605	117.048
171.5	109.261	110.305	109.743	103.722	116.085
172.0	109.662	110.144	109.341	102.839	114.640
172.5	109.903	110.144	108.860	101.875	113.034
173.0	110.224	109.984	108.458	100.992	110.305
173.5	110.626	110.064	108.298	100.109	106.210
174.0	110.947	110.064	108.217	99.387	101.153
174.5	111.188	110.064	108.057	98.664	95.132
175.0	111.669	110.305	107.977	98.102	88.308
175.5	111.830	110.385	107.896	97.861	81.163
176.0	112.151	110.545	107.896	97.620	76.507
176.5	112.231	110.626	107.816	97.620	73.215
177.0	112.552	110.786	107.655	97.380	69.844
177.5	112.633	110.786	107.415	97.299	69.121
178.0	112.954	110.947	107.334	97.219	69.282
178.5	113.114	111.027	107.415	97.058	69.442
179.0	113.275	111.027	107.334	96.818	69.522
179.5	113.436	111.027	107.254	96.737	69.603
180.0	101.715	101.715	101.715	101.715	101.715

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L100-930-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	919.10	N.A.	11.70
0-30	1925.83	N.A.	24.50
0-40	3093.59	N.A.	39.40
0-60	5235.49	N.A.	66.70
0-80	6522.49	N.A.	83.10
0-90	6846.17	N.A.	87.30
10-90	6606.55	N.A.	84.20
20-40	2174.48	N.A.	27.70
20-50	3324.43	N.A.	42.40
40-70	2904.88	N.A.	37.00
60-80	1287.00	N.A.	16.40
70-80	524.02	N.A.	6.70
80-90	323.68	N.A.	4.10
90-110	378.06	N.A.	4.80
90-120	537.21	N.A.	6.80
90-130	683.69	N.A.	8.70
90-150	897.57	N.A.	11.40
90-180	999.81	N.A.	12.70
110-180	621.75	N.A.	7.90
0-180	7845.97	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	239.61
10-20	679.49
20-30	1006.73
30-40	1167.75
40-50	1149.95
50-60	991.96
60-70	762.98
70-80	524.02
80-90	323.68
90-100	207.38
100-110	170.68
110-120	159.16
120-130	146.48
130-140	123.09
140-150	90.78
150-160	59.35
160-170	32.70
170-180	10.19

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L100-930-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-L100-930-DIM-UNV_.IES

UGR TABLE - CORRECTED

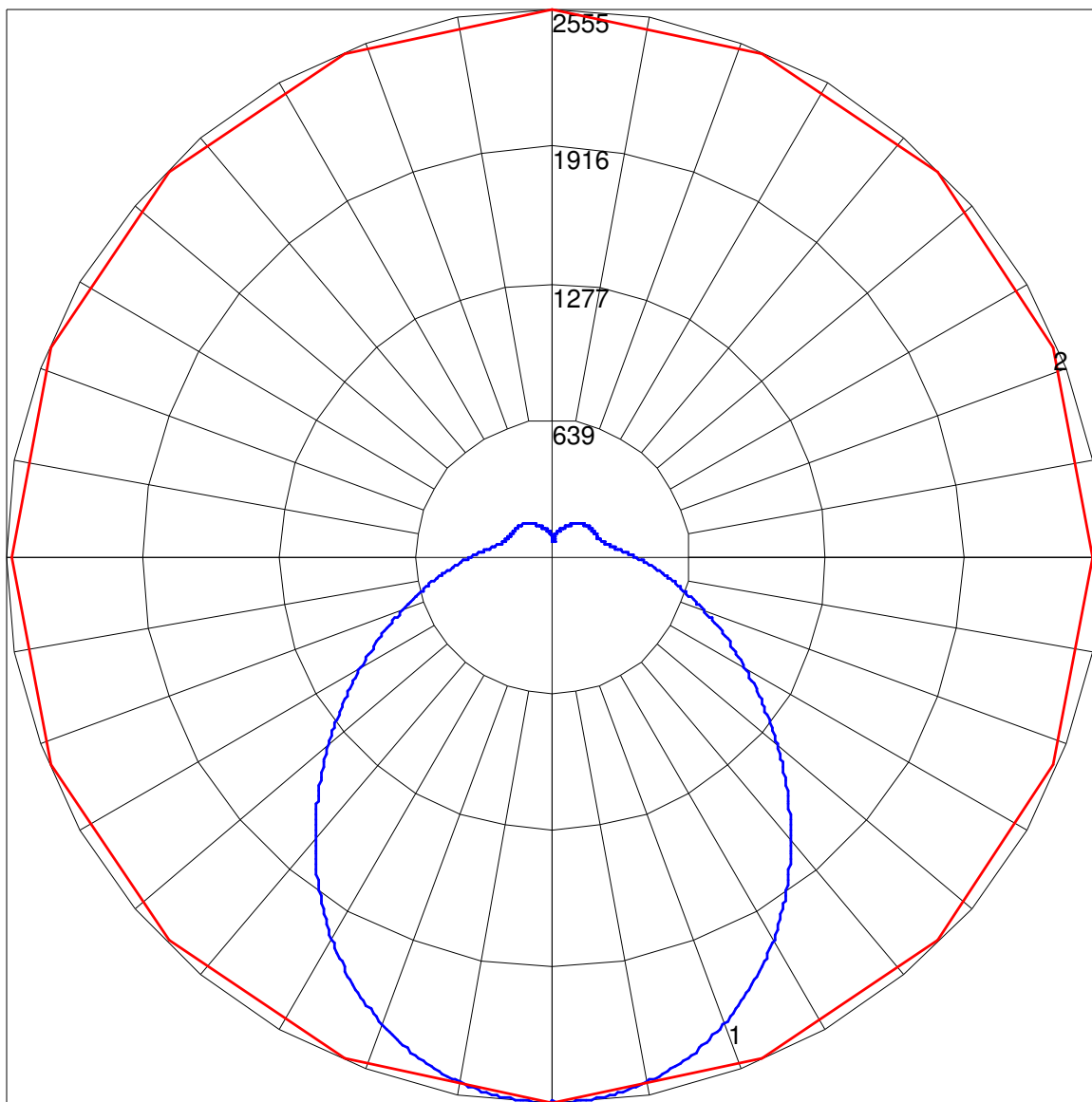
Reflectances

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	23.3	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	20.5	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 = 2554.508 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.)