

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L100-950-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-L100-950-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	8516
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	129
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	9419	8400	8262
55	8194	7208	7253
65	6941	6193	6464
75	5657	5439	6042
85	4443	5411	6384

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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	2756.021	2756.021	2756.021	2756.021	2756.021
0.5	2742.951	2753.407	2755.149	2754.278	2772.576
1.0	2742.951	2754.278	2754.278	2753.407	2771.705
1.5	2740.337	2754.278	2753.407	2752.535	2772.576
2.0	2739.465	2751.664	2753.407	2751.664	2769.962
2.5	2739.465	2751.664	2750.793	2750.793	2768.219
3.0	2736.851	2749.050	2749.050	2749.050	2766.477
3.5	2735.109	2746.436	2746.436	2747.307	2764.734
4.0	2733.366	2744.693	2744.693	2743.822	2762.991
4.5	2729.009	2742.079	2742.951	2742.079	2760.377
5.0	2726.395	2739.465	2739.465	2739.465	2757.763
5.5	2722.910	2735.980	2735.980	2736.851	2754.278
6.0	2721.167	2731.623	2732.495	2732.495	2750.793
6.5	2715.068	2728.138	2729.009	2729.009	2746.436
7.0	2711.583	2723.781	2724.653	2723.781	2742.951
7.5	2708.097	2718.553	2720.296	2720.296	2738.594
8.0	2703.741	2715.068	2715.068	2715.068	2732.495
8.5	2699.384	2708.969	2710.711	2710.711	2727.267
9.0	2692.413	2704.612	2705.483	2704.612	2721.167
9.5	2688.057	2698.513	2698.513	2698.513	2717.682
10.0	2681.086	2691.542	2691.542	2693.285	2710.711
10.5	2674.987	2685.443	2686.314	2686.314	2704.612
11.0	2668.888	2679.343	2680.215	2679.343	2697.641
11.5	2661.046	2672.373	2674.115	2672.373	2691.542
12.0	2654.075	2664.531	2666.274	2666.274	2683.700
12.5	2647.104	2656.689	2659.303	2657.560	2676.729
13.0	2639.262	2649.718	2651.461	2650.590	2668.888
13.5	2631.420	2641.005	2642.748	2642.748	2661.917
14.0	2621.836	2632.292	2634.034	2634.034	2652.332
14.5	2613.994	2623.578	2625.321	2625.321	2645.362
15.0	2606.152	2614.865	2615.736	2615.736	2634.906
15.5	2596.567	2604.409	2607.023	2607.023	2624.450
16.0	2586.111	2594.824	2597.438	2597.438	2615.736
16.5	2577.398	2584.368	2586.982	2587.854	2606.152
17.0	2565.199	2573.041	2576.526	2577.398	2595.696
17.5	2554.743	2562.585	2566.070	2566.942	2585.240
18.0	2545.158	2552.129	2554.743	2557.357	2575.655
18.5	2533.831	2541.673	2544.287	2546.030	2564.328
19.0	2522.504	2528.603	2532.960	2534.703	2552.129
19.5	2509.434	2518.147	2521.633	2525.118	2540.802
20.0	2495.493	2505.077	2509.434	2512.048	2528.603
20.5	2481.551	2493.750	2497.235	2500.721	2517.276
21.0	2470.224	2479.809	2482.423	2489.393	2505.077
21.5	2457.154	2466.739	2471.095	2474.581	2492.007
22.0	2443.213	2454.540	2458.897	2462.382	2480.680
22.5	2431.014	2438.856	2444.955	2450.183	2467.610
23.0	2416.201	2424.915	2431.014	2436.242	2453.669
23.5	2400.517	2410.102	2417.944	2423.172	2440.599
24.0	2384.834	2395.290	2403.131	2409.231	2426.657
24.5	2371.764	2380.477	2389.190	2394.418	2410.973
25.0	2356.951	2365.664	2375.249	2380.477	2397.032
25.5	2340.396	2350.852	2358.694	2366.536	2380.477
26.0	2324.712	2334.296	2344.752	2351.723	2367.407
26.5	2308.156	2317.741	2329.940	2336.039	2352.594

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27.0	2291.601	2300.314	2315.127	2322.969	2337.782
27.5	2272.432	2283.759	2298.572	2305.542	2322.969
28.0	2258.491	2267.204	2282.016	2289.858	2306.414
28.5	2240.193	2250.649	2265.461	2273.303	2289.858
29.0	2222.766	2233.222	2248.035	2257.619	2274.174
29.5	2204.468	2214.924	2230.608	2240.193	2256.748
30.0	2186.170	2197.497	2213.181	2225.380	2241.935
30.5	2167.001	2178.328	2196.626	2208.825	2224.509
31.0	2148.703	2160.030	2178.328	2191.398	2206.211
31.5	2129.533	2142.603	2160.901	2174.843	2190.527
32.0	2111.236	2122.563	2143.475	2156.545	2172.229
32.5	2091.195	2103.394	2125.177	2139.118	2154.802
33.0	2072.026	2085.096	2105.136	2121.692	2137.375
33.5	2053.728	2065.926	2087.710	2102.522	2119.078
34.0	2031.944	2045.886	2068.540	2085.096	2102.522
34.5	2011.904	2026.716	2050.242	2065.926	2083.353
35.0	1993.606	2005.804	2031.944	2048.500	2065.055
35.5	1970.080	1986.635	2011.904	2029.330	2045.886
36.0	1951.782	1965.723	1992.734	2010.161	2027.588
36.5	1929.127	1944.811	1972.694	1991.863	2010.161
37.0	1908.215	1924.771	1952.653	1971.823	1991.863
37.5	1886.432	1902.987	1933.484	1954.396	1971.823
38.0	1864.649	1882.075	1912.572	1934.355	1950.911
38.5	1841.994	1860.292	1892.531	1916.057	1931.741
39.0	1821.954	1838.509	1871.619	1896.017	1916.057
39.5	1799.299	1818.468	1851.579	1875.976	1895.145
40.0	1774.902	1795.814	1830.667	1857.678	1875.105
40.5	1752.247	1774.030	1810.626	1838.509	1855.935
41.0	1731.335	1752.247	1789.714	1818.468	1835.895
41.5	1708.681	1730.464	1768.802	1798.428	1816.726
42.0	1686.026	1708.681	1747.890	1779.258	1797.556
42.5	1664.243	1686.026	1726.107	1759.218	1777.516
43.0	1639.845	1664.243	1706.067	1740.048	1758.346
43.5	1618.933	1641.588	1684.283	1720.008	1739.177
44.0	1595.407	1618.933	1662.500	1700.839	1719.136
44.5	1573.624	1597.150	1640.717	1679.927	1699.096
45.0	1550.970	1574.496	1619.805	1661.629	1680.798
45.5	1528.315	1552.712	1598.893	1642.459	1661.629
46.0	1505.660	1530.058	1576.238	1621.547	1641.588
46.5	1483.006	1507.403	1557.069	1604.121	1622.419
47.0	1459.480	1485.620	1535.286	1583.209	1603.249
47.5	1436.825	1462.965	1513.502	1563.168	1583.209
48.0	1415.042	1440.310	1491.719	1544.870	1563.168
48.5	1390.645	1418.527	1471.678	1523.958	1543.999
49.0	1368.861	1395.001	1449.024	1503.918	1523.958
49.5	1346.207	1373.218	1428.112	1484.748	1504.789
50.0	1322.681	1350.563	1407.200	1463.836	1484.748
50.5	1300.898	1328.780	1385.417	1446.410	1466.450
51.0	1278.243	1306.125	1366.247	1426.369	1447.281
51.5	1256.460	1283.471	1344.464	1407.200	1428.112
52.0	1232.934	1261.688	1323.552	1387.159	1408.943
52.5	1210.279	1239.033	1303.511	1367.119	1390.645
53.0	1186.753	1217.250	1282.600	1349.692	1370.604
53.5	1164.099	1195.466	1262.559	1329.651	1352.306
54.0	1142.315	1173.683	1242.518	1310.482	1334.008
54.5	1121.403	1151.029	1222.478	1293.056	1315.710

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55.0	1099.620	1130.117	1202.437	1273.015	1299.155
55.5	1081.322	1108.333	1182.396	1254.717	1279.114
56.0	1060.410	1089.164	1163.227	1236.419	1260.816
56.5	1038.627	1069.123	1143.187	1218.121	1243.390
57.0	1017.715	1049.083	1124.017	1199.823	1225.092
57.5	995.932	1028.171	1107.462	1182.396	1205.051
58.0	974.148	1007.259	1088.293	1163.227	1190.238
58.5	953.236	986.347	1069.123	1146.672	1172.812
59.0	932.324	965.435	1050.825	1131.859	1154.514
59.5	911.412	945.394	1034.270	1113.561	1140.573
60.0	890.501	924.482	1015.972	1096.135	1123.146
60.5	870.024	904.442	997.674	1079.579	1105.719
61.0	849.461	884.401	979.376	1063.024	1089.164
61.5	829.072	864.535	961.078	1046.469	1073.480
62.0	809.031	844.843	943.652	1030.785	1056.925
62.5	789.252	825.325	925.354	1015.101	1041.241
63.0	769.211	805.894	907.927	998.546	1027.300
63.5	749.345	786.725	891.372	982.862	1011.616
64.0	730.001	767.817	873.945	966.306	995.932
64.5	710.745	749.345	857.390	950.622	980.248
65.0	691.663	730.785	840.747	934.938	965.435
65.5	672.842	712.662	824.279	919.254	949.751
66.0	653.760	694.538	807.985	903.570	934.938
66.5	635.113	676.850	791.779	888.758	920.126
67.0	616.903	659.336	775.659	873.074	905.313
67.5	598.605	642.084	759.888	858.436	890.501
68.0	580.568	625.267	744.204	843.623	876.559
68.5	562.793	608.538	728.869	829.246	862.008
69.0	545.105	591.982	713.707	814.782	848.241
69.5	527.678	575.776	698.721	800.753	834.561
70.0	510.339	559.830	683.995	786.986	820.968
70.5	493.435	544.059	669.270	773.219	807.550
71.0	476.705	528.462	654.805	759.627	794.306
71.5	460.150	513.214	640.690	746.382	781.236
72.0	443.943	497.879	626.574	733.225	768.514
72.5	427.649	483.066	612.807	720.330	755.880
73.0	411.791	468.341	599.127	707.608	743.158
73.5	396.369	453.789	585.883	694.974	730.785
74.0	381.120	439.674	572.465	682.775	718.325
74.5	366.133	425.471	559.656	670.664	706.562
75.0	351.234	411.617	546.935	658.814	695.148
75.5	336.595	398.111	534.387	647.051	683.559
76.0	322.393	384.867	522.189	635.375	672.232
76.5	308.277	371.797	510.077	623.960	660.905
77.0	294.336	358.814	498.140	612.633	649.926
77.5	280.656	346.180	486.377	601.654	639.034
78.0	267.150	333.807	474.963	590.850	628.317
78.5	253.906	321.608	463.635	579.958	617.687
79.0	240.923	309.758	452.657	569.415	607.231
79.5	228.027	297.995	441.852	559.133	596.775
80.0	215.306	286.407	431.048	548.939	586.842
80.5	202.933	275.166	420.592	538.657	576.734
81.0	190.909	264.100	410.571	528.724	566.888
81.5	178.710	253.296	400.551	518.878	557.042
82.0	166.947	242.753	390.792	509.380	547.545
82.5	155.445	232.384	381.207	499.883	538.221

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83.0	144.118	222.277	371.797	490.734	529.159
83.5	132.878	212.431	362.822	481.410	519.749
84.0	121.899	202.846	354.109	472.610	510.774
84.5	111.008	193.610	345.570	463.897	501.974
85.0	100.552	184.635	337.205	455.271	493.173
85.5	90.096	176.096	329.015	446.906	484.634
86.0	79.814	167.906	320.998	438.715	476.183
86.5	69.619	160.238	313.418	430.525	467.731
87.0	59.599	152.831	305.750	422.770	459.453
87.5	49.579	145.948	298.518	414.928	451.524
88.0	39.646	139.239	291.373	407.347	443.508
88.5	29.625	132.965	284.490	399.854	435.753
89.0	20.476	127.040	277.955	392.622	428.085
89.5	12.983	121.551	271.594	385.651	420.592
90.0	7.755	116.671	265.756	379.029	413.708
90.5	5.489	112.402	260.354	372.407	406.389
91.0	5.838	108.481	254.864	365.698	399.418
91.5	6.971	104.734	249.375	359.337	392.448
92.0	8.278	101.597	244.147	352.889	385.651
92.5	9.672	98.896	239.703	346.703	378.942
93.0	11.066	96.543	235.085	340.865	372.494
93.5	12.547	94.714	230.729	335.114	366.395
94.0	14.116	93.145	226.633	329.712	360.470
94.5	15.597	92.013	222.799	324.222	354.370
95.0	17.078	91.141	219.227	318.820	348.532
95.5	18.472	90.531	215.916	313.679	342.782
96.0	19.605	90.270	213.040	308.713	337.118
96.5	20.738	90.270	210.165	304.095	331.890
97.0	21.783	90.357	207.551	299.651	326.662
97.5	22.916	90.706	205.111	295.381	321.870
98.0	23.874	91.054	202.933	291.199	316.990
98.5	25.007	91.490	201.103	287.191	312.459
99.0	26.140	92.013	199.186	283.444	308.016
99.5	27.360	92.623	197.531	279.872	303.659
100.0	28.405	93.232	196.224	276.561	299.738
100.5	29.625	93.930	194.917	273.337	295.730
101.0	30.671	94.627	193.958	270.287	292.157
101.5	31.716	95.324	193.000	267.412	288.498
102.0	32.675	96.021	192.303	264.710	285.274
102.5	33.633	96.718	191.606	262.184	282.050
103.0	34.592	97.502	191.083	259.657	279.175
103.5	35.637	98.286	190.647	257.478	276.212
104.0	36.770	98.983	190.212	255.474	273.511
104.5	37.903	99.767	189.950	253.557	270.984
105.0	38.949	100.552	189.689	251.815	268.544
105.5	39.907	101.249	189.427	249.985	266.453
106.0	41.040	102.120	189.340	248.417	264.362
106.5	42.085	102.904	189.340	246.935	262.271
107.0	43.131	103.776	189.340	245.541	260.528
107.5	44.089	104.473	189.340	244.496	258.698
108.0	45.309	105.344	189.340	243.276	256.868
108.5	46.442	106.215	189.427	242.404	255.649
109.0	47.575	106.912	189.602	241.272	254.429
109.5	48.795	107.697	189.689	240.487	253.122
110.0	50.014	108.481	189.863	239.616	252.076
110.5	51.234	109.265	190.037	238.832	251.118

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CANDELA TABULATION - (Cont.)

111.0	52.454	110.049	190.124	238.135	250.072
111.5	53.674	110.746	190.212	237.612	249.201
112.0	54.981	111.530	190.386	237.089	248.155
112.5	56.288	112.315	190.560	236.479	247.197
113.0	57.682	113.099	190.822	236.044	246.761
113.5	58.989	113.796	190.822	235.608	246.151
114.0	60.383	114.493	190.996	235.259	245.541
114.5	61.690	115.277	191.170	234.824	245.018
115.0	63.084	115.887	191.344	234.562	244.583
115.5	64.479	116.671	191.344	234.301	244.147
116.0	65.786	117.368	191.606	233.952	243.624
116.5	67.005	118.065	191.780	233.604	243.450
117.0	68.400	118.850	191.954	233.604	243.014
117.5	69.706	119.460	192.129	233.255	242.753
118.0	70.839	120.069	192.303	233.081	242.404
118.5	72.146	120.679	192.390	232.820	242.317
119.0	73.279	121.289	192.564	232.558	241.794
119.5	74.499	121.725	192.738	232.297	241.707
120.0	75.632	122.161	192.651	232.123	241.272
120.5	76.764	122.683	192.738	231.774	241.184
121.0	77.897	123.032	192.913	231.513	240.836
121.5	79.117	123.468	192.826	231.164	240.662
122.0	80.250	123.990	192.826	230.990	240.400
122.5	81.382	124.513	192.913	230.641	239.790
123.0	82.515	125.036	192.826	230.293	239.703
123.5	83.561	125.472	192.651	230.031	239.180
124.0	84.432	125.820	192.651	229.770	239.093
124.5	85.303	126.169	192.651	229.334	238.745
125.0	86.175	126.604	192.477	228.899	238.396
125.5	87.046	126.866	192.303	228.637	237.961
126.0	87.830	127.214	192.216	228.115	237.612
126.5	88.527	127.650	192.041	227.766	237.351
127.0	89.311	127.824	191.867	227.330	237.002
127.5	89.921	128.086	191.606	226.895	236.392
128.0	90.706	128.086	191.519	226.372	236.044
128.5	91.316	128.260	191.170	225.936	235.695
129.0	91.925	128.434	190.822	225.501	235.259
129.5	92.448	128.696	190.212	224.803	234.737
130.0	92.884	128.870	189.602	224.368	234.214
130.5	93.320	129.044	188.905	223.845	233.604
131.0	93.581	129.306	188.208	223.061	232.994
131.5	93.930	129.567	187.510	222.364	232.384
132.0	94.278	129.828	186.726	221.928	231.861
132.5	94.452	129.915	185.855	221.057	231.077
133.0	94.714	130.003	185.506	220.273	230.119
133.5	94.801	129.915	184.984	219.663	229.683
134.0	94.888	129.741	184.635	218.966	229.073
134.5	95.149	129.393	184.199	218.181	227.940
135.0	95.411	129.131	183.677	217.136	227.069
135.5	95.324	128.434	183.241	216.439	226.372
136.0	95.498	128.347	182.631	215.567	225.501
136.5	95.672	128.086	182.195	214.609	224.629
137.0	95.759	127.650	181.498	213.825	223.671
137.5	95.846	127.214	180.888	212.779	222.799
138.0	96.021	126.953	180.017	211.908	221.754
138.5	96.021	126.604	178.884	210.949	220.970

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CANDELA TABULATION - (Cont.)

139.0	95.934	126.343	177.577	209.817	219.750
139.5	95.934	125.994	176.009	208.597	218.878
140.0	95.934	125.559	174.266	207.464	217.659
140.5	95.934	125.297	172.698	206.070	216.352
141.0	95.934	125.123	170.955	204.589	215.306
141.5	95.934	124.775	169.213	203.282	214.260
142.0	95.846	124.600	167.557	201.626	213.128
142.5	95.759	124.339	165.814	200.145	211.821
143.0	95.672	124.078	164.159	198.751	210.514
143.5	95.672	123.729	162.242	197.269	209.294
144.0	95.672	123.293	160.586	196.137	207.900
144.5	95.934	122.945	158.931	194.830	206.680
145.0	96.282	122.596	157.101	193.697	205.286
145.5	96.892	122.161	155.445	192.564	203.892
146.0	97.676	121.812	153.877	191.344	202.585
146.5	98.460	121.464	152.570	190.037	201.103
147.0	99.245	121.028	151.089	188.730	199.622
147.5	99.942	120.854	149.956	187.423	198.141
148.0	100.726	120.505	148.736	185.942	196.572
148.5	101.423	120.418	147.778	184.548	195.004
149.0	102.294	120.418	146.732	183.154	193.610
149.5	102.904	120.679	145.774	181.673	191.867
150.0	103.601	120.854	144.815	180.278	190.037
150.5	104.211	120.941	143.770	178.710	188.120
151.0	104.647	121.202	142.376	177.142	185.855
151.5	105.083	121.289	140.894	175.486	183.764
152.0	105.605	121.464	139.500	173.743	181.673
152.5	106.128	121.638	138.193	171.914	179.407
153.0	106.477	121.725	136.799	169.822	177.577
153.5	106.912	121.986	135.318	167.644	175.486
154.0	107.261	121.899	134.011	165.204	173.743
154.5	107.697	121.986	132.878	162.852	172.001
155.0	107.871	122.161	131.745	160.151	170.694
155.5	108.219	122.248	130.613	157.624	169.300
156.0	108.481	122.248	129.828	154.923	168.080
156.5	108.916	122.248	129.044	152.222	166.511
157.0	109.091	122.422	128.260	149.782	165.030
157.5	109.352	122.422	127.737	147.429	163.375
158.0	109.701	122.335	127.476	144.990	161.806
158.5	109.788	122.335	127.127	142.985	159.976
159.0	110.223	122.074	126.866	141.069	158.408
159.5	110.572	121.899	126.430	139.239	156.665
160.0	111.008	121.725	125.994	137.757	154.923
160.5	111.530	121.638	125.646	136.363	153.267
161.0	111.879	121.376	125.559	134.882	151.612
161.5	112.402	121.289	125.385	133.401	150.392
162.0	112.837	121.115	125.646	132.181	149.346
162.5	113.273	121.115	125.820	130.874	148.126
163.0	113.796	121.028	125.907	129.480	147.081
163.5	114.232	121.028	126.082	127.999	145.774
164.0	114.406	121.028	126.256	126.169	144.554
164.5	114.667	120.854	126.082	124.775	142.985
165.0	114.929	120.854	125.820	123.381	141.417
165.5	115.190	120.767	125.559	122.422	139.762
166.0	115.451	120.679	125.385	121.376	137.235
166.5	115.713	120.679	125.123	120.505	136.015

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CANDELA TABULATION - (Cont.)

167.0	116.061	120.679	124.862	119.721	135.056
167.5	116.236	120.679	124.339	119.024	134.098
168.0	116.497	120.679	123.903	118.327	133.314
168.5	117.020	120.331	123.293	117.717	132.355
169.0	117.281	120.418	122.858	117.107	131.397
169.5	117.717	120.157	122.161	116.410	130.351
170.0	117.891	120.069	121.551	115.539	129.393
170.5	118.153	119.895	120.767	114.580	128.347
171.0	118.327	119.721	119.895	113.534	127.040
171.5	118.588	119.721	119.111	112.576	125.994
172.0	119.024	119.547	118.675	111.618	124.426
172.5	119.285	119.547	118.153	110.572	122.683
173.0	119.634	119.372	117.717	109.613	119.721
173.5	120.069	119.460	117.543	108.655	115.277
174.0	120.418	119.460	117.455	107.871	109.788
174.5	120.679	119.460	117.281	107.087	103.253
175.0	121.202	119.721	117.194	106.477	95.846
175.5	121.376	119.808	117.107	106.215	88.092
176.0	121.725	119.982	117.107	105.954	83.038
176.5	121.812	120.069	117.020	105.954	79.465
177.0	122.161	120.244	116.846	105.692	75.806
177.5	122.248	120.244	116.584	105.605	75.022
178.0	122.596	120.418	116.497	105.518	75.196
178.5	122.771	120.505	116.584	105.344	75.370
179.0	122.945	120.505	116.497	105.083	75.457
179.5	123.119	120.505	116.410	104.995	75.544
180.0	110.398	110.398	110.398	110.398	110.398

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	997.57	N.A.	11.70
0-30	2090.23	N.A.	24.50
0-40	3357.67	N.A.	39.40
0-60	5682.43	N.A.	66.70
0-80	7079.29	N.A.	83.10
0-90	7430.6	N.A.	87.30
10-90	7170.53	N.A.	84.20
20-40	2360.11	N.A.	27.70
20-50	3608.22	N.A.	42.40
40-70	3152.86	N.A.	37.00
60-80	1396.86	N.A.	16.40
70-80	568.75	N.A.	6.70
80-90	351.31	N.A.	4.10
90-110	410.33	N.A.	4.80
90-120	583.07	N.A.	6.80
90-130	742.06	N.A.	8.70
90-150	974.19	N.A.	11.40
90-180	1085.16	N.A.	12.70
110-180	674.83	N.A.	7.90
0-180	8515.75	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	260.07
10-20	737.50
20-30	1092.67
30-40	1267.44
40-50	1248.12
50-60	1076.64
60-70	828.11
70-80	568.75
80-90	351.31
90-100	225.08
100-110	185.25
110-120	172.74
120-130	158.98
130-140	133.60
140-150	98.53
150-160	64.42
160-170	35.49
170-180	11.06

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L100-950-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-L100-950-DIM-UNV_.IES

UGR TABLE - CORRECTED

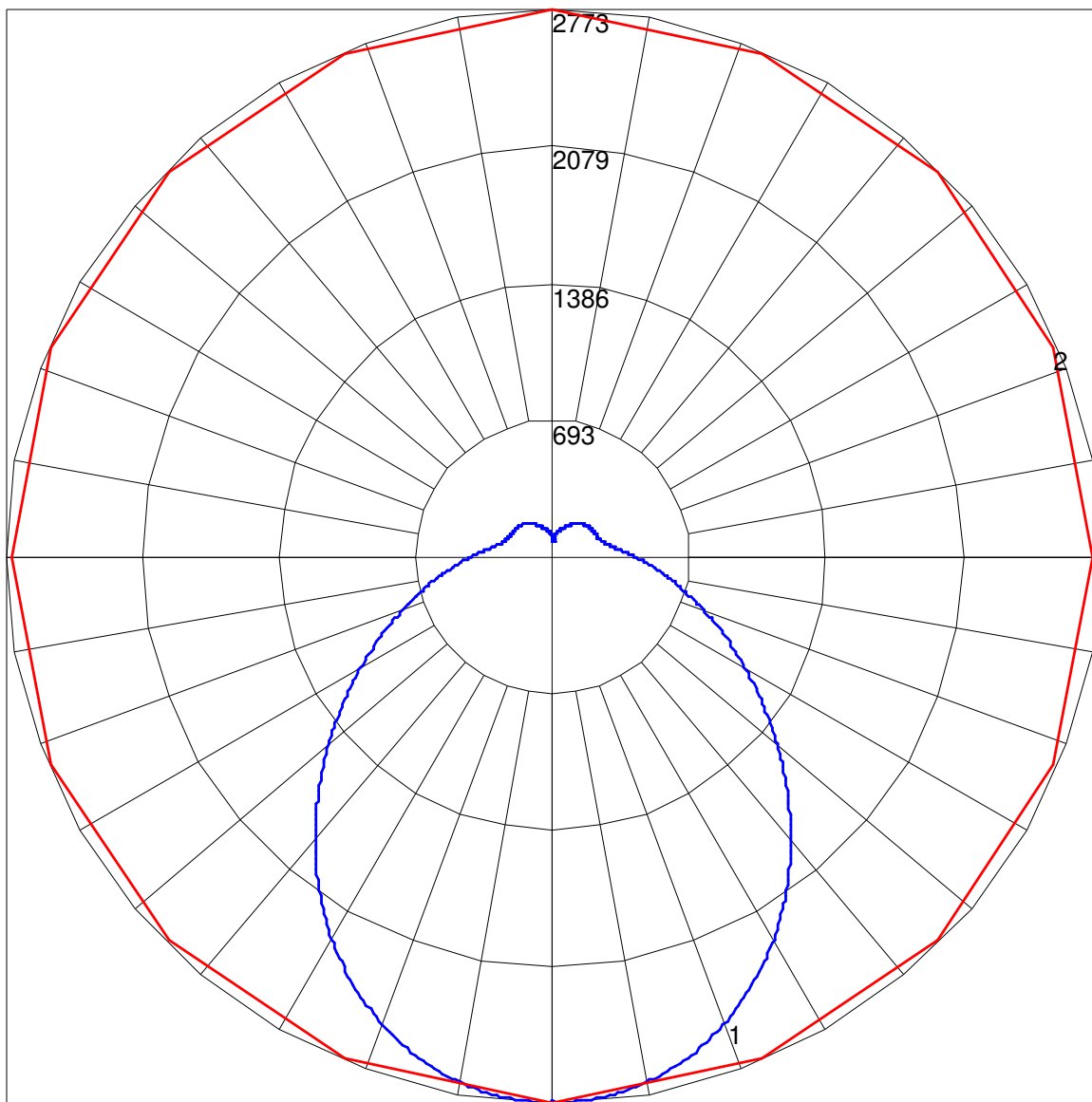
Reflectances

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	16.8	18.2	17.3	18.7	19.3	18.5	19.9	19.1	20.4	21.0
	3H	18.2	19.4	18.7	20.0	20.6	20.7	22.0	21.3	22.5	23.2
	4H	18.6	19.8	19.2	20.3	21.0	21.8	23.0	22.4	23.5	24.2
	6H	18.9	20.0	19.5	20.6	21.3	22.9	24.0	23.5	24.6	25.3
	8H	19.0	20.0	19.6	20.6	21.3	23.6	24.6	24.2	25.2	25.9
	12H	19.0	20.0	19.6	20.6	21.3	24.3	25.2	24.9	25.9	26.6
4H	2H	17.5	18.7	18.1	19.3	20.0	18.9	20.1	19.5	20.7	21.3
	3H	19.1	20.1	19.7	20.8	21.4	21.4	22.3	22.0	23.0	23.7
	4H	19.7	20.6	20.3	21.2	22.0	22.6	23.5	23.2	24.1	24.9
	6H	20.1	20.9	20.8	21.6	22.3	24.0	24.7	24.6	25.4	26.1
	8H	20.2	21.0	20.9	21.6	22.4	24.7	25.4	25.3	26.1	26.8
	12H	20.3	21.0	21.0	21.7	22.4	25.5	26.2	26.2	26.9	27.6
8H	4H	20.3	21.0	20.9	21.7	22.4	22.8	23.5	23.5	24.2	25.0
	6H	20.9	21.5	21.5	22.2	22.9	24.3	25.0	25.0	25.7	26.4
	8H	21.1	21.6	21.8	22.3	23.1	25.2	25.8	25.9	26.5	27.2
	12H	21.2	21.7	21.9	22.4	23.2	26.2	26.7	26.9	27.4	28.2
12H	4H	20.5	21.1	21.1	21.8	22.6	22.8	23.5	23.5	24.2	24.9
	6H	21.1	21.7	21.8	22.4	23.2	24.4	24.9	25.1	25.6	26.4
	8H	21.4	21.9	22.1	22.6	23.4	25.3	25.8	26.0	26.5	27.3

Maximum UGR = 28.2

POLAR GRAPH



Maximum Candela = 2772.576 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.)