

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L200-850-HE-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-L200-850-HE-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	20404
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	179
Total Luminaire Watts	113.9
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	22570	20128	19797
55	19634	17270	17380
65	16630	14839	15489
75	13555	13031	14478
85	10646	12966	15296

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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	6603.670	6603.670	6603.670	6603.670	6603.670
0.5	6572.353	6597.407	6601.582	6599.494	6643.338
1.0	6572.353	6599.494	6599.494	6597.407	6641.250
1.5	6566.090	6599.494	6597.407	6595.319	6643.338
2.0	6564.002	6593.231	6597.407	6593.231	6637.075
2.5	6564.002	6593.231	6591.143	6591.143	6632.899
3.0	6557.739	6586.968	6586.968	6586.968	6628.723
3.5	6553.563	6580.704	6580.704	6582.792	6624.548
4.0	6549.388	6576.529	6576.529	6574.441	6620.372
4.5	6538.949	6570.265	6572.353	6570.265	6614.109
5.0	6532.685	6564.002	6564.002	6564.002	6607.846
5.5	6524.334	6555.651	6555.651	6557.739	6599.494
6.0	6520.159	6545.212	6547.300	6547.300	6591.143
6.5	6505.544	6536.861	6538.949	6538.949	6580.704
7.0	6497.193	6526.422	6528.510	6526.422	6572.353
7.5	6488.842	6513.895	6518.071	6518.071	6561.914
8.0	6478.403	6505.544	6505.544	6505.544	6547.300
8.5	6467.964	6490.930	6495.105	6495.105	6534.773
9.0	6451.262	6480.491	6482.578	6480.491	6520.159
9.5	6440.823	6465.876	6465.876	6465.876	6511.807
10.0	6424.120	6449.174	6449.174	6453.349	6495.105
10.5	6409.506	6434.559	6436.647	6436.647	6480.491
11.0	6394.891	6419.945	6422.033	6419.945	6463.788
11.5	6376.101	6403.242	6407.418	6403.242	6449.174
12.0	6359.399	6384.452	6388.628	6388.628	6430.384
12.5	6342.697	6365.662	6371.926	6367.750	6413.681
13.0	6323.907	6348.960	6353.136	6351.048	6394.891
13.5	6305.116	6328.082	6332.258	6332.258	6378.189
14.0	6282.151	6307.204	6311.380	6311.380	6355.223
14.5	6263.361	6286.326	6290.502	6290.502	6338.521
15.0	6244.571	6265.449	6267.536	6267.536	6313.468
15.5	6221.605	6240.395	6246.658	6246.658	6288.414
16.0	6196.552	6217.429	6223.693	6223.693	6267.536
16.5	6175.674	6192.376	6198.639	6200.727	6244.571
17.0	6146.445	6165.235	6173.586	6175.674	6219.517
17.5	6121.391	6140.181	6148.532	6150.620	6194.464
18.0	6098.426	6115.128	6121.391	6127.655	6171.498
18.5	6071.284	6090.074	6096.338	6100.513	6144.357
19.0	6044.143	6058.758	6069.197	6073.372	6115.128
19.5	6012.826	6033.704	6042.055	6050.406	6087.987
20.0	5979.422	6002.387	6012.826	6019.090	6058.758
20.5	5946.017	5975.246	5983.597	5991.948	6031.616
21.0	5918.876	5941.842	5948.105	5964.807	6002.387
21.5	5887.559	5910.525	5920.964	5929.315	5971.071
22.0	5854.155	5881.296	5891.735	5900.086	5943.929
22.5	5824.925	5843.716	5858.330	5870.857	5912.613
23.0	5789.433	5810.311	5824.925	5837.452	5879.208
23.5	5751.853	5774.819	5793.609	5806.135	5847.891
24.0	5714.273	5739.326	5758.116	5772.731	5814.487
24.5	5682.956	5703.834	5724.712	5737.238	5776.906
25.0	5647.464	5668.341	5691.307	5703.834	5743.502
25.5	5607.796	5632.849	5651.639	5670.429	5703.834
26.0	5570.215	5593.181	5618.235	5634.937	5672.517
26.5	5530.548	5553.513	5582.742	5597.357	5637.025

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CANDELA TABULATION - (Cont.)

27.0	5490.880	5511.757	5547.250	5566.040	5601.532
27.5	5444.948	5472.089	5507.582	5524.284	5566.040
28.0	5411.544	5432.422	5467.914	5486.704	5526.372
28.5	5367.700	5392.754	5428.246	5447.036	5486.704
29.0	5325.944	5350.998	5386.490	5409.456	5449.124
29.5	5282.101	5307.154	5344.734	5367.700	5407.368
30.0	5238.257	5265.399	5302.979	5332.208	5371.876
30.5	5192.326	5219.467	5263.311	5292.540	5330.120
31.0	5148.483	5175.624	5219.467	5250.784	5286.276
31.5	5102.551	5133.868	5177.712	5211.116	5248.696
32.0	5058.708	5085.849	5135.956	5167.273	5204.853
32.5	5010.689	5039.918	5092.112	5125.517	5163.097
33.0	4964.757	4996.074	5044.093	5083.761	5121.341
33.5	4920.914	4950.143	5002.337	5037.830	5077.498
34.0	4868.719	4902.124	4956.406	4996.074	5037.830
34.5	4820.700	4856.192	4912.563	4950.143	4991.899
35.0	4776.856	4806.085	4868.719	4908.387	4948.055
35.5	4720.486	4760.154	4820.700	4862.456	4902.124
36.0	4676.643	4710.047	4774.769	4816.524	4858.280
36.5	4622.360	4659.940	4726.750	4772.681	4816.524
37.0	4572.253	4611.921	4678.730	4724.662	4772.681
37.5	4520.059	4559.727	4632.799	4682.906	4724.662
38.0	4467.864	4509.620	4582.692	4634.887	4674.555
38.5	4413.582	4457.425	4534.673	4591.043	4628.624
39.0	4365.562	4405.230	4484.566	4543.024	4591.043
39.5	4311.280	4357.211	4436.547	4495.005	4540.937
40.0	4252.822	4302.929	4386.440	4451.162	4492.917
40.5	4198.539	4250.734	4338.421	4405.230	4446.986
41.0	4148.433	4198.539	4288.314	4357.211	4398.967
41.5	4094.150	4146.345	4238.207	4309.192	4353.036
42.0	4039.868	4094.150	4188.101	4263.261	4307.104
42.5	3987.673	4039.868	4135.906	4215.242	4259.085
43.0	3929.215	3987.673	4087.887	4169.310	4213.154
43.5	3879.108	3933.391	4035.692	4121.291	4167.223
44.0	3822.738	3879.108	3983.497	4075.360	4119.204
44.5	3770.543	3826.913	3931.303	4025.253	4071.184
45.0	3716.261	3772.631	3881.196	3981.410	4027.341
45.5	3661.978	3720.436	3831.089	3935.478	3981.410
46.0	3607.696	3666.154	3776.807	3885.371	3933.391
46.5	3553.413	3611.871	3730.875	3843.616	3887.459
47.0	3497.043	3559.677	3678.681	3793.509	3841.528
47.5	3442.761	3505.394	3626.486	3745.490	3793.509
48.0	3390.566	3451.112	3574.291	3701.646	3745.490
48.5	3332.108	3398.917	3526.272	3651.539	3699.558
49.0	3279.913	3342.547	3471.990	3603.520	3651.539
49.5	3225.631	3290.352	3421.883	3557.589	3605.608
50.0	3169.261	3236.070	3371.776	3507.482	3557.589
50.5	3117.066	3183.875	3319.581	3465.726	3513.745
51.0	3062.783	3129.593	3273.650	3417.707	3467.814
51.5	3010.589	3075.310	3221.455	3371.776	3421.883
52.0	2954.218	3023.115	3171.348	3323.757	3375.951
52.5	2899.936	2968.833	3123.329	3275.738	3332.108
53.0	2843.566	2916.638	3073.222	3233.982	3284.089
53.5	2789.283	2864.444	3025.203	3185.963	3240.245
54.0	2737.089	2812.249	2977.184	3140.032	3196.402
54.5	2686.982	2757.967	2929.165	3098.276	3152.558

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55.0	2634.787	2707.860	2881.146	3050.257	3112.890
55.5	2590.944	2655.665	2833.127	3006.413	3064.871
56.0	2540.837	2609.734	2787.196	2962.570	3021.028
56.5	2488.642	2561.715	2739.176	2918.726	2979.272
57.0	2438.535	2513.695	2693.245	2874.883	2935.428
57.5	2386.340	2463.589	2653.577	2833.127	2887.409
58.0	2334.146	2413.482	2607.646	2787.196	2851.917
58.5	2284.039	2363.375	2561.715	2747.528	2810.161
59.0	2233.932	2313.268	2517.871	2712.035	2766.318
59.5	2183.825	2265.249	2478.203	2668.192	2732.913
60.0	2133.718	2215.142	2434.360	2626.436	2691.157
60.5	2084.655	2167.123	2390.516	2586.768	2649.402
61.0	2035.383	2119.104	2346.672	2547.100	2609.734
61.5	1986.529	2071.502	2302.829	2507.432	2572.153
62.0	1938.510	2024.318	2261.073	2469.852	2532.486
62.5	1891.117	1977.552	2217.230	2432.272	2494.905
63.0	1843.098	1930.994	2175.474	2392.604	2461.501
63.5	1795.497	1885.063	2135.806	2355.024	2423.921
64.0	1749.148	1839.758	2094.050	2315.356	2386.340
64.5	1703.008	1795.497	2054.382	2277.776	2348.760
65.0	1657.285	1751.027	2014.506	2240.195	2313.268
65.5	1612.189	1707.601	1975.046	2202.615	2275.688
66.0	1566.467	1664.175	1936.005	2165.035	2240.195
66.5	1521.788	1621.793	1897.172	2129.543	2204.703
67.0	1478.153	1579.828	1858.548	2091.962	2169.211
67.5	1434.310	1538.490	1820.759	2056.888	2133.718
68.0	1391.092	1498.196	1783.179	2021.395	2100.314
68.5	1348.502	1458.110	1746.434	1986.947	2065.448
69.0	1306.119	1418.442	1710.106	1952.290	2032.461
69.5	1264.364	1379.610	1674.196	1918.676	1999.682
70.0	1222.817	1341.403	1638.913	1885.689	1967.113
70.5	1182.314	1303.614	1603.629	1852.702	1934.961
71.0	1142.228	1266.243	1568.972	1820.133	1903.227
71.5	1102.560	1229.706	1535.150	1788.398	1871.910
72.0	1063.727	1192.961	1501.328	1756.873	1841.428
72.5	1024.686	1157.469	1468.341	1725.973	1811.155
73.0	986.688	1122.185	1435.562	1695.492	1780.673
73.5	949.734	1087.319	1403.828	1665.219	1751.027
74.0	913.198	1053.497	1371.676	1635.990	1721.172
74.5	877.288	1019.466	1340.986	1606.970	1692.986
75.0	841.587	986.271	1310.504	1578.576	1665.636
75.5	806.512	953.910	1280.440	1550.391	1637.869
76.0	772.481	922.175	1251.211	1522.414	1610.728
76.5	738.659	890.859	1222.190	1495.064	1583.586
77.0	705.254	859.751	1193.588	1467.923	1557.280
77.5	672.476	829.478	1165.403	1441.617	1531.183
78.0	640.115	799.831	1138.053	1415.728	1505.503
78.5	608.381	770.602	1110.911	1389.631	1480.032
79.0	577.273	742.208	1084.605	1364.369	1454.979
79.5	546.374	714.023	1058.717	1339.733	1429.925
80.0	515.892	686.256	1032.828	1315.306	1406.124
80.5	486.246	659.323	1007.775	1290.670	1381.906
81.0	457.434	632.808	983.765	1266.869	1358.314
81.5	428.205	606.920	959.756	1243.277	1334.722
82.0	400.020	581.657	936.372	1220.520	1311.965
82.5	372.461	556.813	913.407	1197.763	1289.626

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83.0	345.320	532.594	890.859	1175.842	1267.913
83.5	318.388	509.002	869.354	1153.502	1245.365
84.0	292.081	486.037	848.477	1132.416	1223.861
84.5	265.984	463.906	828.016	1111.538	1202.774
85.0	240.931	442.402	807.974	1090.869	1181.687
85.5	215.877	421.942	788.348	1070.826	1161.227
86.0	191.241	402.317	769.141	1051.201	1140.976
86.5	166.814	383.944	750.977	1031.576	1120.724
87.0	142.805	366.198	732.604	1012.994	1100.890
87.5	118.795	349.704	715.276	994.204	1081.891
88.0	94.994	333.628	698.156	976.040	1062.684
88.5	70.985	318.596	681.662	958.085	1044.102
89.0	49.063	304.399	666.004	940.757	1025.730
89.5	31.108	291.246	650.763	924.054	1007.775
90.0	18.581	279.555	636.775	908.187	991.281
90.5	13.153	269.325	623.831	892.320	973.744
91.0	13.988	259.929	610.678	876.244	957.042
91.5	16.702	250.952	597.525	861.003	940.339
92.0	19.834	243.436	584.998	845.554	924.054
92.5	23.174	236.964	574.350	830.730	907.979
93.0	26.515	231.327	563.285	816.742	892.529
93.5	30.064	226.942	552.846	802.963	877.914
94.0	33.822	223.184	543.033	790.019	863.717
94.5	37.371	220.470	533.847	776.866	849.103
95.0	40.921	218.383	525.287	763.921	835.115
95.5	44.261	216.921	517.354	751.603	821.335
96.0	46.975	216.295	510.464	739.703	807.765
96.5	49.689	216.295	503.574	728.638	795.238
97.0	52.195	216.504	497.311	717.990	782.711
97.5	54.909	217.339	491.465	707.760	771.228
98.0	57.205	218.174	486.246	697.738	759.537
98.5	59.919	219.218	481.861	688.135	748.680
99.0	62.634	220.470	477.268	679.157	738.033
99.5	65.557	221.932	473.301	670.597	727.594
100.0	68.062	223.393	470.170	662.664	718.199
100.5	70.985	225.063	467.038	654.939	708.595
101.0	73.490	226.734	464.741	647.632	700.035
101.5	75.995	228.404	462.445	640.742	691.266
102.0	78.292	230.074	460.775	634.270	683.541
102.5	80.589	231.744	459.104	628.215	675.817
103.0	82.885	233.623	457.852	622.161	668.927
103.5	85.390	235.502	456.808	616.941	661.828
104.0	88.105	237.173	455.764	612.139	655.356
104.5	90.819	239.052	455.138	607.546	649.302
105.0	93.324	240.931	454.511	603.370	643.456
105.5	95.621	242.601	453.885	598.986	638.445
106.0	98.335	244.689	453.676	595.228	633.435
106.5	100.840	246.568	453.676	591.679	628.424
107.0	103.345	248.655	453.676	588.338	624.248
107.5	105.642	250.326	453.676	585.833	619.864
108.0	108.565	252.413	453.676	582.910	615.480
108.5	111.279	254.501	453.885	580.822	612.557
109.0	113.993	256.171	454.302	578.108	609.634
109.5	116.916	258.050	454.511	576.229	606.502
110.0	119.839	259.929	454.929	574.141	603.997
110.5	122.762	261.808	455.346	572.262	601.700

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CANDELA TABULATION - (Cont.)

111.0	125.685	263.687	455.555	570.592	599.195
111.5	128.608	265.358	455.764	569.339	597.107
112.0	131.739	267.237	456.181	568.087	594.602
112.5	134.871	269.116	456.599	566.625	592.305
113.0	138.211	270.995	457.225	565.581	591.261
113.5	141.343	272.665	457.225	564.538	589.800
114.0	144.684	274.335	457.643	563.702	588.338
114.5	147.815	276.214	458.060	562.659	587.086
115.0	151.156	277.676	458.478	562.032	586.042
115.5	154.496	279.555	458.478	561.406	584.998
116.0	157.628	281.225	459.104	560.571	583.745
116.5	160.551	282.895	459.522	559.736	583.328
117.0	163.891	284.774	459.939	559.736	582.284
117.5	167.023	286.236	460.357	558.901	581.657
118.0	169.737	287.697	460.775	558.483	580.822
118.5	172.869	289.158	460.983	557.857	580.614
119.0	175.583	290.620	461.401	557.230	579.361
119.5	178.506	291.664	461.818	556.604	579.152
120.0	181.220	292.708	461.610	556.186	578.108
120.5	183.934	293.960	461.818	555.351	577.899
121.0	186.648	294.796	462.236	554.725	577.064
121.5	189.571	295.839	462.027	553.890	576.647
122.0	192.285	297.092	462.027	553.472	576.020
122.5	194.999	298.345	462.236	552.637	574.559
123.0	197.713	299.597	462.027	551.802	574.350
123.5	200.219	300.641	461.610	551.176	573.098
124.0	202.307	301.476	461.610	550.549	572.889
124.5	204.394	302.312	461.610	549.506	572.054
125.0	206.482	303.355	461.192	548.462	571.218
125.5	208.570	303.982	460.775	547.835	570.175
126.0	210.449	304.817	460.566	546.583	569.339
126.5	212.119	305.861	460.148	545.747	568.713
127.0	213.998	306.278	459.731	544.704	567.878
127.5	215.460	306.905	459.104	543.660	566.417
128.0	217.339	306.905	458.896	542.407	565.581
128.5	218.800	307.322	458.060	541.363	564.746
129.0	220.262	307.740	457.225	540.319	563.702
129.5	221.514	308.366	455.764	538.649	562.450
130.0	222.558	308.784	454.302	537.605	561.197
130.5	223.602	309.201	452.632	536.352	559.736
131.0	224.228	309.828	450.962	534.473	558.274
131.5	225.063	310.454	449.292	532.803	556.813
132.0	225.899	311.080	447.413	531.759	555.560
132.5	226.316	311.289	445.325	529.672	553.681
133.0	226.942	311.498	444.490	527.793	551.385
133.5	227.151	311.289	443.237	526.331	550.341
134.0	227.360	310.871	442.402	524.661	548.879
134.5	227.986	310.036	441.358	522.782	546.165
135.0	228.613	309.410	440.105	520.276	544.077
135.5	228.404	307.740	439.062	518.606	542.407
136.0	228.821	307.531	437.600	516.518	540.319
136.5	229.239	306.905	436.556	514.222	538.231
137.0	229.448	305.861	434.886	512.343	535.935
137.5	229.657	304.817	433.425	509.838	533.847
138.0	230.074	304.191	431.337	507.750	531.342
138.5	230.074	303.355	428.623	505.453	529.463

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	229.865	302.729	425.491	502.739	526.540
139.5	229.865	301.894	421.733	499.816	524.452
140.0	229.865	300.850	417.557	497.102	521.529
140.5	229.865	300.224	413.799	493.762	518.397
141.0	229.865	299.806	409.624	490.212	515.892
141.5	229.865	298.971	405.448	487.081	513.387
142.0	229.657	298.554	401.481	483.114	510.673
142.5	229.448	297.927	397.306	479.565	507.541
143.0	229.239	297.301	393.339	476.224	504.409
143.5	229.239	296.466	388.746	472.675	501.486
144.0	229.239	295.422	384.779	469.961	498.146
144.5	229.865	294.587	380.812	466.829	495.223
145.0	230.700	293.752	376.428	464.115	491.883
145.5	232.162	292.708	372.461	461.401	488.542
146.0	234.041	291.873	368.703	458.478	485.410
146.5	235.920	291.037	365.571	455.346	481.861
147.0	237.799	289.994	362.022	452.215	478.312
147.5	239.469	289.576	359.308	449.083	474.763
148.0	241.348	288.741	356.385	445.534	471.005
148.5	243.018	288.532	354.089	442.193	467.247
149.0	245.106	288.532	351.583	438.853	463.906
149.5	246.568	289.158	349.287	435.304	459.731
150.0	248.238	289.576	346.990	431.963	455.346
150.5	249.699	289.785	344.485	428.205	450.753
151.0	250.743	290.411	341.144	424.447	445.325
151.5	251.787	290.620	337.595	420.480	440.314
152.0	253.040	291.037	334.255	416.305	435.304
152.5	254.292	291.455	331.123	411.920	429.875
153.0	255.128	291.664	327.783	406.910	425.491
153.5	256.171	292.290	324.233	401.690	420.480
154.0	257.007	292.081	321.102	395.844	416.305
154.5	258.050	292.290	318.388	390.207	412.129
155.0	258.468	292.708	315.673	383.735	408.997
155.5	259.303	292.917	312.959	377.681	405.657
156.0	259.929	292.917	311.080	371.209	402.734
156.5	260.973	292.917	309.201	364.736	398.976
157.0	261.391	293.334	307.322	358.891	395.427
157.5	262.017	293.334	306.070	353.254	391.460
158.0	262.852	293.125	305.443	347.408	387.702
158.5	263.061	293.125	304.608	342.606	383.318
159.0	264.105	292.499	303.982	338.013	379.560
159.5	264.940	292.081	302.938	333.628	375.384
160.0	265.984	291.664	301.894	330.079	371.209
160.5	267.237	291.455	301.059	326.739	367.242
161.0	268.072	290.829	300.850	323.189	363.275
161.5	269.325	290.620	300.433	319.640	360.352
162.0	270.368	290.202	301.059	316.717	357.847
162.5	271.412	290.202	301.476	313.586	354.924
163.0	272.665	289.994	301.685	310.245	352.418
163.5	273.709	289.994	302.103	306.696	349.287
164.0	274.126	289.994	302.520	302.312	346.364
164.5	274.753	289.576	302.103	298.971	342.606
165.0	275.379	289.576	301.476	295.631	338.848
165.5	276.005	289.367	300.850	293.334	334.881
166.0	276.632	289.158	300.433	290.829	328.826
166.5	277.258	289.158	299.806	288.741	325.904

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	278.093	289.158	299.180	286.862	323.607
167.5	278.511	289.158	297.927	285.192	321.310
168.0	279.137	289.158	296.883	283.521	319.431
168.5	280.390	288.323	295.422	282.060	317.135
169.0	281.016	288.532	294.378	280.599	314.838
169.5	282.060	287.906	292.708	278.928	312.333
170.0	282.478	287.697	291.246	276.841	310.036
170.5	283.104	287.279	289.367	274.544	307.531
171.0	283.521	286.862	287.279	272.039	304.399
171.5	284.148	286.862	285.400	269.742	301.894
172.0	285.192	286.444	284.357	267.446	298.136
172.5	285.818	286.444	283.104	264.940	293.960
173.0	286.653	286.027	282.060	262.644	286.862
173.5	287.697	286.236	281.642	260.347	276.214
174.0	288.532	286.236	281.434	258.468	263.061
174.5	289.158	286.236	281.016	256.589	247.403
175.0	290.411	286.862	280.807	255.128	229.657
175.5	290.829	287.071	280.599	254.501	211.075
176.0	291.664	287.488	280.599	253.875	198.966
176.5	291.873	287.697	280.390	253.875	190.406
177.0	292.708	288.115	279.972	253.249	181.637
177.5	292.917	288.115	279.346	253.040	179.758
178.0	293.752	288.532	279.137	252.831	180.176
178.5	294.169	288.741	279.346	252.413	180.594
179.0	294.587	288.741	279.137	251.787	180.802
179.5	295.004	288.741	278.928	251.578	181.011
180.0	264.523	264.523	264.523	264.523	264.523

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L200-850-HE-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2390.25	N.A.	11.70
0-30	5008.39	N.A.	24.50
0-40	8045.28	N.A.	39.40
0-60	13615.59	N.A.	66.70
0-80	16962.6	N.A.	83.10
0-90	17804.36	N.A.	87.30
10-90	17181.22	N.A.	84.20
20-40	5655.03	N.A.	27.70
20-50	8645.62	N.A.	42.40
40-70	7554.54	N.A.	37.00
60-80	3347.01	N.A.	16.40
70-80	1362.78	N.A.	6.70
80-90	841.77	N.A.	4.10
90-110	983.19	N.A.	4.80
90-120	1397.1	N.A.	6.80
90-130	1778.04	N.A.	8.70
90-150	2334.24	N.A.	11.40
90-180	2600.13	N.A.	12.70
110-180	1616.94	N.A.	7.90
0-180	20404.5	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	623.15
10-20	1767.11
20-30	2618.13
30-40	3036.89
40-50	2990.6
50-60	2579.72
60-70	1984.23
70-80	1362.78
80-90	841.77
90-100	539.32
100-110	443.86
110-120	413.91
120-130	380.94
130-140	320.12
140-150	236.08
150-160	154.36
160-170	85.05
170-180	26.49

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L200-850-HE-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-L200-850-HE-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

X=2H	Y=2H	19.9	21.3	20.4	21.8	22.4	21.6	23.0	22.2	23.5	24.1
	3H	21.3	22.5	21.8	23.1	23.7	23.8	25.1	24.4	25.6	26.3
	4H	21.7	22.9	22.3	23.4	24.1	24.9	26.1	25.5	26.6	27.3
	6H	22.0	23.1	22.6	23.7	24.4	26.0	27.1	26.6	27.7	28.4
	8H	22.1	23.1	22.7	23.7	24.4	26.7	27.7	27.3	28.3	29.0
	12H	22.1	23.1	22.7	23.7	24.4	27.4	28.3	28.0	29.0	29.7

UGR Viewed Endwise

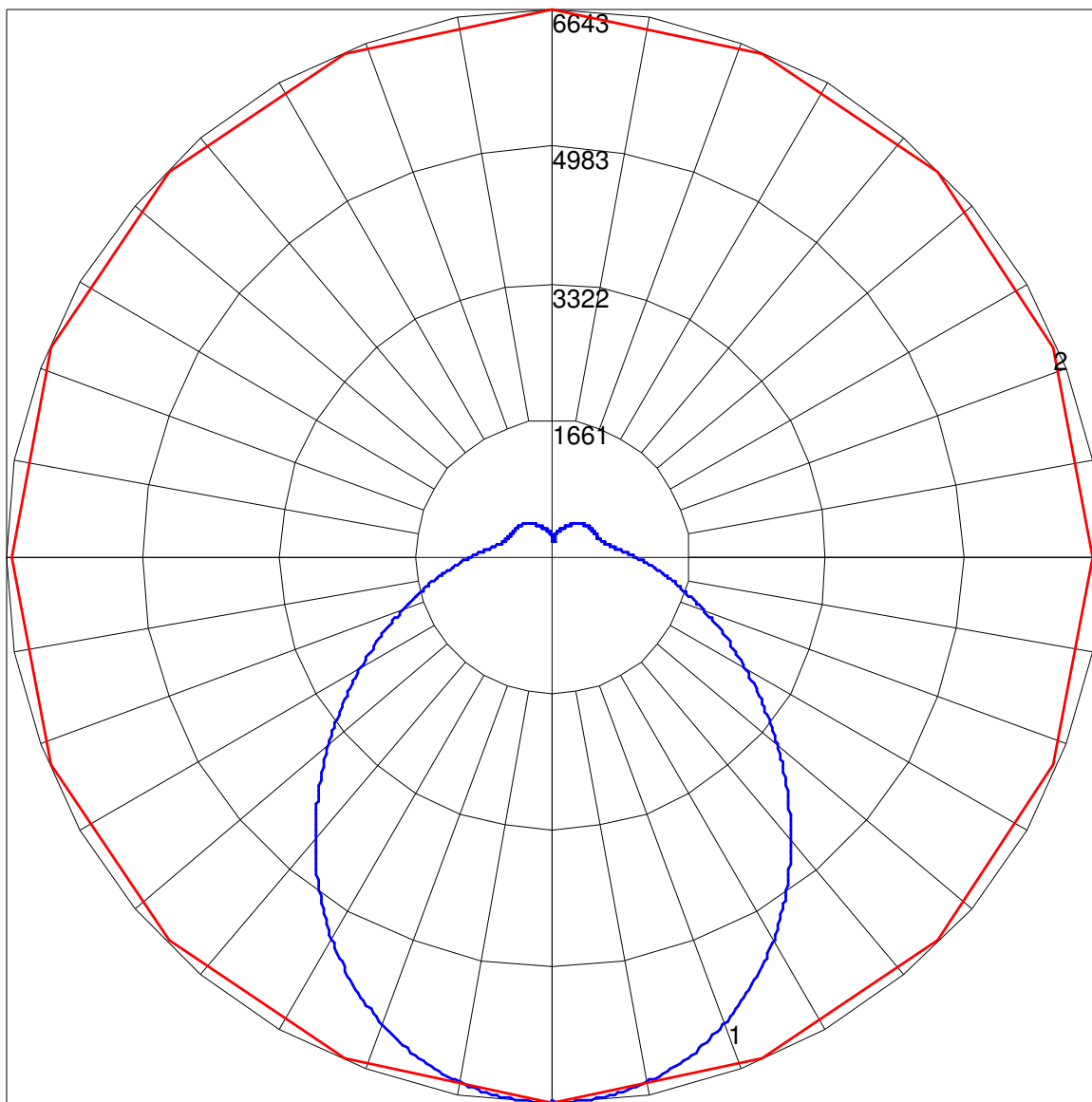
4H	2H	20.6	21.8	21.2	22.4	23.1	22.0	23.2	22.6	23.8	24.4
	3H	22.2	23.2	22.8	23.9	24.5	24.5	25.4	25.1	26.1	26.8
	4H	22.8	23.7	23.4	24.3	25.1	25.7	26.6	26.3	27.2	28.0
	6H	23.2	24.0	23.9	24.7	25.4	27.1	27.8	27.7	28.5	29.2
	8H	23.3	24.1	24.0	24.7	25.5	27.8	28.5	28.4	29.2	29.9
	12H	23.4	24.1	24.1	24.8	25.5	28.6	29.3	29.3	30.0	30.7

8H	4H	23.4	24.1	24.0	24.8	25.5	25.9	26.6	26.6	27.3	28.1
	6H	24.0	24.6	24.6	25.3	26.0	27.4	28.1	28.1	28.8	29.5
	8H	24.2	24.7	24.9	25.4	26.2	28.3	28.9	29.0	29.6	30.3
	12H	24.3	24.8	25.0	25.5	26.3	29.3	29.8	30.0	30.5	31.3

12H	4H	23.6	24.2	24.2	24.9	25.7	25.9	26.6	26.6	27.3	28.0
	6H	24.2	24.8	24.9	25.5	26.3	27.5	28.0	28.2	28.7	29.5
	8H	24.5	25.0	25.2	25.7	26.5	28.4	28.9	29.1	29.6	30.4

Maximum UGR = 31.3

POLAR GRAPH



Maximum Candela = 6643.338 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.)