

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L200-827-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-L200-827-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	18703
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	137
Total Luminaire Watts	136.5
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	20688	18450	18146
55	17997	15830	15931
65	15244	13602	14198
75	12425	11945	13271
85	9758	11885	14021

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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	6053.027	6053.027	6053.027	6053.027	6053.027
0.5	6024.321	6047.286	6051.113	6049.199	6089.387
1.0	6024.321	6049.199	6049.199	6047.286	6087.473
1.5	6018.580	6049.199	6047.286	6045.372	6089.387
2.0	6016.666	6043.458	6047.286	6043.458	6083.646
2.5	6016.666	6043.458	6041.544	6041.544	6079.818
3.0	6010.925	6037.717	6037.717	6037.717	6075.991
3.5	6007.098	6031.976	6031.976	6033.890	6072.164
4.0	6003.270	6028.149	6028.149	6026.235	6068.336
4.5	5993.702	6022.407	6024.321	6022.407	6062.595
5.0	5987.961	6016.666	6016.666	6016.666	6056.854
5.5	5980.306	6009.012	6009.012	6010.925	6049.199
6.0	5976.479	5999.443	6001.357	6001.357	6041.544
6.5	5963.083	5991.788	5993.702	5993.702	6031.976
7.0	5955.428	5982.220	5984.134	5982.220	6024.321
7.5	5947.773	5970.738	5974.565	5974.565	6014.753
8.0	5938.205	5963.083	5963.083	5963.083	6001.357
8.5	5928.636	5949.687	5953.514	5953.514	5989.875
9.0	5913.327	5940.118	5942.032	5940.118	5976.479
9.5	5903.758	5926.723	5926.723	5926.723	5968.824
10.0	5888.449	5911.413	5911.413	5915.240	5953.514
10.5	5875.053	5898.017	5899.931	5899.931	5940.118
11.0	5861.657	5884.621	5886.535	5884.621	5924.809
11.5	5844.434	5869.312	5873.139	5869.312	5911.413
12.0	5829.124	5852.088	5855.916	5855.916	5894.190
12.5	5813.814	5834.865	5840.606	5836.779	5878.880
13.0	5796.591	5819.555	5823.383	5821.469	5861.657
13.5	5779.368	5800.419	5804.246	5804.246	5846.347
14.0	5758.317	5781.282	5785.109	5785.109	5825.297
14.5	5741.094	5762.145	5765.972	5765.972	5809.987
15.0	5723.871	5743.008	5744.921	5744.921	5787.023
15.5	5702.820	5720.043	5725.784	5725.784	5764.058
16.0	5679.856	5698.993	5704.734	5704.734	5744.921
16.5	5660.719	5676.028	5681.769	5683.683	5723.871
17.0	5633.927	5651.150	5658.805	5660.719	5700.906
17.5	5610.962	5628.186	5635.840	5637.754	5677.942
18.0	5589.912	5605.221	5610.962	5616.704	5656.891
18.5	5565.034	5582.257	5587.998	5591.825	5632.013
19.0	5540.156	5553.551	5563.120	5566.947	5605.221
19.5	5511.450	5530.587	5538.242	5545.897	5580.343
20.0	5480.831	5501.882	5511.450	5517.191	5553.551
20.5	5450.212	5477.004	5484.658	5492.313	5528.673
21.0	5425.334	5446.384	5452.125	5467.435	5501.882
21.5	5396.628	5417.679	5427.247	5434.902	5473.176
22.0	5366.009	5390.887	5400.456	5408.110	5448.298
22.5	5339.217	5356.441	5369.836	5381.319	5419.593
23.0	5306.684	5325.821	5339.217	5350.699	5388.973
23.5	5272.238	5293.289	5310.512	5321.994	5360.268
24.0	5237.791	5260.756	5277.979	5291.375	5329.649
24.5	5209.086	5228.223	5247.360	5258.842	5295.202
25.0	5176.553	5195.690	5216.741	5228.223	5264.583
25.5	5140.193	5163.157	5180.380	5197.604	5228.223
26.0	5105.746	5126.797	5149.761	5165.071	5199.517
26.5	5069.386	5090.437	5117.228	5130.624	5166.984

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**CANDELA TABULATION - (Cont.)**

27.0	5033.026	5052.163	5084.695	5101.919	5134.452
27.5	4990.924	5015.802	5048.335	5063.645	5101.919
28.0	4960.305	4979.442	5011.975	5029.198	5065.558
28.5	4920.117	4943.082	4975.615	4992.838	5029.198
29.0	4881.843	4904.808	4937.341	4958.391	4994.752
29.5	4841.656	4864.620	4899.067	4920.117	4956.478
30.0	4801.468	4826.346	4860.793	4887.585	4923.945
30.5	4759.367	4784.245	4824.433	4851.224	4885.671
31.0	4719.179	4744.057	4784.245	4812.950	4845.483
31.5	4677.078	4705.783	4745.971	4776.590	4811.037
32.0	4636.890	4661.768	4707.697	4736.402	4770.849
32.5	4592.875	4619.667	4667.509	4698.128	4732.575
33.0	4550.774	4579.479	4623.494	4659.855	4694.301
33.5	4510.586	4537.378	4585.220	4617.753	4654.113
34.0	4462.744	4493.363	4543.119	4579.479	4617.753
34.5	4418.729	4451.261	4502.931	4537.378	4575.652
35.0	4378.541	4405.333	4462.744	4499.104	4535.464
35.5	4326.871	4363.231	4418.729	4457.003	4493.363
36.0	4286.683	4317.303	4376.627	4414.901	4453.175
36.5	4236.927	4271.374	4332.612	4374.714	4414.901
37.0	4190.999	4227.359	4288.597	4330.698	4374.714
37.5	4143.156	4179.516	4246.496	4292.425	4330.698
38.0	4095.314	4133.588	4200.567	4248.409	4284.770
38.5	4045.557	4085.745	4156.552	4208.222	4242.668
39.0	4001.542	4037.903	4110.623	4164.207	4208.222
39.5	3951.786	3993.888	4066.608	4120.192	4162.293
40.0	3898.203	3944.131	4020.679	4080.004	4118.278
40.5	3848.447	3896.289	3976.664	4037.903	4076.177
41.0	3802.518	3848.447	3930.736	3993.888	4032.162
41.5	3752.762	3800.604	3884.807	3949.873	3990.060
42.0	3703.006	3752.762	3838.878	3907.771	3947.959
42.5	3655.163	3703.006	3791.036	3863.756	3903.944
43.0	3601.580	3655.163	3747.021	3821.655	3861.842
43.5	3555.651	3605.407	3699.178	3777.640	3819.741
44.0	3503.981	3555.651	3651.336	3735.538	3775.726
44.5	3456.139	3507.808	3603.493	3689.610	3731.711
45.0	3406.382	3458.052	3557.565	3649.422	3691.523
45.5	3356.626	3410.210	3511.636	3607.321	3649.422
46.0	3306.870	3360.454	3461.880	3561.392	3605.407
46.5	3257.114	3310.697	3419.778	3523.118	3563.306
47.0	3205.444	3262.855	3371.936	3477.189	3521.204
47.5	3155.688	3213.099	3324.093	3433.174	3477.189
48.0	3107.845	3163.343	3276.251	3392.986	3433.174
48.5	3054.262	3115.500	3232.236	3347.058	3391.073
49.0	3006.419	3063.830	3182.480	3303.043	3347.058
49.5	2956.663	3015.988	3136.551	3260.941	3304.956
50.0	2904.994	2966.232	3090.622	3215.013	3260.941
50.5	2857.151	2918.389	3042.780	3176.739	3220.754
51.0	2807.395	2868.633	3000.678	3132.724	3178.652
51.5	2759.552	2818.877	2952.836	3090.622	3136.551
52.0	2707.883	2771.035	2906.907	3046.607	3094.450
52.5	2658.126	2721.278	2862.892	3002.592	3054.262
53.0	2606.457	2673.436	2816.963	2964.318	3010.247
53.5	2556.700	2625.594	2772.948	2920.303	2970.059
54.0	2508.858	2577.751	2728.933	2878.202	2929.872
54.5	2462.929	2527.995	2684.918	2839.928	2889.684

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55.0	2415.087	2482.066	2640.903	2795.913	2853.324
55.5	2374.899	2434.224	2596.888	2755.725	2809.309
56.0	2328.970	2392.122	2554.787	2715.537	2769.121
56.5	2281.128	2348.107	2510.772	2675.350	2730.847
57.0	2235.199	2304.092	2468.670	2635.162	2690.659
57.5	2187.357	2258.164	2432.310	2596.888	2646.644
58.0	2139.514	2212.235	2390.209	2554.787	2614.111
58.5	2093.586	2166.306	2348.107	2518.427	2575.837
59.0	2047.657	2120.377	2307.920	2485.894	2535.650
59.5	2001.728	2076.362	2271.559	2445.706	2505.031
60.0	1955.799	2030.434	2231.372	2407.432	2466.757
60.5	1910.827	1986.418	2191.184	2371.072	2428.483
61.0	1865.664	1942.403	2150.997	2334.712	2392.122
61.5	1820.884	1898.771	2110.809	2298.351	2357.676
62.0	1776.869	1855.522	2072.535	2263.905	2321.316
62.5	1733.428	1812.655	2032.347	2229.458	2286.869
63.0	1689.413	1769.979	1994.073	2193.098	2256.250
63.5	1645.780	1727.878	1957.713	2158.651	2221.803
64.0	1603.296	1686.351	1919.439	2122.291	2187.357
64.5	1561.003	1645.780	1883.079	2087.844	2152.910
65.0	1519.093	1605.018	1846.527	2053.398	2120.377
65.5	1477.758	1565.214	1810.358	2018.951	2085.931
66.0	1435.848	1525.409	1774.572	1984.505	2053.398
66.5	1394.894	1486.561	1738.977	1951.972	2020.865
67.0	1354.898	1448.095	1703.574	1917.525	1988.332
67.5	1314.710	1410.204	1668.936	1885.375	1955.799
68.0	1275.097	1373.270	1634.489	1852.842	1925.180
68.5	1236.058	1336.527	1600.808	1821.266	1893.221
69.0	1197.209	1300.166	1567.510	1789.499	1862.985
69.5	1158.935	1264.572	1534.594	1758.688	1832.940
70.0	1120.853	1229.551	1502.253	1728.452	1803.086
70.5	1083.727	1194.913	1469.911	1698.216	1773.615
71.0	1046.984	1160.658	1438.144	1668.362	1744.527
71.5	1010.624	1127.168	1407.142	1639.274	1715.822
72.0	975.029	1093.487	1376.140	1610.377	1687.882
72.5	939.243	1060.954	1345.904	1582.054	1660.133
73.0	904.414	1028.613	1315.859	1554.114	1632.193
73.5	870.541	996.654	1286.771	1526.365	1605.018
74.0	837.051	965.652	1257.300	1499.574	1577.653
74.5	804.136	934.459	1229.168	1472.973	1551.818
75.0	771.412	904.031	1201.228	1446.947	1526.748
75.5	739.262	874.369	1173.671	1421.112	1501.296
76.0	708.068	845.280	1146.879	1395.469	1476.418
76.5	677.066	816.575	1120.279	1370.399	1451.540
77.0	646.447	788.061	1094.061	1345.521	1427.427
77.5	616.402	760.312	1068.226	1321.408	1403.506
78.0	586.740	733.138	1043.157	1297.679	1379.968
78.5	557.652	706.346	1018.279	1273.757	1356.620
79.0	529.137	680.320	994.166	1250.602	1333.656
79.5	500.815	654.485	970.436	1228.020	1310.692
80.0	472.875	629.033	946.706	1205.630	1288.876
80.5	445.700	604.346	923.742	1183.048	1266.677
81.0	419.291	580.042	901.734	1161.232	1245.052
81.5	392.499	556.312	879.727	1139.607	1223.427
82.0	366.665	533.156	858.294	1118.748	1202.568
82.5	341.404	510.383	837.243	1097.889	1182.091

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**CANDELA TABULATION - (Cont.)**

83.0	316.526	488.184	816.575	1077.795	1162.189
83.5	291.839	466.560	796.864	1057.318	1141.521
84.0	267.726	445.509	777.727	1037.990	1121.810
84.5	243.805	425.224	758.973	1018.853	1102.481
85.0	220.841	405.513	740.601	999.907	1083.153
85.5	197.876	386.758	722.612	981.536	1064.399
86.0	175.295	368.770	705.006	963.547	1045.836
86.5	152.904	351.929	688.357	945.558	1027.273
87.0	130.897	335.663	671.517	928.526	1009.093
87.5	108.889	320.544	655.633	911.303	991.678
88.0	87.073	305.809	639.941	894.654	974.072
88.5	65.066	292.030	624.822	878.196	957.040
89.0	44.972	279.017	610.470	862.312	940.200
89.5	28.514	266.961	596.500	847.003	923.742
90.0	17.032	256.244	583.678	832.459	908.624
90.5	12.056	246.867	571.813	817.915	892.549
91.0	12.822	238.255	559.757	803.179	877.239
91.5	15.310	230.026	547.700	789.209	861.930
92.0	18.180	223.137	536.218	775.048	847.003
92.5	21.242	217.205	526.458	761.460	832.267
93.0	24.304	212.038	516.316	748.639	818.106
93.5	27.557	208.019	506.747	736.008	804.710
94.0	31.002	204.574	497.753	724.143	791.697
94.5	34.255	202.087	489.333	712.087	778.301
95.0	37.508	200.173	481.486	700.222	765.479
95.5	40.570	198.833	474.214	688.931	752.849
96.0	43.058	198.259	467.899	678.023	740.410
96.5	45.546	198.259	461.584	667.881	728.928
97.0	47.842	198.450	455.843	658.121	717.445
97.5	50.330	199.216	450.484	648.744	706.920
98.0	52.435	199.981	445.700	639.558	696.203
98.5	54.923	200.938	441.681	630.755	686.252
99.0	57.411	202.087	437.471	622.526	676.492
99.5	60.090	203.426	433.835	614.680	666.924
100.0	62.387	204.766	430.965	607.408	658.312
100.5	65.066	206.297	428.094	600.327	649.509
101.0	67.362	207.828	425.989	593.629	641.663
101.5	69.659	209.359	423.884	587.314	633.625
102.0	71.764	210.890	422.353	581.381	626.545
102.5	73.869	212.420	420.822	575.832	619.464
103.0	75.974	214.143	419.674	570.282	613.149
103.5	78.270	215.865	418.717	565.498	606.642
104.0	80.758	217.396	417.760	561.096	600.710
104.5	83.246	219.118	417.186	556.886	595.160
105.0	85.542	220.841	416.612	553.059	589.802
105.5	87.647	222.372	416.038	549.040	585.209
106.0	90.135	224.285	415.847	545.595	580.616
106.5	92.432	226.008	415.847	542.342	576.023
107.0	94.728	227.921	415.847	539.280	572.196
107.5	96.833	229.452	415.847	536.984	568.177
108.0	99.512	231.366	415.847	534.304	564.158
108.5	102.000	233.280	416.038	532.391	561.479
109.0	104.488	234.811	416.421	529.903	558.800
109.5	107.167	236.533	416.612	528.181	555.929
110.0	109.846	238.255	416.995	526.267	553.633
110.5	112.525	239.978	417.378	524.545	551.528

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**CANDELA TABULATION - (Cont.)**

111.0	115.205	241.700	417.569	523.014	549.231
111.5	117.884	243.231	417.760	521.865	547.318
112.0	120.754	244.953	418.143	520.717	545.021
112.5	123.625	246.676	418.526	519.378	542.916
113.0	126.687	248.398	419.100	518.421	541.959
113.5	129.557	249.929	419.100	517.464	540.620
114.0	132.619	251.460	419.483	516.698	539.280
114.5	135.490	253.182	419.865	515.742	538.132
115.0	138.552	254.522	420.248	515.167	537.175
115.5	141.614	256.244	420.248	514.593	536.218
116.0	144.484	257.775	420.822	513.828	535.070
116.5	147.163	259.306	421.205	513.062	534.687
117.0	150.225	261.028	421.588	513.062	533.730
117.5	153.096	262.368	421.970	512.297	533.156
118.0	155.584	263.708	422.353	511.914	532.391
118.5	158.454	265.047	422.545	511.340	532.199
119.0	160.942	266.387	422.927	510.766	531.051
119.5	163.621	267.344	423.310	510.192	530.860
120.0	166.109	268.300	423.119	509.809	529.903
120.5	168.597	269.449	423.310	509.044	529.712
121.0	171.085	270.214	423.693	508.470	528.946
121.5	173.764	271.171	423.501	507.704	528.563
122.0	176.252	272.319	423.501	507.321	527.989
122.5	178.739	273.467	423.693	506.556	526.650
123.0	181.227	274.616	423.501	505.790	526.458
123.5	183.524	275.573	423.119	505.216	525.310
124.0	185.437	276.338	423.119	504.642	525.119
124.5	187.351	277.103	423.119	503.685	524.353
125.0	189.265	278.060	422.736	502.728	523.588
125.5	191.178	278.634	422.353	502.154	522.631
126.0	192.901	279.400	422.162	501.006	521.865
126.5	194.432	280.357	421.779	500.241	521.291
127.0	196.154	280.739	421.396	499.284	520.526
127.5	197.494	281.314	420.822	498.327	519.186
128.0	199.216	281.314	420.631	497.179	518.421
128.5	200.556	281.696	419.865	496.222	517.655
129.0	201.895	282.079	419.100	495.265	516.698
129.5	203.043	282.653	417.760	493.734	515.550
130.0	204.000	283.036	416.421	492.777	514.402
130.5	204.957	283.419	414.890	491.629	513.062
131.0	205.531	283.993	413.359	489.907	511.723
131.5	206.297	284.567	411.828	488.376	510.383
132.0	207.062	285.141	410.105	487.419	509.235
132.5	207.445	285.332	408.192	485.505	507.513
133.0	208.019	285.524	407.426	483.783	505.408
133.5	208.210	285.332	406.278	482.443	504.451
134.0	208.402	284.950	405.513	480.912	503.111
134.5	208.976	284.184	404.556	479.190	500.623
135.0	209.550	283.610	403.408	476.894	498.710
135.5	209.359	282.079	402.451	475.363	497.179
136.0	209.741	281.888	401.111	473.449	495.265
136.5	210.124	281.314	400.154	471.344	493.351
137.0	210.315	280.357	398.623	469.621	491.246
137.5	210.507	279.400	397.284	467.325	489.333
138.0	210.890	278.826	395.370	465.411	487.036
138.5	210.890	278.060	392.882	463.306	485.314

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

139.0	210.698	277.486	390.012	460.818	482.635
139.5	210.698	276.721	386.567	458.139	480.721
140.0	210.698	275.764	382.740	455.651	478.042
140.5	210.698	275.190	379.295	452.590	475.171
141.0	210.698	274.807	375.468	449.336	472.875
141.5	210.698	274.042	371.640	446.466	470.578
142.0	210.507	273.659	368.004	442.830	468.091
142.5	210.315	273.085	364.177	439.576	465.220
143.0	210.124	272.511	360.541	436.515	462.349
143.5	210.124	271.745	356.331	433.261	459.670
144.0	210.124	270.788	352.695	430.773	456.608
144.5	210.698	270.023	349.059	427.903	453.929
145.0	211.464	269.257	345.040	425.415	450.867
145.5	212.803	268.300	341.404	422.927	447.805
146.0	214.526	267.535	337.959	420.248	444.935
146.5	216.248	266.769	335.089	417.378	441.681
147.0	217.970	265.813	331.835	414.507	438.428
147.5	219.501	265.430	329.347	411.636	435.175
148.0	221.223	264.664	326.668	408.383	431.730
148.5	222.754	264.473	324.563	405.321	428.286
149.0	224.668	264.473	322.267	402.259	425.224
149.5	226.008	265.047	320.162	399.006	421.396
150.0	227.539	265.430	318.057	395.944	417.378
150.5	228.878	265.621	315.760	392.499	413.167
151.0	229.835	266.195	312.698	389.055	408.192
151.5	230.792	266.387	309.445	385.419	403.599
152.0	231.940	266.769	306.383	381.591	399.006
152.5	233.088	267.152	303.512	377.573	394.030
153.0	233.854	267.344	300.451	372.980	390.012
153.5	234.811	267.918	297.197	368.195	385.419
154.0	235.576	267.726	294.327	362.837	381.591
154.5	236.533	267.918	291.839	357.670	377.764
155.0	236.916	268.300	289.351	351.738	374.893
155.5	237.681	268.492	286.863	346.188	371.832
156.0	238.255	268.492	285.141	340.255	369.152
156.5	239.212	268.492	283.419	334.323	365.708
157.0	239.595	268.875	281.696	328.965	362.454
157.5	240.169	268.875	280.548	323.798	358.818
158.0	240.935	268.683	279.974	318.439	355.374
158.5	241.126	268.683	279.209	314.038	351.355
159.0	242.083	268.109	278.634	309.828	347.910
159.5	242.848	267.726	277.678	305.809	344.083
160.0	243.805	267.344	276.721	302.556	340.255
160.5	244.953	267.152	275.955	299.494	336.619
161.0	245.719	266.578	275.764	296.240	332.983
161.5	246.867	266.387	275.381	292.987	330.304
162.0	247.824	266.004	275.955	290.308	328.008
162.5	248.781	266.004	276.338	287.437	325.329
163.0	249.929	265.813	276.529	284.376	323.032
163.5	250.886	265.813	276.912	281.122	320.162
164.0	251.269	265.813	277.295	277.103	317.482
164.5	251.843	265.430	276.912	274.042	314.038
165.0	252.417	265.430	276.338	270.980	310.593
165.5	252.991	265.239	275.764	268.875	306.957
166.0	253.565	265.047	275.381	266.578	301.407
166.5	254.139	265.047	274.807	264.664	298.728

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

167.0	254.905	265.047	274.233	262.942	296.623
167.5	255.287	265.047	273.085	261.411	294.518
168.0	255.861	265.047	272.128	259.880	292.796
168.5	257.010	264.282	270.788	258.541	290.691
169.0	257.584	264.473	269.831	257.201	288.586
169.5	258.541	263.899	268.300	255.670	286.289
170.0	258.923	263.708	266.961	253.756	284.184
170.5	259.497	263.325	265.239	251.651	281.888
171.0	259.880	262.942	263.325	249.355	279.017
171.5	260.454	262.942	261.603	247.250	276.721
172.0	261.411	262.559	260.646	245.145	273.276
172.5	261.985	262.559	259.497	242.848	269.449
173.0	262.751	262.177	258.541	240.743	262.942
173.5	263.708	262.368	258.158	238.638	253.182
174.0	264.473	262.368	257.966	236.916	241.126
174.5	265.047	262.368	257.584	235.193	226.773
175.0	266.195	262.942	257.392	233.854	210.507
175.5	266.578	263.133	257.201	233.280	193.475
176.0	267.344	263.516	257.201	232.706	182.375
176.5	267.535	263.708	257.010	232.706	174.529
177.0	268.300	264.090	256.627	232.132	166.492
177.5	268.492	264.090	256.053	231.940	164.769
178.0	269.257	264.473	255.861	231.749	165.152
178.5	269.640	264.664	256.053	231.366	165.535
179.0	270.023	264.664	255.861	230.792	165.726
179.5	270.406	264.664	255.670	230.601	165.918
180.0	242.466	242.466	242.466	242.466	242.466



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L200-827-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	2190.94	N.A.	11.70
0-30	4590.77	N.A.	24.50
0-40	7374.43	N.A.	39.40
0-60	12480.26	N.A.	66.70
0-80	15548.18	N.A.	83.10
0-90	16319.76	N.A.	87.30
10-90	15748.57	N.A.	84.20
20-40	5183.49	N.A.	27.70
20-50	7924.71	N.A.	42.40
40-70	6924.61	N.A.	37.00
60-80	3067.92	N.A.	16.40
70-80	1249.14	N.A.	6.70
80-90	771.58	N.A.	4.10
90-110	901.20	N.A.	4.80
90-120	1280.6	N.A.	6.80
90-130	1629.78	N.A.	8.70
90-150	2139.6	N.A.	11.40
90-180	2383.32	N.A.	12.70
110-180	1482.12	N.A.	7.90
0-180	18703.08	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	571.19
10-20	1619.76
20-30	2399.82
30-40	2783.66
40-50	2741.23
50-60	2364.61
60-70	1818.77
70-80	1249.14
80-90	771.58
90-100	494.35
100-110	406.85
110-120	379.40
120-130	349.18
130-140	293.43
140-150	216.39
150-160	141.48
160-170	77.95
170-180	24.28

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L200-827-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-L200-827-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

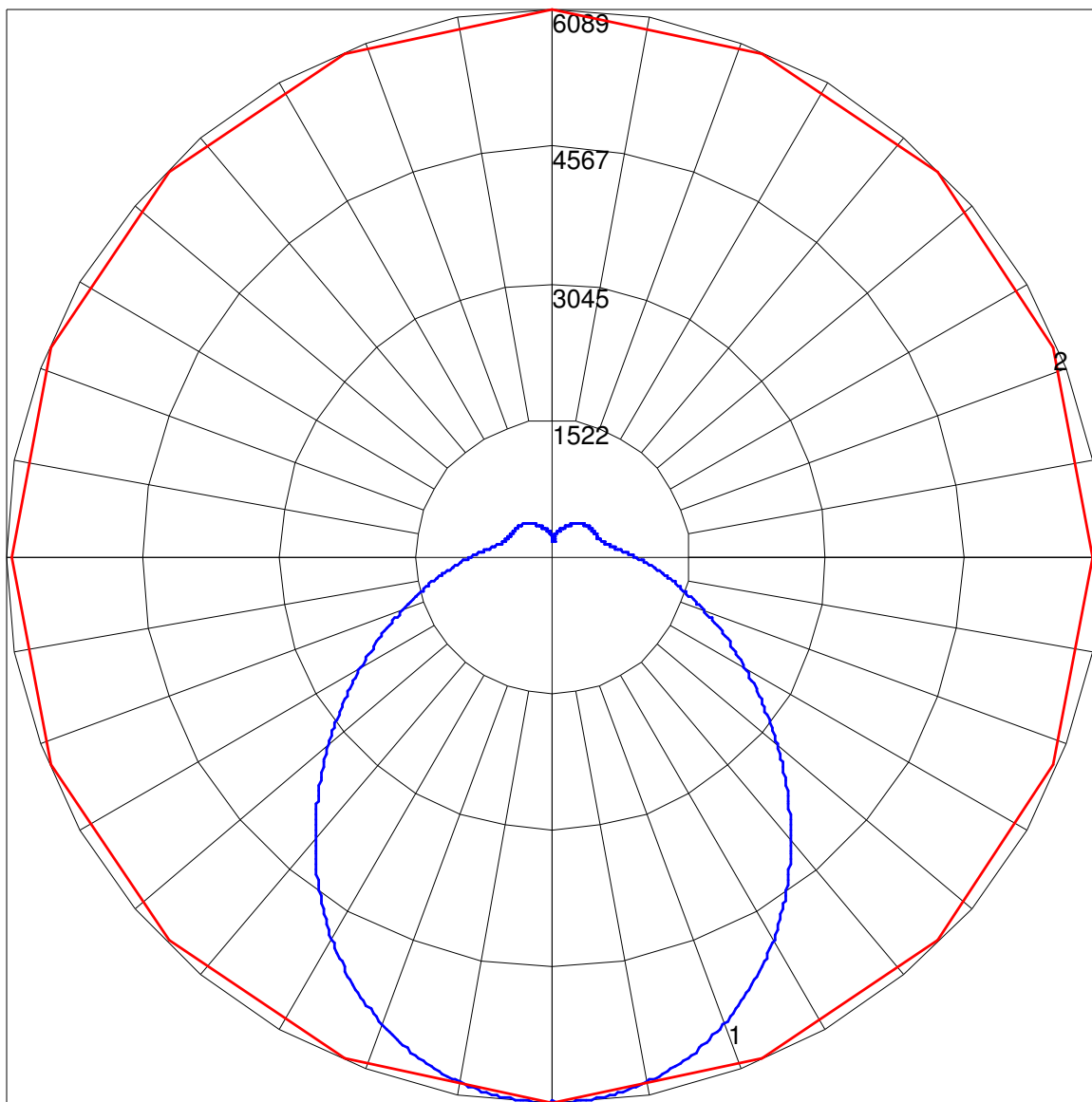
Reflectances

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	19.6	21.0	20.1	21.5	22.1	21.3	22.7	21.9	23.2	23.8
	3H	21.0	22.2	21.5	22.8	23.4	23.5	24.8	24.1	25.3	26.0
	4H	21.4	22.6	22.0	23.1	23.8	24.6	25.8	25.2	26.3	27.0
	6H	21.7	22.8	22.3	23.4	24.1	25.7	26.8	26.3	27.4	28.1
	8H	21.8	22.8	22.4	23.4	24.1	26.4	27.4	27.0	28.0	28.7
	12H	21.8	22.8	22.4	23.4	24.1	27.1	28.0	27.7	28.7	29.4
4H	2H	20.3	21.5	20.9	22.1	22.8	21.7	22.9	22.3	23.5	24.1
	3H	21.9	22.9	22.5	23.6	24.2	24.2	25.1	24.8	25.8	26.5
	4H	22.5	23.4	23.1	24.0	24.8	25.4	26.3	26.0	26.9	27.7
	6H	22.9	23.7	23.6	24.4	25.1	26.8	27.5	27.4	28.2	28.9
	8H	23.0	23.8	23.7	24.4	25.2	27.5	28.2	28.1	28.9	29.6
	12H	23.1	23.8	23.8	24.5	25.2	28.3	29.0	29.0	29.7	30.4
8H	4H	23.1	23.8	23.7	24.5	25.2	25.6	26.3	26.3	27.0	27.8
	6H	23.7	24.3	24.3	25.0	25.7	27.1	27.8	27.8	28.5	29.2
	8H	23.9	24.4	24.6	25.1	25.9	28.0	28.6	28.7	29.3	30.0
	12H	24.0	24.5	24.7	25.2	26.0	29.0	29.5	29.7	30.2	31.0
12H	4H	23.3	23.9	23.9	24.6	25.4	25.6	26.3	26.3	27.0	27.7
	6H	23.9	24.5	24.6	25.2	26.0	27.2	27.7	27.9	28.4	29.2
	8H	24.2	24.7	24.9	25.4	26.2	28.1	28.6	28.8	29.3	30.1

Maximum UGR = 31.0

POLAR GRAPH



Maximum Candela = 6089.387 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.)