

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L200-830-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-L200-830-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	19057
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	167
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	21079	18799	18490
55	18337	16130	16232
65	15532	13859	14466
75	12660	12171	13522
85	9943	12110	14286

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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	6167.578	6167.578	6167.578	6167.578	6167.578
0.5	6138.329	6161.728	6165.628	6163.678	6204.626
1.0	6138.329	6163.678	6163.678	6161.728	6202.676
1.5	6132.479	6163.678	6161.728	6159.778	6204.626
2.0	6130.530	6157.828	6161.728	6157.828	6198.777
2.5	6130.530	6157.828	6155.878	6155.878	6194.877
3.0	6124.680	6151.979	6151.979	6151.979	6190.977
3.5	6120.780	6146.129	6146.129	6148.079	6187.077
4.0	6116.880	6142.229	6142.229	6140.279	6183.177
4.5	6107.131	6136.379	6138.329	6136.379	6177.327
5.0	6101.281	6130.530	6130.530	6130.530	6171.478
5.5	6093.481	6122.730	6122.730	6124.680	6163.678
6.0	6089.581	6112.980	6114.930	6114.930	6155.878
6.5	6075.932	6105.181	6107.131	6107.131	6146.129
7.0	6068.132	6095.431	6097.381	6095.431	6138.329
7.5	6060.333	6083.732	6087.631	6087.631	6128.580
8.0	6050.583	6075.932	6075.932	6075.932	6114.930
8.5	6040.834	6062.283	6066.182	6066.182	6103.231
9.0	6025.234	6052.533	6054.483	6052.533	6089.581
9.5	6015.485	6038.884	6038.884	6038.884	6081.782
10.0	5999.885	6023.284	6023.284	6027.184	6066.182
10.5	5986.236	6009.635	6011.585	6011.585	6052.533
11.0	5972.587	5995.985	5997.935	5995.985	6036.934
11.5	5955.037	5980.386	5984.286	5980.386	6023.284
12.0	5939.438	5962.837	5966.737	5966.737	6005.735
12.5	5923.839	5945.288	5951.137	5947.238	5990.136
13.0	5906.289	5929.688	5933.588	5931.638	5972.587
13.5	5888.740	5910.189	5914.089	5914.089	5956.987
14.0	5867.291	5890.690	5894.590	5894.590	5935.538
14.5	5849.742	5871.191	5875.091	5875.091	5919.939
15.0	5832.193	5851.692	5853.642	5853.642	5896.540
15.5	5810.744	5828.293	5834.143	5834.143	5873.141
16.0	5787.345	5806.844	5812.694	5812.694	5853.642
16.5	5767.846	5783.445	5789.295	5791.245	5832.193
17.0	5740.547	5758.096	5765.896	5767.846	5808.794
17.5	5717.148	5734.697	5742.497	5744.447	5785.395
18.0	5695.699	5711.298	5717.148	5722.998	5763.946
18.5	5670.350	5687.899	5693.749	5697.649	5738.597
19.0	5645.001	5658.650	5668.400	5672.300	5711.298
19.5	5615.752	5635.251	5643.051	5650.851	5685.949
20.0	5584.554	5606.003	5615.752	5621.602	5658.650
20.5	5553.355	5580.654	5588.453	5596.253	5633.301
21.0	5528.006	5549.455	5555.305	5570.904	5606.003
21.5	5498.757	5520.206	5529.956	5537.756	5576.754
22.0	5467.559	5492.908	5502.657	5510.457	5551.405
22.5	5440.260	5457.809	5471.459	5483.158	5522.156
23.0	5407.111	5426.611	5440.260	5451.959	5490.958
23.5	5372.013	5393.462	5411.011	5422.711	5461.709
24.0	5336.915	5360.314	5377.863	5391.512	5430.510
24.5	5307.666	5327.165	5346.664	5358.364	5395.412
25.0	5274.517	5294.016	5315.466	5327.165	5364.213
25.5	5237.469	5260.868	5278.417	5295.966	5327.165
26.0	5202.370	5223.820	5247.219	5262.818	5297.916
26.5	5165.322	5186.771	5214.070	5227.719	5264.768

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CANDELA TABULATION - (Cont.)

27.0	5128.274	5147.773	5180.921	5198.471	5231.619
27.5	5085.376	5110.725	5143.873	5159.472	5198.471
28.0	5054.177	5073.676	5106.825	5124.374	5161.422
28.5	5013.229	5036.628	5069.776	5087.326	5124.374
29.0	4974.231	4997.630	5030.778	5052.227	5089.275
29.5	4933.282	4956.681	4991.780	5013.229	5050.277
30.0	4892.334	4917.683	4952.782	4980.080	5017.129
30.5	4849.436	4874.785	4915.733	4943.032	4978.130
31.0	4808.488	4833.837	4874.785	4904.034	4937.182
31.5	4765.590	4794.838	4835.787	4866.985	4902.084
32.0	4724.642	4749.990	4796.788	4826.037	4861.136
32.5	4679.794	4707.092	4755.840	4787.039	4822.137
33.0	4636.895	4666.144	4710.992	4748.041	4783.139
33.5	4595.947	4623.246	4671.994	4705.142	4742.191
34.0	4547.199	4578.398	4629.096	4666.144	4705.142
34.5	4502.351	4535.500	4588.148	4623.246	4662.244
35.0	4461.403	4488.702	4547.199	4584.248	4621.296
35.5	4408.756	4445.804	4502.351	4541.350	4578.398
36.0	4367.807	4399.006	4459.453	4498.452	4537.450
36.5	4317.110	4352.208	4414.605	4457.503	4498.452
37.0	4270.312	4307.360	4369.757	4412.655	4457.503
37.5	4221.564	4258.612	4326.859	4373.657	4412.655
38.0	4172.816	4211.814	4280.061	4328.809	4365.857
38.5	4122.118	4163.066	4235.213	4287.861	4322.959
39.0	4077.270	4114.318	4188.415	4243.013	4287.861
39.5	4026.572	4069.470	4143.567	4198.165	4241.063
40.0	3971.975	4018.773	4096.769	4157.217	4196.215
40.5	3921.277	3970.025	4051.921	4114.318	4153.317
41.0	3874.479	3921.277	4005.123	4069.470	4108.469
41.5	3823.781	3872.529	3958.325	4024.622	4065.571
42.0	3773.084	3823.781	3911.527	3981.724	4022.673
42.5	3724.336	3773.084	3862.780	3936.876	3977.825
43.0	3669.738	3724.336	3817.932	3893.978	3934.926
43.5	3622.940	3673.638	3769.184	3849.130	3892.028
44.0	3570.292	3622.940	3720.436	3806.232	3847.180
44.5	3521.545	3574.192	3671.688	3759.434	3802.332
45.0	3470.847	3523.495	3624.890	3718.486	3761.384
45.5	3420.149	3474.747	3578.092	3675.588	3718.486
46.0	3369.451	3424.049	3527.394	3628.790	3673.638
46.5	3318.754	3373.351	3484.496	3589.792	3630.740
47.0	3266.106	3324.603	3435.748	3542.994	3587.842
47.5	3215.408	3273.906	3387.001	3498.146	3542.994
48.0	3166.660	3223.208	3338.253	3457.197	3498.146
48.5	3112.063	3174.460	3293.405	3410.400	3455.248
49.0	3063.315	3121.812	3242.707	3365.552	3410.400
49.5	3012.617	3073.064	3195.909	3322.653	3367.501
50.0	2959.969	3022.367	3149.111	3275.855	3322.653
50.5	2911.222	2973.619	3100.363	3236.857	3281.705
51.0	2860.524	2922.921	3057.465	3192.009	3238.807
51.5	2811.776	2872.223	3008.717	3149.111	3195.909
52.0	2759.128	2823.475	2961.919	3104.263	3153.011
52.5	2708.431	2772.778	2917.071	3059.415	3112.063
53.0	2655.783	2724.030	2870.273	3020.417	3067.215
53.5	2605.085	2675.282	2825.425	2975.569	3026.266
54.0	2556.337	2626.534	2780.577	2932.671	2985.318
54.5	2509.539	2575.836	2735.729	2893.672	2944.370

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55.0	2460.791	2529.038	2690.881	2848.824	2907.322
55.5	2419.843	2480.291	2646.033	2807.876	2862.474
56.0	2373.045	2437.392	2603.135	2766.928	2821.526
56.5	2324.297	2392.544	2558.287	2725.980	2782.527
57.0	2277.500	2347.696	2515.389	2685.032	2741.579
57.5	2228.752	2300.898	2478.341	2646.033	2696.731
58.0	2180.004	2254.101	2435.443	2603.135	2663.582
58.5	2133.206	2207.303	2392.544	2566.087	2624.584
59.0	2086.408	2160.505	2351.596	2532.938	2583.636
59.5	2039.610	2115.657	2314.548	2491.990	2552.437
60.0	1992.812	2068.859	2273.600	2452.992	2513.439
60.5	1946.989	2024.011	2232.652	2415.943	2474.441
61.0	1900.971	1979.163	2191.703	2378.895	2437.392
61.5	1855.343	1934.705	2150.755	2341.847	2402.294
62.0	1810.495	1890.637	2111.757	2306.748	2365.246
62.5	1766.232	1846.959	2070.809	2271.650	2330.147
63.0	1721.384	1803.475	2031.810	2234.601	2298.949
63.5	1676.926	1760.577	1994.762	2199.503	2263.850
64.0	1633.638	1718.264	1955.764	2162.455	2228.752
64.5	1590.545	1676.926	1918.715	2127.356	2193.653
65.0	1547.842	1635.393	1881.472	2092.258	2160.505
65.5	1505.724	1594.835	1844.619	2057.159	2125.406
66.0	1463.020	1554.276	1808.155	2022.061	2092.258
66.5	1421.292	1514.693	1771.887	1988.912	2059.109
67.0	1380.539	1475.500	1735.813	1953.814	2025.961
67.5	1339.591	1436.892	1700.520	1921.055	1992.812
68.0	1299.228	1399.258	1665.422	1887.907	1961.613
68.5	1259.449	1361.820	1631.103	1855.733	1929.050
69.0	1219.866	1324.772	1597.175	1823.365	1898.241
69.5	1180.868	1288.503	1563.636	1791.971	1867.628
70.0	1142.065	1252.820	1530.682	1761.162	1837.209
70.5	1104.236	1217.526	1497.729	1730.354	1807.180
71.0	1066.798	1182.623	1465.360	1699.935	1777.542
71.5	1029.750	1148.499	1433.772	1670.296	1748.293
72.0	993.481	1114.181	1402.183	1640.853	1719.824
72.5	957.018	1081.032	1371.375	1611.994	1691.550
73.0	921.529	1048.079	1340.761	1583.525	1663.082
73.5	887.016	1015.515	1311.122	1555.251	1635.393
74.0	852.892	983.927	1281.093	1527.953	1607.509
74.5	819.354	952.143	1252.430	1500.849	1581.185
75.0	786.010	921.139	1223.961	1474.330	1555.641
75.5	753.252	890.916	1195.882	1448.006	1529.708
76.0	721.468	861.277	1168.583	1421.877	1504.359
76.5	689.880	832.028	1141.480	1396.333	1479.010
77.0	658.681	802.975	1114.766	1370.985	1454.441
77.5	628.067	774.701	1088.442	1346.416	1430.067
78.0	597.844	747.012	1062.898	1322.237	1406.083
78.5	568.205	719.713	1037.549	1297.863	1382.294
79.0	539.151	693.194	1012.980	1274.269	1358.895
79.5	510.292	666.871	988.801	1251.260	1335.496
80.0	481.824	640.937	964.622	1228.446	1313.267
80.5	454.135	615.783	941.223	1205.437	1290.648
81.0	427.226	591.019	918.799	1183.208	1268.614
81.5	399.927	566.840	896.375	1161.174	1246.580
82.0	373.604	543.246	874.536	1139.920	1225.326
82.5	347.865	520.042	853.087	1118.666	1204.462

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83.0	322.516	497.423	832.028	1098.192	1184.183
83.5	297.362	475.389	811.944	1077.327	1163.124
84.0	272.793	453.940	792.445	1057.633	1143.040
84.5	248.419	433.271	773.336	1038.134	1123.345
85.0	225.020	413.187	754.617	1018.830	1103.651
85.5	201.621	394.078	736.288	1000.111	1084.542
86.0	178.612	375.748	718.348	981.782	1065.628
86.5	155.798	358.589	701.384	963.452	1046.714
87.0	133.374	342.015	684.225	946.098	1028.190
87.5	110.950	326.611	668.041	928.549	1010.445
88.0	88.721	311.596	652.051	911.585	992.506
88.5	66.297	297.557	636.647	894.816	975.152
89.0	45.823	284.297	622.023	878.631	957.993
89.5	29.054	272.013	607.788	863.032	941.223
90.0	17.354	261.093	594.724	848.213	925.819
90.5	12.284	251.539	582.634	833.393	909.440
91.0	13.064	242.764	570.350	818.379	893.841
91.5	15.599	234.380	558.065	804.145	878.241
92.0	18.524	227.360	546.366	789.715	863.032
92.5	21.644	221.315	536.421	775.871	848.018
93.0	24.764	216.050	526.087	762.806	833.588
93.5	28.079	211.956	516.337	749.937	819.939
94.0	31.589	208.446	507.173	737.847	806.679
94.5	34.903	205.911	498.593	725.563	793.030
95.0	38.218	203.961	490.598	713.474	779.966
95.5	41.338	202.596	483.189	701.969	767.096
96.0	43.873	202.011	476.754	690.855	754.422
96.5	46.408	202.011	470.319	680.520	742.722
97.0	48.748	202.206	464.470	670.575	731.023
97.5	51.283	202.986	459.010	661.021	720.298
98.0	53.428	203.766	454.135	651.661	709.379
98.5	55.963	204.741	450.040	642.692	699.239
99.0	58.497	205.911	445.750	634.307	689.295
99.5	61.227	207.276	442.045	626.312	679.545
100.0	63.567	208.641	439.121	618.903	670.770
100.5	66.297	210.201	436.196	611.688	661.801
101.0	68.637	211.761	434.051	604.863	653.806
101.5	70.977	213.321	431.906	598.429	645.617
102.0	73.122	214.881	430.346	592.384	638.402
102.5	75.267	216.440	428.786	586.729	631.187
103.0	77.412	218.195	427.616	581.074	624.752
103.5	79.751	219.950	426.641	576.200	618.123
104.0	82.286	221.510	425.666	571.715	612.078
104.5	84.821	223.265	425.081	567.425	606.423
105.0	87.161	225.020	424.496	563.525	600.963
105.5	89.306	226.580	423.911	559.430	596.284
106.0	91.841	228.530	423.716	555.920	591.604
106.5	94.181	230.285	423.716	552.606	586.924
107.0	96.521	232.235	423.716	549.486	583.024
107.5	98.666	233.795	423.716	547.146	578.929
108.0	101.396	235.745	423.716	544.416	574.835
108.5	103.930	237.695	423.911	542.466	572.105
109.0	106.465	239.254	424.301	539.931	569.375
109.5	109.195	241.009	424.496	538.176	566.450
110.0	111.925	242.764	424.886	536.226	564.110
110.5	114.655	244.519	425.276	534.471	561.965

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CANDELA TABULATION - (Cont.)

111.0	117.385	246.274	425.471	532.911	559.625
111.5	120.115	247.834	425.666	531.742	557.675
112.0	123.040	249.589	426.056	530.572	555.336
112.5	125.964	251.344	426.446	529.207	553.191
113.0	129.084	253.099	427.031	528.232	552.216
113.5	132.009	254.659	427.031	527.257	550.851
114.0	135.129	256.219	427.421	526.477	549.486
114.5	138.054	257.974	427.811	525.502	548.316
115.0	141.174	259.339	428.201	524.917	547.341
115.5	144.294	261.093	428.201	524.332	546.366
116.0	147.219	262.653	428.786	523.552	545.196
116.5	149.948	264.213	429.176	522.772	544.806
117.0	153.068	265.968	429.566	522.772	543.831
117.5	155.993	267.333	429.956	521.992	543.246
118.0	158.528	268.698	430.346	521.602	542.466
118.5	161.453	270.063	430.541	521.017	542.271
119.0	163.988	271.428	430.931	520.432	541.101
119.5	166.718	272.403	431.321	519.847	540.906
120.0	169.253	273.378	431.126	519.457	539.931
120.5	171.787	274.548	431.321	518.677	539.736
121.0	174.322	275.328	431.711	518.092	538.956
121.5	177.052	276.303	431.516	517.312	538.566
122.0	179.587	277.473	431.516	516.922	537.981
122.5	182.122	278.643	431.711	516.142	536.616
123.0	184.657	279.813	431.516	515.362	536.421
123.5	186.997	280.788	431.126	514.777	535.251
124.0	188.947	281.568	431.126	514.192	535.056
124.5	190.897	282.348	431.126	513.217	534.276
125.0	192.846	283.323	430.736	512.242	533.496
125.5	194.796	283.907	430.346	511.657	532.522
126.0	196.551	284.687	430.151	510.487	531.742
126.5	198.111	285.662	429.761	509.708	531.157
127.0	199.866	286.052	429.371	508.733	530.377
127.5	201.231	286.637	428.786	507.758	529.012
128.0	202.986	286.637	428.591	506.588	528.232
128.5	204.351	287.027	427.811	505.613	527.452
129.0	205.716	287.417	427.031	504.638	526.477
129.5	206.886	288.002	425.666	503.078	525.307
130.0	207.861	288.392	424.301	502.103	524.137
130.5	208.836	288.782	422.741	500.933	522.772
131.0	209.421	289.367	421.181	499.178	521.407
131.5	210.201	289.952	419.621	497.618	520.042
132.0	210.981	290.537	417.867	496.643	518.872
132.5	211.371	290.732	415.917	494.693	517.117
133.0	211.956	290.927	415.137	492.938	514.972
133.5	212.151	290.732	413.967	491.573	513.997
134.0	212.346	290.342	413.187	490.013	512.632
134.5	212.931	289.562	412.212	488.258	510.097
135.0	213.516	288.977	411.042	485.919	508.148
135.5	213.321	287.417	410.067	484.359	506.588
136.0	213.711	287.222	408.702	482.409	504.638
136.5	214.101	286.637	407.727	480.264	502.688
137.0	214.296	285.662	406.167	478.509	500.543
137.5	214.491	284.687	404.802	476.169	498.593
138.0	214.881	284.102	402.852	474.219	496.253
138.5	214.881	283.323	400.317	472.074	494.498

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	214.686	282.738	397.392	469.539	491.768
139.5	214.686	281.958	393.883	466.809	489.818
140.0	214.686	280.983	389.983	464.275	487.089
140.5	214.686	280.398	386.473	461.155	484.164
141.0	214.686	280.008	382.573	457.840	481.824
141.5	214.686	279.228	378.673	454.915	479.484
142.0	214.491	278.838	374.968	451.210	476.949
142.5	214.296	278.253	371.069	447.895	474.024
143.0	214.101	277.668	367.364	444.775	471.099
143.5	214.101	276.888	363.074	441.461	468.369
144.0	214.101	275.913	359.369	438.926	465.249
144.5	214.686	275.133	355.664	436.001	462.520
145.0	215.465	274.353	351.569	433.466	459.400
145.5	216.830	273.378	347.865	430.931	456.280
146.0	218.585	272.598	344.355	428.201	453.355
146.5	220.340	271.818	341.430	425.276	450.040
147.0	222.095	270.843	338.115	422.351	446.725
147.5	223.655	270.453	335.580	419.426	443.410
148.0	225.410	269.673	332.850	416.112	439.901
148.5	226.970	269.478	330.705	412.992	436.391
149.0	228.920	269.478	328.366	409.872	433.271
149.5	230.285	270.063	326.221	406.557	429.371
150.0	231.845	270.453	324.076	403.437	425.276
150.5	233.210	270.648	321.736	399.927	420.986
151.0	234.185	271.233	318.616	396.418	415.917
151.5	235.160	271.428	315.301	392.713	411.237
152.0	236.330	271.818	312.181	388.813	406.557
152.5	237.500	272.208	309.256	384.718	401.487
153.0	238.279	272.403	306.136	380.038	397.392
153.5	239.254	272.988	302.822	375.163	392.713
154.0	240.034	272.793	299.897	369.704	388.813
154.5	241.009	272.988	297.362	364.439	384.913
155.0	241.399	273.378	294.827	358.394	381.988
155.5	242.179	273.573	292.292	352.739	378.868
156.0	242.764	273.573	290.537	346.695	376.138
156.5	243.739	273.573	288.782	340.650	372.629
157.0	244.129	273.963	287.027	335.190	369.314
157.5	244.714	273.963	285.857	329.925	365.609
158.0	245.494	273.768	285.272	324.466	362.099
158.5	245.689	273.768	284.492	319.981	358.004
159.0	246.664	273.183	283.907	315.691	354.494
159.5	247.444	272.793	282.933	311.596	350.595
160.0	248.419	272.403	281.958	308.281	346.695
160.5	249.589	272.208	281.178	305.162	342.990
161.0	250.369	271.623	280.983	301.847	339.285
161.5	251.539	271.428	280.593	298.532	336.555
162.0	252.514	271.038	281.178	295.802	334.215
162.5	253.489	271.038	281.568	292.877	331.485
163.0	254.659	270.843	281.763	289.757	329.145
163.5	255.634	270.843	282.153	286.442	326.221
164.0	256.024	270.843	282.543	282.348	323.491
164.5	256.609	270.453	282.153	279.228	319.981
165.0	257.194	270.453	281.568	276.108	316.471
165.5	257.779	270.258	280.983	273.963	312.766
166.0	258.364	270.063	280.593	271.623	307.111
166.5	258.949	270.063	280.008	269.673	304.382

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	259.729	270.063	279.423	267.918	302.237
167.5	260.119	270.063	278.253	266.358	300.092
168.0	260.703	270.063	277.278	264.798	298.337
168.5	261.873	269.283	275.913	263.433	296.192
169.0	262.458	269.478	274.938	262.068	294.047
169.5	263.433	268.893	273.378	260.509	291.707
170.0	263.823	268.698	272.013	258.559	289.562
170.5	264.408	268.308	270.258	256.414	287.222
171.0	264.798	267.918	268.308	254.074	284.297
171.5	265.383	267.918	266.553	251.929	281.958
172.0	266.358	267.528	265.578	249.784	278.448
172.5	266.943	267.528	264.408	247.444	274.548
173.0	267.723	267.138	263.433	245.299	267.918
173.5	268.698	267.333	263.043	243.154	257.974
174.0	269.478	267.333	262.848	241.399	245.689
174.5	270.063	267.333	262.458	239.644	231.065
175.0	271.233	267.918	262.263	238.279	214.491
175.5	271.623	268.113	262.068	237.695	197.136
176.0	272.403	268.503	262.068	237.110	185.827
176.5	272.598	268.698	261.873	237.110	177.832
177.0	273.378	269.088	261.483	236.525	169.643
177.5	273.573	269.088	260.898	236.330	167.888
178.0	274.353	269.478	260.703	236.135	168.278
178.5	274.743	269.673	260.898	235.745	168.668
179.0	275.133	269.673	260.703	235.160	168.863
179.5	275.523	269.673	260.509	234.965	169.058
180.0	247.054	247.054	247.054	247.054	247.054

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L200-830-HE-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2232.41	N.A.	11.70
0-30	4677.65	N.A.	24.50
0-40	7513.99	N.A.	39.40
0-60	12716.45	N.A.	66.70
0-80	15842.43	N.A.	83.10
0-90	16628.6	N.A.	87.30
10-90	16046.61	N.A.	84.20
20-40	5281.58	N.A.	27.70
20-50	8074.69	N.A.	42.40
40-70	7055.65	N.A.	37.00
60-80	3125.98	N.A.	16.40
70-80	1272.78	N.A.	6.70
80-90	786.18	N.A.	4.10
90-110	918.26	N.A.	4.80
90-120	1304.84	N.A.	6.80
90-130	1660.62	N.A.	8.70
90-150	2180.09	N.A.	11.40
90-180	2428.42	N.A.	12.70
110-180	1510.17	N.A.	7.90
0-180	19057.03	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	582.00
10-20	1650.41
20-30	2445.24
30-40	2836.34
40-50	2793.1
50-60	2409.36
60-70	1853.19
70-80	1272.78
80-90	786.18
90-100	503.71
100-110	414.55
110-120	386.58
120-130	355.78
130-140	298.98
140-150	220.49
150-160	144.16
160-170	79.43
170-180	24.74

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L200-830-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-L200-830-HE-DIM-UNV_.IES

UGR TABLE - CORRECTED

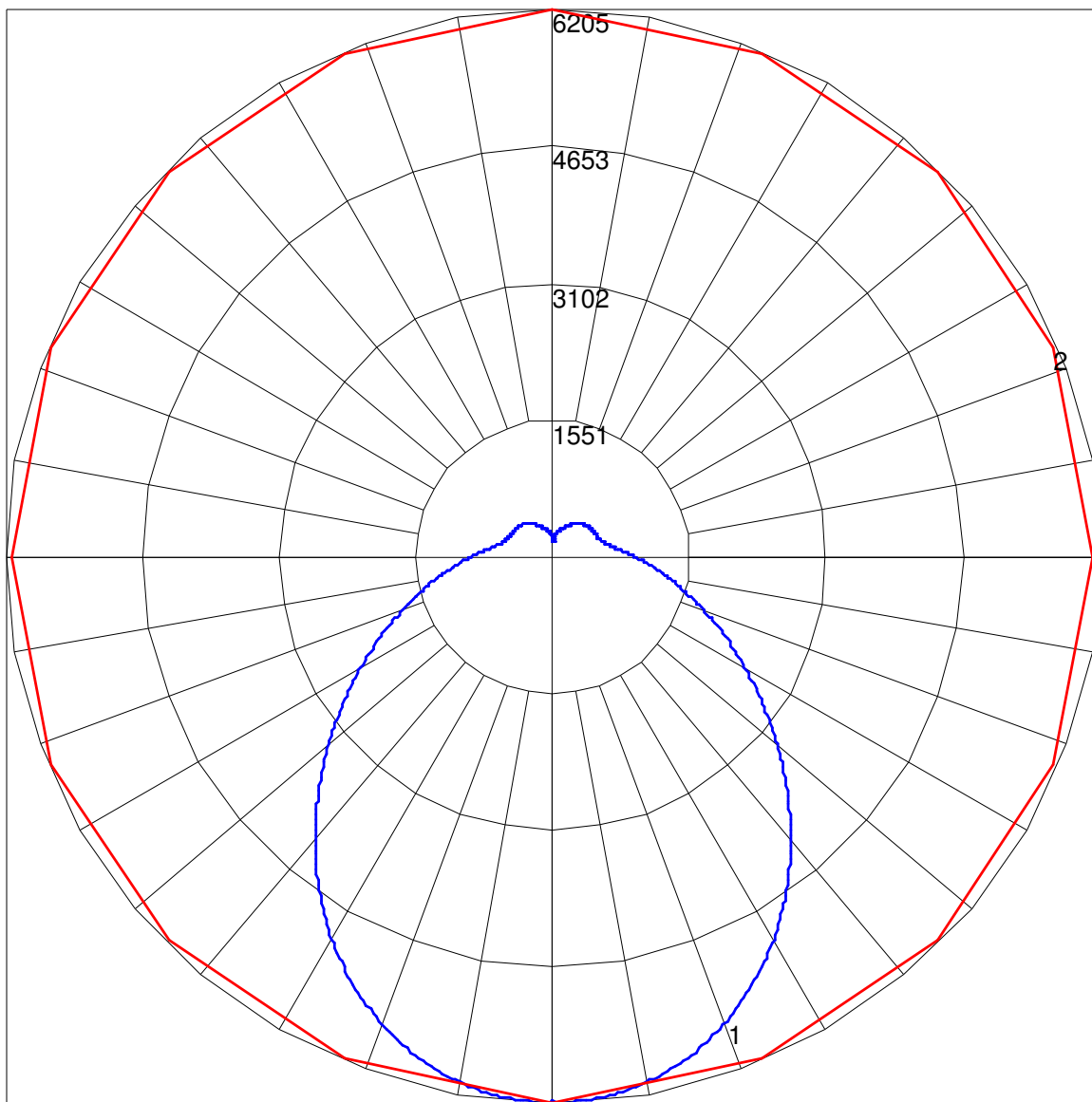
Reflectances

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					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	23.5	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 = 6204.626 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.)