

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L200-827-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-L200-827-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	18672
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	164
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	20653	18419	18116
55	17967	15804	15904
65	15218	13579	14174
75	12404	11925	13248
85	9742	11865	13998

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L200-827-HE-DIM-UNV_.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	6042.981	6042.981	6042.981	6042.981	6042.981
0.5	6014.323	6037.249	6041.071	6039.160	6079.281
1.0	6014.323	6039.160	6039.160	6037.249	6077.370
1.5	6008.592	6039.160	6037.249	6035.339	6079.281
2.0	6006.681	6033.428	6037.249	6033.428	6073.549
2.5	6006.681	6033.428	6031.518	6031.518	6069.728
3.0	6000.950	6027.697	6027.697	6027.697	6065.907
3.5	5997.129	6021.965	6021.965	6023.876	6062.086
4.0	5993.307	6018.144	6018.144	6016.234	6058.265
4.5	5983.755	6012.413	6014.323	6012.413	6052.534
5.0	5978.023	6006.681	6006.681	6006.681	6046.802
5.5	5970.381	5999.039	5999.039	6000.950	6039.160
6.0	5966.560	5989.486	5991.397	5991.397	6031.518
6.5	5953.187	5981.844	5983.755	5983.755	6021.965
7.0	5945.544	5972.292	5974.202	5972.292	6014.323
7.5	5937.902	5960.829	5964.650	5964.650	6004.771
8.0	5928.350	5953.187	5953.187	5953.187	5991.397
8.5	5918.797	5939.813	5943.634	5943.634	5979.934
9.0	5903.513	5930.260	5932.171	5930.260	5966.560
9.5	5893.960	5916.887	5916.887	5916.887	5958.918
10.0	5878.676	5901.602	5901.602	5905.423	5943.634
10.5	5865.302	5888.229	5890.139	5890.139	5930.260
11.0	5851.929	5874.855	5876.766	5874.855	5914.976
11.5	5834.734	5859.571	5863.392	5859.571	5901.602
12.0	5819.450	5842.376	5846.197	5846.197	5884.408
12.5	5804.166	5825.182	5830.913	5827.092	5869.124
13.0	5786.971	5809.897	5813.718	5811.808	5851.929
13.5	5769.776	5790.792	5794.613	5794.613	5836.645
14.0	5748.761	5771.687	5775.508	5775.508	5815.629
14.5	5731.566	5752.582	5756.403	5756.403	5800.345
15.0	5714.371	5733.476	5735.387	5735.387	5777.418
15.5	5693.356	5710.550	5716.282	5716.282	5754.492
16.0	5670.429	5689.534	5695.266	5695.266	5735.387
16.5	5651.324	5666.608	5672.340	5674.250	5714.371
17.0	5624.577	5641.771	5649.414	5651.324	5691.445
17.5	5601.650	5618.845	5626.487	5628.398	5668.519
18.0	5580.635	5595.919	5601.650	5607.382	5647.503
18.5	5555.798	5572.993	5578.724	5582.545	5622.666
19.0	5530.961	5544.335	5553.887	5557.708	5595.919
19.5	5502.303	5521.409	5529.051	5536.693	5571.082
20.0	5471.735	5492.751	5502.303	5508.035	5544.335
20.5	5441.167	5467.914	5475.556	5483.198	5519.498
21.0	5416.330	5437.346	5443.077	5458.361	5492.751
21.5	5387.672	5408.688	5418.240	5425.882	5464.093
22.0	5357.104	5381.940	5391.493	5399.135	5439.256
22.5	5330.356	5347.551	5360.925	5372.388	5410.598
23.0	5297.877	5316.983	5330.356	5341.819	5380.030
23.5	5263.488	5284.504	5301.699	5313.162	5351.372
24.0	5229.099	5252.025	5269.220	5282.593	5320.804
24.5	5200.441	5219.546	5238.651	5250.114	5286.414
25.0	5167.962	5187.067	5208.083	5219.546	5255.846
25.5	5131.662	5154.588	5171.783	5188.978	5219.546
26.0	5097.273	5118.288	5141.215	5156.499	5190.888
26.5	5060.973	5081.988	5108.736	5122.109	5158.409

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L200-827-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	5024.673	5043.778	5076.257	5093.452	5125.930
27.5	4982.641	5007.478	5039.957	5055.241	5093.452
28.0	4952.073	4971.178	5003.657	5020.852	5057.152
28.5	4911.952	4934.878	4967.357	4984.552	5020.852
29.0	4873.742	4896.668	4929.147	4950.162	4986.462
29.5	4833.621	4856.547	4890.936	4911.952	4948.252
30.0	4793.500	4818.336	4852.726	4879.473	4915.773
30.5	4751.468	4776.305	4816.426	4843.173	4877.563
31.0	4711.347	4736.184	4776.305	4804.963	4837.442
31.5	4669.316	4697.974	4738.095	4768.663	4803.052
32.0	4629.195	4654.032	4699.884	4728.542	4762.931
32.5	4585.253	4612.000	4659.763	4690.331	4724.721
33.0	4543.221	4571.879	4615.821	4652.121	4686.510
33.5	4503.100	4529.848	4577.611	4610.090	4646.389
34.0	4455.337	4485.906	4535.579	4571.879	4610.090
34.5	4411.395	4443.874	4495.458	4529.848	4568.058
35.0	4371.274	4398.022	4455.337	4491.637	4527.937
35.5	4319.690	4355.990	4411.395	4449.606	4485.906
36.0	4279.569	4310.138	4369.364	4407.574	4445.785
36.5	4229.896	4264.285	4325.422	4367.453	4407.574
37.0	4184.043	4220.343	4281.480	4323.511	4367.453
37.5	4136.280	4172.580	4239.448	4285.301	4323.511
38.0	4088.517	4126.727	4193.596	4241.359	4277.659
38.5	4038.843	4078.964	4149.654	4201.238	4235.627
39.0	3994.901	4031.201	4103.801	4157.296	4201.238
39.5	3945.228	3987.259	4059.859	4113.354	4155.385
40.0	3891.733	3937.586	4014.007	4073.233	4111.443
40.5	3842.060	3889.823	3970.065	4031.201	4069.412
41.0	3796.207	3842.060	3924.212	3987.259	4025.470
41.5	3746.534	3794.297	3878.360	3943.317	3983.438
42.0	3696.860	3746.534	3832.507	3901.286	3941.407
42.5	3649.097	3696.860	3784.744	3857.344	3897.465
43.0	3595.602	3649.097	3740.802	3815.312	3855.433
43.5	3549.750	3599.423	3693.039	3771.370	3813.402
44.0	3498.166	3549.750	3645.276	3729.339	3769.460
44.5	3450.403	3501.987	3597.513	3683.486	3725.518
45.0	3400.729	3452.313	3551.660	3643.365	3685.397
45.5	3351.056	3404.550	3505.808	3601.334	3643.365
46.0	3301.382	3354.877	3456.134	3555.481	3599.423
46.5	3251.708	3305.203	3414.103	3517.271	3557.392
47.0	3200.124	3257.440	3366.340	3471.418	3515.360
47.5	3150.451	3207.766	3318.577	3427.476	3471.418
48.0	3102.688	3158.093	3270.814	3387.355	3427.476
48.5	3049.193	3110.330	3226.872	3341.503	3385.445
49.0	3001.430	3058.746	3177.198	3297.561	3341.503
49.5	2951.756	3010.983	3131.346	3255.529	3299.471
50.0	2900.172	2961.309	3085.493	3209.677	3255.529
50.5	2852.409	2913.546	3037.730	3171.466	3215.408
51.0	2802.736	2863.872	2995.698	3127.524	3173.377
51.5	2754.973	2814.199	2947.935	3085.493	3131.346
52.0	2703.389	2766.436	2902.083	3041.551	3089.314
52.5	2653.715	2716.762	2858.141	2997.609	3049.193
53.0	2602.131	2668.999	2812.288	2959.399	3005.251
53.5	2552.457	2621.236	2768.346	2915.457	2965.130
54.0	2504.694	2573.473	2724.404	2873.425	2925.009
54.5	2458.842	2523.800	2680.462	2835.215	2884.888

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L200-827-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	2411.079	2477.947	2636.520	2791.273	2848.588
55.5	2370.958	2430.184	2592.578	2751.152	2804.646
56.0	2325.105	2388.152	2550.547	2711.031	2764.525
56.5	2277.342	2344.210	2506.605	2670.910	2726.315
57.0	2231.490	2300.268	2464.573	2630.789	2686.194
57.5	2183.727	2254.416	2428.273	2592.578	2642.252
58.0	2135.964	2208.563	2386.242	2550.547	2609.773
58.5	2090.111	2162.711	2344.210	2514.247	2571.563
59.0	2044.259	2116.858	2304.090	2481.768	2531.442
59.5	1998.406	2072.916	2267.790	2441.647	2500.873
60.0	1952.553	2027.064	2227.669	2403.437	2462.663
60.5	1907.656	1983.122	2187.548	2367.137	2424.452
61.0	1862.568	1939.180	2147.427	2330.837	2388.152
61.5	1817.862	1895.620	2107.306	2294.537	2353.763
62.0	1773.920	1852.442	2069.095	2260.148	2317.463
62.5	1730.551	1809.646	2028.974	2225.758	2283.074
63.0	1686.609	1767.042	1990.764	2189.458	2252.505
63.5	1643.049	1725.010	1954.464	2155.069	2218.116
64.0	1600.635	1683.552	1916.254	2118.769	2183.727
64.5	1558.413	1643.049	1879.954	2084.379	2149.337
65.0	1516.572	1602.355	1843.463	2049.990	2116.858
65.5	1475.305	1562.616	1807.354	2015.601	2082.469
66.0	1433.465	1522.877	1771.627	1981.211	2049.990
66.5	1392.579	1484.093	1736.091	1948.732	2017.511
67.0	1352.650	1445.692	1700.747	1914.343	1985.032
67.5	1312.529	1407.864	1666.166	1882.246	1952.553
68.0	1272.981	1370.991	1631.777	1849.767	1921.985
68.5	1234.006	1334.309	1598.152	1818.244	1890.079
69.0	1195.223	1298.009	1564.909	1786.529	1859.893
69.5	1157.012	1262.473	1532.048	1755.770	1829.898
70.0	1118.993	1227.510	1499.760	1725.583	1800.094
70.5	1081.929	1192.930	1467.472	1695.397	1770.672
71.0	1045.247	1158.732	1435.757	1665.593	1741.632
71.5	1008.947	1125.297	1404.807	1636.553	1712.974
72.0	973.411	1091.672	1373.856	1607.704	1685.080
72.5	937.684	1059.193	1343.670	1579.429	1657.378
73.0	902.913	1026.906	1313.675	1551.535	1629.484
73.5	869.096	995.000	1284.635	1523.832	1602.355
74.0	835.662	964.049	1255.213	1497.085	1575.034
74.5	802.801	932.908	1227.128	1470.529	1549.242
75.0	770.131	902.531	1199.235	1444.546	1524.214
75.5	738.035	872.917	1171.723	1418.754	1498.804
76.0	706.893	843.878	1144.976	1393.153	1473.968
76.5	675.943	815.220	1118.420	1368.125	1449.131
77.0	645.374	786.753	1092.245	1343.288	1425.058
77.5	615.379	759.050	1066.453	1319.215	1401.177
78.0	585.766	731.921	1041.426	1295.525	1377.677
78.5	556.726	705.174	1016.589	1271.643	1354.369
79.0	528.259	679.191	992.516	1248.526	1331.443
79.5	499.984	653.399	968.826	1225.982	1308.517
80.0	472.090	627.989	945.135	1203.629	1286.737
80.5	444.961	603.343	922.209	1181.085	1264.575
81.0	418.595	579.079	900.238	1159.305	1242.986
81.5	391.848	555.389	878.267	1137.716	1221.397
82.0	366.056	532.271	856.869	1116.891	1200.572
82.5	340.837	509.536	835.853	1096.066	1180.129

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L200-827-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	316.000	487.374	815.220	1076.006	1160.260
83.5	291.355	465.785	795.541	1055.563	1139.626
84.0	267.282	444.770	776.436	1036.267	1119.948
84.5	243.401	424.518	757.713	1017.162	1100.652
85.0	220.474	404.840	739.372	998.248	1081.355
85.5	197.548	386.116	721.413	979.907	1062.632
86.0	175.004	368.158	703.836	961.948	1044.100
86.5	152.651	351.345	687.215	943.989	1025.568
87.0	130.680	335.106	670.402	926.985	1007.418
87.5	108.709	320.012	654.545	909.791	990.032
88.0	86.929	305.301	638.879	893.169	972.456
88.5	64.958	291.546	623.785	876.739	955.452
89.0	44.897	278.554	609.457	860.881	938.639
89.5	28.467	266.518	595.510	845.597	922.209
90.0	17.004	255.819	582.709	831.077	907.116
90.5	12.036	246.457	570.864	816.557	891.067
91.0	12.800	237.860	558.828	801.846	875.783
91.5	15.284	229.645	546.791	787.899	860.499
92.0	18.150	222.767	535.328	773.761	845.597
92.5	21.207	216.844	525.585	760.197	830.886
93.0	24.264	211.686	515.459	747.396	816.748
93.5	27.512	207.674	505.906	734.787	803.374
94.0	30.950	204.235	496.927	722.942	790.383
94.5	34.198	201.751	488.520	710.905	777.009
95.0	37.446	199.841	480.687	699.060	764.209
95.5	40.503	198.503	473.427	687.788	751.599
96.0	42.987	197.930	467.123	676.898	739.181
96.5	45.470	197.930	460.818	666.772	727.718
97.0	47.763	198.121	455.086	657.029	716.255
97.5	50.247	198.885	449.737	647.667	705.747
98.0	52.348	199.650	444.961	638.496	695.048
98.5	54.832	200.605	440.948	629.708	685.113
99.0	57.316	201.751	436.745	621.493	675.370
99.5	59.990	203.088	433.115	613.660	665.817
100.0	62.283	204.426	430.250	606.400	657.220
100.5	64.958	205.954	427.384	599.331	648.431
101.0	67.250	207.483	425.282	592.644	640.598
101.5	69.543	209.011	423.181	586.339	632.574
102.0	71.645	210.540	421.652	580.417	625.505
102.5	73.746	212.068	420.124	574.876	618.436
103.0	75.848	213.787	418.977	569.336	612.131
103.5	78.140	215.507	418.022	564.559	605.635
104.0	80.624	217.035	417.067	560.165	599.713
104.5	83.108	218.755	416.494	555.962	594.172
105.0	85.400	220.474	415.921	552.141	588.823
105.5	87.502	222.003	415.347	548.129	584.238
106.0	89.986	223.913	415.156	544.690	579.652
106.5	92.278	225.633	415.156	541.442	575.067
107.0	94.571	227.543	415.156	538.385	571.246
107.5	96.672	229.072	415.156	536.092	567.234
108.0	99.347	230.982	415.156	533.418	563.222
108.5	101.831	232.893	415.347	531.507	560.547
109.0	104.315	234.421	415.730	529.024	557.872
109.5	106.989	236.141	415.921	527.304	555.007
110.0	109.664	237.860	416.303	525.394	552.714
110.5	112.339	239.579	416.685	523.674	550.612

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L200-827-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

111.0	115.013	241.299	416.876	522.146	548.320
111.5	117.688	242.827	417.067	520.999	546.409
112.0	120.554	244.547	417.449	519.853	544.117
112.5	123.420	246.266	417.831	518.516	542.015
113.0	126.477	247.986	418.404	517.560	541.060
113.5	129.342	249.514	418.404	516.605	539.722
114.0	132.399	251.043	418.786	515.841	538.385
114.5	135.265	252.762	419.169	514.886	537.239
115.0	138.322	254.099	419.551	514.313	536.284
115.5	141.379	255.819	419.551	513.739	535.328
116.0	144.244	257.347	420.124	512.975	534.182
116.5	146.919	258.876	420.506	512.211	533.800
117.0	149.976	260.595	420.888	512.211	532.845
117.5	152.842	261.933	421.270	511.447	532.271
118.0	155.325	263.270	421.652	511.065	531.507
118.5	158.191	264.607	421.843	510.491	531.316
119.0	160.675	265.945	422.225	509.918	530.170
119.5	163.350	266.900	422.607	509.345	529.979
120.0	165.833	267.855	422.416	508.963	529.024
120.5	168.317	269.001	422.607	508.199	528.832
121.0	170.801	269.766	422.990	507.626	528.068
121.5	173.475	270.721	422.799	506.861	527.686
122.0	175.959	271.867	422.799	506.479	527.113
122.5	178.443	273.014	422.990	505.715	525.776
123.0	180.926	274.160	422.799	504.951	525.585
123.5	183.219	275.115	422.416	504.378	524.438
124.0	185.130	275.879	422.416	503.805	524.247
124.5	187.040	276.644	422.416	502.849	523.483
125.0	188.951	277.599	422.034	501.894	522.719
125.5	190.861	278.172	421.652	501.321	521.764
126.0	192.581	278.936	421.461	500.175	520.999
126.5	194.109	279.891	421.079	499.410	520.426
127.0	195.829	280.274	420.697	498.455	519.662
127.5	197.166	280.847	420.124	497.500	518.325
128.0	198.885	280.847	419.933	496.354	517.560
128.5	200.223	281.229	419.169	495.398	516.796
129.0	201.560	281.611	418.404	494.443	515.841
129.5	202.706	282.184	417.067	492.915	514.695
130.0	203.662	282.566	415.730	491.959	513.548
130.5	204.617	282.948	414.201	490.813	512.211
131.0	205.190	283.521	412.673	489.094	510.874
131.5	205.954	284.095	411.144	487.565	509.536
132.0	206.718	284.668	409.425	486.610	508.390
132.5	207.101	284.859	407.514	484.699	506.670
133.0	207.674	285.050	406.750	482.980	504.569
133.5	207.865	284.859	405.604	481.643	503.614
134.0	208.056	284.477	404.840	480.114	502.276
134.5	208.629	283.713	403.884	478.395	499.793
135.0	209.202	283.139	402.738	476.102	497.882
135.5	209.011	281.611	401.783	474.574	496.354
136.0	209.393	281.420	400.445	472.663	494.443
136.5	209.775	280.847	399.490	470.562	492.533
137.0	209.966	279.891	397.962	468.842	490.431
137.5	210.157	278.936	396.624	466.549	488.520
138.0	210.540	278.363	394.714	464.639	486.228
138.5	210.540	277.599	392.230	462.537	484.508

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L200-827-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	210.348	277.026	389.364	460.054	481.834
139.5	210.348	276.261	385.925	457.379	479.923
140.0	210.348	275.306	382.104	454.895	477.248
140.5	210.348	274.733	378.665	451.838	474.383
141.0	210.348	274.351	374.844	448.591	472.090
141.5	210.348	273.587	371.023	445.725	469.797
142.0	210.157	273.205	367.393	442.095	467.314
142.5	209.966	272.631	363.572	438.847	464.448
143.0	209.775	272.058	359.942	435.790	461.582
143.5	209.775	271.294	355.739	432.542	458.907
144.0	209.775	270.339	352.109	430.058	455.851
144.5	210.348	269.575	348.479	427.193	453.176
145.0	211.113	268.810	344.467	424.709	450.119
145.5	212.450	267.855	340.837	422.225	447.062
146.0	214.170	267.091	337.398	419.551	444.196
146.5	215.889	266.327	334.532	416.685	440.948
147.0	217.608	265.372	331.285	413.819	437.701
147.5	219.137	264.989	328.801	410.953	434.453
148.0	220.856	264.225	326.126	407.705	431.014
148.5	222.385	264.034	324.025	404.649	427.575
149.0	224.295	264.034	321.732	401.592	424.518
149.5	225.633	264.607	319.630	398.344	420.697
150.0	227.161	264.989	317.529	395.287	416.685
150.5	228.498	265.180	315.236	391.848	412.482
151.0	229.454	265.754	312.179	388.409	407.514
151.5	230.409	265.945	308.931	384.779	402.929
152.0	231.555	266.327	305.875	380.958	398.344
152.5	232.702	266.709	303.009	376.946	393.376
153.0	233.466	266.900	299.952	372.361	389.364
153.5	234.421	267.473	296.704	367.584	384.779
154.0	235.185	267.282	293.838	362.235	380.958
154.5	236.141	267.473	291.355	357.077	377.137
155.0	236.523	267.855	288.871	351.154	374.271
155.5	237.287	268.046	286.387	345.613	371.214
156.0	237.860	268.046	284.668	339.691	368.540
156.5	238.815	268.046	282.948	333.768	365.101
157.0	239.197	268.428	281.229	328.419	361.853
157.5	239.771	268.428	280.083	323.260	358.223
158.0	240.535	268.237	279.509	317.911	354.784
158.5	240.726	268.237	278.745	313.517	350.772
159.0	241.681	267.664	278.172	309.314	347.333
159.5	242.445	267.282	277.217	305.301	343.512
160.0	243.401	266.900	276.261	302.054	339.691
160.5	244.547	266.709	275.497	298.997	336.061
161.0	245.311	266.136	275.306	295.749	332.431
161.5	246.457	265.945	274.924	292.501	329.756
162.0	247.413	265.563	275.497	289.826	327.463
162.5	248.368	265.563	275.879	286.960	324.789
163.0	249.514	265.372	276.070	283.904	322.496
163.5	250.469	265.372	276.453	280.656	319.630
164.0	250.852	265.372	276.835	276.644	316.956
164.5	251.425	264.989	276.453	273.587	313.517
165.0	251.998	264.989	275.879	270.530	310.078
165.5	252.571	264.798	275.306	268.428	306.448
166.0	253.144	264.607	274.924	266.136	300.907
166.5	253.717	264.607	274.351	264.225	298.232

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L200-827-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	254.482	264.607	273.778	262.506	296.131
167.5	254.864	264.607	272.631	260.977	294.029
168.0	255.437	264.607	271.676	259.449	292.310
168.5	256.583	263.843	270.339	258.112	290.208
169.0	257.156	264.034	269.384	256.774	288.107
169.5	258.112	263.461	267.855	255.246	285.814
170.0	258.494	263.270	266.518	253.335	283.713
170.5	259.067	262.888	264.798	251.234	281.420
171.0	259.449	262.506	262.888	248.941	278.554
171.5	260.022	262.506	261.168	246.839	276.261
172.0	260.977	262.124	260.213	244.738	272.823
172.5	261.550	262.124	259.067	242.445	269.001
173.0	262.315	261.742	258.112	240.344	262.506
173.5	263.270	261.933	257.729	238.242	252.762
174.0	264.034	261.933	257.538	236.523	240.726
174.5	264.607	261.933	257.156	234.803	226.397
175.0	265.754	262.506	256.965	233.466	210.157
175.5	266.136	262.697	256.774	232.893	193.154
176.0	266.900	263.079	256.774	232.319	182.073
176.5	267.091	263.270	256.583	232.319	174.240
177.0	267.855	263.652	256.201	231.746	166.215
177.5	268.046	263.652	255.628	231.555	164.496
178.0	268.810	264.034	255.437	231.364	164.878
178.5	269.193	264.225	255.628	230.982	165.260
179.0	269.575	264.225	255.437	230.409	165.451
179.5	269.957	264.225	255.246	230.218	165.642
180.0	242.063	242.063	242.063	242.063	242.063

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L200-827-HE-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2187.31	N.A.	11.70
0-30	4583.15	N.A.	24.50
0-40	7362.19	N.A.	39.40
0-60	12459.55	N.A.	66.70
0-80	15522.38	N.A.	83.10
0-90	16292.67	N.A.	87.30
10-90	15722.43	N.A.	84.20
20-40	5174.88	N.A.	27.70
20-50	7911.56	N.A.	42.40
40-70	6913.12	N.A.	37.00
60-80	3062.83	N.A.	16.40
70-80	1247.07	N.A.	6.70
80-90	770.29	N.A.	4.10
90-110	899.71	N.A.	4.80
90-120	1278.48	N.A.	6.80
90-130	1627.07	N.A.	8.70
90-150	2136.05	N.A.	11.40
90-180	2379.37	N.A.	12.70
110-180	1479.66	N.A.	7.90
0-180	18672.04	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	570.24
10-20	1617.07
20-30	2395.84
30-40	2779.04
40-50	2736.68
50-60	2360.68
60-70	1815.76
70-80	1247.07
80-90	770.29
90-100	493.53
100-110	406.18
110-120	378.77
120-130	348.60
130-140	292.94
140-150	216.04
150-160	141.25
160-170	77.82
170-180	24.24

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L200-827-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-L200-827-HE-DIM-UNV_.IES

UGR TABLE - CORRECTED

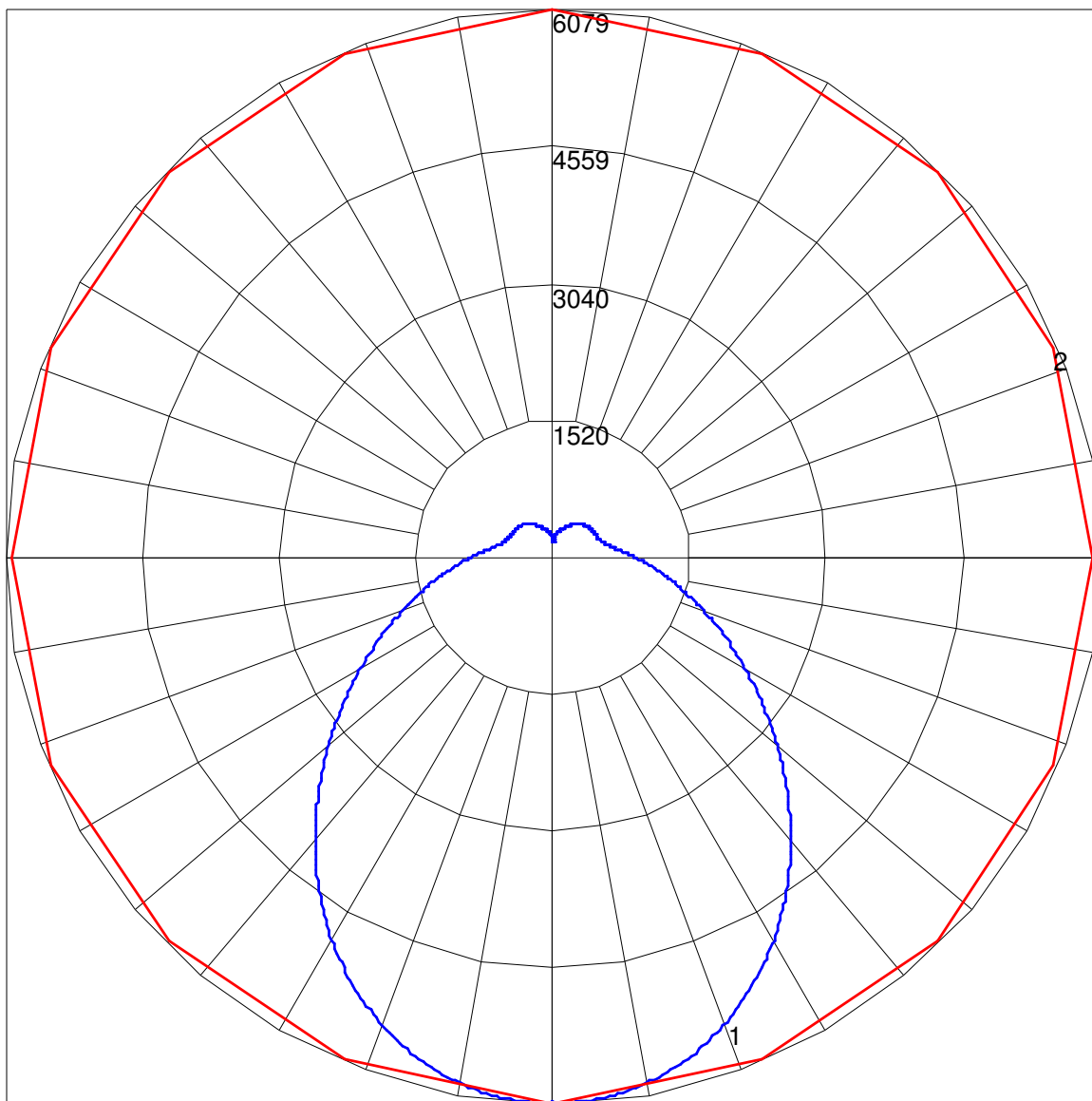
Reflectances

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	23.6	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 = 6079.281 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.)