

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L200-835-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-L200-835-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	19282
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	141
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	21327	19020	18708
55	18553	16320	16423
65	15715	14022	14637
75	12809	12314	13681
85	10060	12252	14455

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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	6240.235	6240.235	6240.235	6240.235	6240.235
0.5	6210.642	6234.317	6238.262	6236.290	6277.720
1.0	6210.642	6236.290	6236.290	6234.317	6275.747
1.5	6204.723	6236.290	6234.317	6232.344	6277.720
2.0	6202.750	6230.371	6234.317	6230.371	6271.801
2.5	6202.750	6230.371	6228.398	6228.398	6267.856
3.0	6196.832	6224.452	6224.452	6224.452	6263.910
3.5	6192.886	6218.534	6218.534	6220.506	6259.964
4.0	6188.940	6214.588	6214.588	6212.615	6256.018
4.5	6179.076	6208.669	6210.642	6208.669	6250.100
5.0	6173.157	6202.750	6202.750	6202.750	6244.181
5.5	6165.266	6194.859	6194.859	6196.832	6236.290
6.0	6161.320	6184.995	6186.967	6186.967	6228.398
6.5	6147.510	6177.103	6179.076	6179.076	6218.534
7.0	6139.618	6167.239	6169.211	6167.239	6210.642
7.5	6131.727	6155.401	6159.347	6159.347	6200.778
8.0	6121.862	6147.510	6147.510	6147.510	6186.967
8.5	6111.998	6133.700	6137.645	6137.645	6175.130
9.0	6096.215	6123.835	6125.808	6123.835	6161.320
9.5	6086.350	6110.025	6110.025	6110.025	6153.428
10.0	6070.567	6094.242	6094.242	6098.188	6137.645
10.5	6056.757	6080.432	6082.404	6082.404	6123.835
11.0	6042.947	6066.621	6068.594	6066.621	6108.052
11.5	6025.191	6050.838	6054.784	6050.838	6094.242
12.0	6009.408	6033.082	6037.028	6037.028	6076.486
12.5	5993.625	6015.326	6021.245	6017.299	6060.703
13.0	5975.869	5999.543	6003.489	6001.516	6042.947
13.5	5958.113	5979.814	5983.760	5983.760	6027.164
14.0	5936.411	5960.086	5964.031	5964.031	6005.462
14.5	5918.655	5940.357	5944.303	5944.303	5989.679
15.0	5900.899	5920.628	5922.601	5922.601	5966.004
15.5	5879.197	5896.953	5902.872	5902.872	5942.330
16.0	5855.523	5875.252	5881.170	5881.170	5922.601
16.5	5835.794	5851.577	5857.496	5859.468	5900.899
17.0	5808.173	5825.929	5833.821	5835.794	5877.224
17.5	5784.499	5802.255	5810.146	5812.119	5853.550
18.0	5762.797	5778.580	5784.499	5790.418	5831.848
18.5	5737.150	5754.906	5760.824	5764.770	5806.201
19.0	5711.502	5725.312	5735.177	5739.123	5778.580
19.5	5681.909	5701.638	5709.529	5717.421	5752.933
20.0	5650.343	5672.044	5681.909	5687.827	5725.312
20.5	5618.777	5646.397	5654.288	5662.180	5699.665
21.0	5593.129	5614.831	5620.749	5636.532	5672.044
21.5	5563.536	5585.237	5595.102	5602.993	5642.451
22.0	5531.970	5557.617	5567.482	5575.373	5616.804
22.5	5504.349	5522.105	5535.915	5547.753	5587.210
23.0	5470.810	5490.539	5504.349	5516.186	5555.644
23.5	5435.298	5457.000	5474.756	5486.593	5526.051
24.0	5399.786	5423.461	5441.217	5455.027	5494.485
24.5	5370.193	5389.922	5409.651	5421.488	5458.973
25.0	5336.654	5356.383	5378.085	5389.922	5427.407
25.5	5299.169	5322.844	5340.600	5358.356	5389.922
26.0	5263.657	5285.359	5309.034	5324.817	5360.329
26.5	5226.172	5247.874	5275.495	5289.305	5326.790

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CANDELA TABULATION - (Cont.)

27.0	5188.688	5208.416	5241.955	5259.711	5293.250
27.5	5145.284	5170.932	5204.471	5220.254	5259.711
28.0	5113.718	5133.447	5166.986	5184.742	5222.227
28.5	5072.287	5095.962	5129.501	5147.257	5184.742
29.0	5032.830	5056.504	5090.043	5111.745	5149.230
29.5	4991.399	5015.074	5050.586	5072.287	5109.772
30.0	4949.968	4975.616	5011.128	5038.748	5076.233
30.5	4906.565	4932.213	4973.643	5001.264	5036.775
31.0	4865.134	4890.782	4932.213	4961.806	4995.345
31.5	4821.731	4851.324	4892.755	4924.321	4959.833
32.0	4780.300	4805.948	4853.297	4882.890	4918.402
32.5	4734.924	4762.544	4811.867	4843.433	4878.945
33.0	4691.521	4721.114	4766.490	4803.975	4839.487
33.5	4650.090	4677.710	4727.032	4760.572	4798.056
34.0	4600.768	4632.334	4683.629	4721.114	4760.572
34.5	4555.391	4588.931	4642.198	4677.710	4717.168
35.0	4513.961	4541.581	4600.768	4638.253	4675.737
35.5	4460.693	4498.178	4555.391	4594.849	4632.334
36.0	4419.262	4450.829	4511.988	4551.446	4590.903
36.5	4367.967	4403.479	4466.612	4510.015	4551.446
37.0	4320.618	4358.103	4421.235	4464.639	4510.015
37.5	4271.296	4308.781	4377.832	4425.181	4464.639
38.0	4221.974	4261.432	4330.483	4379.805	4417.290
38.5	4170.679	4212.110	4285.106	4338.374	4373.886
39.0	4125.303	4162.787	4237.757	4292.998	4338.374
39.5	4074.008	4117.411	4192.381	4247.621	4291.025
40.0	4018.767	4066.116	4145.031	4206.191	4245.649
40.5	3967.472	4016.794	4099.655	4162.787	4202.245
41.0	3920.123	3967.472	4052.306	4117.411	4156.869
41.5	3868.828	3918.150	4004.957	4072.035	4113.465
42.0	3817.532	3868.828	3957.607	4028.631	4070.062
42.5	3768.210	3817.532	3908.285	3983.255	4024.685
43.0	3712.970	3768.210	3862.909	3939.851	3981.282
43.5	3665.620	3716.915	3813.587	3894.475	3937.878
44.0	3612.352	3665.620	3764.265	3851.072	3892.502
44.5	3563.030	3616.298	3714.942	3803.722	3847.126
45.0	3511.735	3565.003	3667.593	3762.292	3805.695
45.5	3460.440	3515.681	3620.244	3718.888	3762.292
46.0	3409.145	3464.386	3568.949	3671.539	3716.915
46.5	3357.850	3413.091	3525.546	3632.081	3673.512
47.0	3304.582	3363.769	3476.223	3584.732	3630.108
47.5	3253.287	3312.474	3426.901	3539.356	3584.732
48.0	3203.965	3261.179	3377.579	3497.925	3539.356
48.5	3148.724	3211.857	3332.203	3450.576	3495.952
49.0	3099.402	3158.589	3280.908	3405.200	3450.576
49.5	3048.107	3109.267	3233.559	3361.796	3407.172
50.0	2994.839	3057.972	3186.209	3314.447	3361.796
50.5	2945.517	3008.650	3136.887	3274.989	3320.365
51.0	2894.222	2957.355	3093.484	3229.613	3276.962
51.5	2844.900	2906.060	3044.162	3186.209	3233.559
52.0	2791.632	2856.737	2996.812	3140.833	3190.155
52.5	2740.337	2805.442	2951.436	3095.457	3148.724
53.0	2687.069	2756.120	2904.087	3055.999	3103.348
53.5	2635.774	2706.798	2858.710	3010.623	3061.918
54.0	2586.452	2657.476	2813.334	2967.219	3020.487
54.5	2539.103	2606.181	2767.958	2927.761	2979.056

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55.0	2489.781	2558.832	2722.581	2882.385	2941.572
55.5	2448.350	2509.510	2677.205	2840.954	2896.195
56.0	2401.001	2466.106	2633.801	2799.524	2854.765
56.5	2351.679	2420.730	2588.425	2758.093	2815.307
57.0	2304.330	2375.354	2545.022	2716.663	2773.876
57.5	2255.008	2328.004	2507.537	2677.205	2728.500
58.0	2205.685	2280.655	2464.133	2633.801	2694.961
58.5	2158.336	2233.306	2420.730	2596.317	2655.503
59.0	2110.987	2185.957	2379.299	2562.778	2614.073
59.5	2063.638	2140.580	2341.815	2521.347	2582.506
60.0	2016.288	2093.231	2300.384	2481.889	2543.049
60.5	1969.926	2047.855	2258.953	2444.405	2503.591
61.0	1923.366	2002.478	2217.523	2406.920	2466.106
61.5	1877.200	1957.497	2176.092	2369.435	2430.594
62.0	1831.824	1912.909	2136.634	2333.923	2393.110
62.5	1787.039	1868.717	2095.204	2298.411	2357.598
63.0	1741.663	1824.721	2055.746	2260.926	2326.031
63.5	1696.681	1781.318	2018.261	2225.414	2290.519
64.0	1652.883	1738.506	1978.804	2187.929	2255.008
64.5	1609.282	1696.681	1941.319	2152.418	2219.496
65.0	1566.076	1654.659	1903.637	2116.906	2185.957
65.5	1523.462	1613.623	1866.349	2081.394	2150.445
66.0	1480.256	1572.587	1829.456	2045.882	2116.906
66.5	1438.036	1532.537	1792.761	2012.343	2083.367
67.0	1396.803	1492.882	1756.262	1976.831	2049.828
67.5	1355.372	1453.819	1720.553	1943.686	2016.288
68.0	1314.533	1415.742	1685.041	1910.147	1984.722
68.5	1274.286	1377.863	1650.318	1877.595	1951.775
69.0	1234.237	1340.378	1615.990	1844.845	1920.604
69.5	1194.779	1303.682	1582.056	1813.081	1889.629
70.0	1155.519	1267.579	1548.715	1781.910	1858.852
70.5	1117.245	1231.869	1515.373	1750.738	1828.470
71.0	1079.365	1196.555	1482.623	1719.961	1798.482
71.5	1041.881	1162.029	1450.662	1689.973	1768.889
72.0	1005.185	1127.306	1418.702	1660.183	1740.085
72.5	968.292	1093.767	1387.530	1630.984	1711.478
73.0	932.385	1060.426	1356.556	1602.180	1682.674
73.5	897.465	1027.479	1326.568	1573.573	1654.659
74.0	862.940	995.518	1296.185	1545.953	1626.446
74.5	829.006	963.360	1267.184	1518.530	1599.812
75.0	795.270	931.991	1238.380	1491.698	1573.968
75.5	762.125	901.411	1209.970	1465.064	1547.728
76.0	729.967	871.423	1182.350	1438.628	1522.081
76.5	698.007	841.830	1154.927	1412.783	1496.433
77.0	666.441	812.434	1127.898	1387.135	1471.575
77.5	635.466	783.827	1101.264	1362.277	1446.914
78.0	604.887	755.812	1075.420	1337.813	1422.647
78.5	574.899	728.192	1049.772	1313.152	1398.578
79.0	545.503	701.361	1024.914	1289.280	1374.904
79.5	516.304	674.727	1000.450	1266.000	1351.229
80.0	487.500	648.487	975.986	1242.918	1328.738
80.5	459.485	623.037	952.312	1219.638	1305.853
81.0	432.259	597.981	929.623	1197.147	1283.559
81.5	404.639	573.518	906.935	1174.853	1261.265
82.0	378.005	549.646	884.839	1153.349	1239.761
82.5	351.963	526.168	863.137	1131.844	1218.651

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83.0	326.315	503.283	841.830	1111.129	1198.133
83.5	300.865	480.989	821.509	1090.019	1176.826
84.0	276.007	459.288	801.780	1070.093	1156.505
84.5	251.346	438.375	782.446	1050.364	1136.579
85.0	227.671	418.054	763.506	1030.832	1116.653
85.5	203.996	398.720	744.961	1011.893	1097.319
86.0	180.716	380.175	726.811	993.348	1078.182
86.5	157.634	362.814	709.647	974.802	1059.045
87.0	134.945	346.044	692.285	957.244	1040.302
87.5	112.257	330.458	675.910	939.488	1022.349
88.0	89.766	315.267	659.733	922.324	1004.198
88.5	67.078	301.062	644.147	905.357	986.640
89.0	46.363	287.647	629.350	888.982	969.278
89.5	29.396	275.217	614.948	873.199	952.312
90.0	17.559	264.169	601.730	858.205	936.726
90.5	12.429	254.502	589.498	843.211	920.154
91.0	13.218	245.624	577.069	828.020	904.370
91.5	15.783	237.141	564.640	813.618	888.587
92.0	18.742	230.038	552.802	799.018	873.199
92.5	21.899	223.922	542.741	785.011	858.008
93.0	25.056	218.596	532.284	771.793	843.408
93.5	28.410	214.453	522.420	758.772	829.598
94.0	31.961	210.901	513.147	746.540	816.183
94.5	35.315	208.337	504.467	734.111	802.372
95.0	38.669	206.364	496.378	721.879	789.154
95.5	41.825	204.983	488.881	710.239	776.133
96.0	44.390	204.391	482.370	698.993	763.309
96.5	46.955	204.391	475.860	688.537	751.472
97.0	49.322	204.588	469.941	678.475	739.635
97.5	51.887	205.377	464.417	668.808	728.784
98.0	54.057	206.166	459.485	659.338	717.736
98.5	56.622	207.153	455.342	650.263	707.477
99.0	59.187	208.337	451.002	641.779	697.415
99.5	61.949	209.718	447.253	633.691	687.550
100.0	64.316	211.099	444.294	626.194	678.672
100.5	67.078	212.677	441.334	618.894	669.597
101.0	69.446	214.255	439.164	611.989	661.508
101.5	71.813	215.834	436.994	605.478	653.222
102.0	73.983	217.412	435.416	599.362	645.923
102.5	76.153	218.990	433.837	593.641	638.623
103.0	78.324	220.766	432.654	587.920	632.112
103.5	80.691	222.541	431.667	582.988	625.405
104.0	83.256	224.120	430.681	578.450	619.289
104.5	85.820	225.895	430.089	574.110	613.567
105.0	88.188	227.671	429.497	570.164	608.043
105.5	90.358	229.249	428.905	566.021	603.308
106.0	92.923	231.222	428.708	562.470	598.573
106.5	95.290	232.998	428.708	559.116	593.838
107.0	97.658	234.971	428.708	555.959	589.893
107.5	99.828	236.549	428.708	553.592	585.750
108.0	102.590	238.522	428.708	550.829	581.607
108.5	105.155	240.495	428.905	548.857	578.844
109.0	107.720	242.073	429.300	546.292	576.082
109.5	110.482	243.849	429.497	544.516	573.123
110.0	113.244	245.624	429.892	542.543	570.756
110.5	116.006	247.400	430.286	540.768	568.585

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CANDELA TABULATION - (Cont.)

111.0	118.768	249.175	430.484	539.189	566.218
111.5	121.530	250.754	430.681	538.006	564.245
112.0	124.489	252.529	431.075	536.822	561.878
112.5	127.448	254.305	431.470	535.441	559.707
113.0	130.605	256.080	432.062	534.455	558.721
113.5	133.564	257.659	432.062	533.468	557.340
114.0	136.721	259.237	432.456	532.679	555.959
114.5	139.680	261.013	432.851	531.693	554.775
115.0	142.837	262.394	433.246	531.101	553.789
115.5	145.993	264.169	433.246	530.509	552.802
116.0	148.953	265.748	433.837	529.720	551.619
116.5	151.715	267.326	434.232	528.930	551.224
117.0	154.871	269.102	434.627	528.930	550.238
117.5	157.831	270.483	435.021	528.141	549.646
118.0	160.396	271.864	435.416	527.747	548.857
118.5	163.355	273.245	435.613	527.155	548.659
119.0	165.920	274.626	436.008	526.563	547.476
119.5	168.682	275.612	436.402	525.971	547.278
120.0	171.246	276.598	436.205	525.577	546.292
120.5	173.811	277.782	436.402	524.787	546.095
121.0	176.376	278.571	436.797	524.196	545.305
121.5	179.138	279.558	436.599	523.406	544.911
122.0	181.703	280.742	436.599	523.012	544.319
122.5	184.267	281.925	436.797	522.223	542.938
123.0	186.832	283.109	436.599	521.434	542.741
123.5	189.200	284.095	436.205	520.842	541.557
124.0	191.173	284.885	436.205	520.250	541.360
124.5	193.145	285.674	436.205	519.263	540.570
125.0	195.118	286.660	435.810	518.277	539.781
125.5	197.091	287.252	435.416	517.685	538.795
126.0	198.867	288.041	435.218	516.501	538.006
126.5	200.445	289.028	434.824	515.712	537.414
127.0	202.221	289.422	434.429	514.726	536.625
127.5	203.602	290.014	433.837	513.739	535.244
128.0	205.377	290.014	433.640	512.556	534.455
128.5	206.758	290.409	432.851	511.569	533.665
129.0	208.139	290.803	432.062	510.583	532.679
129.5	209.323	291.395	430.681	509.004	531.495
130.0	210.310	291.790	429.300	508.018	530.311
130.5	211.296	292.184	427.721	506.834	528.930
131.0	211.888	292.776	426.143	505.059	527.549
131.5	212.677	293.368	424.565	503.480	526.168
132.0	213.466	293.960	422.789	502.494	524.985
132.5	213.861	294.157	420.816	500.521	523.209
133.0	214.453	294.354	420.027	498.745	521.039
133.5	214.650	294.157	418.843	497.364	520.052
134.0	214.847	293.763	418.054	495.786	518.671
134.5	215.439	292.973	417.068	494.010	516.107
135.0	216.031	292.382	415.884	491.643	514.134
135.5	215.834	290.803	414.898	490.065	512.556
136.0	216.228	290.606	413.517	488.092	510.583
136.5	216.623	290.014	412.530	485.922	508.610
137.0	216.820	289.028	410.952	484.146	506.440
137.5	217.017	288.041	409.571	481.779	504.467
138.0	217.412	287.449	407.598	479.806	502.099
138.5	217.412	286.660	405.033	477.635	500.324

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	217.215	286.068	402.074	475.071	497.562
139.5	217.215	285.279	398.523	472.309	495.589
140.0	217.215	284.293	394.577	469.744	492.827
140.5	217.215	283.701	391.026	466.587	489.867
141.0	217.215	283.306	387.080	463.233	487.500
141.5	217.215	282.517	383.134	460.274	485.132
142.0	217.017	282.123	379.386	456.526	482.568
142.5	216.820	281.531	375.440	453.172	479.608
143.0	216.623	280.939	371.692	450.015	476.649
143.5	216.623	280.150	367.351	446.661	473.887
144.0	216.623	279.163	363.603	444.096	470.730
144.5	217.215	278.374	359.854	441.137	467.968
145.0	218.004	277.585	355.711	438.572	464.812
145.5	219.385	276.598	351.963	436.008	461.655
146.0	221.160	275.809	348.411	433.246	458.696
146.5	222.936	275.020	345.452	430.286	455.342
147.0	224.712	274.034	342.098	427.327	451.988
147.5	226.290	273.639	339.534	424.368	448.634
148.0	228.066	272.850	336.771	421.014	445.083
148.5	229.644	272.653	334.601	417.857	441.532
149.0	231.617	272.653	332.234	414.700	438.375
149.5	232.998	273.245	330.064	411.347	434.429
150.0	234.576	273.639	327.893	408.190	430.286
150.5	235.957	273.836	325.526	404.639	425.946
151.0	236.943	274.428	322.369	401.088	420.816
151.5	237.930	274.626	319.016	397.339	416.081
152.0	239.114	275.020	315.859	393.393	411.347
152.5	240.297	275.415	312.900	389.250	406.217
153.0	241.087	275.612	309.743	384.515	402.074
153.5	242.073	276.204	306.389	379.583	397.339
154.0	242.862	276.007	303.430	374.059	393.393
154.5	243.849	276.204	300.865	368.732	389.448
155.0	244.243	276.598	298.300	362.616	386.488
155.5	245.032	276.796	295.735	356.895	383.332
156.0	245.624	276.796	293.960	350.779	380.570
156.5	246.611	276.796	292.184	344.663	377.018
157.0	247.005	277.190	290.409	339.139	373.664
157.5	247.597	277.190	289.225	333.812	369.916
158.0	248.386	276.993	288.633	328.288	366.365
158.5	248.584	276.993	287.844	323.750	362.222
159.0	249.570	276.401	287.252	319.410	358.670
159.5	250.359	276.007	286.266	315.267	354.725
160.0	251.346	275.612	285.279	311.913	350.779
160.5	252.529	275.415	284.490	308.757	347.030
161.0	253.318	274.823	284.293	305.403	343.282
161.5	254.502	274.626	283.898	302.049	340.520
162.0	255.489	274.231	284.490	299.287	338.152
162.5	256.475	274.231	284.885	296.327	335.390
163.0	257.659	274.034	285.082	293.171	333.023
163.5	258.645	274.034	285.476	289.817	330.064
164.0	259.040	274.034	285.871	285.674	327.302
164.5	259.632	273.639	285.476	282.517	323.750
165.0	260.224	273.639	284.885	279.361	320.199
165.5	260.815	273.442	284.293	277.190	316.451
166.0	261.407	273.245	283.898	274.823	310.729
166.5	261.999	273.245	283.306	272.850	307.967

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	262.788	273.245	282.714	271.074	305.797
167.5	263.183	273.245	281.531	269.496	303.627
168.0	263.775	273.245	280.544	267.918	301.851
168.5	264.958	272.455	279.163	266.537	299.681
169.0	265.550	272.653	278.177	265.156	297.511
169.5	266.537	272.061	276.598	263.577	295.144
170.0	266.931	271.864	275.217	261.605	292.973
170.5	267.523	271.469	273.442	259.434	290.606
171.0	267.918	271.074	271.469	257.067	287.647
171.5	268.510	271.074	269.693	254.897	285.279
172.0	269.496	270.680	268.707	252.727	281.728
172.5	270.088	270.680	267.523	250.359	277.782
173.0	270.877	270.285	266.537	248.189	271.074
173.5	271.864	270.483	266.142	246.019	261.013
174.0	272.653	270.483	265.945	244.243	248.584
174.5	273.245	270.483	265.550	242.468	233.787
175.0	274.428	271.074	265.353	241.087	217.017
175.5	274.823	271.272	265.156	240.495	199.459
176.0	275.612	271.666	265.156	239.903	188.016
176.5	275.809	271.864	264.958	239.903	179.927
177.0	276.598	272.258	264.564	239.311	171.641
177.5	276.796	272.258	263.972	239.114	169.865
178.0	277.585	272.653	263.775	238.916	170.260
178.5	277.979	272.850	263.972	238.522	170.655
179.0	278.374	272.850	263.775	237.930	170.852
179.5	278.769	272.850	263.577	237.733	171.049
180.0	249.965	249.965	249.965	249.965	249.965

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L200-835-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2258.71	N.A.	11.70
0-30	4732.75	N.A.	24.50
0-40	7602.51	N.A.	39.40
0-60	12866.26	N.A.	66.70
0-80	16029.06	N.A.	83.10
0-90	16824.5	N.A.	87.30
10-90	16235.64	N.A.	84.20
20-40	5343.8	N.A.	27.70
20-50	8169.81	N.A.	42.40
40-70	7138.77	N.A.	37.00
60-80	3162.8	N.A.	16.40
70-80	1287.78	N.A.	6.70
80-90	795.44	N.A.	4.10
90-110	929.08	N.A.	4.80
90-120	1320.21	N.A.	6.80
90-130	1680.18	N.A.	8.70
90-150	2205.77	N.A.	11.40
90-180	2457.03	N.A.	12.70
110-180	1527.96	N.A.	7.90
0-180	19281.53	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	588.85
10-20	1669.85
20-30	2474.04
30-40	2869.76
40-50	2826.01
50-60	2437.74
60-70	1875.02
70-80	1287.78
80-90	795.44
90-100	509.64
100-110	419.44
110-120	391.13
120-130	359.98
130-140	302.50
140-150	223.09
150-160	145.86
160-170	80.36
170-180	25.03

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L200-835-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-L200-835-DIM-UNV_.IES

UGR TABLE - CORRECTED

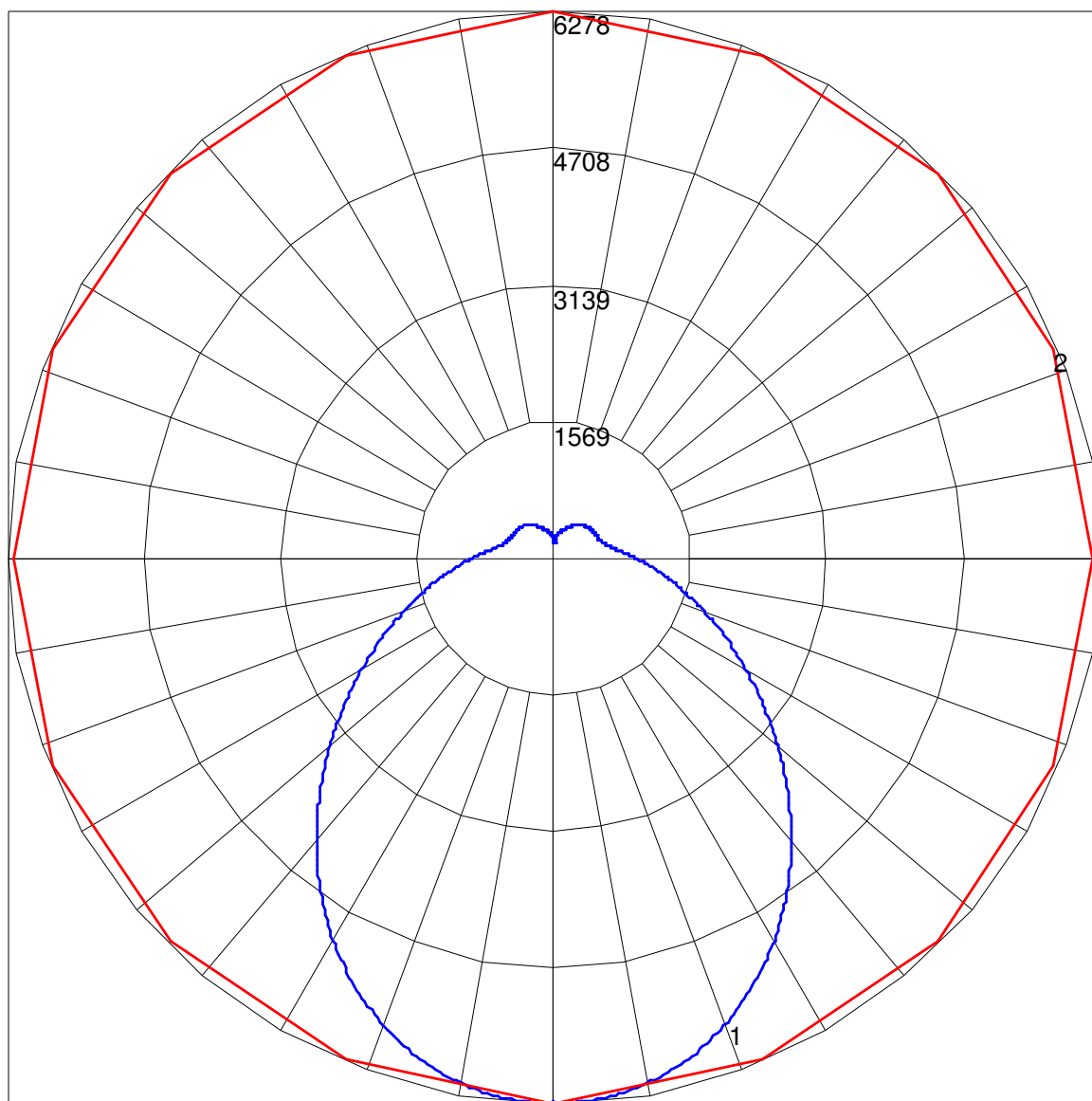
Reflectances

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	19.7	21.1	20.2	21.6	22.2	21.4	22.8	22.0	23.3	23.9
	3H	21.1	22.3	21.6	22.9	23.5	23.6	24.9	24.2	25.4	26.1
	4H	21.5	22.7	22.1	23.2	23.9	24.7	25.9	25.3	26.4	27.1
	6H	21.8	22.9	22.4	23.5	24.2	25.8	26.9	26.4	27.5	28.2
	8H	21.9	22.9	22.5	23.5	24.2	26.5	27.5	27.1	28.1	28.8
	12H	21.9	22.9	22.5	23.5	24.2	27.2	28.1	27.8	28.8	29.5
4H	2H	20.4	21.6	21.0	22.2	22.9	21.8	23.0	22.4	23.6	24.2
	3H	22.0	23.0	22.6	23.7	24.3	24.3	25.2	24.9	25.9	26.6
	4H	22.6	23.5	23.2	24.1	24.9	25.5	26.4	26.1	27.0	27.8
	6H	23.0	23.8	23.7	24.5	25.2	26.9	27.6	27.5	28.3	29.0
	8H	23.1	23.9	23.8	24.5	25.3	27.6	28.3	28.2	29.0	29.7
	12H	23.2	23.9	23.9	24.6	25.3	28.4	29.1	29.1	29.8	30.5
8H	4H	23.2	23.9	23.8	24.6	25.3	25.7	26.4	26.4	27.1	27.9
	6H	23.8	24.4	24.4	25.1	25.8	27.2	27.9	27.9	28.6	29.3
	8H	24.0	24.5	24.7	25.2	26.0	28.1	28.7	28.8	29.4	30.1
	12H	24.1	24.6	24.8	25.3	26.1	29.1	29.6	29.8	30.3	31.1
12H	4H	23.4	24.0	24.0	24.7	25.5	25.7	26.4	26.4	27.1	27.8
	6H	24.0	24.6	24.7	25.3	26.1	27.3	27.8	28.0	28.5	29.3
	8H	24.3	24.8	25.0	25.5	26.3	28.2	28.7	28.9	29.4	30.2

Maximum UGR = 31.1

POLAR GRAPH



Maximum Candela = 6277.72 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.)