

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L200-835-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-L200-835-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	19250
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	169
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	21292	18989	18677
55	18523	16293	16396
65	15689	13999	14612
75	12788	12294	13658
85	10043	12232	14431

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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	6229.876	6229.876	6229.876	6229.876	6229.876
0.5	6200.332	6223.968	6227.907	6225.937	6267.299
1.0	6200.332	6225.937	6225.937	6223.968	6265.329
1.5	6194.423	6225.937	6223.968	6221.998	6267.299
2.0	6192.454	6220.028	6223.968	6220.028	6261.390
2.5	6192.454	6220.028	6218.059	6218.059	6257.451
3.0	6186.545	6214.119	6214.119	6214.119	6253.512
3.5	6182.606	6208.211	6208.211	6210.180	6249.572
4.0	6178.666	6204.271	6204.271	6202.302	6245.633
4.5	6168.818	6198.363	6200.332	6198.363	6239.724
5.0	6162.910	6192.454	6192.454	6192.454	6233.816
5.5	6155.031	6184.575	6184.575	6186.545	6225.937
6.0	6151.092	6174.727	6176.697	6176.697	6218.059
6.5	6137.305	6166.849	6168.818	6168.818	6208.211
7.0	6129.426	6157.001	6158.970	6157.001	6200.332
7.5	6121.548	6145.183	6149.122	6149.122	6190.484
8.0	6111.700	6137.305	6137.305	6137.305	6176.697
8.5	6101.852	6123.517	6127.457	6127.457	6164.879
9.0	6086.095	6113.669	6115.639	6113.669	6151.092
9.5	6076.247	6099.882	6099.882	6099.882	6143.214
10.0	6060.490	6084.125	6084.125	6088.064	6127.457
10.5	6046.703	6070.338	6072.308	6072.308	6113.669
11.0	6032.915	6056.551	6058.520	6056.551	6097.912
11.5	6015.189	6040.794	6044.733	6040.794	6084.125
12.0	5999.432	6023.067	6027.007	6027.007	6066.399
12.5	5983.675	6005.341	6011.250	6007.310	6050.642
13.0	5965.949	5989.584	5993.523	5991.554	6032.915
13.5	5948.222	5969.888	5973.827	5973.827	6017.158
14.0	5926.556	5950.192	5954.131	5954.131	5995.493
14.5	5908.830	5930.496	5934.435	5934.435	5979.736
15.0	5891.103	5910.800	5912.769	5912.769	5956.101
15.5	5869.438	5887.164	5893.073	5893.073	5932.465
16.0	5845.802	5865.499	5871.407	5871.407	5912.769
16.5	5826.106	5841.863	5847.772	5849.742	5891.103
17.0	5798.532	5816.258	5824.137	5826.106	5867.468
17.5	5774.896	5792.623	5800.501	5802.471	5843.833
18.0	5753.231	5768.988	5774.896	5780.805	5822.167
18.5	5727.626	5745.352	5751.261	5755.200	5796.562
19.0	5702.021	5715.808	5725.656	5729.595	5768.988
19.5	5672.477	5692.173	5700.051	5707.930	5743.383
20.0	5640.963	5662.629	5672.477	5678.386	5715.808
20.5	5609.449	5637.024	5644.902	5652.781	5690.203
21.0	5583.844	5605.510	5611.419	5627.176	5662.629
21.5	5554.300	5575.966	5585.814	5593.692	5633.085
22.0	5522.786	5548.391	5558.239	5566.118	5607.480
22.5	5495.212	5512.938	5526.726	5538.543	5577.935
23.0	5461.728	5481.425	5495.212	5507.029	5546.422
23.5	5426.275	5447.941	5465.668	5477.485	5516.878
24.0	5390.823	5414.458	5432.184	5445.972	5485.364
24.5	5361.278	5380.974	5400.671	5412.488	5449.911
25.0	5327.795	5347.491	5369.157	5380.974	5418.397
25.5	5290.372	5314.008	5331.734	5349.461	5380.974
26.0	5254.919	5276.585	5300.220	5315.977	5351.430
26.5	5217.497	5239.163	5266.737	5280.524	5317.947

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**CANDELA TABULATION - (Cont.)**

27.0	5180.074	5199.770	5233.254	5250.980	5284.464
27.5	5136.743	5162.348	5195.831	5211.588	5250.980
28.0	5105.229	5124.925	5158.409	5176.135	5213.558
28.5	5063.867	5087.503	5120.986	5138.712	5176.135
29.0	5024.475	5048.110	5081.594	5103.259	5140.682
29.5	4983.113	5006.749	5042.202	5063.867	5101.290
30.0	4941.751	4967.356	5002.809	5030.384	5067.806
30.5	4898.420	4924.025	4965.387	4992.961	5028.414
31.0	4857.058	4882.663	4924.025	4953.569	4987.052
31.5	4813.727	4843.271	4884.633	4916.146	4951.599
32.0	4772.365	4797.970	4845.241	4874.785	4910.238
32.5	4727.064	4754.638	4803.879	4835.392	4870.845
33.0	4683.733	4713.277	4758.578	4796.000	4831.453
33.5	4642.371	4669.945	4719.186	4752.669	4790.091
34.0	4593.130	4624.644	4675.854	4713.277	4752.669
34.5	4547.829	4581.313	4634.492	4669.945	4709.337
35.0	4506.468	4534.042	4593.130	4630.553	4667.976
35.5	4453.288	4490.711	4547.829	4587.222	4624.644
36.0	4411.926	4443.440	4504.498	4543.890	4583.282
36.5	4360.716	4396.169	4459.197	4502.528	4543.890
37.0	4313.446	4350.868	4413.896	4457.227	4502.528
37.5	4264.206	4301.628	4370.565	4417.835	4457.227
38.0	4214.965	4254.358	4323.294	4372.534	4409.957
38.5	4163.755	4205.117	4277.993	4331.172	4366.625
39.0	4118.454	4155.877	4230.722	4285.871	4331.172
39.5	4067.245	4110.576	4185.421	4240.570	4283.902
40.0	4012.096	4059.366	4138.151	4199.208	4238.601
40.5	3960.886	4010.126	4092.850	4155.877	4195.269
41.0	3913.615	3960.886	4045.579	4110.576	4149.968
41.5	3862.405	3911.645	3998.308	4065.275	4106.637
42.0	3811.195	3862.405	3951.038	4021.944	4063.305
42.5	3761.955	3811.195	3901.797	3976.643	4018.004
43.0	3706.806	3761.955	3856.496	3933.311	3974.673
43.5	3659.535	3710.745	3807.256	3888.010	3931.342
44.0	3606.356	3659.535	3758.016	3844.679	3886.040
44.5	3557.116	3610.295	3708.776	3797.408	3840.739
45.0	3505.906	3559.085	3661.505	3756.046	3799.378
45.5	3454.696	3509.845	3614.234	3712.715	3756.046
46.0	3403.486	3458.635	3563.024	3665.444	3710.745
46.5	3352.276	3407.425	3519.693	3626.052	3667.414
47.0	3299.097	3358.185	3470.453	3578.781	3624.082
47.5	3247.887	3306.975	3421.213	3533.480	3578.781
48.0	3198.647	3255.765	3371.972	3492.118	3533.480
48.5	3143.498	3206.525	3326.671	3444.848	3490.149
49.0	3094.257	3153.346	3275.461	3399.547	3444.848
49.5	3043.047	3104.105	3228.191	3356.215	3401.516
50.0	2989.868	3052.895	3180.920	3308.945	3356.215
50.5	2940.628	3003.655	3131.680	3269.553	3314.854
51.0	2889.418	2952.445	3088.348	3224.252	3271.522
51.5	2840.178	2901.235	3039.108	3180.920	3228.191
52.0	2786.998	2851.995	2991.838	3135.619	3184.859
52.5	2735.788	2800.785	2946.537	3090.318	3143.498
53.0	2682.609	2751.545	2899.266	3050.926	3098.196
53.5	2631.399	2702.305	2853.965	3005.625	3056.835
54.0	2582.159	2653.065	2808.664	2962.293	3015.473
54.5	2534.888	2601.855	2763.363	2922.901	2974.111

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**CANDELA TABULATION - (Cont.)**

55.0	2485.648	2554.584	2718.062	2877.600	2936.688
55.5	2444.286	2505.344	2672.761	2836.238	2891.387
56.0	2397.015	2462.012	2629.429	2794.877	2850.026
56.5	2347.775	2416.711	2584.128	2753.515	2810.633
57.0	2300.504	2371.410	2540.797	2712.153	2769.272
57.5	2251.264	2324.140	2503.374	2672.761	2723.971
58.0	2202.024	2276.869	2460.043	2629.429	2690.487
58.5	2154.753	2229.598	2416.711	2592.007	2651.095
59.0	2107.483	2182.328	2375.350	2558.523	2609.733
59.5	2060.212	2137.027	2337.927	2517.162	2578.219
60.0	2012.941	2089.756	2296.565	2477.769	2538.827
60.5	1966.656	2044.455	2255.203	2440.347	2499.435
61.0	1920.173	1999.154	2213.842	2402.924	2462.012
61.5	1874.084	1954.247	2172.480	2365.502	2426.559
62.0	1828.783	1909.734	2133.088	2330.049	2389.137
62.5	1784.073	1865.615	2091.726	2294.596	2353.684
63.0	1738.772	1821.692	2052.334	2257.173	2322.170
63.5	1693.865	1778.361	2014.911	2221.720	2286.717
64.0	1650.139	1735.620	1975.519	2184.297	2251.264
64.5	1606.611	1693.865	1938.096	2148.844	2215.811
65.0	1563.476	1651.912	1900.477	2113.392	2182.328
65.5	1520.933	1610.944	1863.251	2077.939	2146.875
66.0	1477.798	1569.976	1826.419	2042.486	2113.392
66.5	1435.649	1529.993	1789.785	2009.002	2079.908
67.0	1394.484	1490.404	1753.347	1973.549	2046.425
67.5	1353.122	1451.406	1717.697	1940.460	2012.941
68.0	1312.351	1413.392	1682.244	1906.976	1981.428
68.5	1272.171	1375.576	1647.579	1874.478	1948.535
69.0	1232.188	1338.153	1613.308	1841.782	1917.415
69.5	1192.796	1301.518	1579.430	1810.072	1886.492
70.0	1153.601	1265.474	1546.144	1778.952	1855.767
70.5	1115.390	1229.824	1512.857	1747.832	1825.435
71.0	1077.574	1194.568	1480.162	1717.106	1795.496
71.5	1040.151	1160.100	1448.254	1687.168	1765.952
72.0	1003.516	1125.435	1416.347	1657.427	1737.196
72.5	966.685	1091.952	1385.227	1628.277	1708.637
73.0	930.838	1058.665	1354.304	1599.520	1679.880
73.5	895.976	1025.773	1324.366	1570.961	1651.912
74.0	861.507	993.865	1294.034	1543.386	1623.746
74.5	827.630	961.761	1265.080	1516.009	1597.157
75.0	793.950	930.444	1236.324	1489.222	1571.355
75.5	760.860	899.915	1207.962	1462.632	1545.159
76.0	728.756	869.977	1180.387	1436.240	1519.554
76.5	696.848	840.433	1153.010	1410.438	1493.949
77.0	665.334	811.085	1126.026	1384.833	1469.132
77.5	634.411	782.526	1099.436	1360.016	1444.512
78.0	603.882	754.558	1073.634	1335.593	1420.286
78.5	573.944	726.983	1048.029	1310.972	1396.257
79.0	544.597	700.196	1023.212	1287.140	1372.621
79.5	515.447	673.607	998.789	1263.899	1348.986
80.0	486.691	647.411	974.366	1240.854	1326.532
80.5	458.722	622.003	950.731	1217.613	1303.685
81.0	431.542	596.989	928.080	1195.159	1281.428
81.5	403.967	572.566	905.430	1172.903	1259.172
82.0	377.377	548.733	883.370	1151.434	1237.703
82.5	351.378	525.295	861.704	1129.965	1216.628

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**CANDELA TABULATION - (Cont.)**

83.0	325.773	502.448	840.433	1109.284	1196.144
83.5	300.366	480.191	820.146	1088.210	1174.872
84.0	275.548	458.525	800.449	1068.316	1154.585
84.5	250.928	437.647	781.147	1048.620	1134.692
85.0	227.293	417.360	762.239	1029.121	1114.799
85.5	203.658	398.058	743.725	1010.213	1095.497
86.0	180.416	379.544	725.604	991.699	1076.392
86.5	157.372	362.211	708.469	973.184	1057.287
87.0	134.721	345.470	691.136	955.655	1038.575
87.5	112.071	329.910	674.788	937.928	1020.652
88.0	89.617	314.744	658.638	920.793	1002.531
88.5	66.967	300.562	643.078	903.854	985.002
89.0	46.286	287.169	628.306	887.506	967.669
89.5	29.347	274.761	613.927	871.749	950.731
90.0	17.530	263.731	600.731	856.780	935.171
90.5	12.409	254.080	588.519	841.811	918.626
91.0	13.196	245.216	576.111	826.645	902.869
91.5	15.757	236.747	563.702	812.267	887.112
92.0	18.711	229.657	551.885	797.692	871.749
92.5	21.863	223.551	541.840	783.708	856.583
93.0	25.014	218.233	531.401	770.511	842.008
93.5	28.362	214.097	521.553	757.512	828.221
94.0	31.908	210.551	512.296	745.300	814.828
94.5	35.256	207.991	503.629	732.892	801.040
95.0	38.604	206.021	495.554	720.680	787.844
95.5	41.756	204.642	488.069	709.060	774.845
96.0	44.316	204.052	481.570	697.833	762.042
96.5	46.877	204.052	475.070	687.394	750.224
97.0	49.240	204.249	469.161	677.349	738.407
97.5	51.801	205.036	463.646	667.698	727.574
98.0	53.967	205.824	458.722	658.244	716.544
98.5	56.528	206.809	454.586	649.183	706.302
99.0	59.088	207.991	450.253	640.714	696.257
99.5	61.846	209.370	446.511	632.639	686.409
100.0	64.209	210.748	443.556	625.154	677.546
100.5	66.967	212.324	440.602	617.867	668.486
101.0	69.330	213.900	438.435	610.973	660.410
101.5	71.694	215.475	436.269	604.473	652.138
102.0	73.860	217.051	434.693	598.368	644.850
102.5	76.027	218.627	433.117	592.656	637.563
103.0	78.194	220.399	431.935	586.944	631.063
103.5	80.557	222.172	430.951	582.020	624.366
104.0	83.118	223.748	429.966	577.490	618.261
104.5	85.678	225.520	429.375	573.157	612.549
105.0	88.042	227.293	428.784	569.217	607.034
105.5	90.208	228.869	428.193	565.081	602.307
106.0	92.769	230.838	427.996	561.536	597.580
106.5	95.132	232.611	427.996	558.187	592.853
107.0	97.496	234.581	427.996	555.036	588.913
107.5	99.662	236.156	427.996	552.673	584.777
108.0	102.420	238.126	427.996	549.915	580.641
108.5	104.980	240.095	428.193	547.945	577.884
109.0	107.541	241.671	428.587	545.385	575.126
109.5	110.298	243.444	428.784	543.612	572.172
110.0	113.056	245.216	429.178	541.643	569.808
110.5	115.813	246.989	429.572	539.870	567.642

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**CANDELA TABULATION - (Cont.)**

111.0	118.571	248.762	429.769	538.294	565.278
111.5	121.328	250.337	429.966	537.113	563.308
112.0	124.282	252.110	430.360	535.931	560.945
112.5	127.237	253.883	430.754	534.552	558.778
113.0	130.388	255.655	431.345	533.567	557.794
113.5	133.343	257.231	431.345	532.583	556.415
114.0	136.494	258.807	431.739	531.795	555.036
114.5	139.448	260.579	432.132	530.810	553.854
115.0	142.600	261.958	432.526	530.219	552.870
115.5	145.751	263.731	432.526	529.628	551.885
116.0	148.706	265.306	433.117	528.840	550.703
116.5	151.463	266.882	433.511	528.052	550.309
117.0	154.614	268.655	433.905	528.052	549.324
117.5	157.569	270.034	434.299	527.265	548.733
118.0	160.129	271.412	434.693	526.871	547.945
118.5	163.084	272.791	434.890	526.280	547.749
119.0	165.644	274.170	435.284	525.689	546.567
119.5	168.402	275.155	435.678	525.098	546.370
120.0	170.962	276.139	435.481	524.704	545.385
120.5	173.523	277.321	435.678	523.916	545.188
121.0	176.083	278.109	436.072	523.325	544.400
121.5	178.841	279.094	435.875	522.538	544.006
122.0	181.401	280.275	435.875	522.144	543.415
122.5	183.962	281.457	436.072	521.356	542.037
123.0	186.522	282.639	435.875	520.568	541.840
123.5	188.886	283.624	435.481	519.977	540.658
124.0	190.855	284.412	435.481	519.386	540.461
124.5	192.825	285.200	435.481	518.401	539.673
125.0	194.794	286.184	435.087	517.417	538.885
125.5	196.764	286.775	434.693	516.826	537.900
126.0	198.537	287.563	434.496	515.644	537.113
126.5	200.112	288.548	434.102	514.856	536.522
127.0	201.885	288.942	433.708	513.871	535.734
127.5	203.264	289.533	433.117	512.886	534.355
128.0	205.036	289.533	432.920	511.705	533.567
128.5	206.415	289.927	432.132	510.720	532.779
129.0	207.794	290.321	431.345	509.735	531.795
129.5	208.976	290.911	429.966	508.159	530.613
130.0	209.960	291.305	428.587	507.175	529.431
130.5	210.945	291.699	427.011	505.993	528.052
131.0	211.536	292.290	425.436	504.220	526.674
131.5	212.324	292.881	423.860	502.644	525.295
132.0	213.112	293.472	422.087	501.660	524.113
132.5	213.506	293.669	420.118	499.690	522.341
133.0	214.097	293.866	419.330	497.917	520.174
133.5	214.294	293.669	418.148	496.539	519.189
134.0	214.491	293.275	417.360	494.963	517.810
134.5	215.081	292.487	416.376	493.190	515.250
135.0	215.672	291.896	415.194	490.827	513.280
135.5	215.475	290.321	414.209	489.251	511.705
136.0	215.869	290.124	412.830	487.282	509.735
136.5	216.263	289.533	411.845	485.115	507.765
137.0	216.460	288.548	410.270	483.342	505.599
137.5	216.657	287.563	408.891	480.979	503.629
138.0	217.051	286.972	406.921	479.009	501.266
138.5	217.051	286.184	404.361	476.843	499.493

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L200-835-HE-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

139.0	216.854	285.593	401.407	474.282	496.736
139.5	216.854	284.806	397.861	471.525	494.766
140.0	216.854	283.821	393.922	468.964	492.009
140.5	216.854	283.230	390.377	465.813	489.054
141.0	216.854	282.836	386.437	462.464	486.691
141.5	216.854	282.048	382.498	459.510	484.327
142.0	216.657	281.654	378.756	455.768	481.767
142.5	216.460	281.063	374.817	452.419	478.812
143.0	216.263	280.472	371.075	449.268	475.858
143.5	216.263	279.685	366.741	445.920	473.100
144.0	216.263	278.700	362.999	443.359	469.949
144.5	216.854	277.912	359.257	440.405	467.191
145.0	217.642	277.124	355.121	437.844	464.040
145.5	219.021	276.139	351.378	435.284	460.889
146.0	220.793	275.351	347.833	432.526	457.934
146.5	222.566	274.564	344.879	429.572	454.586
147.0	224.339	273.579	341.530	426.618	451.238
147.5	225.914	273.185	338.970	423.663	447.889
148.0	227.687	272.397	336.212	420.315	444.344
148.5	229.263	272.200	334.046	417.163	440.799
149.0	231.232	272.200	331.682	414.012	437.647
149.5	232.611	272.791	329.516	410.664	433.708
150.0	234.187	273.185	327.349	407.512	429.572
150.5	235.565	273.382	324.986	403.967	425.239
151.0	236.550	273.973	321.834	400.422	420.118
151.5	237.535	274.170	318.486	396.679	415.391
152.0	238.717	274.564	315.335	392.740	410.664
152.5	239.898	274.958	312.380	388.604	405.543
153.0	240.686	275.155	309.229	383.877	401.407
153.5	241.671	275.745	305.880	378.953	396.679
154.0	242.459	275.548	302.926	373.438	392.740
154.5	243.444	275.745	300.366	368.120	388.801
155.0	243.838	276.139	297.805	362.014	385.847
155.5	244.626	276.336	295.245	356.302	382.695
156.0	245.216	276.336	293.472	350.197	379.938
156.5	246.201	276.336	291.699	344.091	376.392
157.0	246.595	276.730	289.927	338.576	373.044
157.5	247.186	276.730	288.745	333.258	369.302
158.0	247.974	276.533	288.154	327.743	365.757
158.5	248.171	276.533	287.366	323.213	361.620
159.0	249.156	275.942	286.775	318.880	358.075
159.5	249.944	275.548	285.790	314.744	354.136
160.0	250.928	275.155	284.806	311.395	350.197
160.5	252.110	274.958	284.018	308.244	346.454
161.0	252.898	274.367	283.821	304.896	342.712
161.5	254.080	274.170	283.427	301.547	339.955
162.0	255.064	273.776	284.018	298.790	337.591
162.5	256.049	273.776	284.412	295.835	334.834
163.0	257.231	273.579	284.609	292.684	332.470
163.5	258.216	273.579	285.003	289.336	329.516
164.0	258.610	273.579	285.396	285.200	326.758
164.5	259.201	273.185	285.003	282.048	323.213
165.0	259.792	273.185	284.412	278.897	319.668
165.5	260.382	272.988	283.821	276.730	315.925
166.0	260.973	272.791	283.427	274.367	310.214
166.5	261.564	272.791	282.836	272.397	307.456

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L200-835-HE-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

167.0	262.352	272.791	282.245	270.624	305.290
167.5	262.746	272.791	281.063	269.049	303.123
168.0	263.337	272.791	280.079	267.473	301.350
168.5	264.519	272.003	278.700	266.094	299.184
169.0	265.110	272.200	277.715	264.716	297.017
169.5	266.094	271.609	276.139	263.140	294.654
170.0	266.488	271.412	274.761	261.170	292.487
170.5	267.079	271.018	272.988	259.004	290.124
171.0	267.473	270.624	271.018	256.640	287.169
171.5	268.064	270.624	269.246	254.474	284.806
172.0	269.049	270.230	268.261	252.307	281.260
172.5	269.640	270.230	267.079	249.944	277.321
173.0	270.427	269.837	266.094	247.777	270.624
173.5	271.412	270.034	265.700	245.610	260.579
174.0	272.200	270.034	265.503	243.838	248.171
174.5	272.791	270.034	265.110	242.065	233.399
175.0	273.973	270.624	264.913	240.686	216.657
175.5	274.367	270.821	264.716	240.095	199.128
176.0	275.155	271.215	264.716	239.505	187.704
176.5	275.351	271.412	264.519	239.505	179.628
177.0	276.139	271.806	264.125	238.914	171.356
177.5	276.336	271.806	263.534	238.717	169.583
178.0	277.124	272.200	263.337	238.520	169.977
178.5	277.518	272.397	263.534	238.126	170.371
179.0	277.912	272.397	263.337	237.535	170.568
179.5	278.306	272.397	263.140	237.338	170.765
180.0	249.550	249.550	249.550	249.550	249.550



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L200-835-HE-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	2254.96	N.A.	11.70
0-30	4724.89	N.A.	24.50
0-40	7589.89	N.A.	39.40
0-60	12844.9	N.A.	66.70
0-80	16002.45	N.A.	83.10
0-90	16796.57	N.A.	87.30
10-90	16208.69	N.A.	84.20
20-40	5334.93	N.A.	27.70
20-50	8156.25	N.A.	42.40
40-70	7126.92	N.A.	37.00
60-80	3157.55	N.A.	16.40
70-80	1285.64	N.A.	6.70
80-90	794.12	N.A.	4.10
90-110	927.53	N.A.	4.80
90-120	1318.02	N.A.	6.80
90-130	1677.4	N.A.	8.70
90-150	2202.11	N.A.	11.40
90-180	2452.95	N.A.	12.70
110-180	1525.42	N.A.	7.90
0-180	19249.52	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	587.88
10-20	1667.08
20-30	2469.94
30-40	2864.99
40-50	2821.32
50-60	2433.7
60-70	1871.91
70-80	1285.64
80-90	794.12
90-100	508.79
100-110	418.74
110-120	390.48
120-130	359.38
130-140	302.00
140-150	222.72
150-160	145.62
160-170	80.23
170-180	24.99

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L200-835-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

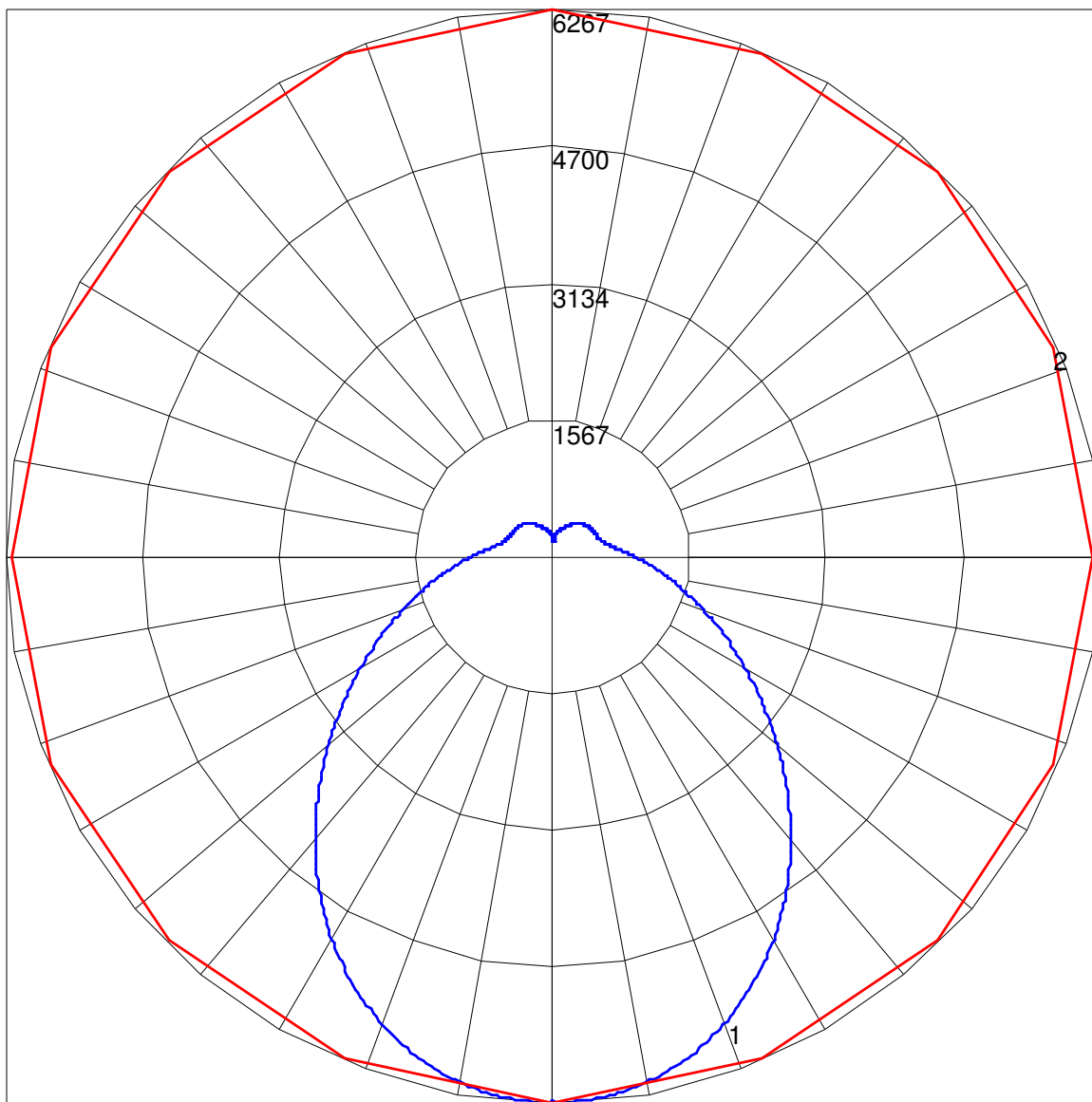
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L200-835-HE-DIM-UNV\_.IES**

**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	19.7	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 = 6267.299 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.)