

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L60-835-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-L60-835-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	5520
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	156
Total Luminaire Watts	35.3
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	6106	5445	5356
55	5312	4672	4702
65	4499	4014	4190
75	3667	3525	3917
85	2880	3508	4138

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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	1786.530	1786.530	1786.530	1786.530	1786.530
0.5	1778.058	1784.836	1785.965	1785.401	1797.262
1.0	1778.058	1785.401	1785.401	1784.836	1796.697
1.5	1776.363	1785.401	1784.836	1784.271	1797.262
2.0	1775.799	1783.706	1784.836	1783.706	1795.567
2.5	1775.799	1783.706	1783.141	1783.141	1794.438
3.0	1774.104	1782.012	1782.012	1782.012	1793.308
3.5	1772.974	1780.317	1780.317	1780.882	1792.178
4.0	1771.845	1779.187	1779.187	1778.623	1791.049
4.5	1769.021	1777.493	1778.058	1777.493	1789.354
5.0	1767.326	1775.799	1775.799	1775.799	1787.660
5.5	1765.067	1773.539	1773.539	1774.104	1785.401
6.0	1763.937	1770.715	1771.280	1771.280	1783.141
6.5	1759.984	1768.456	1769.021	1769.021	1780.317
7.0	1757.724	1765.632	1766.197	1765.632	1778.058
7.5	1755.465	1762.243	1763.372	1763.372	1775.234
8.0	1752.641	1759.984	1759.984	1759.984	1771.280
8.5	1749.817	1756.030	1757.159	1757.159	1767.891
9.0	1745.298	1753.206	1753.771	1753.206	1763.937
9.5	1742.474	1749.252	1749.252	1749.252	1761.678
10.0	1737.956	1744.733	1744.733	1745.863	1757.159
10.5	1734.002	1740.780	1741.344	1741.344	1753.206
11.0	1730.048	1736.826	1737.391	1736.826	1748.687
11.5	1724.965	1732.307	1733.437	1732.307	1744.733
12.0	1720.446	1727.224	1728.354	1728.354	1739.650
12.5	1715.927	1722.141	1723.835	1722.705	1735.131
13.0	1710.844	1717.622	1718.752	1718.187	1730.048
13.5	1705.761	1711.974	1713.103	1713.103	1725.529
14.0	1699.548	1706.326	1707.455	1707.455	1719.316
14.5	1694.464	1700.677	1701.807	1701.807	1714.798
15.0	1689.381	1695.029	1695.594	1695.594	1708.020
15.5	1683.168	1688.251	1689.946	1689.946	1701.242
16.0	1676.390	1682.038	1683.733	1683.733	1695.594
16.5	1670.742	1675.260	1676.955	1677.520	1689.381
17.0	1662.834	1667.918	1670.177	1670.742	1682.603
17.5	1656.056	1661.140	1663.399	1663.964	1675.825
18.0	1649.843	1654.362	1656.056	1657.751	1669.612
18.5	1642.501	1647.584	1649.279	1650.408	1662.269
19.0	1635.158	1639.112	1641.936	1643.066	1654.362
19.5	1626.686	1632.334	1634.593	1636.852	1647.019
20.0	1617.649	1623.862	1626.686	1628.380	1639.112
20.5	1608.611	1616.519	1618.778	1621.037	1631.769
21.0	1601.269	1607.482	1609.176	1613.695	1623.862
21.5	1592.796	1599.009	1601.834	1604.093	1615.389
22.0	1583.759	1591.102	1593.926	1596.185	1608.047
22.5	1575.852	1580.935	1584.889	1588.278	1599.574
23.0	1566.250	1571.898	1575.852	1579.241	1590.537
23.5	1556.083	1562.296	1567.379	1570.768	1582.065
24.0	1545.916	1552.694	1557.777	1561.731	1573.028
24.5	1537.444	1543.092	1548.740	1552.129	1562.861
25.0	1527.842	1533.490	1539.703	1543.092	1553.824
25.5	1517.110	1523.888	1528.972	1534.055	1543.092
26.0	1506.944	1513.157	1519.934	1524.453	1534.620
26.5	1496.212	1502.425	1510.332	1514.286	1525.018

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CANDELA TABULATION - (Cont.)

27.0	1485.480	1491.129	1500.731	1505.814	1515.416
27.5	1473.054	1480.397	1489.999	1494.517	1505.814
28.0	1464.017	1469.665	1479.267	1484.351	1495.082
28.5	1452.156	1458.934	1468.536	1473.619	1484.351
29.0	1440.859	1447.637	1457.239	1463.452	1474.184
29.5	1428.998	1435.776	1445.943	1452.156	1462.887
30.0	1417.137	1424.480	1434.646	1442.554	1453.286
30.5	1404.711	1412.054	1423.915	1431.822	1441.989
31.0	1392.850	1400.192	1412.054	1420.526	1430.128
31.5	1380.424	1388.896	1400.757	1409.794	1419.961
32.0	1368.562	1375.905	1389.461	1397.933	1408.100
32.5	1355.571	1363.479	1377.599	1386.637	1396.803
33.0	1343.145	1351.618	1364.609	1375.340	1385.507
33.5	1331.284	1339.192	1353.312	1362.914	1373.646
34.0	1317.164	1326.201	1340.886	1351.618	1362.914
34.5	1304.173	1313.775	1329.025	1339.192	1350.488
35.0	1292.311	1300.219	1317.164	1327.895	1338.627
35.5	1277.061	1287.793	1304.173	1315.469	1326.201
36.0	1265.200	1274.237	1291.747	1303.043	1314.339
36.5	1250.515	1260.681	1278.756	1291.182	1303.043
37.0	1236.959	1247.691	1265.765	1278.191	1291.182
37.5	1222.838	1233.570	1253.339	1266.894	1278.191
38.0	1208.718	1220.014	1239.783	1253.904	1264.635
38.5	1194.032	1205.894	1226.792	1242.042	1252.209
39.0	1181.042	1191.773	1213.236	1229.051	1242.042
39.5	1166.356	1178.782	1200.246	1216.061	1228.487
40.0	1150.541	1164.097	1186.690	1204.199	1215.496
40.5	1135.856	1149.976	1173.699	1191.773	1203.070
41.0	1122.300	1135.856	1160.143	1178.782	1190.079
41.5	1107.615	1121.735	1146.587	1165.791	1177.653
42.0	1092.929	1107.615	1133.032	1153.365	1165.227
42.5	1078.809	1092.929	1118.911	1140.374	1152.236
43.0	1062.994	1078.809	1105.920	1127.948	1139.810
43.5	1049.438	1064.124	1091.800	1114.957	1127.384
44.0	1034.188	1049.438	1077.679	1102.531	1114.393
44.5	1020.067	1035.318	1063.559	1088.976	1101.402
45.0	1005.382	1020.632	1050.003	1077.114	1089.541
45.5	990.697	1006.512	1036.447	1064.688	1077.114
46.0	976.011	991.826	1021.762	1051.133	1064.124
46.5	961.326	977.141	1009.336	1039.836	1051.697
47.0	946.076	963.021	995.215	1026.281	1039.271
47.5	931.391	948.335	981.095	1013.290	1026.281
48.0	917.270	933.650	966.974	1001.428	1013.290
48.5	901.455	919.529	953.983	987.873	1000.864
49.0	887.334	904.279	939.298	974.882	987.873
49.5	872.649	890.159	925.742	962.456	975.447
50.0	857.399	875.473	912.187	948.900	962.456
50.5	843.278	861.353	898.066	937.604	950.594
51.0	828.593	846.667	885.640	924.613	938.168
51.5	814.472	831.982	871.519	912.187	925.742
52.0	799.222	817.861	857.964	899.196	913.316
52.5	784.537	803.176	844.973	886.205	901.455
53.0	769.287	789.056	831.417	874.908	888.464
53.5	754.601	774.935	818.426	861.917	876.603
54.0	740.481	760.814	805.435	849.491	864.742
54.5	726.925	746.129	792.444	838.195	852.880

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55.0	712.805	732.573	779.454	825.204	842.149
55.5	700.943	718.453	766.463	813.343	829.158
56.0	687.388	706.027	754.037	801.482	817.297
56.5	673.267	693.036	741.046	789.620	806.000
57.0	659.711	680.045	728.620	777.759	794.139
57.5	645.591	666.489	717.888	766.463	781.148
58.0	631.470	652.934	705.462	754.037	771.546
58.5	617.915	639.378	693.036	743.305	760.250
59.0	604.359	625.822	681.175	733.703	748.388
59.5	590.803	612.831	670.443	721.842	739.351
60.0	577.247	599.276	658.582	710.545	728.055
60.5	563.974	586.285	646.721	699.814	716.758
61.0	550.644	573.294	634.859	689.082	706.027
61.5	537.428	560.416	622.998	678.351	695.860
62.0	524.437	547.651	611.702	668.184	685.128
62.5	511.615	534.999	599.840	658.017	674.962
63.0	498.624	522.403	588.544	647.285	665.924
63.5	485.746	509.977	577.812	637.119	655.758
64.0	473.207	497.721	566.516	626.387	645.591
64.5	460.725	485.746	555.784	616.220	635.424
65.0	448.355	473.716	544.996	606.053	625.822
65.5	436.155	461.967	534.321	595.887	615.655
66.0	423.786	450.219	523.759	585.720	606.053
66.5	411.698	438.753	513.253	576.118	596.451
67.0	399.894	427.400	502.804	565.951	586.849
67.5	388.032	416.217	492.581	556.462	577.247
68.0	376.341	405.316	482.414	546.860	568.210
68.5	364.818	394.471	472.473	537.541	558.778
69.0	353.352	383.740	462.645	528.165	549.854
69.5	342.056	373.234	452.930	519.071	540.986
70.0	330.816	362.898	443.385	510.147	532.175
70.5	319.858	352.674	433.839	501.223	523.476
71.0	309.014	342.564	424.463	492.411	514.891
71.5	298.282	332.680	415.313	483.826	506.419
72.0	287.777	322.739	406.163	475.297	498.172
72.5	277.214	313.137	397.239	466.938	489.983
73.0	266.935	303.592	388.371	458.691	481.736
73.5	256.937	294.159	379.786	450.502	473.716
74.0	247.053	285.009	371.088	442.594	465.639
74.5	237.338	275.802	362.785	434.743	458.014
75.0	227.680	266.822	354.538	427.061	450.615
75.5	218.191	258.067	346.405	419.436	443.102
76.0	208.984	249.482	338.497	411.868	435.760
76.5	199.834	241.009	330.646	404.469	428.417
77.0	190.797	232.593	322.908	397.126	421.300
77.5	181.929	224.404	315.283	390.009	414.240
78.0	173.174	216.383	307.884	383.005	407.293
78.5	164.589	208.476	300.541	375.945	400.402
79.0	156.173	200.794	293.425	369.111	393.624
79.5	147.814	193.169	286.421	362.446	386.846
80.0	139.567	185.657	279.417	355.837	380.407
80.5	131.547	178.371	272.639	349.173	373.855
81.0	123.752	171.197	266.144	342.734	367.473
81.5	115.845	164.194	259.648	336.351	361.090
82.0	108.220	157.359	253.322	330.195	354.934
82.5	100.764	150.638	247.109	324.038	348.890

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CANDELA TABULATION - (Cont.)

83.0	93.421	144.086	241.009	318.107	343.016
83.5	86.135	137.703	235.192	312.064	336.916
84.0	79.019	131.490	229.543	306.359	331.098
84.5	71.958	125.503	224.008	300.711	325.394
85.0	65.180	119.686	218.586	295.119	319.689
85.5	58.403	114.150	213.277	289.697	314.154
86.0	51.738	108.841	208.080	284.388	308.675
86.5	45.129	103.871	203.166	279.078	303.196
87.0	38.634	99.070	198.196	274.051	297.830
87.5	32.138	94.608	193.508	268.968	292.690
88.0	25.699	90.258	188.876	264.054	287.494
88.5	19.204	86.192	184.414	259.197	282.467
89.0	13.273	82.351	180.178	254.509	277.497
89.5	8.416	78.793	176.055	249.990	272.639
90.0	5.027	75.630	172.271	245.697	268.177
90.5	3.558	72.862	168.769	241.405	263.433
91.0	3.784	70.320	165.210	237.056	258.914
91.5	4.519	67.892	161.652	232.932	254.396
92.0	5.366	65.858	158.263	228.753	249.990
92.5	6.270	64.107	155.382	224.742	245.641
93.0	7.173	62.582	152.389	220.958	241.461
93.5	8.133	61.396	149.565	217.230	237.507
94.0	9.150	60.379	146.910	213.728	233.667
94.5	10.110	59.645	144.425	210.170	229.713
95.0	11.070	59.080	142.109	206.668	225.929
95.5	11.974	58.685	139.963	203.336	222.201
96.0	12.708	58.515	138.099	200.116	218.529
96.5	13.443	58.515	136.235	197.123	215.140
97.0	14.121	58.572	134.540	194.242	211.752
97.5	14.855	58.798	132.959	191.474	208.645
98.0	15.476	59.024	131.547	188.763	205.482
98.5	16.210	59.306	130.361	186.165	202.545
99.0	16.945	59.645	129.118	183.736	199.664
99.5	17.735	60.041	128.045	181.421	196.840
100.0	18.413	60.436	127.198	179.274	194.299
100.5	19.204	60.888	126.351	177.184	191.700
101.0	19.882	61.340	125.729	175.208	189.385
101.5	20.559	61.791	125.108	173.344	187.012
102.0	21.181	62.243	124.656	171.593	184.923
102.5	21.802	62.695	124.204	169.955	182.833
103.0	22.423	63.204	123.865	168.317	180.969
103.5	23.101	63.712	123.583	166.905	179.048
104.0	23.835	64.164	123.301	165.606	177.297
104.5	24.570	64.672	123.131	164.363	175.659
105.0	25.248	65.180	122.962	163.233	174.078
105.5	25.869	65.632	122.792	162.047	172.722
106.0	26.603	66.197	122.736	161.031	171.367
106.5	27.281	66.705	122.736	160.070	170.011
107.0	27.959	67.270	122.736	159.167	168.882
107.5	28.580	67.722	122.736	158.489	167.695
108.0	29.371	68.287	122.736	157.698	166.509
108.5	30.105	68.852	122.792	157.133	165.719
109.0	30.839	69.304	122.905	156.399	164.928
109.5	31.630	69.812	122.962	155.891	164.081
110.0	32.421	70.320	123.075	155.326	163.403
110.5	33.211	70.829	123.188	154.818	162.782

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CANDELA TABULATION - (Cont.)

111.0	34.002	71.337	123.244	154.366	162.104
111.5	34.793	71.789	123.301	154.027	161.539
112.0	35.640	72.297	123.413	153.688	160.861
112.5	36.487	72.805	123.526	153.293	160.240
113.0	37.391	73.314	123.696	153.010	159.957
113.5	38.238	73.766	123.696	152.728	159.562
114.0	39.142	74.218	123.809	152.502	159.167
114.5	39.989	74.726	123.922	152.219	158.828
115.0	40.893	75.121	124.035	152.050	158.545
115.5	41.797	75.630	124.035	151.880	158.263
116.0	42.644	76.081	124.204	151.655	157.924
116.5	43.435	76.533	124.317	151.429	157.811
117.0	44.338	77.042	124.430	151.429	157.529
117.5	45.186	77.437	124.543	151.203	157.359
118.0	45.920	77.832	124.656	151.090	157.133
118.5	46.767	78.228	124.713	150.920	157.077
119.0	47.501	78.623	124.826	150.751	156.738
119.5	48.292	78.906	124.938	150.581	156.681
120.0	49.026	79.188	124.882	150.468	156.399
120.5	49.761	79.527	124.938	150.242	156.343
121.0	50.495	79.753	125.051	150.073	156.117
121.5	51.286	80.035	124.995	149.847	156.004
122.0	52.020	80.374	124.995	149.734	155.834
122.5	52.754	80.713	125.051	149.508	155.439
123.0	53.489	81.052	124.995	149.282	155.382
123.5	54.166	81.334	124.882	149.113	155.043
124.0	54.731	81.560	124.882	148.943	154.987
124.5	55.296	81.786	124.882	148.661	154.761
125.0	55.861	82.069	124.769	148.379	154.535
125.5	56.426	82.238	124.656	148.209	154.253
126.0	56.934	82.464	124.600	147.870	154.027
126.5	57.386	82.746	124.487	147.644	153.857
127.0	57.894	82.859	124.374	147.362	153.631
127.5	58.290	83.029	124.204	147.079	153.236
128.0	58.798	83.029	124.148	146.741	153.010
128.5	59.193	83.142	123.922	146.458	152.784
129.0	59.589	83.255	123.696	146.176	152.502
129.5	59.928	83.424	123.301	145.724	152.163
130.0	60.210	83.537	122.905	145.442	151.824
130.5	60.492	83.650	122.453	145.103	151.429
131.0	60.662	83.819	122.001	144.594	151.033
131.5	60.888	83.989	121.550	144.142	150.638
132.0	61.114	84.158	121.041	143.860	150.299
132.5	61.227	84.215	120.476	143.295	149.791
133.0	61.396	84.271	120.250	142.787	149.169
133.5	61.453	84.215	119.912	142.391	148.887
134.0	61.509	84.102	119.686	141.940	148.492
134.5	61.678	83.876	119.403	141.431	147.757
135.0	61.848	83.707	119.064	140.753	147.192
135.5	61.791	83.255	118.782	140.302	146.741
136.0	61.904	83.198	118.387	139.737	146.176
136.5	62.017	83.029	118.104	139.116	145.611
137.0	62.074	82.746	117.652	138.607	144.990
137.5	62.130	82.464	117.257	137.929	144.425
138.0	62.243	82.294	116.692	137.365	143.747
138.5	62.243	82.069	115.958	136.743	143.239

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L60-835-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	62.187	81.899	115.111	136.009	142.448
139.5	62.187	81.673	114.094	135.218	141.883
140.0	62.187	81.391	112.964	134.484	141.092
140.5	62.187	81.221	111.948	133.580	140.245
141.0	62.187	81.108	110.818	132.620	139.567
141.5	62.187	80.882	109.688	131.773	138.890
142.0	62.130	80.769	108.615	130.700	138.155
142.5	62.074	80.600	107.486	129.739	137.308
143.0	62.017	80.431	106.412	128.836	136.461
143.5	62.017	80.205	105.170	127.876	135.670
144.0	62.017	79.922	104.097	127.141	134.766
144.5	62.187	79.696	103.023	126.294	133.976
145.0	62.413	79.470	101.837	125.560	133.072
145.5	62.808	79.188	100.764	124.826	132.168
146.0	63.316	78.962	99.747	124.035	131.321
146.5	63.825	78.736	98.900	123.188	130.361
147.0	64.333	78.454	97.940	122.340	129.401
147.5	64.785	78.341	97.206	121.493	128.440
148.0	65.293	78.115	96.415	120.533	127.424
148.5	65.745	78.058	95.794	119.629	126.407
149.0	66.310	78.058	95.116	118.725	125.503
149.5	66.705	78.228	94.495	117.765	124.374
150.0	67.157	78.341	93.873	116.862	123.188
150.5	67.553	78.397	93.196	115.845	121.945
151.0	67.835	78.567	92.292	114.828	120.476
151.5	68.117	78.623	91.332	113.755	119.121
152.0	68.456	78.736	90.428	112.625	117.765
152.5	68.795	78.849	89.581	111.439	116.297
153.0	69.021	78.906	88.677	110.084	115.111
153.5	69.304	79.075	87.717	108.672	113.755
154.0	69.530	79.019	86.870	107.090	112.625
154.5	69.812	79.075	86.135	105.565	111.496
155.0	69.925	79.188	85.401	103.814	110.649
155.5	70.151	79.244	84.667	102.176	109.745
156.0	70.320	79.244	84.158	100.425	108.954
156.5	70.603	79.244	83.650	98.674	107.937
157.0	70.716	79.357	83.142	97.093	106.977
157.5	70.885	79.357	82.803	95.568	105.904
158.0	71.111	79.301	82.633	93.986	104.887
158.5	71.167	79.301	82.407	92.687	103.701
159.0	71.450	79.131	82.238	91.445	102.685
159.5	71.676	79.019	81.956	90.258	101.555
160.0	71.958	78.906	81.673	89.298	100.425
160.5	72.297	78.849	81.447	88.395	99.352
161.0	72.523	78.680	81.391	87.434	98.279
161.5	72.862	78.623	81.278	86.474	97.488
162.0	73.144	78.510	81.447	85.683	96.810
162.5	73.427	78.510	81.560	84.836	96.020
163.0	73.766	78.454	81.617	83.932	95.342
163.5	74.048	78.454	81.730	82.972	94.495
164.0	74.161	78.454	81.843	81.786	93.704
164.5	74.330	78.341	81.730	80.882	92.687
165.0	74.500	78.341	81.560	79.979	91.671
165.5	74.669	78.284	81.391	79.357	90.597
166.0	74.839	78.228	81.278	78.680	88.959
166.5	75.008	78.228	81.108	78.115	88.169

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L60-835-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	75.234	78.228	80.939	77.606	87.547
167.5	75.347	78.228	80.600	77.155	86.926
168.0	75.517	78.228	80.318	76.703	86.418
168.5	75.856	78.002	79.922	76.307	85.796
169.0	76.025	78.058	79.640	75.912	85.175
169.5	76.307	77.889	79.188	75.460	84.497
170.0	76.420	77.832	78.793	74.895	83.876
170.5	76.590	77.719	78.284	74.274	83.198
171.0	76.703	77.606	77.719	73.596	82.351
171.5	76.872	77.606	77.211	72.975	81.673
172.0	77.155	77.493	76.929	72.354	80.656
172.5	77.324	77.493	76.590	71.676	79.527
173.0	77.550	77.381	76.307	71.055	77.606
173.5	77.832	77.437	76.194	70.433	74.726
174.0	78.058	77.437	76.138	69.925	71.167
174.5	78.228	77.437	76.025	69.417	66.931
175.0	78.567	77.606	75.968	69.021	62.130
175.5	78.680	77.663	75.912	68.852	57.103
176.0	78.906	77.776	75.912	68.682	53.827
176.5	78.962	77.832	75.856	68.682	51.512
177.0	79.188	77.945	75.743	68.513	49.139
177.5	79.244	77.945	75.573	68.456	48.631
178.0	79.470	78.058	75.517	68.400	48.744
178.5	79.583	78.115	75.573	68.287	48.857
179.0	79.696	78.115	75.517	68.117	48.914
179.5	79.809	78.115	75.460	68.061	48.970
180.0	71.563	71.563	71.563	71.563	71.563

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L60-835-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	646.65	N.A.	11.70
0-30	1354.95	N.A.	24.50
0-40	2176.54	N.A.	39.40
0-60	3683.51	N.A.	66.70
0-80	4588.99	N.A.	83.10
0-90	4816.72	N.A.	87.30
10-90	4648.14	N.A.	84.20
20-40	1529.89	N.A.	27.70
20-50	2338.95	N.A.	42.40
40-70	2043.77	N.A.	37.00
60-80	905.49	N.A.	16.40
70-80	368.68	N.A.	6.70
80-90	227.73	N.A.	4.10
90-110	265.99	N.A.	4.80
90-120	377.97	N.A.	6.80
90-130	481.02	N.A.	8.70
90-150	631.50	N.A.	11.40
90-180	703.43	N.A.	12.70
110-180	437.44	N.A.	7.90
0-180	5520.15	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	168.58
10-20	478.07
20-30	708.30
30-40	821.59
40-50	809.06
50-60	697.91
60-70	536.80
70-80	368.68
80-90	227.73
90-100	145.91
100-110	120.08
110-120	111.98
120-130	103.06
130-140	86.60
140-150	63.87
150-160	41.76
160-170	23.01
170-180	7.17

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L60-835-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-L60-835-DIM-UNV_.IES

UGR TABLE - CORRECTED

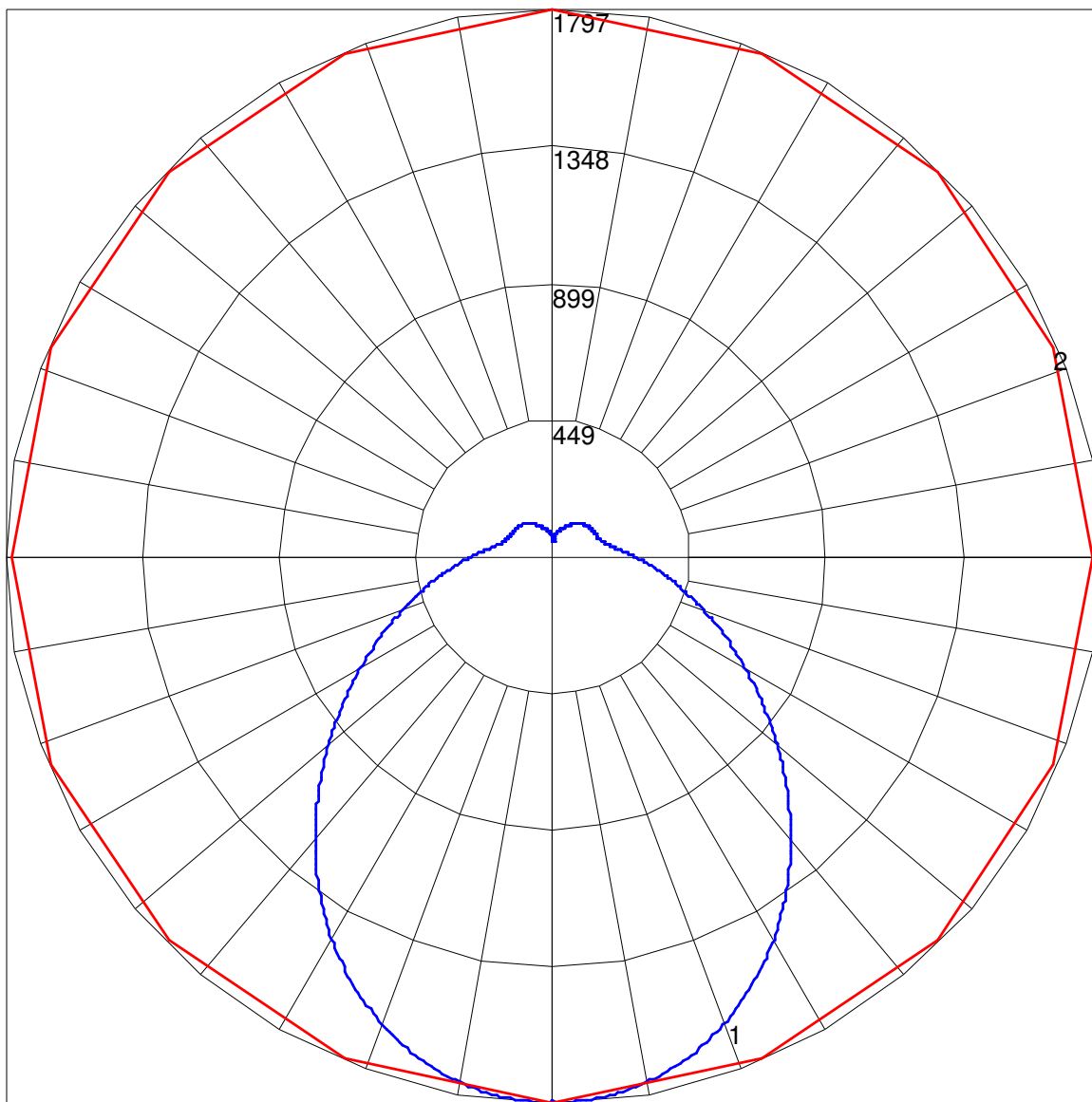
Reflectances

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	15.3	16.7	15.8	17.2	17.8	17.0	18.4	17.6	18.9	19.5
	3H	16.7	17.9	17.2	18.5	19.1	19.2	20.5	19.8	21.0	21.7
	4H	17.1	18.3	17.7	18.8	19.5	20.3	21.5	20.9	22.0	22.7
	6H	17.4	18.5	18.0	19.1	19.8	21.4	22.5	22.0	23.1	23.8
	8H	17.5	18.5	18.1	19.1	19.8	22.1	23.1	22.7	23.7	24.4
	12H	17.5	18.5	18.1	19.1	19.8	22.8	23.7	23.4	24.4	25.1
4H	2H	16.0	17.2	16.6	17.8	18.5	17.4	18.6	18.0	19.2	19.8
	3H	17.6	18.6	18.2	19.3	19.9	19.9	20.8	20.5	21.5	22.2
	4H	18.2	19.1	18.8	19.7	20.5	21.1	22.0	21.7	22.6	23.4
	6H	18.6	19.4	19.3	20.1	20.8	22.5	23.2	23.1	23.9	24.6
	8H	18.7	19.5	19.4	20.1	20.9	23.2	23.9	23.8	24.6	25.3
	12H	18.8	19.5	19.5	20.2	20.9	24.0	24.7	24.7	25.4	26.1
8H	4H	18.8	19.5	19.4	20.2	20.9	21.3	22.0	22.0	22.7	23.5
	6H	19.4	20.0	20.0	20.7	21.4	22.8	23.5	23.5	24.2	24.9
	8H	19.6	20.1	20.3	20.8	21.6	23.7	24.3	24.4	25.0	25.7
	12H	19.7	20.2	20.4	20.9	21.7	24.7	25.2	25.4	25.9	26.7
12H	4H	19.0	19.6	19.6	20.3	21.1	21.3	22.0	22.0	22.7	23.4
	6H	19.6	20.2	20.3	20.9	21.7	22.9	23.4	23.6	24.1	24.9
	8H	19.9	20.4	20.6	21.1	21.9	23.8	24.3	24.5	25.0	25.8

Maximum UGR = 26.7

POLAR GRAPH



Maximum Candela = 1797.262 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.)