

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L60-840-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-L60-840-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	5686
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	161
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	6289	5609	5517
55	5471	4812	4843
65	4634	4135	4316
75	3777	3631	4034
85	2966	3613	4262

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L60-840-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	1840.126	1840.126	1840.126	1840.126	1840.126
0.5	1831.400	1838.381	1839.544	1838.963	1851.180
1.0	1831.400	1838.963	1838.963	1838.381	1850.598
1.5	1829.654	1838.963	1838.381	1837.799	1851.180
2.0	1829.073	1837.217	1838.381	1837.217	1849.435
2.5	1829.073	1837.217	1836.636	1836.636	1848.271
3.0	1827.327	1835.472	1835.472	1835.472	1847.107
3.5	1826.164	1833.727	1833.727	1834.309	1845.944
4.0	1825.000	1832.563	1832.563	1831.982	1844.780
4.5	1822.092	1830.818	1831.400	1830.818	1843.035
5.0	1820.346	1829.073	1829.073	1829.073	1841.290
5.5	1818.019	1826.746	1826.746	1827.327	1838.963
6.0	1816.856	1823.837	1824.419	1824.419	1836.636
6.5	1812.783	1821.510	1822.092	1822.092	1833.727
7.0	1810.456	1818.601	1819.183	1818.601	1831.400
7.5	1808.129	1815.110	1816.274	1816.274	1828.491
8.0	1805.220	1812.783	1812.783	1812.783	1824.419
8.5	1802.311	1808.711	1809.874	1809.874	1820.928
9.0	1797.657	1805.802	1806.384	1805.802	1816.856
9.5	1794.749	1801.730	1801.730	1801.730	1814.529
10.0	1790.094	1797.076	1797.076	1798.239	1809.874
10.5	1786.022	1793.003	1793.585	1793.585	1805.802
11.0	1781.950	1788.931	1789.513	1788.931	1801.148
11.5	1776.714	1784.277	1785.440	1784.277	1797.076
12.0	1772.060	1779.041	1780.204	1780.204	1791.840
12.5	1767.405	1773.805	1775.550	1774.387	1787.186
13.0	1762.170	1769.151	1770.314	1769.733	1781.950
13.5	1756.934	1763.333	1764.497	1764.497	1777.296
14.0	1750.534	1757.515	1758.679	1758.679	1770.896
14.5	1745.298	1751.698	1752.861	1752.861	1766.242
15.0	1740.062	1745.880	1746.462	1746.462	1759.261
15.5	1733.663	1738.899	1740.644	1740.644	1752.280
16.0	1726.682	1732.500	1734.245	1734.245	1746.462
16.5	1720.864	1725.518	1727.264	1727.845	1740.062
17.0	1712.719	1717.955	1720.282	1720.864	1733.081
17.5	1705.738	1710.974	1713.301	1713.883	1726.100
18.0	1699.339	1703.993	1705.738	1707.484	1719.701
18.5	1691.776	1697.012	1698.757	1699.921	1712.138
19.0	1684.213	1688.285	1691.194	1692.358	1703.993
19.5	1675.486	1681.304	1683.631	1685.958	1696.430
20.0	1666.178	1672.578	1675.486	1677.232	1688.285
20.5	1656.870	1665.015	1667.342	1669.669	1680.722
21.0	1649.307	1655.706	1657.452	1662.106	1672.578
21.5	1640.580	1646.980	1649.889	1652.216	1663.851
22.0	1631.272	1638.835	1641.744	1644.071	1656.288
22.5	1623.127	1628.363	1632.436	1635.926	1647.562
23.0	1613.237	1619.055	1623.127	1626.618	1638.253
23.5	1602.766	1609.165	1614.401	1617.892	1629.527
24.0	1592.294	1599.275	1604.511	1608.583	1620.219
24.5	1583.567	1589.385	1595.203	1598.693	1609.747
25.0	1573.677	1579.495	1585.894	1589.385	1600.439
25.5	1562.624	1569.605	1574.841	1580.077	1589.385
26.0	1552.152	1558.551	1565.533	1570.187	1580.659
26.5	1541.098	1547.498	1555.643	1559.715	1570.769

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L60-840-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	1530.045	1535.863	1545.753	1550.988	1560.879
27.5	1517.246	1524.809	1534.699	1539.353	1550.988
28.0	1507.938	1513.755	1523.645	1528.881	1539.935
28.5	1495.721	1502.702	1512.592	1517.828	1528.881
29.0	1484.085	1491.067	1500.957	1507.356	1518.410
29.5	1471.868	1478.849	1489.321	1495.721	1506.774
30.0	1459.651	1467.214	1477.686	1485.831	1496.884
30.5	1446.852	1454.415	1466.632	1474.777	1485.249
31.0	1434.635	1442.198	1454.415	1463.142	1473.032
31.5	1421.836	1430.563	1442.780	1452.088	1462.560
32.0	1409.619	1417.182	1431.145	1439.871	1450.343
32.5	1396.239	1404.383	1418.928	1428.236	1438.708
33.0	1383.440	1392.166	1405.547	1416.601	1427.072
33.5	1371.223	1379.367	1393.912	1403.802	1414.855
34.0	1356.679	1365.987	1381.113	1392.166	1403.802
34.5	1343.298	1353.188	1368.896	1379.367	1391.003
35.0	1331.081	1339.226	1356.679	1367.732	1378.786
35.5	1315.373	1326.427	1343.298	1354.933	1365.987
36.0	1303.156	1312.464	1330.499	1342.134	1353.770
36.5	1288.030	1298.502	1317.119	1329.917	1342.134
37.0	1274.068	1285.121	1303.738	1316.537	1329.917
37.5	1259.524	1270.577	1290.939	1304.901	1316.537
38.0	1244.980	1256.615	1276.977	1291.521	1302.574
38.5	1229.854	1242.071	1263.596	1279.304	1289.776
39.0	1216.473	1227.527	1249.634	1265.923	1279.304
39.5	1201.347	1214.146	1236.253	1252.542	1265.341
40.0	1185.058	1199.020	1222.291	1240.325	1251.961
40.5	1169.932	1184.476	1208.910	1227.527	1239.162
41.0	1155.969	1169.932	1194.948	1214.146	1225.781
41.5	1140.843	1155.388	1180.985	1200.765	1212.982
42.0	1125.717	1140.843	1167.023	1187.966	1200.184
42.5	1111.173	1125.717	1152.479	1174.586	1186.803
43.0	1094.884	1111.173	1139.098	1161.787	1174.004
43.5	1080.921	1096.047	1124.554	1148.406	1161.205
44.0	1065.214	1080.921	1110.010	1135.607	1147.825
44.5	1050.670	1066.377	1095.466	1121.645	1134.444
45.0	1035.544	1051.251	1081.503	1109.428	1122.227
45.5	1020.418	1036.707	1067.541	1096.629	1109.428
46.0	1005.292	1021.581	1052.415	1082.667	1096.047
46.5	990.166	1006.455	1039.616	1071.031	1083.249
47.0	974.458	991.911	1025.072	1057.069	1070.450
47.5	959.332	976.785	1010.528	1043.688	1057.069
48.0	944.788	961.659	995.984	1031.471	1043.688
48.5	928.499	947.115	982.603	1017.509	1030.890
49.0	913.955	931.408	967.477	1004.128	1017.509
49.5	898.829	916.863	953.515	991.329	1004.710
50.0	883.121	901.737	939.552	977.367	991.329
50.5	868.577	887.193	925.008	965.732	979.112
51.0	853.451	872.067	912.209	952.351	966.314
51.5	838.907	856.942	897.665	939.552	953.515
52.0	823.199	842.397	883.703	926.172	940.716
52.5	808.073	827.271	870.322	912.791	928.499
53.0	792.365	812.727	856.360	901.156	915.118
53.5	777.240	798.183	842.979	887.775	902.901
54.0	762.695	783.639	829.598	874.976	890.684
54.5	748.733	768.513	816.218	863.341	878.467

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L60-840-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	734.189	754.551	802.837	849.960	867.413
55.5	721.972	740.007	789.457	837.743	854.033
56.0	708.009	727.208	776.658	825.526	841.816
56.5	693.465	713.827	763.277	813.309	830.180
57.0	679.503	700.446	750.478	801.092	817.963
57.5	664.959	686.484	739.425	789.457	804.583
58.0	650.415	672.522	726.626	776.658	794.693
58.5	636.452	658.559	713.827	765.604	783.057
59.0	622.490	644.597	701.610	755.714	770.840
59.5	608.527	631.216	690.556	743.497	761.532
60.0	594.565	617.254	678.339	731.862	749.897
60.5	580.893	603.873	666.122	720.808	738.261
61.0	567.164	590.493	653.905	709.755	727.208
61.5	553.550	577.228	641.688	698.701	716.736
62.0	540.170	564.080	630.053	688.229	705.682
62.5	526.964	551.049	617.836	677.758	695.211
63.0	513.583	538.075	606.200	666.704	685.902
63.5	500.319	525.277	595.147	656.232	675.430
64.0	487.404	512.652	583.511	645.179	664.959
64.5	474.547	500.319	572.458	634.707	654.487
65.0	461.806	487.927	561.346	624.235	644.597
65.5	449.240	475.827	550.351	613.763	634.125
66.0	436.499	463.726	539.472	603.291	624.235
66.5	424.049	451.916	528.651	593.401	614.345
67.0	411.890	440.222	517.888	582.930	604.455
67.5	399.673	428.703	507.358	573.156	594.565
68.0	387.631	417.475	496.886	563.266	585.257
68.5	375.763	406.305	486.647	553.667	575.541
69.0	363.953	395.252	476.525	544.010	566.349
69.5	352.318	384.431	466.518	534.643	557.216
70.0	340.740	373.785	456.686	525.451	548.140
70.5	329.454	363.255	446.855	516.259	539.181
71.0	318.284	352.841	437.197	507.184	530.338
71.5	307.231	342.660	427.773	498.341	521.612
72.0	296.410	332.421	418.348	489.556	513.118
72.5	285.531	322.531	409.156	480.946	504.682
73.0	274.943	312.699	400.022	472.452	496.188
73.5	264.645	302.984	391.180	464.017	487.927
74.0	254.465	293.559	382.220	455.872	479.608
74.5	244.458	284.076	373.668	447.785	471.754
75.0	234.510	274.826	365.175	439.873	464.133
75.5	224.736	265.809	356.797	432.020	456.396
76.0	215.253	256.966	348.652	424.224	448.833
76.5	205.829	248.240	340.566	416.603	441.270
77.0	196.521	239.571	332.596	409.040	433.939
77.5	187.387	231.136	324.742	401.710	426.667
78.0	178.369	222.875	317.121	394.496	419.512
78.5	169.527	214.730	309.558	387.224	412.414
79.0	160.858	206.818	302.228	380.184	405.433
79.5	152.248	198.964	295.014	373.319	398.452
80.0	143.754	191.227	287.800	366.513	391.819
80.5	135.493	183.722	280.819	359.648	385.071
81.0	127.465	176.333	274.128	353.016	378.497
81.5	119.320	169.119	267.438	346.442	371.923
82.0	111.466	162.080	260.922	340.100	365.582
82.5	103.787	155.157	254.523	333.759	359.357

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L60-840-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	96.224	148.409	248.240	327.651	353.307
83.5	88.719	141.835	242.247	321.426	347.023
84.0	81.389	135.435	236.430	315.550	341.031
84.5	74.117	129.268	230.728	309.732	335.155
85.0	67.136	123.276	225.143	303.973	329.280
85.5	60.155	117.575	219.675	298.388	323.578
86.0	53.290	112.106	214.323	292.919	317.935
86.5	46.483	106.987	209.261	287.451	312.292
87.0	39.793	102.042	204.142	282.273	306.765
87.5	33.102	97.446	199.313	277.037	301.471
88.0	26.470	92.966	194.543	271.976	296.119
88.5	19.780	88.778	189.947	266.972	290.941
89.0	13.672	84.822	185.583	262.144	285.822
89.5	8.668	81.156	181.337	257.490	280.819
90.0	5.178	77.898	177.439	253.068	276.223
90.5	3.665	75.048	173.832	248.647	271.336
91.0	3.898	72.430	170.167	244.167	266.682
91.5	4.654	69.928	166.501	239.920	262.027
92.0	5.527	67.834	163.011	235.615	257.490
92.5	6.458	66.030	160.044	231.485	253.010
93.0	7.388	64.460	156.961	227.587	248.705
93.5	8.377	63.238	154.052	223.747	244.633
94.0	9.425	62.191	151.317	220.140	240.677
94.5	10.414	61.435	148.758	216.475	236.604
95.0	11.403	60.853	146.372	212.868	232.706
95.5	12.333	60.446	144.162	209.436	228.867
96.0	13.090	60.271	142.242	206.120	225.085
96.5	13.846	60.271	140.322	203.036	221.595
97.0	14.544	60.329	138.577	200.069	218.104
97.5	15.300	60.562	136.948	197.219	214.904
98.0	15.940	60.795	135.493	194.426	211.647
98.5	16.697	61.085	134.272	191.750	208.621
99.0	17.453	61.435	132.992	189.249	205.654
99.5	18.267	61.842	131.886	186.863	202.745
100.0	18.966	62.249	131.014	184.653	200.128
100.5	19.780	62.714	130.141	182.500	197.451
101.0	20.478	63.180	129.501	180.464	195.066
101.5	21.176	63.645	128.861	178.544	192.623
102.0	21.816	64.111	128.396	176.741	190.470
102.5	22.456	64.576	127.930	175.053	188.318
103.0	23.096	65.100	127.581	173.366	186.398
103.5	23.794	65.623	127.290	171.912	184.420
104.0	24.551	66.089	127.000	170.574	182.616
104.5	25.307	66.612	126.825	169.294	180.929
105.0	26.005	67.136	126.650	168.130	179.300
105.5	26.645	67.601	126.476	166.909	177.904
106.0	27.401	68.183	126.418	165.862	176.508
106.5	28.099	68.707	126.418	164.873	175.112
107.0	28.797	69.288	126.418	163.942	173.948
107.5	29.437	69.754	126.418	163.244	172.726
108.0	30.252	70.336	126.418	162.429	171.505
108.5	31.008	70.917	126.476	161.847	170.690
109.0	31.764	71.383	126.592	161.091	169.876
109.5	32.579	71.906	126.650	160.567	169.003
110.0	33.393	72.430	126.767	159.986	168.305
110.5	34.208	72.953	126.883	159.462	167.665

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L60-840-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

111.0	35.022	73.477	126.941	158.997	166.967
111.5	35.837	73.942	127.000	158.648	166.385
112.0	36.709	74.466	127.116	158.299	165.687
112.5	37.582	74.990	127.232	157.891	165.047
113.0	38.513	75.513	127.407	157.600	164.756
113.5	39.386	75.979	127.407	157.310	164.349
114.0	40.316	76.444	127.523	157.077	163.942
114.5	41.189	76.968	127.639	156.786	163.593
115.0	42.120	77.375	127.756	156.611	163.302
115.5	43.051	77.898	127.756	156.437	163.011
116.0	43.923	78.364	127.930	156.204	162.662
116.5	44.738	78.829	128.047	155.971	162.545
117.0	45.669	79.353	128.163	155.971	162.255
117.5	46.541	79.760	128.279	155.739	162.080
118.0	47.298	80.167	128.396	155.622	161.847
118.5	48.170	80.575	128.454	155.448	161.789
119.0	48.927	80.982	128.570	155.273	161.440
119.5	49.741	81.273	128.687	155.099	161.382
120.0	50.497	81.564	128.628	154.982	161.091
120.5	51.254	81.913	128.687	154.750	161.033
121.0	52.010	82.145	128.803	154.575	160.800
121.5	52.824	82.436	128.745	154.343	160.684
122.0	53.581	82.785	128.745	154.226	160.509
122.5	54.337	83.134	128.803	153.993	160.102
123.0	55.093	83.483	128.745	153.761	160.044
123.5	55.791	83.774	128.628	153.586	159.695
124.0	56.373	84.007	128.628	153.412	159.637
124.5	56.955	84.240	128.628	153.121	159.404
125.0	57.537	84.531	128.512	152.830	159.171
125.5	58.118	84.705	128.396	152.655	158.880
126.0	58.642	84.938	128.338	152.306	158.648
126.5	59.107	85.229	128.221	152.074	158.473
127.0	59.631	85.345	128.105	151.783	158.240
127.5	60.038	85.520	127.930	151.492	157.833
128.0	60.562	85.520	127.872	151.143	157.600
128.5	60.969	85.636	127.639	150.852	157.368
129.0	61.376	85.752	127.407	150.561	157.077
129.5	61.725	85.927	127.000	150.096	156.728
130.0	62.016	86.043	126.592	149.805	156.379
130.5	62.307	86.160	126.127	149.456	155.971
131.0	62.482	86.334	125.661	148.932	155.564
131.5	62.714	86.509	125.196	148.467	155.157
132.0	62.947	86.683	124.672	148.176	154.808
132.5	63.063	86.741	124.091	147.594	154.284
133.0	63.238	86.800	123.858	147.070	153.644
133.5	63.296	86.741	123.509	146.663	153.354
134.0	63.354	86.625	123.276	146.198	152.946
134.5	63.529	86.392	122.985	145.674	152.190
135.0	63.703	86.218	122.636	144.976	151.608
135.5	63.645	85.752	122.345	144.511	151.143
136.0	63.762	85.694	121.938	143.929	150.561
136.5	63.878	85.520	121.647	143.289	149.979
137.0	63.936	85.229	121.182	142.765	149.339
137.5	63.994	84.938	120.775	142.067	148.758
138.0	64.111	84.763	120.193	141.486	148.059
138.5	64.111	84.531	119.437	140.846	147.536

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L60-840-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	64.052	84.356	118.564	140.089	146.721
139.5	64.052	84.123	117.517	139.275	146.140
140.0	64.052	83.832	116.353	138.519	145.325
140.5	64.052	83.658	115.306	137.588	144.453
141.0	64.052	83.542	114.143	136.599	143.754
141.5	64.052	83.309	112.979	135.726	143.056
142.0	63.994	83.193	111.874	134.621	142.300
142.5	63.936	83.018	110.710	133.632	141.427
143.0	63.878	82.843	109.605	132.701	140.555
143.5	63.878	82.611	108.325	131.712	139.740
144.0	63.878	82.320	107.219	130.956	138.809
144.5	64.052	82.087	106.114	130.083	137.995
145.0	64.285	81.854	104.892	129.327	137.064
145.5	64.692	81.564	103.787	128.570	136.133
146.0	65.216	81.331	102.740	127.756	135.261
146.5	65.740	81.098	101.867	126.883	134.272
147.0	66.263	80.807	100.878	126.011	133.283
147.5	66.729	80.691	100.122	125.138	132.294
148.0	67.252	80.458	99.307	124.149	131.246
148.5	67.718	80.400	98.668	123.218	130.199
149.0	68.299	80.400	97.969	122.287	129.268
149.5	68.707	80.575	97.329	121.298	128.105
150.0	69.172	80.691	96.690	120.367	126.883
150.5	69.579	80.749	95.991	119.320	125.603
151.0	69.870	80.924	95.061	118.273	124.091
151.5	70.161	80.982	94.072	117.168	122.694
152.0	70.510	81.098	93.141	116.004	121.298
152.5	70.859	81.215	92.268	114.782	119.786
153.0	71.092	81.273	91.337	113.386	118.564
153.5	71.383	81.447	90.348	111.932	117.168
154.0	71.615	81.389	89.476	110.303	116.004
154.5	71.906	81.447	88.719	108.732	114.841
155.0	72.023	81.564	87.963	106.929	113.968
155.5	72.255	81.622	87.207	105.241	113.037
156.0	72.430	81.622	86.683	103.438	112.223
156.5	72.721	81.622	86.160	101.635	111.176
157.0	72.837	81.738	85.636	100.006	110.187
157.5	73.012	81.738	85.287	98.435	109.081
158.0	73.244	81.680	85.112	96.806	108.034
158.5	73.303	81.680	84.880	95.468	106.812
159.0	73.593	81.505	84.705	94.188	105.765
159.5	73.826	81.389	84.414	92.966	104.602
160.0	74.117	81.273	84.123	91.977	103.438
160.5	74.466	81.215	83.891	91.046	102.333
161.0	74.699	81.040	83.832	90.057	101.227
161.5	75.048	80.982	83.716	89.068	100.413
162.0	75.339	80.865	83.891	88.254	99.715
162.5	75.630	80.865	84.007	87.381	98.900
163.0	75.979	80.807	84.065	86.450	98.202
163.5	76.270	80.807	84.182	85.461	97.329
164.0	76.386	80.807	84.298	84.240	96.515
164.5	76.560	80.691	84.182	83.309	95.468
165.0	76.735	80.691	84.007	82.378	94.421
165.5	76.909	80.633	83.832	81.738	93.315
166.0	77.084	80.575	83.716	81.040	91.628
166.5	77.259	80.575	83.542	80.458	90.814

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L60-840-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	77.491	80.575	83.367	79.935	90.174
167.5	77.608	80.575	83.018	79.469	89.534
168.0	77.782	80.575	82.727	79.004	89.010
168.5	78.131	80.342	82.320	78.597	88.370
169.0	78.306	80.400	82.029	78.189	87.730
169.5	78.597	80.226	81.564	77.724	87.032
170.0	78.713	80.167	81.156	77.142	86.392
170.5	78.887	80.051	80.633	76.502	85.694
171.0	79.004	79.935	80.051	75.804	84.822
171.5	79.178	79.935	79.527	75.164	84.123
172.0	79.469	79.818	79.237	74.524	83.076
172.5	79.644	79.818	78.887	73.826	81.913
173.0	79.876	79.702	78.597	73.186	79.935
173.5	80.167	79.760	78.480	72.546	76.968
174.0	80.400	79.760	78.422	72.023	73.303
174.5	80.575	79.760	78.306	71.499	68.939
175.0	80.924	79.935	78.248	71.092	63.994
175.5	81.040	79.993	78.189	70.917	58.817
176.0	81.273	80.109	78.189	70.743	55.442
176.5	81.331	80.167	78.131	70.743	53.057
177.0	81.564	80.284	78.015	70.568	50.614
177.5	81.622	80.284	77.840	70.510	50.090
178.0	81.854	80.400	77.782	70.452	50.206
178.5	81.971	80.458	77.840	70.336	50.323
179.0	82.087	80.458	77.782	70.161	50.381
179.5	82.204	80.458	77.724	70.103	50.439
180.0	73.710	73.710	73.710	73.710	73.710

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L60-840-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	666.05	N.A.	11.70
0-30	1395.6	N.A.	24.50
0-40	2241.83	N.A.	39.40
0-60	3794.01	N.A.	66.70
0-80	4726.66	N.A.	83.10
0-90	4961.22	N.A.	87.30
10-90	4787.58	N.A.	84.20
20-40	1575.79	N.A.	27.70
20-50	2409.12	N.A.	42.40
40-70	2105.09	N.A.	37.00
60-80	932.65	N.A.	16.40
70-80	379.74	N.A.	6.70
80-90	234.56	N.A.	4.10
90-110	273.97	N.A.	4.80
90-120	389.30	N.A.	6.80
90-130	495.45	N.A.	8.70
90-150	650.44	N.A.	11.40
90-180	724.53	N.A.	12.70
110-180	450.56	N.A.	7.90
0-180	5685.75	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	173.64
10-20	492.41
20-30	729.55
30-40	846.24
40-50	833.34
50-60	718.84
60-70	552.91
70-80	379.74
80-90	234.56
90-100	150.28
100-110	123.68
110-120	115.34
120-130	106.15
130-140	89.20
140-150	65.78
150-160	43.01
160-170	23.70
170-180	7.38

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L60-840-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-L60-840-DIM-UNV_.IES

UGR TABLE - CORRECTED

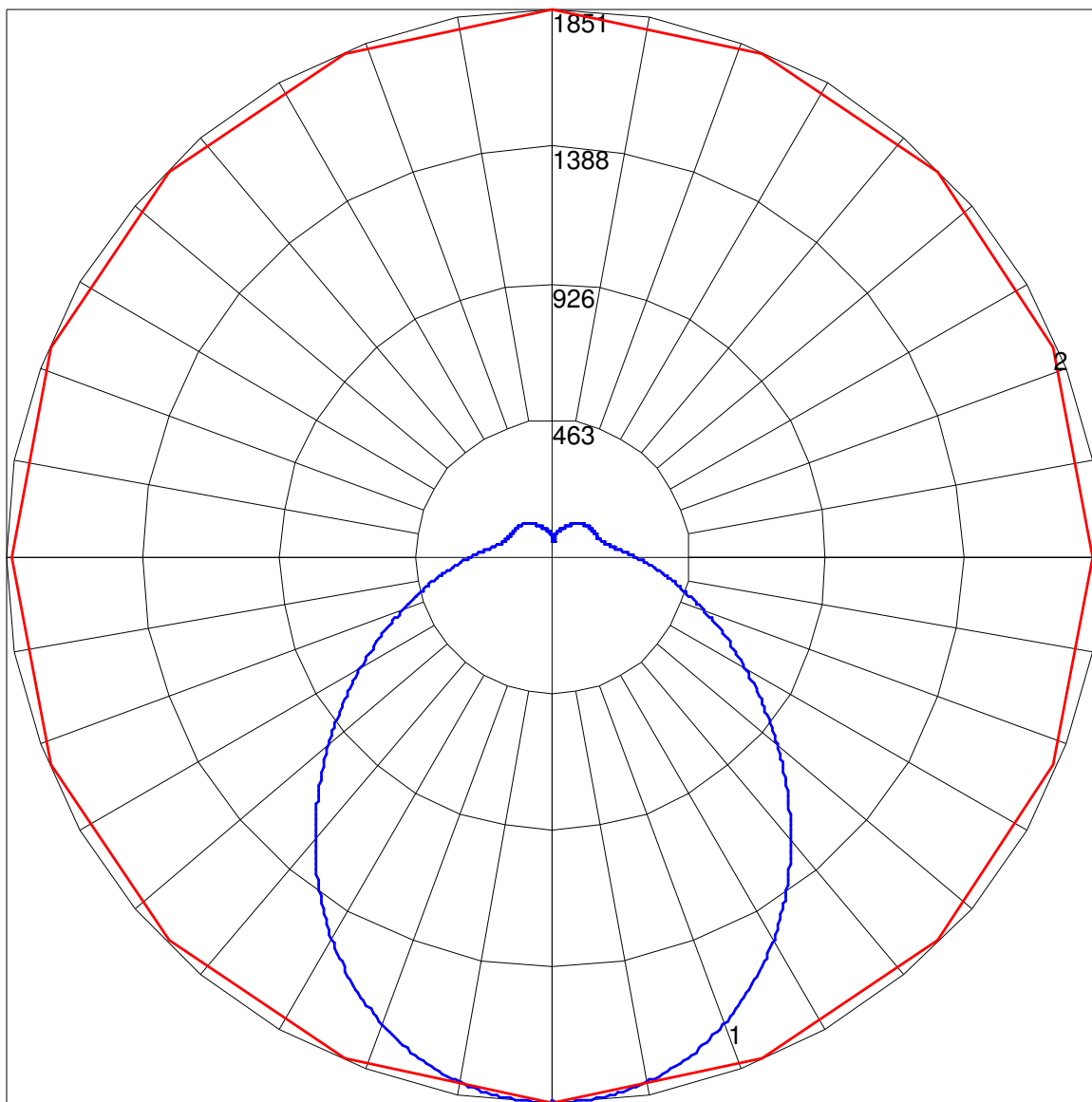
Reflectances

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	15.4	16.8	15.9	17.3	17.9	17.1	18.5	17.7	19.0	19.6
	3H	16.8	18.0	17.3	18.6	19.2	19.3	20.6	19.9	21.1	21.8
	4H	17.2	18.4	17.8	18.9	19.6	20.4	21.6	21.0	22.1	22.8
	6H	17.5	18.6	18.1	19.2	19.9	21.5	22.6	22.1	23.2	23.9
	8H	17.6	18.6	18.2	19.2	19.9	22.1	23.2	22.8	23.8	24.5
	12H	17.6	18.6	18.2	19.2	19.9	22.9	23.8	23.5	24.5	25.2
4H	2H	16.1	17.3	16.7	17.9	18.6	17.5	18.7	18.1	19.3	19.9
	3H	17.7	18.7	18.3	19.3	20.0	20.0	20.9	20.6	21.6	22.3
	4H	18.3	19.2	18.9	19.8	20.6	21.2	22.1	21.8	22.7	23.5
	6H	18.7	19.5	19.4	20.2	20.9	22.6	23.3	23.2	24.0	24.7
	8H	18.8	19.6	19.5	20.2	21.0	23.3	24.0	23.9	24.7	25.4
	12H	18.9	19.6	19.6	20.3	21.0	24.1	24.8	24.8	25.5	26.2
8H	4H	18.9	19.6	19.5	20.3	21.0	21.4	22.1	22.1	22.8	23.6
	6H	19.5	20.1	20.1	20.8	21.5	22.9	23.6	23.6	24.3	25.0
	8H	19.7	20.2	20.4	20.9	21.7	23.8	24.4	24.5	25.1	25.8
	12H	19.8	20.3	20.5	21.0	21.8	24.8	25.3	25.5	26.0	26.8
12H	4H	19.1	19.7	19.7	20.4	21.2	21.4	22.1	22.1	22.8	23.5
	6H	19.7	20.3	20.4	21.0	21.8	23.0	23.5	23.7	24.2	25.0
	8H	20.0	20.5	20.7	21.2	22.0	23.9	24.4	24.6	25.1	25.9

Maximum UGR = 26.8

POLAR GRAPH



Maximum Candela = 1851.18 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.)