

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L60-940-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-L60-940-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	4747
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	134
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	5251	4683	4606
55	4568	4018	4044
65	3869	3452	3604
75	3154	3032	3368
85	2477	3017	3559

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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	1536.416	1536.416	1536.416	1536.416	1536.416
0.5	1529.130	1534.959	1535.930	1535.444	1545.645
1.0	1529.130	1535.444	1535.444	1534.959	1545.159
1.5	1527.672	1535.444	1534.959	1534.473	1545.645
2.0	1527.187	1533.987	1534.959	1533.987	1544.188
2.5	1527.187	1533.987	1533.501	1533.501	1543.216
3.0	1525.729	1532.530	1532.530	1532.530	1542.245
3.5	1524.758	1531.073	1531.073	1531.558	1541.273
4.0	1523.786	1530.101	1530.101	1529.615	1540.302
4.5	1521.358	1528.644	1529.130	1528.644	1538.845
5.0	1519.901	1527.187	1527.187	1527.187	1537.387
5.5	1517.958	1525.244	1525.244	1525.729	1535.444
6.0	1516.986	1522.815	1523.301	1523.301	1533.501
6.5	1513.586	1520.872	1521.358	1521.358	1531.073
7.0	1511.643	1518.443	1518.929	1518.443	1529.130
7.5	1509.700	1515.529	1516.500	1516.500	1526.701
8.0	1507.271	1513.586	1513.586	1513.586	1523.301
8.5	1504.842	1510.186	1511.157	1511.157	1520.386
9.0	1500.956	1507.757	1508.243	1507.757	1516.986
9.5	1498.528	1504.357	1504.357	1504.357	1515.043
10.0	1494.642	1500.471	1500.471	1501.442	1511.157
10.5	1491.241	1497.070	1497.556	1497.556	1507.757
11.0	1487.841	1493.670	1494.156	1493.670	1503.871
11.5	1483.470	1489.784	1490.756	1489.784	1500.471
12.0	1479.584	1485.413	1486.384	1486.384	1496.099
12.5	1475.698	1481.041	1482.498	1481.527	1492.213
13.0	1471.326	1477.155	1478.126	1477.641	1487.841
13.5	1466.954	1472.297	1473.269	1473.269	1483.955
14.0	1461.611	1467.440	1468.411	1468.411	1478.612
14.5	1457.239	1462.582	1463.554	1463.554	1474.726
15.0	1452.868	1457.725	1458.211	1458.211	1468.897
15.5	1447.524	1451.896	1453.353	1453.353	1463.068
16.0	1441.695	1446.553	1448.010	1448.010	1458.211
16.5	1436.838	1440.724	1442.181	1442.667	1452.868
17.0	1430.037	1434.409	1436.352	1436.838	1447.039
17.5	1424.208	1428.580	1430.523	1431.009	1441.210
18.0	1418.865	1422.751	1424.208	1425.666	1435.866
18.5	1412.551	1416.922	1418.380	1419.351	1429.552
19.0	1406.236	1409.636	1412.065	1413.036	1422.751
19.5	1398.950	1403.807	1405.750	1407.693	1416.437
20.0	1391.178	1396.521	1398.950	1400.407	1409.636
20.5	1383.406	1390.206	1392.149	1394.092	1403.321
21.0	1377.091	1382.434	1383.892	1387.778	1396.521
21.5	1369.805	1375.148	1377.577	1379.520	1389.235
22.0	1362.033	1368.348	1370.776	1372.719	1382.920
22.5	1355.232	1359.604	1363.004	1365.919	1375.634
23.0	1346.975	1351.832	1355.232	1358.147	1367.862
23.5	1338.231	1343.575	1347.946	1350.861	1360.576
24.0	1329.488	1335.317	1339.689	1343.089	1352.804
24.5	1322.202	1327.059	1331.917	1334.831	1344.060
25.0	1313.944	1318.802	1324.145	1327.059	1336.288
25.5	1304.715	1310.544	1314.916	1319.287	1327.059
26.0	1295.971	1301.315	1307.144	1311.030	1319.773
26.5	1286.742	1292.085	1298.886	1302.286	1311.515

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27.0	1277.513	1282.371	1290.628	1295.000	1303.258
27.5	1266.827	1273.141	1281.399	1285.285	1295.000
28.0	1259.055	1263.912	1272.170	1276.542	1285.771
28.5	1248.854	1254.683	1262.941	1267.312	1276.542
29.0	1239.139	1244.968	1253.226	1258.569	1267.798
29.5	1228.938	1234.767	1243.511	1248.854	1258.083
30.0	1218.738	1225.052	1233.796	1240.596	1249.826
30.5	1208.051	1214.366	1224.567	1231.367	1240.111
31.0	1197.851	1204.165	1214.366	1221.652	1229.910
31.5	1187.164	1194.450	1204.651	1212.423	1221.166
32.0	1176.964	1183.278	1194.936	1202.222	1210.966
32.5	1165.791	1172.592	1184.736	1192.507	1201.251
33.0	1155.105	1162.391	1173.563	1182.793	1191.536
33.5	1144.904	1151.705	1163.848	1172.106	1181.335
34.0	1132.761	1140.533	1153.162	1162.391	1172.106
34.5	1121.588	1129.846	1142.961	1151.705	1161.420
35.0	1111.388	1118.188	1132.761	1141.990	1151.219
35.5	1098.273	1107.502	1121.588	1131.303	1140.533
36.0	1088.072	1095.844	1110.902	1120.617	1130.332
36.5	1075.443	1084.186	1099.730	1110.416	1120.617
37.0	1063.785	1073.014	1088.558	1099.244	1110.416
37.5	1051.641	1060.870	1077.871	1089.529	1099.244
38.0	1039.497	1049.212	1066.213	1078.357	1087.586
38.5	1026.868	1037.069	1055.041	1068.156	1076.900
39.0	1015.696	1024.925	1043.383	1056.984	1068.156
39.5	1003.066	1013.753	1032.211	1045.812	1056.498
40.0	989.465	1001.123	1020.553	1035.611	1045.326
40.5	976.836	988.980	1009.381	1024.925	1034.640
41.0	965.178	976.836	997.723	1013.753	1023.468
41.5	952.549	964.692	986.065	1002.581	1012.781
42.0	939.919	952.549	974.407	991.894	1002.095
42.5	927.776	939.919	962.264	980.722	990.923
43.0	914.175	927.776	951.091	970.036	980.236
43.5	902.517	915.146	938.948	958.863	969.550
44.0	889.402	902.517	926.804	948.177	958.378
44.5	877.258	890.373	914.660	936.519	947.206
45.0	864.629	877.744	903.003	926.318	937.005
45.5	851.999	865.600	891.345	915.632	926.318
46.0	839.370	852.971	878.715	903.974	915.146
46.5	826.740	840.341	868.029	894.259	904.460
47.0	813.625	828.198	855.885	882.601	893.773
47.5	800.996	815.568	843.742	871.429	882.601
48.0	788.852	802.939	831.598	861.228	871.429
48.5	775.251	790.795	820.426	849.570	860.743
49.0	763.108	777.680	807.796	838.398	849.570
49.5	750.478	765.536	796.138	827.712	838.884
50.0	737.363	752.907	784.480	816.054	827.712
50.5	725.219	740.763	772.337	806.339	817.511
51.0	712.590	728.134	761.650	795.167	806.825
51.5	700.446	715.504	749.507	784.480	796.138
52.0	687.331	703.361	737.849	773.308	785.452
52.5	674.702	690.731	726.677	762.136	775.251
53.0	661.587	678.588	715.019	752.421	764.079
53.5	648.957	666.444	703.847	741.249	753.878
54.0	636.814	654.300	692.674	730.563	743.678
54.5	625.156	641.671	681.502	720.848	733.477

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55.0	613.012	630.013	670.330	709.676	724.248
55.5	602.811	617.869	659.158	699.475	713.076
56.0	591.153	607.183	648.471	689.274	702.875
56.5	579.010	596.011	637.299	679.073	693.160
57.0	567.352	584.839	626.613	668.873	682.959
57.5	555.208	573.181	617.384	659.158	671.787
58.0	543.064	561.523	606.697	648.471	663.530
58.5	531.407	549.865	596.011	639.242	653.815
59.0	519.749	538.207	585.810	630.985	643.614
59.5	508.091	527.035	576.581	620.784	635.842
60.0	496.433	515.377	566.380	611.069	626.127
60.5	485.018	504.205	556.180	601.840	616.412
61.0	473.554	493.033	545.979	592.611	607.183
61.5	462.188	481.958	535.778	583.381	598.440
62.0	451.016	470.980	526.063	574.638	589.210
62.5	439.989	460.099	515.863	565.895	580.467
63.0	428.817	449.267	506.148	556.665	572.695
63.5	417.742	438.580	496.919	547.922	563.952
64.0	406.958	428.040	487.204	538.693	555.208
64.5	396.223	417.742	477.974	529.949	546.465
65.0	385.586	407.396	468.697	521.206	538.207
65.5	375.093	397.292	459.516	512.462	529.464
66.0	364.456	387.188	450.433	503.719	521.206
66.5	354.061	377.328	441.398	495.461	512.948
67.0	343.908	367.564	432.411	486.718	504.691
67.5	333.708	357.947	423.619	478.557	496.433
68.0	323.653	348.572	414.876	470.300	488.661
68.5	313.744	339.245	406.327	462.285	480.549
69.0	303.883	330.016	397.875	454.221	472.874
69.5	294.168	320.981	389.520	446.401	465.248
70.0	284.502	312.092	381.311	438.726	457.670
70.5	275.078	303.300	373.102	431.051	450.190
71.0	265.752	294.605	365.038	423.474	442.806
71.5	256.523	286.105	357.169	416.090	435.520
72.0	247.488	277.556	349.300	408.756	428.428
72.5	238.404	269.298	341.625	401.567	421.385
73.0	229.564	261.089	333.999	394.475	414.293
73.5	220.966	252.977	326.616	387.431	407.396
74.0	212.465	245.108	319.135	380.631	400.449
74.5	204.111	237.190	311.995	373.879	393.892
75.0	195.804	229.467	304.903	367.273	387.528
75.5	187.644	221.938	297.908	360.715	381.068
76.0	179.726	214.554	291.108	354.206	374.753
76.5	171.857	207.268	284.356	347.843	368.439
77.0	164.085	200.030	277.701	341.528	362.318
77.5	156.459	192.987	271.144	335.408	356.246
78.0	148.930	186.089	264.780	329.385	350.272
78.5	141.547	179.289	258.466	323.313	344.346
79.0	134.309	172.683	252.345	317.435	338.517
79.5	127.120	166.125	246.322	311.703	332.688
80.0	120.028	159.665	240.299	306.020	327.150
80.5	113.130	153.399	234.470	300.288	321.516
81.0	106.427	147.230	228.884	294.751	316.027
81.5	99.627	141.206	223.298	289.262	310.538
82.0	93.069	135.329	217.857	283.967	305.243
82.5	86.657	129.549	212.514	278.673	300.046

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83.0	80.342	123.914	207.268	273.572	294.994
83.5	74.076	118.425	202.265	268.375	289.748
84.0	67.956	113.082	197.407	263.469	284.745
84.5	61.884	107.933	192.647	258.611	279.839
85.0	56.055	102.930	187.984	253.803	274.932
85.5	50.226	98.169	183.418	249.139	270.172
86.0	44.494	93.603	178.949	244.573	265.460
86.5	38.811	89.329	174.723	240.007	260.749
87.0	33.225	85.200	170.448	235.684	256.134
87.5	27.639	81.363	166.417	231.312	251.714
88.0	22.101	77.622	162.434	227.086	247.245
88.5	16.515	74.125	158.596	222.909	242.922
89.0	11.415	70.822	154.953	218.877	238.647
89.5	7.238	67.762	151.407	214.991	234.470
90.0	4.323	65.041	148.153	211.300	230.632
90.5	3.060	62.661	145.141	207.608	226.552
91.0	3.255	60.475	142.081	203.868	222.666
91.5	3.886	58.387	139.021	200.322	218.780
92.0	4.615	56.638	136.106	196.727	214.991
92.5	5.392	55.132	133.629	193.278	211.251
93.0	6.169	53.821	131.054	190.024	207.657
93.5	6.995	52.801	128.626	186.818	204.256
94.0	7.869	51.926	126.343	183.806	200.953
94.5	8.695	51.295	124.205	180.746	197.553
95.0	9.521	50.809	122.214	177.735	194.299
95.5	10.298	50.469	120.368	174.869	191.093
96.0	10.929	50.323	118.765	172.100	187.935
96.5	11.561	50.323	117.162	169.525	185.021
97.0	12.144	50.372	115.705	167.048	182.106
97.5	12.775	50.566	114.345	164.668	179.435
98.0	13.309	50.761	113.130	162.336	176.715
98.5	13.941	51.003	112.110	160.102	174.189
99.0	14.572	51.295	111.042	158.013	171.711
99.5	15.252	51.635	110.119	156.022	169.283
100.0	15.835	51.975	109.390	154.176	167.097
100.5	16.515	52.363	108.661	152.379	164.862
101.0	17.098	52.752	108.127	150.679	162.871
101.5	17.681	53.141	107.593	149.076	160.831
102.0	18.215	53.529	107.204	147.570	159.033
102.5	18.750	53.918	106.816	146.161	157.236
103.0	19.284	54.355	106.524	144.752	155.633
103.5	19.867	54.792	106.281	143.538	153.982
104.0	20.498	55.181	106.038	142.421	152.476
104.5	21.130	55.618	105.893	141.352	151.067
105.0	21.713	56.055	105.747	140.381	149.707
105.5	22.247	56.444	105.601	139.361	148.541
106.0	22.879	56.929	105.553	138.486	147.375
106.5	23.462	57.367	105.553	137.661	146.210
107.0	24.044	57.852	105.553	136.883	145.238
107.5	24.579	58.241	105.553	136.300	144.218
108.0	25.259	58.727	105.553	135.620	143.198
108.5	25.890	59.212	105.601	135.135	142.518
109.0	26.522	59.601	105.698	134.503	141.838
109.5	27.202	60.038	105.747	134.066	141.109
110.0	27.882	60.475	105.844	133.580	140.526
110.5	28.562	60.913	105.941	133.143	139.992

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CANDELA TABULATION - (Cont.)

111.0	29.242	61.350	105.990	132.754	139.409
111.5	29.922	61.738	106.038	132.463	138.923
112.0	30.651	62.176	106.136	132.172	138.341
112.5	31.379	62.613	106.233	131.832	137.806
113.0	32.156	63.050	106.378	131.589	137.563
113.5	32.885	63.438	106.378	131.346	137.223
114.0	33.662	63.827	106.476	131.152	136.883
114.5	34.391	64.264	106.573	130.909	136.592
115.0	35.168	64.604	106.670	130.763	136.349
115.5	35.945	65.041	106.670	130.617	136.106
116.0	36.674	65.430	106.816	130.423	135.815
116.5	37.354	65.819	106.913	130.229	135.718
117.0	38.131	66.256	107.010	130.229	135.475
117.5	38.860	66.596	107.107	130.034	135.329
118.0	39.491	66.936	107.204	129.937	135.135
118.5	40.220	67.276	107.253	129.791	135.086
119.0	40.851	67.616	107.350	129.646	134.795
119.5	41.531	67.859	107.447	129.500	134.746
120.0	42.163	68.102	107.399	129.403	134.503
120.5	42.794	68.393	107.447	129.209	134.455
121.0	43.426	68.587	107.544	129.063	134.260
121.5	44.106	68.830	107.496	128.869	134.163
122.0	44.737	69.122	107.496	128.771	134.017
122.5	45.369	69.413	107.544	128.577	133.677
123.0	46.000	69.705	107.496	128.383	133.629
123.5	46.583	69.947	107.399	128.237	133.337
124.0	47.069	70.142	107.399	128.091	133.289
124.5	47.555	70.336	107.399	127.848	133.095
125.0	48.040	70.579	107.301	127.606	132.900
125.5	48.526	70.725	107.204	127.460	132.657
126.0	48.963	70.919	107.156	127.168	132.463
126.5	49.352	71.162	107.059	126.974	132.317
127.0	49.789	71.259	106.961	126.731	132.123
127.5	50.129	71.405	106.816	126.488	131.783
128.0	50.566	71.405	106.767	126.197	131.589
128.5	50.906	71.502	106.573	125.954	131.394
129.0	51.246	71.599	106.378	125.711	131.152
129.5	51.538	71.745	106.038	125.323	130.860
130.0	51.781	71.842	105.698	125.080	130.569
130.5	52.023	71.939	105.310	124.788	130.229
131.0	52.169	72.085	104.921	124.351	129.889
131.5	52.363	72.230	104.533	123.962	129.549
132.0	52.558	72.376	104.095	123.720	129.257
132.5	52.655	72.425	103.610	123.234	128.820
133.0	52.801	72.473	103.415	122.797	128.286
133.5	52.849	72.425	103.124	122.457	128.043
134.0	52.898	72.328	102.930	122.068	127.703
134.5	53.044	72.133	102.687	121.631	127.071
135.0	53.189	71.988	102.395	121.048	126.586
135.5	53.141	71.599	102.152	120.659	126.197
136.0	53.238	71.550	101.812	120.174	125.711
136.5	53.335	71.405	101.570	119.639	125.225
137.0	53.384	71.162	101.181	119.202	124.691
137.5	53.432	70.919	100.841	118.619	124.205
138.0	53.529	70.773	100.355	118.134	123.622
138.5	53.529	70.579	99.724	117.599	123.185

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	53.481	70.433	98.995	116.968	122.505
139.5	53.481	70.239	98.121	116.288	122.019
140.0	53.481	69.996	97.149	115.656	121.339
140.5	53.481	69.850	96.275	114.879	120.611
141.0	53.481	69.753	95.303	114.053	120.028
141.5	53.481	69.559	94.332	113.325	119.445
142.0	53.432	69.462	93.409	112.402	118.814
142.5	53.384	69.316	92.438	111.576	118.085
143.0	53.335	69.170	91.515	110.799	117.356
143.5	53.335	68.976	90.446	109.973	116.676
144.0	53.335	68.733	89.523	109.342	115.899
144.5	53.481	68.539	88.600	108.613	115.219
145.0	53.675	68.345	87.580	107.981	114.442
145.5	54.015	68.102	86.657	107.350	113.665
146.0	54.452	67.907	85.783	106.670	112.936
146.5	54.889	67.713	85.054	105.941	112.110
147.0	55.327	67.470	84.228	105.213	111.285
147.5	55.715	67.373	83.597	104.484	110.459
148.0	56.152	67.179	82.917	103.658	109.584
148.5	56.541	67.130	82.383	102.881	108.710
149.0	57.027	67.130	81.800	102.104	107.933
149.5	57.367	67.276	81.265	101.278	106.961
150.0	57.755	67.373	80.731	100.501	105.941
150.5	58.095	67.422	80.148	99.627	104.873
151.0	58.338	67.567	79.371	98.752	103.610
151.5	58.581	67.616	78.545	97.829	102.444
152.0	58.872	67.713	77.768	96.858	101.278
152.5	59.164	67.810	77.039	95.838	100.015
153.0	59.358	67.859	76.262	94.672	98.995
153.5	59.601	68.004	75.436	93.458	97.829
154.0	59.795	67.956	74.708	92.098	96.858
154.5	60.038	68.004	74.076	90.786	95.886
155.0	60.135	68.102	73.445	89.280	95.158
155.5	60.330	68.150	72.813	87.872	94.381
156.0	60.475	68.150	72.376	86.366	93.700
156.5	60.718	68.150	71.939	84.860	92.826
157.0	60.815	68.247	71.502	83.500	92.000
157.5	60.961	68.247	71.210	82.188	91.077
158.0	61.155	68.199	71.065	80.828	90.203
158.5	61.204	68.199	70.870	79.711	89.183
159.0	61.447	68.053	70.725	78.642	88.309
159.5	61.641	67.956	70.482	77.622	87.337
160.0	61.884	67.859	70.239	76.797	86.366
160.5	62.176	67.810	70.045	76.019	85.443
161.0	62.370	67.664	69.996	75.194	84.520
161.5	62.661	67.616	69.899	74.368	83.840
162.0	62.904	67.519	70.045	73.688	83.257
162.5	63.147	67.519	70.142	72.959	82.577
163.0	63.438	67.470	70.190	72.182	81.994
163.5	63.681	67.470	70.288	71.356	81.265
164.0	63.779	67.470	70.385	70.336	80.585
164.5	63.924	67.373	70.288	69.559	79.711
165.0	64.070	67.373	70.142	68.782	78.837
165.5	64.216	67.324	69.996	68.247	77.914
166.0	64.361	67.276	69.899	67.664	76.505
166.5	64.507	67.276	69.753	67.179	75.825

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	64.701	67.276	69.607	66.742	75.291
167.5	64.799	67.276	69.316	66.353	74.756
168.0	64.944	67.276	69.073	65.964	74.319
168.5	65.236	67.082	68.733	65.624	73.785
169.0	65.381	67.130	68.490	65.284	73.251
169.5	65.624	66.984	68.102	64.896	72.668
170.0	65.721	66.936	67.762	64.410	72.133
170.5	65.867	66.839	67.324	63.876	71.550
171.0	65.964	66.742	66.839	63.293	70.822
171.5	66.110	66.742	66.402	62.758	70.239
172.0	66.353	66.644	66.159	62.224	69.365
172.5	66.499	66.644	65.867	61.641	68.393
173.0	66.693	66.547	65.624	61.107	66.742
173.5	66.936	66.596	65.527	60.573	64.264
174.0	67.130	66.596	65.479	60.135	61.204
174.5	67.276	66.596	65.381	59.698	57.561
175.0	67.567	66.742	65.333	59.358	53.432
175.5	67.664	66.790	65.284	59.212	49.109
176.0	67.859	66.887	65.284	59.067	46.292
176.5	67.907	66.936	65.236	59.067	44.300
177.0	68.102	67.033	65.139	58.921	42.260
177.5	68.150	67.033	64.993	58.872	41.823
178.0	68.345	67.130	64.944	58.824	41.920
178.5	68.442	67.179	64.993	58.727	42.017
179.0	68.539	67.179	64.944	58.581	42.066
179.5	68.636	67.179	64.896	58.532	42.114
180.0	61.544	61.544	61.544	61.544	61.544

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L60-940-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	556.12	N.A.	11.70
0-30	1165.26	N.A.	24.50
0-40	1871.82	N.A.	39.40
0-60	3167.82	N.A.	66.70
0-80	3946.53	N.A.	83.10
0-90	4142.38	N.A.	87.30
10-90	3997.4	N.A.	84.20
20-40	1315.7	N.A.	27.70
20-50	2011.5	N.A.	42.40
40-70	1757.65	N.A.	37.00
60-80	778.72	N.A.	16.40
70-80	317.07	N.A.	6.70
80-90	195.85	N.A.	4.10
90-110	228.75	N.A.	4.80
90-120	325.05	N.A.	6.80
90-130	413.68	N.A.	8.70
90-150	543.09	N.A.	11.40
90-180	604.95	N.A.	12.70
110-180	376.20	N.A.	7.90
0-180	4747.33	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	144.98
10-20	411.14
20-30	609.14
30-40	706.57
40-50	695.79
50-60	600.20
60-70	461.65
70-80	317.07
80-90	195.85
90-100	125.48
100-110	103.27
110-120	96.30
120-130	88.63
130-140	74.48
140-150	54.93
150-160	35.91
160-170	19.79
170-180	6.16

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L60-940-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	87	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-L60-940-DIM-UNV_.IES

UGR TABLE - CORRECTED

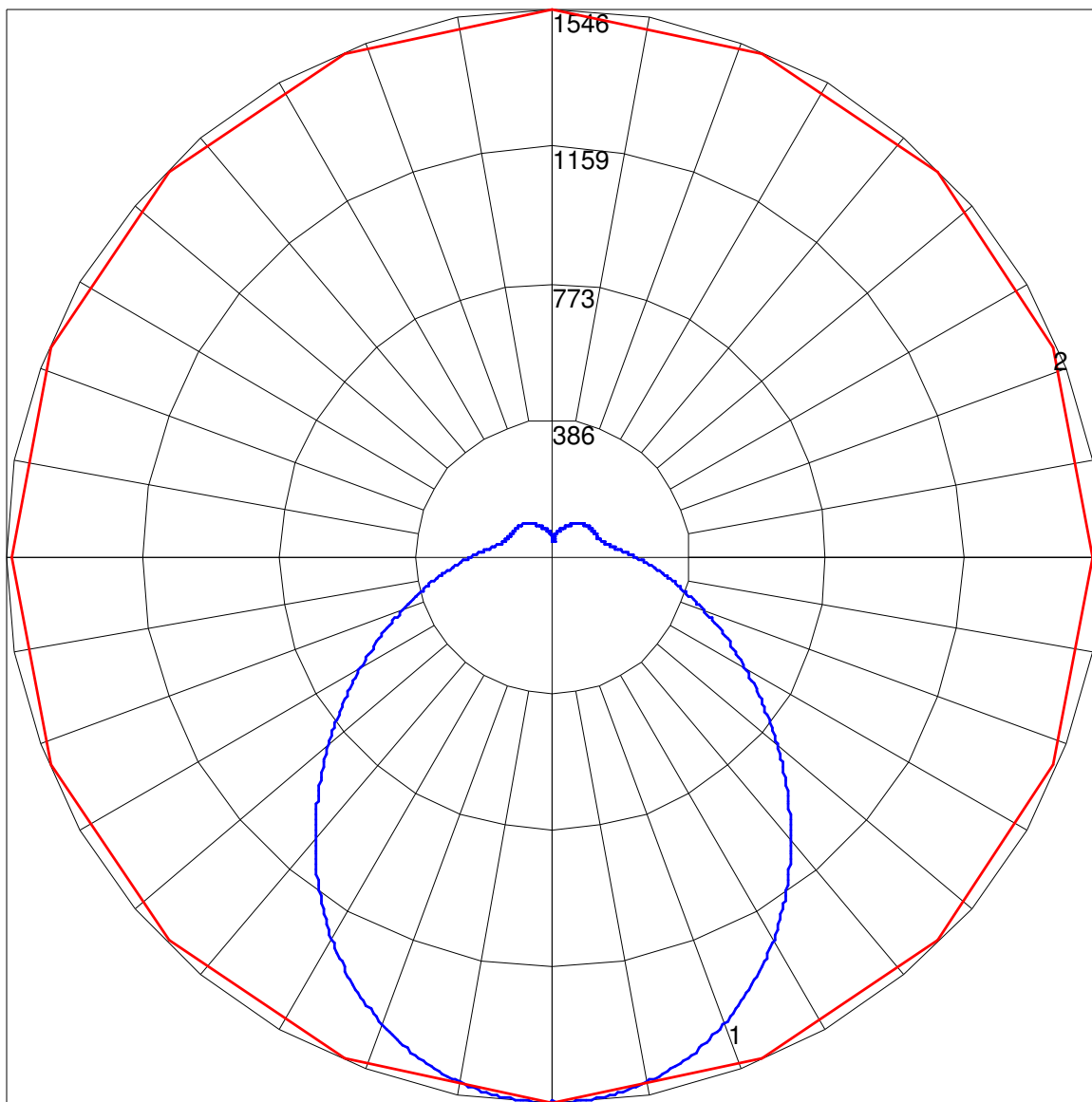
Reflectances

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	14.8	16.2	15.3	16.7	17.3	16.5	17.9	17.1	18.4	19.0
	3H	16.2	17.4	16.7	18.0	18.6	18.7	20.0	19.3	20.5	21.2
	4H	16.6	17.8	17.2	18.3	19.0	19.8	21.0	20.4	21.5	22.2
	6H	16.9	18.0	17.5	18.6	19.3	20.9	22.0	21.5	22.6	23.3
	8H	17.0	18.0	17.6	18.6	19.3	21.6	22.6	22.2	23.2	23.9
	12H	17.0	18.0	17.6	18.6	19.3	22.3	23.2	22.9	23.9	24.6
4H	2H	15.5	16.7	16.1	17.3	18.0	16.9	18.1	17.5	18.7	19.3
	3H	17.1	18.1	17.7	18.8	19.4	19.4	20.3	20.0	21.0	21.7
	4H	17.7	18.6	18.3	19.2	20.0	20.6	21.5	21.2	22.1	22.9
	6H	18.1	18.9	18.8	19.6	20.3	22.0	22.7	22.6	23.4	24.1
	8H	18.2	19.0	18.9	19.6	20.4	22.7	23.4	23.3	24.1	24.8
	12H	18.3	19.0	19.0	19.7	20.4	23.5	24.2	24.2	24.9	25.6
8H	4H	18.3	19.0	18.9	19.7	20.4	20.8	21.5	21.5	22.2	23.0
	6H	18.9	19.5	19.5	20.2	20.9	22.3	23.0	23.0	23.7	24.4
	8H	19.1	19.6	19.8	20.3	21.1	23.2	23.8	23.9	24.5	25.2
	12H	19.2	19.7	19.9	20.4	21.2	24.2	24.7	24.9	25.4	26.2
12H	4H	18.5	19.1	19.1	19.8	20.6	20.8	21.5	21.5	22.2	22.9
	6H	19.1	19.7	19.8	20.4	21.2	22.4	22.9	23.1	23.6	24.4
	8H	19.4	19.9	20.1	20.6	21.4	23.3	23.8	24.0	24.5	25.3

Maximum UGR = 26.2

POLAR GRAPH



Maximum Candela = 1545.645 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.)