

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L60-927-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-L60-927-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	4416
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	125
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	4885	4356	4285
55	4249	3738	3761
65	3599	3212	3352
75	2934	2820	3133
85	2304	2806	3311

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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	1429.224	1429.224	1429.224	1429.224	1429.224
0.5	1422.446	1427.868	1428.772	1428.320	1437.809
1.0	1422.446	1428.320	1428.320	1427.868	1437.357
1.5	1421.091	1428.320	1427.868	1427.417	1437.809
2.0	1420.639	1426.965	1427.868	1426.965	1436.454
2.5	1420.639	1426.965	1426.513	1426.513	1435.550
3.0	1419.283	1425.609	1425.609	1425.609	1434.646
3.5	1418.379	1424.254	1424.254	1424.705	1433.743
4.0	1417.476	1423.350	1423.350	1422.898	1432.839
4.5	1415.216	1421.994	1422.446	1421.994	1431.483
5.0	1413.861	1420.639	1420.639	1420.639	1430.128
5.5	1412.053	1418.831	1418.831	1419.283	1428.320
6.0	1411.150	1416.572	1417.024	1417.024	1426.513
6.5	1407.987	1414.765	1415.216	1415.216	1424.254
7.0	1406.179	1412.505	1412.957	1412.505	1422.446
7.5	1404.372	1409.794	1410.698	1410.698	1420.187
8.0	1402.113	1407.987	1407.987	1407.987	1417.024
8.5	1399.853	1404.824	1405.727	1405.727	1414.313
9.0	1396.238	1402.564	1403.016	1402.564	1411.150
9.5	1393.979	1399.401	1399.401	1399.401	1409.342
10.0	1390.364	1395.787	1395.787	1396.690	1405.727
10.5	1387.201	1392.624	1393.075	1393.075	1402.564
11.0	1384.038	1389.461	1389.912	1389.461	1398.950
11.5	1379.972	1385.846	1386.749	1385.846	1395.787
12.0	1376.357	1381.779	1382.683	1382.683	1391.720
12.5	1372.742	1377.712	1379.068	1378.164	1388.105
13.0	1368.675	1374.097	1375.001	1374.549	1384.038
13.5	1364.608	1369.579	1370.483	1370.483	1380.423
14.0	1359.638	1365.060	1365.964	1365.964	1375.453
14.5	1355.571	1360.542	1361.445	1361.445	1371.838
15.0	1351.505	1356.023	1356.475	1356.475	1366.416
15.5	1346.534	1350.601	1351.956	1351.956	1360.994
16.0	1341.112	1345.630	1346.986	1346.986	1356.475
16.5	1336.593	1340.208	1341.564	1342.016	1351.505
17.0	1330.267	1334.334	1336.141	1336.593	1346.082
17.5	1324.845	1328.912	1330.719	1331.171	1340.660
18.0	1319.875	1323.489	1324.845	1326.201	1335.690
18.5	1314.000	1318.067	1319.423	1320.326	1329.815
19.0	1308.126	1311.289	1313.549	1314.452	1323.489
19.5	1301.348	1305.867	1307.674	1309.482	1317.615
20.0	1294.119	1299.089	1301.348	1302.704	1311.289
20.5	1286.889	1293.215	1295.022	1296.830	1305.415
21.0	1281.015	1285.985	1287.341	1290.956	1299.089
21.5	1274.237	1279.207	1281.467	1283.274	1292.311
22.0	1267.007	1272.881	1275.141	1276.948	1286.437
22.5	1260.681	1264.748	1267.911	1270.622	1279.659
23.0	1253.000	1257.518	1260.681	1263.392	1272.430
23.5	1244.866	1249.837	1253.903	1256.615	1265.652
24.0	1236.733	1242.155	1246.222	1249.385	1258.422
24.5	1229.955	1234.474	1238.992	1241.703	1250.289
25.0	1222.273	1226.792	1231.762	1234.474	1243.059
25.5	1213.688	1219.110	1223.177	1227.244	1234.474
26.0	1205.555	1210.525	1215.947	1219.562	1227.696
26.5	1196.969	1201.940	1208.266	1211.429	1220.014

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27.0	1188.384	1192.903	1200.584	1204.651	1212.333
27.5	1178.443	1184.317	1191.999	1195.614	1204.651
28.0	1171.214	1175.732	1183.414	1187.480	1196.066
28.5	1161.725	1167.147	1174.828	1178.895	1187.480
29.0	1152.687	1158.110	1165.791	1170.762	1179.347
29.5	1143.198	1148.621	1156.754	1161.725	1170.310
30.0	1133.709	1139.584	1147.717	1154.043	1162.628
30.5	1123.769	1129.643	1139.132	1145.458	1153.591
31.0	1114.280	1120.154	1129.643	1136.421	1144.102
31.5	1104.339	1111.117	1120.606	1127.835	1135.969
32.0	1094.850	1100.724	1111.568	1118.346	1126.480
32.5	1084.457	1090.783	1102.079	1109.309	1117.443
33.0	1074.516	1081.294	1091.687	1100.272	1108.405
33.5	1065.027	1071.353	1082.650	1090.331	1098.916
34.0	1053.731	1060.960	1072.709	1081.294	1090.331
34.5	1043.338	1051.020	1063.220	1071.353	1080.390
35.0	1033.849	1040.175	1053.731	1062.316	1070.901
35.5	1021.649	1030.234	1043.338	1052.375	1060.960
36.0	1012.160	1019.390	1033.397	1042.434	1051.471
36.5	1000.412	1008.545	1023.004	1032.945	1042.434
37.0	989.567	998.152	1012.612	1022.553	1032.945
37.5	978.271	986.856	1002.671	1013.515	1022.553
38.0	966.974	976.011	991.826	1003.123	1011.708
38.5	955.226	964.715	981.434	993.634	1001.767
39.0	944.833	953.418	970.589	983.241	993.634
39.5	933.085	943.026	960.196	972.848	982.789
40.0	920.433	931.277	949.352	963.359	972.396
40.5	908.685	919.981	938.959	953.418	962.456
41.0	897.840	908.685	928.114	943.026	952.063
41.5	886.092	897.388	917.270	932.633	942.122
42.0	874.343	886.092	906.425	922.692	932.181
42.5	863.047	874.343	895.129	912.299	921.788
43.0	850.395	863.047	884.736	902.359	911.848
43.5	839.550	851.299	873.440	891.966	901.907
44.0	827.350	839.550	862.143	882.025	891.514
44.5	816.054	828.254	850.847	871.180	881.121
45.0	804.306	816.506	840.002	861.691	871.632
45.5	792.557	805.209	829.158	851.751	861.691
46.0	780.809	793.461	817.409	840.906	851.299
46.5	769.061	781.713	807.469	831.869	841.358
47.0	756.861	770.416	796.172	821.024	831.417
47.5	745.112	758.668	784.876	810.632	821.024
48.0	733.816	746.920	773.579	801.143	810.632
48.5	721.164	735.623	763.187	790.298	800.691
49.0	709.867	723.423	751.438	779.905	790.298
49.5	698.119	712.127	740.594	769.964	780.357
50.0	685.919	700.378	729.749	759.120	769.964
50.5	674.623	689.082	718.453	750.083	760.475
51.0	662.874	677.334	708.512	739.690	750.535
51.5	651.578	665.585	697.215	729.749	740.594
52.0	639.378	654.289	686.371	719.356	730.653
52.5	627.629	642.541	675.978	708.964	721.164
53.0	615.429	631.244	665.134	699.927	710.771
53.5	603.681	619.948	654.741	689.534	701.282
54.0	592.385	608.652	644.348	679.593	691.793
54.5	581.540	596.903	633.955	670.556	682.304

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55.0	570.244	586.059	623.563	660.163	673.719
55.5	560.755	574.762	613.170	650.674	663.326
56.0	549.910	564.821	603.229	641.185	653.837
56.5	538.614	554.429	592.837	631.696	644.800
57.0	527.769	544.036	582.896	622.207	635.311
57.5	516.473	533.191	574.310	613.170	624.918
58.0	505.176	522.347	564.370	603.229	617.237
58.5	494.332	511.502	554.429	594.644	608.200
59.0	483.487	500.658	544.940	586.962	598.711
59.5	472.643	490.265	536.354	577.473	591.481
60.0	461.798	479.420	526.865	568.436	582.444
60.5	451.179	469.028	517.376	559.851	573.407
61.0	440.515	458.635	507.887	551.266	564.821
61.5	429.942	448.333	498.398	542.680	556.688
62.0	419.549	438.121	489.361	534.547	548.103
62.5	409.292	427.999	479.872	526.414	539.969
63.0	398.899	417.923	470.835	517.828	532.740
63.5	388.597	407.982	462.250	509.695	524.606
64.0	378.566	398.176	453.213	501.110	516.473
64.5	368.580	388.597	444.627	492.976	508.339
65.0	358.684	378.973	435.997	484.843	500.658
65.5	348.924	369.574	427.457	476.709	492.524
66.0	339.028	360.175	419.007	468.576	484.843
66.5	329.359	351.003	410.603	460.894	477.161
67.0	319.915	341.920	402.243	452.761	469.480
67.5	310.426	332.973	394.065	445.170	461.798
68.0	301.072	324.253	385.931	437.488	454.568
68.5	291.854	315.577	377.978	430.032	447.022
69.0	282.682	306.992	370.116	422.532	439.883
69.5	273.645	298.587	362.344	415.257	432.789
70.0	264.653	290.318	354.708	408.117	425.740
70.5	255.887	282.140	347.071	400.978	418.781
71.0	247.211	274.051	339.571	393.929	411.913
71.5	238.626	266.144	332.251	387.061	405.135
72.0	230.221	258.191	324.930	380.238	398.538
72.5	221.771	250.510	317.791	373.550	391.986
73.0	213.548	242.873	310.697	366.953	385.389
73.5	205.550	235.327	303.829	360.401	378.973
74.0	197.642	228.007	296.870	354.075	372.511
74.5	189.870	220.642	290.228	347.794	366.411
75.0	182.144	213.457	283.631	341.649	360.492
75.5	174.552	206.454	277.124	335.549	354.482
76.0	167.187	199.585	270.798	329.494	348.608
76.5	159.867	192.807	264.517	323.575	342.734
77.0	152.637	186.075	258.327	317.701	337.040
77.5	145.543	179.523	252.227	312.007	331.392
78.0	138.539	173.106	246.307	306.404	325.834
78.5	131.671	166.780	240.433	300.756	320.321
79.0	124.938	160.635	234.740	295.289	314.899
79.5	118.251	154.535	229.137	289.957	309.477
80.0	111.654	148.525	223.534	284.670	304.326
80.5	105.238	142.696	218.111	279.338	299.084
81.0	99.002	136.958	212.915	274.187	293.978
81.5	92.676	131.355	207.719	269.081	288.872
82.0	86.576	125.887	202.658	264.156	283.947
82.5	80.611	120.510	197.687	259.230	279.112

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83.0	74.737	115.269	192.807	254.486	274.413
83.5	68.908	110.163	188.153	249.651	269.533
84.0	63.215	105.192	183.635	245.087	264.879
84.5	57.567	100.403	179.207	240.569	260.315
85.0	52.144	95.749	174.869	236.095	255.751
85.5	46.722	91.320	170.621	231.758	251.323
86.0	41.390	87.073	166.464	227.510	246.940
86.5	36.103	83.097	162.533	223.263	242.557
87.0	30.907	79.256	158.557	219.241	238.264
87.5	25.711	75.686	154.806	215.174	234.152
88.0	20.559	72.207	151.101	211.243	229.995
88.5	15.363	68.953	147.531	207.357	225.974
89.0	10.619	65.881	144.142	203.607	221.997
89.5	6.733	63.034	140.844	199.992	218.111
90.0	4.022	60.504	137.816	196.558	214.542
90.5	2.847	58.290	135.015	193.124	210.746
91.0	3.027	56.256	132.168	189.644	207.131
91.5	3.615	54.313	129.321	186.346	203.516
92.0	4.293	52.687	126.610	183.002	199.992
92.5	5.016	51.286	124.306	179.794	196.513
93.0	5.739	50.066	121.911	176.766	193.169
93.5	6.507	49.117	119.652	173.784	190.006
94.0	7.320	48.304	117.528	170.983	186.933
94.5	8.088	47.716	115.540	168.136	183.770
95.0	8.856	47.264	113.687	165.335	180.743
95.5	9.579	46.948	111.970	162.669	177.761
96.0	10.167	46.812	110.479	160.093	174.824
96.5	10.754	46.812	108.988	157.698	172.112
97.0	11.296	46.858	107.632	155.394	169.401
97.5	11.884	47.038	106.367	153.180	166.916
98.0	12.381	47.219	105.238	151.011	164.386
98.5	12.968	47.445	104.289	148.932	162.036
99.0	13.556	47.716	103.295	146.989	159.731
99.5	14.188	48.032	102.436	145.136	157.472
100.0	14.731	48.349	101.758	143.419	155.439
100.5	15.363	48.710	101.080	141.748	153.360
101.0	15.905	49.072	100.583	140.166	151.508
101.5	16.448	49.433	100.086	138.675	149.610
102.0	16.945	49.795	99.725	137.274	147.938
102.5	17.442	50.156	99.363	135.964	146.266
103.0	17.939	50.563	99.092	134.653	144.775
103.5	18.481	50.969	98.866	133.524	143.239
104.0	19.068	51.331	98.640	132.484	141.838
104.5	19.656	51.738	98.505	131.490	140.528
105.0	20.198	52.144	98.369	130.587	139.262
105.5	20.695	52.506	98.234	129.638	138.178
106.0	21.282	52.958	98.189	128.824	137.093
106.5	21.825	53.364	98.189	128.056	136.009
107.0	22.367	53.816	98.189	127.333	135.105
107.5	22.864	54.178	98.189	126.791	134.156
108.0	23.497	54.630	98.189	126.158	133.207
108.5	24.084	55.081	98.234	125.707	132.575
109.0	24.671	55.443	98.324	125.119	131.942
109.5	25.304	55.850	98.369	124.713	131.264
110.0	25.937	56.256	98.460	124.261	130.722
110.5	26.569	56.663	98.550	123.854	130.225

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111.0	27.202	57.070	98.595	123.493	129.683
111.5	27.834	57.431	98.640	123.221	129.231
112.0	28.512	57.838	98.731	122.950	128.689
112.5	29.190	58.244	98.821	122.634	128.192
113.0	29.913	58.651	98.957	122.408	127.966
113.5	30.591	59.013	98.957	122.182	127.650
114.0	31.314	59.374	99.047	122.001	127.333
114.5	31.991	59.781	99.137	121.775	127.062
115.0	32.714	60.097	99.228	121.640	126.836
115.5	33.437	60.504	99.228	121.504	126.610
116.0	34.115	60.865	99.363	121.324	126.339
116.5	34.748	61.227	99.454	121.143	126.249
117.0	35.471	61.633	99.544	121.143	126.023
117.5	36.149	61.950	99.634	120.962	125.887
118.0	36.736	62.266	99.725	120.872	125.707
118.5	37.414	62.582	99.770	120.736	125.661
119.0	38.001	62.899	99.860	120.601	125.390
119.5	38.634	63.124	99.951	120.465	125.345
120.0	39.221	63.350	99.906	120.375	125.119
120.5	39.809	63.621	99.951	120.194	125.074
121.0	40.396	63.802	100.041	120.058	124.893
121.5	41.029	64.028	99.996	119.878	124.803
122.0	41.616	64.299	99.996	119.787	124.667
122.5	42.203	64.570	100.041	119.607	124.351
123.0	42.791	64.841	99.996	119.426	124.306
123.5	43.333	65.067	99.906	119.290	124.035
124.0	43.785	65.248	99.906	119.155	123.990
124.5	44.237	65.429	99.906	118.929	123.809
125.0	44.689	65.655	99.815	118.703	123.628
125.5	45.141	65.790	99.725	118.567	123.402
126.0	45.547	65.971	99.680	118.296	123.221
126.5	45.909	66.197	99.589	118.115	123.086
127.0	46.315	66.287	99.499	117.890	122.905
127.5	46.632	66.423	99.363	117.664	122.589
128.0	47.038	66.423	99.318	117.392	122.408
128.5	47.355	66.513	99.137	117.167	122.227
129.0	47.671	66.604	98.957	116.941	122.001
129.5	47.942	66.739	98.640	116.579	121.730
130.0	48.168	66.830	98.324	116.353	121.459
130.5	48.394	66.920	97.963	116.082	121.143
131.0	48.529	67.056	97.601	115.675	120.827
131.5	48.710	67.191	97.240	115.314	120.510
132.0	48.891	67.327	96.833	115.088	120.239
132.5	48.981	67.372	96.381	114.636	119.833
133.0	49.117	67.417	96.200	114.229	119.335
133.5	49.162	67.372	95.929	113.913	119.110
134.0	49.207	67.282	95.749	113.552	118.793
134.5	49.343	67.101	95.523	113.145	118.206
135.0	49.478	66.965	95.251	112.603	117.754
135.5	49.433	66.604	95.026	112.241	117.392
136.0	49.524	66.559	94.709	111.789	116.941
136.5	49.614	66.423	94.483	111.292	116.489
137.0	49.659	66.197	94.122	110.886	115.992
137.5	49.704	65.971	93.806	110.344	115.540
138.0	49.795	65.836	93.354	109.892	114.998
138.5	49.795	65.655	92.766	109.395	114.591

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	49.749	65.519	92.088	108.807	113.958
139.5	49.749	65.339	91.275	108.175	113.507
140.0	49.749	65.113	90.371	107.587	112.874
140.5	49.749	64.977	89.558	106.864	112.196
141.0	49.749	64.887	88.654	106.096	111.654
141.5	49.749	64.706	87.751	105.418	111.112
142.0	49.704	64.616	86.892	104.560	110.524
142.5	49.659	64.480	85.988	103.792	109.846
143.0	49.614	64.344	85.130	103.069	109.169
143.5	49.614	64.164	84.136	102.300	108.536
144.0	49.614	63.938	83.277	101.713	107.813
144.5	49.749	63.757	82.419	101.035	107.181
145.0	49.930	63.576	81.470	100.448	106.458
145.5	50.247	63.350	80.611	99.860	105.735
146.0	50.653	63.170	79.798	99.228	105.057
146.5	51.060	62.989	79.120	98.550	104.289
147.0	51.467	62.763	78.352	97.872	103.520
147.5	51.828	62.673	77.765	97.194	102.752
148.0	52.235	62.492	77.132	96.426	101.939
148.5	52.596	62.447	76.635	95.703	101.126
149.0	53.048	62.447	76.093	94.980	100.403
149.5	53.364	62.582	75.596	94.212	99.499
150.0	53.726	62.673	75.099	93.489	98.550
150.5	54.042	62.718	74.556	92.676	97.556
151.0	54.268	62.853	73.833	91.863	96.381
151.5	54.494	62.899	73.065	91.004	95.297
152.0	54.765	62.989	72.342	90.100	94.212
152.5	55.036	63.079	71.665	89.151	93.037
153.0	55.217	63.124	70.942	88.067	92.088
153.5	55.443	63.260	70.173	86.937	91.004
154.0	55.624	63.215	69.496	85.672	90.100
154.5	55.850	63.260	68.908	84.452	89.197
155.0	55.940	63.350	68.321	83.051	88.519
155.5	56.121	63.396	67.733	81.741	87.796
156.0	56.256	63.396	67.327	80.340	87.163
156.5	56.482	63.396	66.920	78.939	86.350
157.0	56.573	63.486	66.513	77.674	85.582
157.5	56.708	63.486	66.242	76.454	84.723
158.0	56.889	63.441	66.107	75.189	83.910
158.5	56.934	63.441	65.926	74.150	82.961
159.0	57.160	63.305	65.790	73.156	82.148
159.5	57.341	63.215	65.564	72.207	81.244
160.0	57.567	63.124	65.339	71.439	80.340
160.5	57.838	63.079	65.158	70.716	79.482
161.0	58.018	62.944	65.113	69.947	78.623
161.5	58.290	62.899	65.022	69.179	77.991
162.0	58.515	62.808	65.158	68.547	77.448
162.5	58.741	62.808	65.248	67.869	76.816
163.0	59.013	62.763	65.293	67.146	76.273
163.5	59.238	62.763	65.384	66.378	75.596
164.0	59.329	62.763	65.474	65.429	74.963
164.5	59.464	62.673	65.384	64.706	74.150
165.0	59.600	62.673	65.248	63.983	73.336
165.5	59.736	62.627	65.113	63.486	72.478
166.0	59.871	62.582	65.022	62.944	71.167
166.5	60.007	62.582	64.887	62.492	70.535

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	60.187	62.582	64.751	62.085	70.038
167.5	60.278	62.582	64.480	61.724	69.541
168.0	60.413	62.582	64.254	61.362	69.134
168.5	60.684	62.401	63.938	61.046	68.637
169.0	60.820	62.447	63.712	60.730	68.140
169.5	61.046	62.311	63.350	60.368	67.598
170.0	61.136	62.266	63.034	59.916	67.101
170.5	61.272	62.176	62.627	59.419	66.559
171.0	61.362	62.085	62.176	58.877	65.881
171.5	61.498	62.085	61.769	58.380	65.339
172.0	61.724	61.995	61.543	57.883	64.525
172.5	61.859	61.995	61.272	57.341	63.621
173.0	62.040	61.904	61.046	56.844	62.085
173.5	62.266	61.950	60.956	56.347	59.781
174.0	62.447	61.950	60.910	55.940	56.934
174.5	62.582	61.950	60.820	55.533	53.545
175.0	62.853	62.085	60.775	55.217	49.704
175.5	62.944	62.130	60.730	55.081	45.683
176.0	63.124	62.221	60.730	54.946	43.062
176.5	63.170	62.266	60.684	54.946	41.209
177.0	63.350	62.356	60.594	54.810	39.312
177.5	63.396	62.356	60.458	54.765	38.905
178.0	63.576	62.447	60.413	54.720	38.995
178.5	63.667	62.492	60.458	54.630	39.086
179.0	63.757	62.492	60.413	54.494	39.131
179.5	63.847	62.492	60.368	54.449	39.176
180.0	57.250	57.250	57.250	57.250	57.250

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L60-927-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	517.32	N.A.	11.70
0-30	1083.96	N.A.	24.50
0-40	1741.23	N.A.	39.40
0-60	2946.81	N.A.	66.70
0-80	3671.19	N.A.	83.10
0-90	3853.38	N.A.	87.30
10-90	3718.51	N.A.	84.20
20-40	1223.91	N.A.	27.70
20-50	1871.16	N.A.	42.40
40-70	1635.02	N.A.	37.00
60-80	724.39	N.A.	16.40
70-80	294.94	N.A.	6.70
80-90	182.18	N.A.	4.10
90-110	212.79	N.A.	4.80
90-120	302.37	N.A.	6.80
90-130	384.82	N.A.	8.70
90-150	505.20	N.A.	11.40
90-180	562.74	N.A.	12.70
110-180	349.95	N.A.	7.90
0-180	4416.12	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	134.87
10-20	382.45
20-30	566.64
30-40	657.27
40-50	647.25
50-60	558.32
60-70	429.44
70-80	294.94
80-90	182.18
90-100	116.72
100-110	96.06
110-120	89.58
120-130	82.45
130-140	69.28
140-150	51.09
150-160	33.41
160-170	18.41
170-180	5.73

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L60-927-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-L60-927-DIM-UNV_.IES

UGR TABLE - CORRECTED

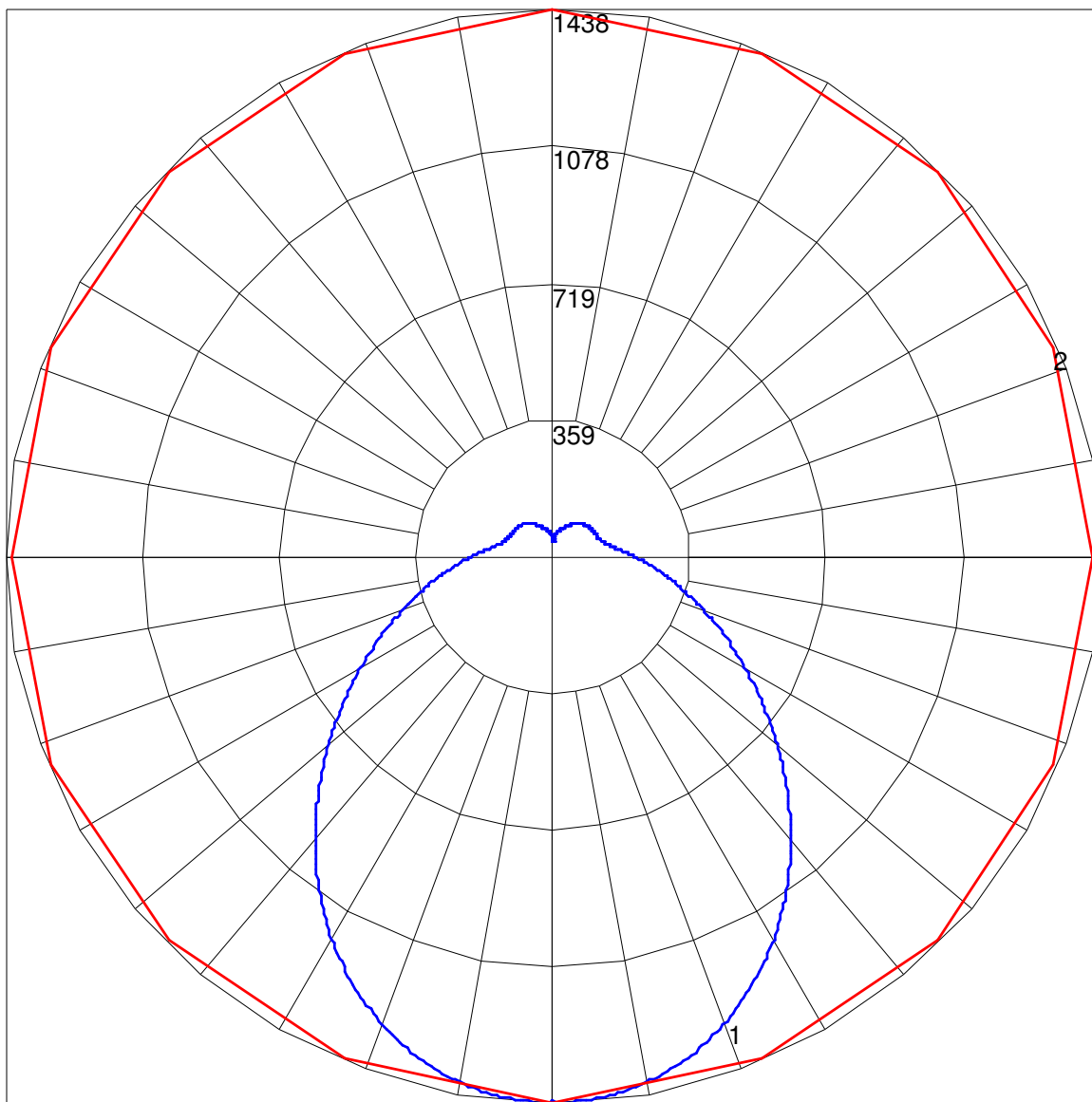
Reflectances

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	14.6	16.0	15.1	16.5	17.1	16.3	17.7	16.9	18.2	18.8
	3H	16.0	17.2	16.5	17.8	18.4	18.5	19.8	19.1	20.3	21.0
	4H	16.4	17.6	17.0	18.1	18.8	19.6	20.8	20.2	21.3	22.0
	6H	16.7	17.8	17.3	18.4	19.1	20.7	21.8	21.3	22.4	23.1
	8H	16.8	17.8	17.4	18.4	19.1	21.3	22.4	22.0	23.0	23.7
	12H	16.8	17.8	17.4	18.4	19.1	22.1	23.0	22.7	23.7	24.4
4H	2H	15.3	16.5	15.9	17.1	17.8	16.7	17.9	17.3	18.5	19.1
	3H	16.9	17.9	17.5	18.5	19.2	19.2	20.1	19.8	20.8	21.5
	4H	17.5	18.4	18.1	19.0	19.8	20.4	21.3	21.0	21.9	22.7
	6H	17.9	18.7	18.6	19.4	20.1	21.8	22.5	22.4	23.2	23.9
	8H	18.0	18.8	18.7	19.4	20.2	22.5	23.2	23.1	23.9	24.6
	12H	18.1	18.8	18.8	19.5	20.2	23.3	24.0	24.0	24.7	25.4
8H	4H	18.1	18.8	18.7	19.5	20.2	20.6	21.3	21.3	22.0	22.8
	6H	18.7	19.3	19.3	20.0	20.7	22.1	22.8	22.8	23.5	24.2
	8H	18.9	19.4	19.6	20.1	20.9	23.0	23.6	23.7	24.3	25.0
	12H	19.0	19.5	19.7	20.2	21.0	24.0	24.5	24.7	25.2	26.0
12H	4H	18.3	18.9	18.9	19.6	20.4	20.6	21.3	21.3	22.0	22.7
	6H	18.9	19.5	19.6	20.2	21.0	22.2	22.7	22.9	23.4	24.2
	8H	19.2	19.7	19.9	20.4	21.2	23.1	23.6	23.8	24.3	25.1

Maximum UGR = 26.0

POLAR GRAPH



Maximum Candela = 1437.809 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.)