

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-3-L40-835-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-3-L40-835-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	3885
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	138
Total Luminaire Watts	28.2
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)	2.80 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	11225	10082	10026
55	9691	8619	8802
65	8108	7367	7844
75	6438	6414	7332
85	4539	6265	7747

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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	1257.368	1257.368	1257.368	1257.368	1257.368
0.5	1251.405	1256.175	1256.970	1256.573	1264.921
1.0	1251.405	1256.573	1256.573	1256.175	1264.523
1.5	1250.212	1256.573	1256.175	1255.778	1264.921
2.0	1249.815	1255.380	1256.175	1255.380	1263.728
2.5	1249.815	1255.380	1254.983	1254.983	1262.933
3.0	1248.622	1254.188	1254.188	1254.188	1262.138
3.5	1247.827	1252.995	1252.995	1253.393	1261.343
4.0	1247.032	1252.200	1252.200	1251.802	1260.548
4.5	1245.045	1251.007	1251.405	1251.007	1259.355
5.0	1243.852	1249.815	1249.815	1249.815	1258.163
5.5	1242.262	1248.225	1248.225	1248.622	1256.573
6.0	1241.467	1246.237	1246.635	1246.635	1254.983
6.5	1238.684	1244.647	1245.045	1245.045	1252.995
7.0	1237.094	1242.659	1243.057	1242.659	1251.405
7.5	1235.504	1240.274	1241.069	1241.069	1249.417
8.0	1233.516	1238.684	1238.684	1238.684	1246.635
8.5	1231.529	1235.901	1236.697	1236.697	1244.249
9.0	1228.349	1233.914	1234.311	1233.914	1241.467
9.5	1226.361	1231.131	1231.131	1231.131	1239.877
10.0	1223.181	1227.951	1227.951	1228.746	1236.697
10.5	1220.398	1225.168	1225.566	1225.566	1233.914
11.0	1217.615	1222.386	1222.783	1222.386	1230.734
11.5	1214.038	1219.205	1220.001	1219.205	1227.951
12.0	1210.857	1215.628	1216.423	1216.423	1224.373
12.5	1207.677	1212.050	1213.243	1212.448	1221.193
13.0	1204.100	1208.870	1209.665	1209.267	1217.615
13.5	1200.522	1204.895	1205.690	1205.690	1214.435
14.0	1196.149	1200.919	1201.714	1201.714	1210.062
14.5	1192.571	1196.944	1197.739	1197.739	1206.882
15.0	1188.994	1192.969	1193.366	1193.366	1202.112
15.5	1184.621	1188.199	1189.391	1189.391	1197.342
16.0	1179.851	1183.826	1185.018	1185.018	1193.366
16.5	1175.875	1179.056	1180.248	1180.646	1188.994
17.0	1170.310	1173.888	1175.478	1175.875	1184.223
17.5	1165.540	1169.117	1170.708	1171.105	1179.453
18.0	1161.167	1164.347	1165.540	1166.732	1175.080
18.5	1155.999	1159.577	1160.769	1161.565	1169.913
19.0	1150.831	1153.614	1155.602	1156.397	1164.347
19.5	1144.869	1148.844	1150.434	1152.024	1159.179
20.0	1138.508	1142.881	1144.869	1146.061	1153.614
20.5	1132.148	1137.713	1139.303	1140.893	1148.446
21.0	1126.980	1131.353	1132.545	1135.725	1142.881
21.5	1121.017	1125.390	1127.377	1128.968	1136.918
22.0	1114.657	1119.825	1121.812	1123.402	1131.750
22.5	1109.091	1112.669	1115.452	1117.837	1125.787
23.0	1102.333	1106.309	1109.091	1111.477	1119.427
23.5	1095.178	1099.551	1103.129	1105.514	1113.464
24.0	1088.023	1092.793	1096.371	1099.153	1107.104
24.5	1082.060	1086.035	1090.010	1092.395	1099.948
25.0	1075.302	1079.277	1083.650	1086.035	1093.588
25.5	1067.749	1072.519	1076.097	1079.675	1086.035
26.0	1060.593	1064.966	1069.737	1072.917	1080.072
26.5	1053.041	1057.413	1062.979	1065.761	1073.314

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**CANDELA TABULATION - (Cont.)**

27.0	1045.488	1049.463	1056.221	1059.798	1066.556
27.5	1036.742	1041.910	1048.668	1051.848	1059.798
28.0	1030.382	1034.357	1041.115	1044.693	1052.245
28.5	1022.034	1026.804	1033.562	1037.140	1044.693
29.0	1014.083	1018.853	1025.611	1029.984	1037.537
29.5	1005.735	1010.505	1017.661	1022.034	1029.587
30.0	997.387	1002.555	1009.710	1015.276	1022.829
30.5	988.642	993.809	1002.157	1007.723	1014.878
31.0	980.294	985.461	993.809	999.772	1006.530
31.5	971.548	977.511	985.859	992.219	999.375
32.0	963.200	968.368	977.909	983.871	991.027
32.5	954.057	959.622	969.561	975.921	983.076
33.0	945.312	951.274	960.417	967.970	975.126
33.5	936.964	942.529	952.467	959.225	966.778
34.0	927.025	933.386	943.721	951.274	959.225
34.5	917.882	924.640	935.373	942.529	950.479
35.0	909.534	915.100	927.025	934.578	942.131
35.5	898.801	906.354	917.882	925.833	933.386
36.0	890.453	896.814	909.137	917.087	925.038
36.5	880.118	887.273	899.994	908.739	917.087
37.0	870.577	878.130	890.851	899.596	908.739
37.5	860.639	868.192	882.105	891.646	899.596
38.0	850.701	858.651	872.565	882.503	890.056
38.5	840.365	848.713	863.422	874.155	881.310
39.0	831.222	838.775	853.881	865.012	874.155
39.5	820.887	829.632	844.738	855.869	864.614
40.0	809.756	819.297	835.197	847.521	855.471
40.5	799.420	809.358	826.054	838.775	846.726
41.0	789.880	799.420	816.514	829.632	837.583
41.5	779.544	789.482	806.973	820.489	828.837
42.0	769.209	779.544	797.433	811.744	820.092
42.5	759.270	769.209	787.495	802.601	810.949
43.0	748.140	759.270	778.352	793.855	802.203
43.5	738.599	748.935	768.413	784.712	793.457
44.0	727.866	738.599	758.475	775.966	784.314
44.5	717.928	728.661	748.537	766.426	775.171
45.0	707.592	718.325	738.997	758.078	766.823
45.5	697.257	708.387	729.456	749.332	758.078
46.0	686.921	698.052	719.121	739.792	748.935
46.5	676.585	687.716	710.375	731.841	740.189
47.0	665.852	677.778	700.437	722.301	731.444
47.5	655.517	667.442	690.499	713.158	722.301
48.0	645.579	657.107	680.561	704.810	713.158
48.5	634.448	647.169	671.418	695.269	704.412
49.0	624.510	636.436	661.082	686.126	695.269
49.5	614.174	626.497	651.541	677.381	686.524
50.0	603.441	616.162	642.001	667.840	677.381
50.5	593.503	606.224	632.063	659.889	669.033
51.0	583.167	595.888	623.317	650.746	660.287
51.5	573.229	585.553	613.379	642.001	651.541
52.0	562.496	575.614	603.839	632.858	642.796
52.5	552.161	565.279	594.696	623.715	634.448
53.0	541.427	555.341	585.155	615.764	625.305
53.5	531.092	545.403	576.012	606.621	616.957
54.0	521.154	535.465	566.869	597.876	608.609
54.5	511.613	525.129	557.726	589.925	600.261

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**CANDELA TABULATION - (Cont.)**

55.0	501.675	515.588	548.583	580.782	592.708
55.5	493.327	505.650	539.440	572.434	583.565
56.0	483.786	496.905	530.694	564.086	575.217
56.5	473.848	487.762	521.551	555.738	567.266
57.0	464.308	478.619	512.806	547.390	558.918
57.5	454.370	469.078	505.253	539.440	549.775
58.0	444.432	459.538	496.507	530.694	543.017
58.5	434.891	449.997	487.762	523.141	535.067
59.0	425.350	440.456	479.414	516.383	526.719
59.5	415.810	431.313	471.861	508.035	520.359
60.0	406.269	421.773	463.513	500.085	512.408
60.5	396.928	412.630	455.165	492.532	504.458
61.0	387.546	403.487	446.817	484.979	496.905
61.5	378.244	394.423	438.469	477.426	489.749
62.0	369.101	385.439	430.518	470.271	482.196
62.5	360.077	376.535	422.170	463.115	475.041
63.0	350.934	367.670	414.220	455.562	468.681
63.5	341.870	358.924	406.667	448.407	461.525
64.0	333.045	350.298	398.716	440.854	454.370
64.5	324.260	341.870	391.163	433.698	447.214
65.0	315.554	333.403	383.571	426.543	440.456
65.5	306.968	325.135	376.058	419.388	433.301
66.0	298.262	316.866	368.624	412.232	426.543
66.5	289.755	308.796	361.230	405.474	419.785
67.0	281.447	300.806	353.876	398.319	413.027
67.5	273.099	292.935	346.680	391.640	406.269
68.0	264.870	285.263	339.525	384.883	399.909
68.5	256.761	277.631	332.529	378.323	393.270
69.0	248.691	270.078	325.612	371.724	386.989
69.5	240.740	262.684	318.774	365.324	380.748
70.0	232.830	255.409	312.056	359.043	374.547
70.5	225.118	248.214	305.338	352.763	368.425
71.0	217.485	241.098	298.739	346.561	362.383
71.5	209.932	234.142	292.299	340.519	356.420
72.0	202.538	227.145	285.859	334.516	350.616
72.5	195.105	220.387	279.578	328.633	344.852
73.0	187.870	213.669	273.337	322.829	339.048
73.5	180.834	207.030	267.295	317.065	333.403
74.0	173.877	200.591	261.173	311.500	327.719
74.5	167.039	194.111	255.330	305.974	322.352
75.0	160.242	187.790	249.526	300.568	317.144
75.5	153.563	181.629	243.801	295.201	311.857
76.0	147.084	175.586	238.236	289.874	306.690
76.5	140.644	169.623	232.710	284.667	301.522
77.0	134.284	163.700	227.264	279.499	296.513
77.5	128.042	157.936	221.898	274.490	291.544
78.0	121.881	152.291	216.690	269.561	286.654
78.5	115.838	146.726	211.522	264.592	281.805
79.0	109.915	141.320	206.514	259.782	277.034
79.5	104.032	135.953	201.584	255.091	272.264
80.0	98.228	130.666	196.655	250.440	267.732
80.5	92.583	125.538	191.885	245.749	263.121
81.0	87.097	120.489	187.313	241.217	258.629
81.5	81.532	115.560	182.742	236.725	254.137
82.0	76.166	110.750	178.289	232.392	249.804
82.5	70.918	106.020	173.917	228.059	245.550

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**CANDELA TABULATION - (Cont.)**

83.0	65.750	101.408	169.623	223.885	241.416
83.5	60.622	96.916	165.529	219.632	237.123
84.0	55.614	92.544	161.554	215.617	233.028
84.5	50.645	88.330	157.658	211.642	229.013
85.0	45.874	84.235	153.842	207.706	224.998
85.5	41.104	80.340	150.105	203.890	221.103
86.0	36.413	76.603	146.448	200.153	217.247
86.5	31.762	73.105	142.989	196.417	213.391
87.0	27.191	69.726	139.491	192.879	209.614
87.5	22.619	66.585	136.192	189.301	205.997
88.0	18.087	63.524	132.932	185.842	202.340
88.5	13.516	60.662	129.792	182.424	198.802
89.0	9.342	57.959	126.810	179.124	195.303
89.5	5.923	55.455	123.908	175.944	191.885
90.0	3.538	53.228	121.245	172.923	188.744
90.5	2.504	51.281	118.780	169.902	185.405
91.0	2.663	49.492	116.276	166.841	182.225
91.5	3.180	47.782	113.771	163.939	179.045
92.0	3.776	46.351	111.386	160.997	175.944
92.5	4.413	45.119	109.359	158.175	172.883
93.0	5.049	44.046	107.252	155.511	169.941
93.5	5.724	43.211	105.264	152.888	167.159
94.0	6.440	42.495	103.396	150.423	164.456
94.5	7.116	41.979	101.647	147.919	161.673
95.0	7.791	41.581	100.017	145.454	159.010
95.5	8.428	41.303	98.506	143.109	156.386
96.0	8.944	41.183	97.195	140.843	153.802
96.5	9.461	41.183	95.883	138.736	151.417
97.0	9.938	41.223	94.690	136.708	149.032
97.5	10.455	41.382	93.577	134.761	146.845
98.0	10.892	41.541	92.583	132.852	144.619
98.5	11.409	41.740	91.748	131.024	142.552
99.0	11.926	41.979	90.874	129.314	140.525
99.5	12.482	42.257	90.119	127.685	138.537
100.0	12.959	42.535	89.522	126.174	136.748
100.5	13.516	42.853	88.926	124.703	134.920
101.0	13.993	43.171	88.489	123.312	133.290
101.5	14.470	43.489	88.052	122.000	131.620
102.0	14.907	43.807	87.734	120.768	130.149
102.5	15.344	44.125	87.415	119.615	128.678
103.0	15.782	44.483	87.177	118.462	127.367
103.5	16.259	44.841	86.978	117.468	126.015
104.0	16.776	45.159	86.779	116.554	124.783
104.5	17.292	45.516	86.660	115.679	123.630
105.0	17.769	45.874	86.541	114.884	122.517
105.5	18.207	46.192	86.422	114.050	121.563
106.0	18.723	46.590	86.382	113.334	120.609
106.5	19.200	46.948	86.382	112.658	119.655
107.0	19.677	47.345	86.382	112.022	118.860
107.5	20.115	47.663	86.382	111.545	118.025
108.0	20.671	48.061	86.382	110.989	117.190
108.5	21.188	48.458	86.422	110.591	116.633
109.0	21.705	48.776	86.501	110.074	116.077
109.5	22.261	49.134	86.541	109.717	115.481
110.0	22.818	49.492	86.620	109.319	115.004
110.5	23.374	49.849	86.700	108.961	114.566

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**CANDELA TABULATION - (Cont.)**

111.0	23.931	50.207	86.740	108.643	114.089
111.5	24.487	50.525	86.779	108.405	113.692
112.0	25.084	50.883	86.859	108.166	113.215
112.5	25.680	51.241	86.938	107.888	112.777
113.0	26.316	51.599	87.058	107.689	112.579
113.5	26.912	51.917	87.058	107.490	112.300
114.0	27.548	52.235	87.137	107.331	112.022
114.5	28.145	52.592	87.217	107.133	111.784
115.0	28.781	52.871	87.296	107.013	111.585
115.5	29.417	53.228	87.296	106.894	111.386
116.0	30.013	53.546	87.415	106.735	111.148
116.5	30.570	53.864	87.495	106.576	111.068
117.0	31.206	54.222	87.574	106.576	110.869
117.5	31.802	54.501	87.654	106.417	110.750
118.0	32.319	54.779	87.734	106.338	110.591
118.5	32.915	55.057	87.773	106.218	110.551
119.0	33.432	55.335	87.853	106.099	110.313
119.5	33.988	55.534	87.932	105.980	110.273
120.0	34.505	55.733	87.893	105.900	110.074
120.5	35.022	55.971	87.932	105.741	110.035
121.0	35.539	56.130	88.012	105.622	109.876
121.5	36.095	56.329	87.972	105.463	109.796
122.0	36.612	56.568	87.972	105.384	109.677
122.5	37.129	56.806	88.012	105.225	109.399
123.0	37.646	57.045	87.972	105.066	109.359
123.5	38.123	57.243	87.893	104.946	109.120
124.0	38.520	57.402	87.893	104.827	109.081
124.5	38.918	57.561	87.893	104.628	108.922
125.0	39.315	57.760	87.813	104.429	108.763
125.5	39.713	57.879	87.734	104.310	108.564
126.0	40.070	58.038	87.694	104.072	108.405
126.5	40.388	58.237	87.614	103.913	108.285
127.0	40.746	58.317	87.535	103.714	108.126
127.5	41.024	58.436	87.415	103.515	107.848
128.0	41.382	58.436	87.376	103.277	107.689
128.5	41.660	58.516	87.217	103.078	107.530
129.0	41.939	58.595	87.058	102.879	107.331
129.5	42.177	58.714	86.779	102.561	107.093
130.0	42.376	58.794	86.501	102.362	106.854
130.5	42.575	58.873	86.183	102.124	106.576
131.0	42.694	58.993	85.865	101.766	106.298
131.5	42.853	59.112	85.547	101.448	106.020
132.0	43.012	59.231	85.189	101.249	105.781
132.5	43.092	59.271	84.792	100.852	105.423
133.0	43.211	59.311	84.633	100.494	104.986
133.5	43.251	59.271	84.394	100.216	104.787
134.0	43.290	59.191	84.235	99.898	104.509
134.5	43.410	59.032	84.037	99.540	103.992
135.0	43.529	58.913	83.798	99.063	103.595
135.5	43.489	58.595	83.599	98.745	103.277
136.0	43.569	58.555	83.321	98.347	102.879
136.5	43.648	58.436	83.122	97.910	102.482
137.0	43.688	58.237	82.804	97.552	102.044
137.5	43.728	58.038	82.526	97.075	101.647
138.0	43.807	57.919	82.128	96.678	101.170
138.5	43.807	57.760	81.612	96.241	100.812

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

139.0	43.767	57.641	81.015	95.724	100.255
139.5	43.767	57.482	80.300	95.167	99.858
140.0	43.767	57.283	79.505	94.650	99.301
140.5	43.767	57.164	78.789	94.014	98.705
141.0	43.767	57.084	77.994	93.339	98.228
141.5	43.767	56.925	77.199	92.742	97.751
142.0	43.728	56.846	76.444	91.987	97.234
142.5	43.688	56.727	75.649	91.311	96.638
143.0	43.648	56.607	74.893	90.675	96.042
143.5	43.648	56.448	74.019	89.999	95.485
144.0	43.648	56.250	73.264	89.483	94.849
144.5	43.767	56.091	72.508	88.886	94.293
145.0	43.926	55.932	71.674	88.370	93.657
145.5	44.205	55.733	70.918	87.853	93.021
146.0	44.562	55.574	70.203	87.296	92.424
146.5	44.920	55.415	69.606	86.700	91.748
147.0	45.278	55.216	68.931	86.104	91.073
147.5	45.596	55.137	68.414	85.507	90.397
148.0	45.954	54.978	67.857	84.832	89.681
148.5	46.272	54.938	67.420	84.196	88.966
149.0	46.669	54.938	66.943	83.560	88.330
149.5	46.948	55.057	66.506	82.884	87.535
150.0	47.266	55.137	66.068	82.248	86.700
150.5	47.544	55.176	65.591	81.532	85.825
151.0	47.743	55.296	64.955	80.817	84.792
151.5	47.941	55.335	64.280	80.061	83.838
152.0	48.180	55.415	63.644	79.266	82.884
152.5	48.418	55.494	63.047	78.431	81.850
153.0	48.577	55.534	62.411	77.477	81.015
153.5	48.776	55.653	61.735	76.484	80.061
154.0	48.935	55.614	61.139	75.371	79.266
154.5	49.134	55.653	60.622	74.297	78.471
155.0	49.213	55.733	60.106	73.065	77.875
155.5	49.372	55.773	59.589	71.912	77.239
156.0	49.492	55.773	59.231	70.680	76.682
156.5	49.690	55.773	58.873	69.447	75.967
157.0	49.770	55.852	58.516	68.334	75.291
157.5	49.889	55.852	58.277	67.261	74.536
158.0	50.048	55.812	58.158	66.148	73.820
158.5	50.088	55.812	57.999	65.234	72.985
159.0	50.287	55.693	57.879	64.359	72.270
159.5	50.446	55.614	57.681	63.524	71.475
160.0	50.645	55.534	57.482	62.849	70.680
160.5	50.883	55.494	57.323	62.212	69.924
161.0	51.042	55.375	57.283	61.537	69.169
161.5	51.281	55.335	57.204	60.861	68.613
162.0	51.479	55.256	57.323	60.304	68.136
162.5	51.678	55.256	57.402	59.708	67.579
163.0	51.917	55.216	57.442	59.072	67.102
163.5	52.115	55.216	57.522	58.396	66.506
164.0	52.195	55.216	57.601	57.561	65.949
164.5	52.314	55.137	57.522	56.925	65.234
165.0	52.433	55.137	57.402	56.289	64.518
165.5	52.553	55.097	57.283	55.852	63.763
166.0	52.672	55.057	57.204	55.375	62.610
166.5	52.791	55.057	57.084	54.978	62.053

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

167.0	52.950	55.057	56.965	54.620	61.616
167.5	53.030	55.057	56.727	54.302	61.179
168.0	53.149	55.057	56.528	53.984	60.821
168.5	53.387	54.898	56.250	53.705	60.384
169.0	53.507	54.938	56.051	53.427	59.947
169.5	53.705	54.819	55.733	53.109	59.470
170.0	53.785	54.779	55.455	52.712	59.032
170.5	53.904	54.699	55.097	52.274	58.555
171.0	53.984	54.620	54.699	51.797	57.959
171.5	54.103	54.620	54.342	51.360	57.482
172.0	54.302	54.540	54.143	50.923	56.766
172.5	54.421	54.540	53.904	50.446	55.971
173.0	54.580	54.461	53.705	50.008	54.620
173.5	54.779	54.501	53.626	49.571	52.592
174.0	54.938	54.501	53.586	49.213	50.088
174.5	55.057	54.501	53.507	48.856	47.107
175.0	55.296	54.620	53.467	48.577	43.728
175.5	55.375	54.660	53.427	48.458	40.190
176.0	55.534	54.739	53.427	48.339	37.884
176.5	55.574	54.779	53.387	48.339	36.254
177.0	55.733	54.858	53.308	48.220	34.585
177.5	55.773	54.858	53.189	48.180	34.227
178.0	55.932	54.938	53.149	48.140	34.306
178.5	56.011	54.978	53.189	48.061	34.386
179.0	56.091	54.978	53.149	47.941	34.426
179.5	56.170	54.978	53.109	47.902	34.465
180.0	50.366	50.366	50.366	50.366	50.366



**IES INDOOR REPORT**  
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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	455.11	N.A.	11.70
0-30	953.62	N.A.	24.50
0-40	1531.86	N.A.	39.40
0-60	2592.47	N.A.	66.70
0-80	3229.75	N.A.	83.10
0-90	3390.03	N.A.	87.30
10-90	3271.38	N.A.	84.20
20-40	1076.74	N.A.	27.70
20-50	1646.16	N.A.	42.40
40-70	1438.42	N.A.	37.00
60-80	637.28	N.A.	16.40
70-80	259.48	N.A.	6.70
80-90	160.28	N.A.	4.10
90-110	187.20	N.A.	4.80
90-120	266.01	N.A.	6.80
90-130	338.55	N.A.	8.70
90-150	444.45	N.A.	11.40
90-180	495.08	N.A.	12.70
110-180	307.87	N.A.	7.90
0-180	3885.11	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	118.65
10-20	336.46
20-30	498.50
30-40	578.24
40-50	569.42
50-60	491.19
60-70	377.81
70-80	259.48
80-90	160.28
90-100	102.69
100-110	84.51
110-120	78.81
120-130	72.53
130-140	60.95
140-150	44.95
150-160	29.39
160-170	16.19
170-180	5.04

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-3-L40-835-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-3-L40-835-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

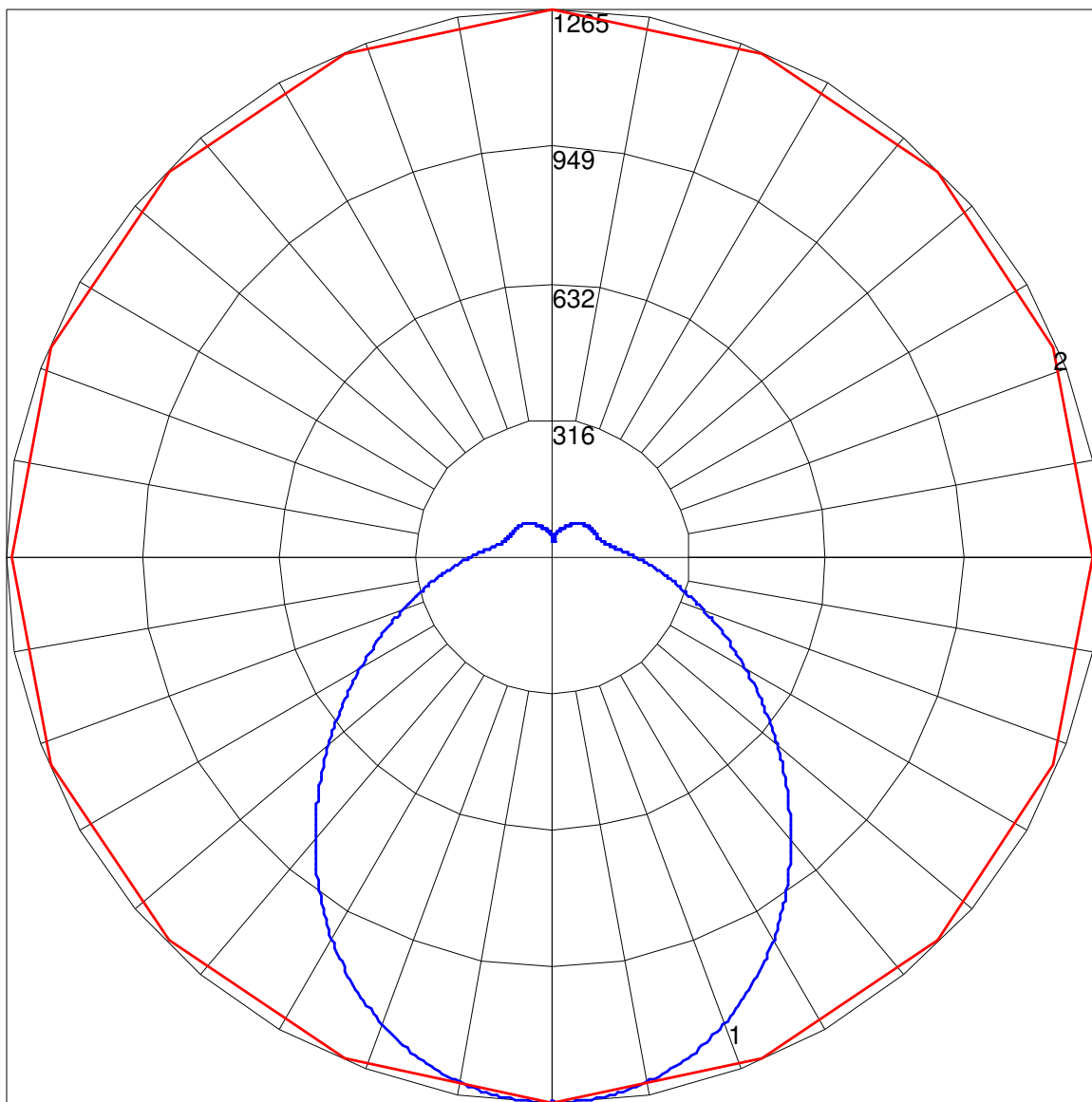
Reflectances

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	17.5	18.8	18.0	19.4	20.0	19.1	20.5	19.7	21.0	21.7
	3H	18.8	20.1	19.4	20.6	21.3	21.3	22.5	21.9	23.1	23.8
	4H	19.3	20.4	19.9	21.0	21.7	22.4	23.5	22.9	24.1	24.8
	6H	19.6	20.7	20.2	21.3	21.9	23.5	24.6	24.1	25.2	25.8
	8H	19.6	20.7	20.3	21.3	22.0	24.0	25.1	24.7	25.7	26.4
	12H	19.7	20.7	20.3	21.3	22.0	24.7	25.7	25.3	26.3	27.0
4H	2H	18.2	19.4	18.8	20.0	20.6	19.5	20.7	20.1	21.3	21.9
	3H	19.8	20.8	20.4	21.4	22.1	21.9	22.9	22.5	23.6	24.3
	4H	20.4	21.3	21.0	21.9	22.6	23.2	24.1	23.8	24.7	25.4
	6H	20.8	21.6	21.4	22.2	23.0	24.5	25.3	25.1	25.9	26.7
	8H	20.9	21.6	21.6	22.3	23.0	25.2	25.9	25.8	26.6	27.3
	12H	21.0	21.6	21.6	22.3	23.1	25.9	26.6	26.6	27.3	28.1
8H	4H	20.9	21.7	21.6	22.3	23.1	23.4	24.1	24.0	24.8	25.5
	6H	21.5	22.1	22.2	22.8	23.6	24.9	25.5	25.5	26.2	26.9
	8H	21.7	22.3	22.4	23.0	23.8	25.7	26.3	26.4	27.0	27.7
	12H	21.9	22.4	22.6	23.1	23.9	26.7	27.2	27.4	27.9	28.7
12H	4H	21.1	21.8	21.8	22.4	23.2	23.4	24.1	24.0	24.7	25.5
	6H	21.8	22.3	22.5	23.0	23.8	24.9	25.5	25.6	26.1	27.0
	8H	22.1	22.6	22.8	23.3	24.1	25.8	26.3	26.5	27.0	27.8

Maximum UGR = 28.7

POLAR GRAPH



Maximum Candela = 1264.921 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.)