

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-3-L40-840-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-3-L40-840-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	4002
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	142
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	11561	10385	10327
55	9982	8877	9066
65	8351	7588	8080
75	6631	6606	7552
85	4675	6452	7979

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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	1295.089	1295.089	1295.089	1295.089	1295.089
0.5	1288.947	1293.860	1294.679	1294.270	1302.868
1.0	1288.947	1294.270	1294.270	1293.860	1302.459
1.5	1287.719	1294.270	1293.860	1293.451	1302.868
2.0	1287.309	1293.041	1293.860	1293.041	1301.640
2.5	1287.309	1293.041	1292.632	1292.632	1300.821
3.0	1286.081	1291.813	1291.813	1291.813	1300.002
3.5	1285.262	1290.585	1290.585	1290.994	1299.183
4.0	1284.443	1289.766	1289.766	1289.356	1298.364
4.5	1282.396	1288.538	1288.947	1288.538	1297.136
5.0	1281.167	1287.309	1287.309	1287.309	1295.908
5.5	1279.530	1285.671	1285.671	1286.081	1294.270
6.0	1278.711	1283.624	1284.034	1284.034	1292.632
6.5	1275.845	1281.986	1282.396	1282.396	1290.585
7.0	1274.207	1279.939	1280.349	1279.939	1288.947
7.5	1272.569	1277.482	1278.301	1278.301	1286.900
8.0	1270.522	1275.845	1275.845	1275.845	1284.034
8.5	1268.475	1272.978	1273.797	1273.797	1281.577
9.0	1265.199	1270.931	1271.341	1270.931	1278.711
9.5	1263.152	1268.065	1268.065	1268.065	1277.073
10.0	1259.876	1264.789	1264.789	1265.608	1273.797
10.5	1257.010	1261.923	1262.333	1262.333	1270.931
11.0	1254.144	1259.057	1259.467	1259.057	1267.656
11.5	1250.459	1255.782	1256.600	1255.782	1264.789
12.0	1247.183	1252.097	1252.915	1252.915	1261.104
12.5	1243.908	1248.411	1249.640	1248.821	1257.829
13.0	1240.222	1245.136	1245.955	1245.545	1254.144
13.5	1236.537	1241.041	1241.860	1241.860	1250.868
14.0	1232.034	1236.947	1237.766	1237.766	1246.364
14.5	1228.348	1232.852	1233.671	1233.671	1243.089
15.0	1224.663	1228.758	1229.167	1229.167	1238.175
15.5	1220.159	1223.845	1225.073	1225.073	1233.262
16.0	1215.246	1219.341	1220.569	1220.569	1229.167
16.5	1211.152	1214.427	1215.656	1216.065	1224.663
17.0	1205.419	1209.104	1210.742	1211.152	1219.750
17.5	1200.506	1204.191	1205.829	1206.238	1214.837
18.0	1196.002	1199.278	1200.506	1201.734	1210.333
18.5	1190.679	1194.364	1195.593	1196.411	1205.010
19.0	1185.356	1188.222	1190.270	1191.089	1199.278
19.5	1179.215	1183.309	1184.947	1186.585	1193.955
20.0	1172.663	1177.167	1179.215	1180.443	1188.222
20.5	1166.112	1171.844	1173.482	1175.120	1182.900
21.0	1160.789	1165.293	1166.522	1169.797	1177.167
21.5	1154.648	1159.152	1161.199	1162.837	1171.026
22.0	1148.096	1153.419	1155.466	1157.104	1165.703
22.5	1142.364	1146.049	1148.915	1151.372	1159.561
23.0	1135.403	1139.498	1142.364	1144.821	1153.010
23.5	1128.033	1132.537	1136.222	1138.679	1146.868
24.0	1120.663	1125.577	1129.262	1132.128	1140.317
24.5	1114.522	1118.616	1122.710	1125.167	1132.947
25.0	1107.561	1111.655	1116.159	1118.616	1126.396
25.5	1099.781	1104.695	1108.380	1112.065	1118.616
26.0	1092.411	1096.915	1101.829	1105.104	1112.474
26.5	1084.632	1089.136	1094.868	1097.734	1105.514

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CANDELA TABULATION - (Cont.)

27.0	1076.852	1080.947	1087.907	1091.592	1098.553
27.5	1067.844	1073.167	1080.128	1083.403	1091.592
28.0	1061.293	1065.388	1072.348	1076.033	1083.813
28.5	1052.695	1057.608	1064.569	1068.254	1076.033
29.0	1044.506	1049.419	1056.380	1060.884	1068.663
29.5	1035.907	1040.821	1048.191	1052.695	1060.474
30.0	1027.309	1032.632	1040.002	1045.734	1053.514
30.5	1018.301	1023.624	1032.222	1037.954	1045.325
31.0	1009.702	1015.025	1023.624	1029.765	1036.726
31.5	1000.695	1006.836	1015.435	1021.986	1029.356
32.0	992.096	997.419	1007.246	1013.387	1020.758
32.5	982.679	988.411	998.647	1005.198	1012.569
33.0	973.671	979.813	989.230	997.010	1004.380
33.5	965.072	970.805	981.041	988.002	995.781
34.0	954.836	961.387	972.033	979.813	988.002
34.5	945.419	952.380	963.435	970.805	978.994
35.0	936.820	942.553	954.836	962.616	970.395
35.5	925.765	933.545	945.419	953.608	961.387
36.0	917.167	923.718	936.411	944.600	952.789
36.5	906.521	913.891	926.994	936.002	944.600
37.0	896.694	904.474	917.576	926.584	936.002
37.5	886.458	894.238	908.568	918.395	926.584
38.0	876.222	884.411	898.742	908.978	916.757
38.5	865.576	874.175	889.324	900.379	907.750
39.0	856.159	863.938	879.498	890.962	900.379
39.5	845.513	854.521	870.080	881.545	890.553
40.0	834.049	843.875	860.253	872.946	881.135
40.5	823.403	833.639	850.836	863.938	872.127
41.0	813.576	823.403	841.009	854.521	862.710
41.5	802.930	813.167	831.182	845.104	853.702
42.0	792.285	802.930	821.356	836.096	844.694
42.5	782.049	792.285	811.119	826.679	835.277
43.0	770.584	782.049	801.702	817.671	826.269
43.5	760.757	771.403	791.466	808.253	817.261
44.0	749.702	760.757	781.230	799.245	807.844
44.5	739.466	750.521	770.993	789.419	798.427
45.0	728.820	739.875	761.167	780.820	789.828
45.5	718.174	729.639	751.340	771.812	780.820
46.0	707.529	718.993	740.694	761.985	771.403
46.5	696.883	708.348	731.686	753.797	762.395
47.0	685.828	698.111	721.450	743.970	753.387
47.5	675.182	687.466	711.214	734.552	743.970
48.0	664.946	676.820	700.978	725.954	734.552
48.5	653.481	666.584	691.560	716.127	725.544
49.0	643.245	655.529	680.914	706.710	716.127
49.5	632.599	645.292	671.088	697.702	707.119
50.0	621.544	634.647	661.261	687.875	697.702
50.5	611.308	624.410	651.025	679.686	689.103
51.0	600.662	613.765	642.017	670.269	680.096
51.5	590.426	603.119	631.781	661.261	671.088
52.0	579.371	592.883	621.954	651.844	662.080
52.5	568.725	582.237	612.536	642.426	653.481
53.0	557.670	572.001	602.710	634.237	644.064
53.5	547.025	561.765	593.292	624.820	635.466
54.0	536.788	551.528	583.875	615.812	626.867
54.5	526.961	540.883	574.458	607.623	618.269

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55.0	516.725	531.056	565.040	598.206	610.489
55.5	508.127	520.820	555.623	589.607	601.072
56.0	498.300	511.812	546.615	581.009	592.473
56.5	488.064	502.395	537.198	572.410	584.284
57.0	478.237	492.977	528.190	563.812	575.686
57.5	468.001	483.150	520.410	555.623	566.269
58.0	457.765	473.324	511.402	546.615	559.308
58.5	447.938	463.497	502.395	538.836	551.119
59.0	438.111	453.670	493.796	531.875	542.521
59.5	428.284	444.253	486.017	523.276	535.969
60.0	418.457	434.426	477.418	515.087	527.780
60.5	408.835	425.009	468.820	507.308	519.591
61.0	399.172	415.591	460.221	499.528	511.812
61.5	389.591	406.256	451.623	491.749	504.442
62.0	380.174	397.002	443.434	484.379	496.662
62.5	370.879	387.831	434.835	477.009	489.292
63.0	361.462	378.700	426.646	469.229	482.741
63.5	352.127	369.692	418.867	461.859	475.371
64.0	343.037	360.807	410.678	454.079	468.001
64.5	333.988	352.127	402.898	446.709	460.631
65.0	325.021	343.405	395.078	439.339	453.670
65.5	316.177	334.889	387.339	431.969	446.300
66.0	307.210	326.372	379.683	424.599	439.339
66.5	298.448	318.060	372.067	417.638	432.379
67.0	289.890	309.830	364.492	410.268	425.418
67.5	281.292	301.723	357.081	403.390	418.457
68.0	272.816	293.821	349.711	396.429	411.906
68.5	264.463	285.960	342.504	389.673	405.068
69.0	256.152	278.180	335.380	382.876	398.599
69.5	247.963	270.564	328.338	376.284	392.171
70.0	239.815	263.071	321.418	369.815	385.783
70.5	231.871	255.660	314.498	363.345	379.478
71.0	224.010	248.331	307.701	356.958	373.254
71.5	216.230	241.166	301.068	350.734	367.112
72.0	208.615	233.959	294.435	344.552	361.134
72.5	200.958	226.999	287.966	338.492	355.197
73.0	193.506	220.079	281.537	332.514	349.219
73.5	186.259	213.241	275.314	326.577	343.405
74.0	179.093	206.608	269.008	320.845	337.550
74.5	172.051	199.934	262.989	315.153	332.023
75.0	165.049	193.424	257.011	309.585	326.659
75.5	158.170	187.077	251.115	304.057	321.213
76.0	151.496	180.854	245.383	298.571	315.890
76.5	144.863	174.712	239.692	293.207	310.567
77.0	138.312	168.611	234.082	287.884	305.408
77.5	131.884	162.674	228.555	282.725	300.290
78.0	125.537	156.860	223.191	277.648	295.254
78.5	119.314	151.128	217.868	272.530	290.259
79.0	113.213	145.559	212.709	267.575	285.345
79.5	107.153	140.032	207.632	262.744	280.432
80.0	101.175	134.586	202.555	257.953	275.764
80.5	95.361	129.304	197.641	253.122	271.015
81.0	89.710	124.104	192.933	248.454	266.388
81.5	83.978	119.027	188.224	243.827	261.761
82.0	78.451	114.073	183.638	239.364	257.298
82.5	73.046	109.200	179.134	234.901	252.917

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CANDELA TABULATION - (Cont.)

83.0	67.723	104.451	174.712	230.602	248.659
83.5	62.441	99.824	170.495	226.221	244.237
84.0	57.282	95.320	166.400	222.085	240.019
84.5	52.164	90.980	162.388	217.991	235.884
85.0	47.250	86.762	158.457	213.937	231.748
85.5	42.337	82.750	154.608	210.007	227.736
86.0	37.506	78.901	150.841	206.158	223.764
86.5	32.715	75.298	147.279	202.309	219.792
87.0	28.006	71.817	143.676	198.665	215.903
87.5	23.298	68.583	140.277	194.980	212.177
88.0	18.630	65.430	136.920	191.418	208.410
88.5	13.921	62.482	133.685	187.896	204.766
89.0	9.622	59.698	130.614	184.498	201.163
89.5	6.101	57.118	127.625	181.222	197.641
90.0	3.644	54.825	124.882	178.111	194.407
90.5	2.580	52.819	122.344	174.999	190.967
91.0	2.743	50.976	119.764	171.846	187.692
91.5	3.276	49.216	117.184	168.857	184.416
92.0	3.890	47.742	114.728	165.827	181.222
92.5	4.545	46.473	112.640	162.920	178.070
93.0	5.200	45.367	110.469	160.177	175.040
93.5	5.896	44.507	108.422	157.474	172.174
94.0	6.633	43.770	106.498	154.936	169.389
94.5	7.329	43.238	104.696	152.356	166.523
95.0	8.025	42.828	103.017	149.818	163.780
95.5	8.680	42.542	101.462	147.402	161.077
96.0	9.213	42.419	100.110	145.068	158.416
96.5	9.745	42.419	98.759	142.898	155.959
97.0	10.236	42.460	97.531	140.810	153.503
97.5	10.769	42.624	96.384	138.803	151.251
98.0	11.219	42.787	95.361	136.838	148.958
98.5	11.751	42.992	94.501	134.955	146.829
99.0	12.283	43.238	93.600	133.194	144.740
99.5	12.857	43.524	92.822	131.515	142.693
100.0	13.348	43.811	92.208	129.959	140.851
100.5	13.921	44.139	91.594	128.444	138.967
101.0	14.413	44.466	91.143	127.011	137.288
101.5	14.904	44.794	90.693	125.660	135.569
102.0	15.354	45.121	90.366	124.391	134.054
102.5	15.805	45.449	90.038	123.203	132.539
103.0	16.255	45.817	89.792	122.016	131.188
103.5	16.746	46.186	89.588	120.992	129.795
104.0	17.279	46.513	89.383	120.051	128.526
104.5	17.811	46.882	89.260	119.150	127.339
105.0	18.302	47.250	89.137	118.331	126.192
105.5	18.753	47.578	89.014	117.471	125.210
106.0	19.285	47.987	88.973	116.734	124.227
106.5	19.776	48.356	88.973	116.038	123.244
107.0	20.268	48.765	88.973	115.383	122.425
107.5	20.718	49.093	88.973	114.892	121.566
108.0	21.291	49.502	88.973	114.318	120.706
108.5	21.824	49.912	89.014	113.909	120.132
109.0	22.356	50.239	89.096	113.377	119.559
109.5	22.929	50.608	89.137	113.008	118.945
110.0	23.502	50.976	89.219	112.599	118.454
110.5	24.076	51.345	89.301	112.230	118.003

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111.0	24.649	51.713	89.342	111.903	117.512
111.5	25.222	52.041	89.383	111.657	117.103
112.0	25.836	52.410	89.465	111.411	116.611
112.5	26.450	52.778	89.547	111.125	116.161
113.0	27.106	53.147	89.669	110.920	115.956
113.5	27.720	53.474	89.669	110.715	115.669
114.0	28.375	53.802	89.751	110.551	115.383
114.5	28.989	54.170	89.833	110.347	115.137
115.0	29.644	54.457	89.915	110.224	114.932
115.5	30.299	54.825	89.915	110.101	114.728
116.0	30.913	55.153	90.038	109.937	114.482
116.5	31.487	55.480	90.120	109.773	114.400
117.0	32.142	55.849	90.202	109.773	114.195
117.5	32.756	56.136	90.284	109.610	114.073
118.0	33.288	56.422	90.366	109.528	113.909
118.5	33.902	56.709	90.406	109.405	113.868
119.0	34.435	56.995	90.488	109.282	113.622
119.5	35.008	57.200	90.570	109.159	113.581
120.0	35.540	57.405	90.529	109.077	113.377
120.5	36.072	57.650	90.570	108.914	113.336
121.0	36.605	57.814	90.652	108.791	113.172
121.5	37.178	58.019	90.611	108.627	113.090
122.0	37.710	58.265	90.611	108.545	112.967
122.5	38.243	58.510	90.652	108.381	112.680
123.0	38.775	58.756	90.611	108.217	112.640
123.5	39.266	58.961	90.529	108.095	112.394
124.0	39.676	59.125	90.529	107.972	112.353
124.5	40.085	59.288	90.529	107.767	112.189
125.0	40.495	59.493	90.447	107.562	112.025
125.5	40.904	59.616	90.366	107.440	111.821
126.0	41.273	59.780	90.325	107.194	111.657
126.5	41.600	59.984	90.243	107.030	111.534
127.0	41.969	60.066	90.161	106.825	111.370
127.5	42.255	60.189	90.038	106.621	111.084
128.0	42.624	60.189	89.997	106.375	110.920
128.5	42.910	60.271	89.833	106.170	110.756
129.0	43.197	60.353	89.669	105.966	110.551
129.5	43.443	60.476	89.383	105.638	110.306
130.0	43.647	60.558	89.096	105.433	110.060
130.5	43.852	60.639	88.769	105.188	109.773
131.0	43.975	60.762	88.441	104.819	109.487
131.5	44.139	60.885	88.114	104.492	109.200
132.0	44.302	61.008	87.745	104.287	108.955
132.5	44.384	61.049	87.336	103.877	108.586
133.0	44.507	61.090	87.172	103.509	108.136
133.5	44.548	61.049	86.926	103.222	107.931
134.0	44.589	60.967	86.762	102.895	107.644
134.5	44.712	60.803	86.558	102.526	107.112
135.0	44.835	60.680	86.312	102.035	106.703
135.5	44.794	60.353	86.107	101.707	106.375
136.0	44.876	60.312	85.821	101.298	105.966
136.5	44.958	60.189	85.616	100.847	105.556
137.0	44.998	59.984	85.288	100.479	105.106
137.5	45.039	59.780	85.002	99.988	104.696
138.0	45.121	59.657	84.592	99.578	104.205
138.5	45.121	59.493	84.060	99.128	103.836

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	45.080	59.370	83.446	98.595	103.263
139.5	45.080	59.206	82.709	98.022	102.854
140.0	45.080	59.002	81.890	97.490	102.280
140.5	45.080	58.879	81.153	96.835	101.666
141.0	45.080	58.797	80.334	96.139	101.175
141.5	45.080	58.633	79.515	95.525	100.684
142.0	45.039	58.551	78.737	94.747	100.151
142.5	44.998	58.428	77.918	94.051	99.537
143.0	44.958	58.306	77.140	93.395	98.923
143.5	44.958	58.142	76.239	92.699	98.350
144.0	44.958	57.937	75.462	92.167	97.695
144.5	45.080	57.773	74.684	91.553	97.121
145.0	45.244	57.610	73.824	91.021	96.466
145.5	45.531	57.405	73.046	90.488	95.811
146.0	45.899	57.241	72.309	89.915	95.197
146.5	46.268	57.077	71.695	89.301	94.501
147.0	46.636	56.873	70.999	88.687	93.805
147.5	46.964	56.791	70.466	88.073	93.109
148.0	47.332	56.627	69.893	87.377	92.372
148.5	47.660	56.586	69.443	86.721	91.635
149.0	48.069	56.586	68.951	86.066	90.980
149.5	48.356	56.709	68.501	85.370	90.161
150.0	48.684	56.791	68.051	84.715	89.301
150.5	48.970	56.832	67.559	83.978	88.400
151.0	49.175	56.954	66.904	83.241	87.336
151.5	49.380	56.995	66.208	82.463	86.353
152.0	49.625	57.077	65.553	81.644	85.370
152.5	49.871	57.159	64.939	80.784	84.306
153.0	50.035	57.200	64.284	79.802	83.446
153.5	50.239	57.323	63.588	78.778	82.463
154.0	50.403	57.282	62.973	77.632	81.644
154.5	50.608	57.323	62.441	76.526	80.825
155.0	50.690	57.405	61.909	75.257	80.211
155.5	50.854	57.446	61.376	74.069	79.556
156.0	50.976	57.446	61.008	72.800	78.983
156.5	51.181	57.446	60.639	71.531	78.246
157.0	51.263	57.528	60.271	70.384	77.550
157.5	51.386	57.528	60.025	69.279	76.772
158.0	51.550	57.487	59.902	68.132	76.035
158.5	51.591	57.487	59.739	67.191	75.175
159.0	51.795	57.364	59.616	66.290	74.438
159.5	51.959	57.282	59.411	65.430	73.619
160.0	52.164	57.200	59.206	64.734	72.800
160.5	52.410	57.159	59.043	64.079	72.022
161.0	52.573	57.036	59.002	63.383	71.244
161.5	52.819	56.995	58.920	62.687	70.671
162.0	53.024	56.913	59.043	62.113	70.180
162.5	53.228	56.913	59.125	61.499	69.606
163.0	53.474	56.873	59.165	60.844	69.115
163.5	53.679	56.873	59.247	60.148	68.501
164.0	53.761	56.873	59.329	59.288	67.928
164.5	53.884	56.791	59.247	58.633	67.191
165.0	54.006	56.791	59.125	57.978	66.454
165.5	54.129	56.750	59.002	57.528	65.676
166.0	54.252	56.709	58.920	57.036	64.488
166.5	54.375	56.709	58.797	56.627	63.915

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	54.539	56.709	58.674	56.258	63.465
167.5	54.621	56.709	58.428	55.931	63.014
168.0	54.743	56.709	58.224	55.603	62.646
168.5	54.989	56.545	57.937	55.317	62.195
169.0	55.112	56.586	57.732	55.030	61.745
169.5	55.317	56.463	57.405	54.702	61.254
170.0	55.399	56.422	57.118	54.293	60.803
170.5	55.521	56.340	56.750	53.843	60.312
171.0	55.603	56.258	56.340	53.351	59.698
171.5	55.726	56.258	55.972	52.901	59.206
172.0	55.931	56.176	55.767	52.450	58.469
172.5	56.054	56.176	55.521	51.959	57.650
173.0	56.217	56.095	55.317	51.509	56.258
173.5	56.422	56.136	55.235	51.058	54.170
174.0	56.586	56.136	55.194	50.690	51.591
174.5	56.709	56.136	55.112	50.321	48.520
175.0	56.954	56.258	55.071	50.035	45.039
175.5	57.036	56.299	55.030	49.912	41.395
176.0	57.200	56.381	55.030	49.789	39.021
176.5	57.241	56.422	54.989	49.789	37.342
177.0	57.405	56.504	54.907	49.666	35.622
177.5	57.446	56.504	54.784	49.625	35.254
178.0	57.610	56.586	54.743	49.584	35.335
178.5	57.691	56.627	54.784	49.502	35.417
179.0	57.773	56.627	54.743	49.380	35.458
179.5	57.855	56.627	54.702	49.339	35.499
180.0	51.877	51.877	51.877	51.877	51.877

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-3-L40-840-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	468.77	N.A.	11.70
0-30	982.23	N.A.	24.50
0-40	1577.81	N.A.	39.40
0-60	2670.24	N.A.	66.70
0-80	3326.65	N.A.	83.10
0-90	3491.73	N.A.	87.30
10-90	3369.52	N.A.	84.20
20-40	1109.04	N.A.	27.70
20-50	1695.55	N.A.	42.40
40-70	1481.57	N.A.	37.00
60-80	656.40	N.A.	16.40
70-80	267.26	N.A.	6.70
80-90	165.08	N.A.	4.10
90-110	192.82	N.A.	4.80
90-120	273.99	N.A.	6.80
90-130	348.70	N.A.	8.70
90-150	457.78	N.A.	11.40
90-180	509.93	N.A.	12.70
110-180	317.11	N.A.	7.90
0-180	4001.66	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	122.21
10-20	346.56
20-30	513.46
30-40	595.59
40-50	586.50
50-60	505.93
60-70	389.14
70-80	267.26
80-90	165.08
90-100	105.77
100-110	87.05
110-120	81.17
120-130	74.71
130-140	62.78
140-150	46.30
150-160	30.27
160-170	16.68
170-180	5.20

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-3-L40-840-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-3-L40-840-DIM-UNV_.IES

UGR TABLE - CORRECTED

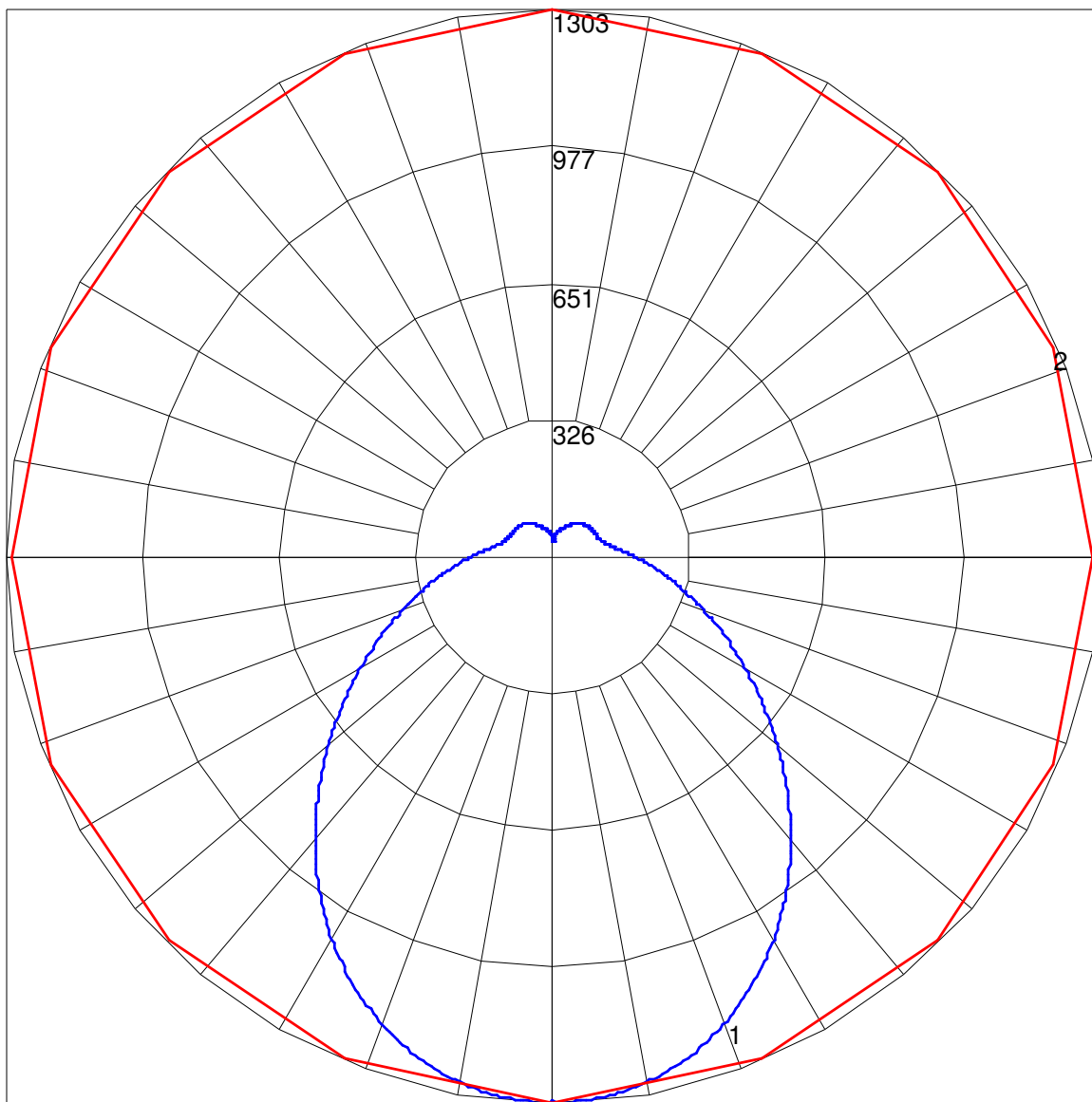
Reflectances

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	17.6	18.9	18.1	19.5	20.1	19.2	20.6	19.8	21.1	21.8
	3H	18.9	20.2	19.5	20.7	21.4	21.4	22.6	22.0	23.2	23.9
	4H	19.4	20.5	20.0	21.1	21.8	22.5	23.6	23.0	24.2	24.9
	6H	19.7	20.8	20.3	21.4	22.0	23.6	24.7	24.2	25.3	25.9
	8H	19.7	20.8	20.4	21.4	22.1	24.1	25.2	24.8	25.8	26.5
	12H	19.8	20.8	20.4	21.4	22.1	24.8	25.8	25.4	26.4	27.1
4H	2H	18.3	19.5	18.9	20.1	20.7	19.6	20.8	20.2	21.4	22.0
	3H	19.9	20.9	20.5	21.5	22.2	22.0	23.0	22.6	23.7	24.4
	4H	20.5	21.4	21.1	22.0	22.7	23.3	24.2	23.9	24.8	25.5
	6H	20.9	21.7	21.5	22.3	23.1	24.6	25.4	25.2	26.0	26.8
	8H	21.0	21.7	21.6	22.4	23.1	25.3	26.0	25.9	26.7	27.4
	12H	21.1	21.7	21.7	22.4	23.2	26.0	26.7	26.7	27.4	28.2
8H	4H	21.0	21.8	21.7	22.4	23.2	23.5	24.2	24.1	24.9	25.6
	6H	21.6	22.2	22.3	22.9	23.7	25.0	25.6	25.6	26.3	27.0
	8H	21.8	22.4	22.5	23.1	23.9	25.8	26.4	26.5	27.1	27.8
	12H	22.0	22.5	22.7	23.2	24.0	26.8	27.3	27.5	28.0	28.8
12H	4H	21.2	21.9	21.9	22.5	23.3	23.5	24.1	24.1	24.8	25.6
	6H	21.9	22.4	22.6	23.1	23.9	25.0	25.6	25.7	26.2	27.1
	8H	22.2	22.7	22.9	23.4	24.2	25.9	26.4	26.6	27.1	27.9

Maximum UGR = 28.8

POLAR GRAPH



Maximum Candela = 1302.868 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.)