

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L42-840-HE-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-2-L42-840-HE-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	4264
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	185
Total Luminaire Watts	23
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)	1.88 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	18116	16361	16411
55	15552	13947	14407
65	12891	11873	12839
75	10045	10270	12001
85	6607	9895	12680

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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	1380.095	1380.095	1380.095	1380.095	1380.095
0.5	1373.550	1378.786	1379.658	1379.222	1388.385
1.0	1373.550	1379.222	1379.222	1378.786	1387.949
1.5	1372.241	1379.222	1378.786	1378.349	1388.385
2.0	1371.805	1377.913	1378.786	1377.913	1387.076
2.5	1371.805	1377.913	1377.477	1377.477	1386.203
3.0	1370.496	1376.604	1376.604	1376.604	1385.331
3.5	1369.623	1375.295	1375.295	1375.731	1384.458
4.0	1368.750	1374.422	1374.422	1373.986	1383.585
4.5	1366.569	1373.114	1373.550	1373.114	1382.276
5.0	1365.260	1371.805	1371.805	1371.805	1380.967
5.5	1363.514	1370.059	1370.059	1370.496	1379.222
6.0	1362.642	1367.878	1368.314	1368.314	1377.477
6.5	1359.587	1366.132	1366.569	1366.569	1375.295
7.0	1357.842	1363.951	1364.387	1363.951	1373.550
7.5	1356.097	1361.333	1362.205	1362.205	1371.368
8.0	1353.915	1359.587	1359.587	1359.587	1368.314
8.5	1351.734	1356.533	1357.406	1357.406	1365.696
9.0	1348.243	1354.352	1354.788	1354.352	1362.642
9.5	1346.061	1351.297	1351.297	1351.297	1360.896
10.0	1342.571	1347.807	1347.807	1348.679	1357.406
10.5	1339.517	1344.752	1345.189	1345.189	1354.352
11.0	1336.462	1341.698	1342.134	1341.698	1350.861
11.5	1332.535	1338.208	1339.080	1338.208	1347.807
12.0	1329.045	1334.281	1335.153	1335.153	1343.880
12.5	1325.554	1330.354	1331.663	1330.790	1340.389
13.0	1321.627	1326.863	1327.736	1327.299	1336.462
13.5	1317.700	1322.500	1323.373	1323.373	1332.972
14.0	1312.901	1318.137	1319.009	1319.009	1328.172
14.5	1308.974	1313.773	1314.646	1314.646	1324.681
15.0	1305.047	1309.410	1309.846	1309.846	1319.446
15.5	1300.247	1304.174	1305.483	1305.483	1314.210
16.0	1295.011	1299.375	1300.684	1300.684	1309.846
16.5	1290.648	1294.139	1295.448	1295.884	1305.047
17.0	1284.540	1288.467	1290.212	1290.648	1299.811
17.5	1279.304	1283.231	1284.976	1285.412	1294.575
18.0	1274.504	1277.995	1279.304	1280.613	1289.776
18.5	1268.832	1272.759	1274.068	1274.940	1284.103
19.0	1263.160	1266.214	1268.396	1269.268	1277.995
19.5	1256.615	1260.978	1262.723	1264.469	1272.323
20.0	1249.634	1254.433	1256.615	1257.924	1266.214
20.5	1242.652	1248.761	1250.506	1252.252	1260.542
21.0	1236.980	1241.780	1243.089	1246.579	1254.433
21.5	1230.435	1235.235	1237.417	1239.162	1247.888
22.0	1223.454	1229.126	1231.308	1233.053	1242.216
22.5	1217.346	1221.273	1224.327	1226.945	1235.671
23.0	1209.928	1214.291	1217.346	1219.964	1228.690
23.5	1202.074	1206.874	1210.801	1213.419	1222.145
24.0	1194.220	1199.456	1203.383	1206.438	1215.164
24.5	1187.676	1192.039	1196.402	1199.020	1207.310
25.0	1180.258	1184.621	1189.421	1192.039	1200.329
25.5	1171.968	1177.204	1181.131	1185.058	1192.039
26.0	1164.114	1168.914	1174.149	1177.640	1185.494
26.5	1155.824	1160.623	1166.732	1169.786	1178.076

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CANDELA TABULATION - (Cont.)

27.0	1147.534	1151.897	1159.314	1163.241	1170.659
27.5	1137.935	1143.607	1151.024	1154.515	1163.241
28.0	1130.953	1135.317	1142.734	1146.661	1154.951
28.5	1121.791	1127.026	1134.444	1138.371	1146.661
29.0	1113.064	1118.300	1125.717	1130.517	1138.807
29.5	1103.901	1109.137	1116.991	1121.791	1130.081
30.0	1094.738	1100.411	1108.264	1114.373	1122.663
30.5	1085.139	1090.811	1099.974	1106.083	1113.937
31.0	1075.976	1081.649	1090.811	1097.356	1104.774
31.5	1066.377	1072.922	1082.085	1089.066	1096.920
32.0	1057.214	1062.887	1073.359	1079.903	1087.757
32.5	1047.179	1053.288	1064.196	1071.177	1079.031
33.0	1037.580	1044.125	1054.160	1062.450	1070.304
33.5	1028.417	1034.526	1045.434	1052.851	1061.141
34.0	1017.509	1024.490	1035.835	1044.125	1052.851
34.5	1007.473	1014.891	1026.672	1034.526	1043.252
35.0	998.311	1004.419	1017.509	1025.799	1034.089
35.5	986.530	994.820	1007.473	1016.200	1024.490
36.0	977.367	984.348	997.874	1006.601	1015.327
36.5	966.023	973.876	987.839	997.438	1006.601
37.0	955.551	963.841	977.803	987.403	997.438
37.5	944.643	952.933	968.204	978.676	987.403
38.0	933.735	942.461	957.732	968.641	976.931
38.5	922.390	931.553	947.697	959.478	967.332
39.0	912.355	920.645	937.225	949.442	959.478
39.5	901.010	910.609	927.190	939.407	949.006
40.0	888.793	899.265	916.718	930.244	938.971
40.5	877.449	888.357	906.683	920.645	929.371
41.0	866.977	877.449	896.211	910.609	919.336
41.5	855.633	866.541	885.739	900.574	909.737
42.0	844.288	855.633	875.267	890.975	900.138
42.5	833.380	844.288	864.359	880.939	890.102
43.0	821.163	833.380	854.324	871.340	880.503
43.5	810.691	822.036	843.415	861.305	870.904
44.0	798.910	810.691	832.507	851.706	860.868
44.5	788.002	799.783	821.599	841.234	850.833
45.0	776.658	788.439	811.127	832.071	841.670
45.5	765.313	777.530	800.656	822.472	832.071
46.0	753.969	766.186	789.311	812.000	822.036
46.5	742.624	754.842	779.712	803.274	812.436
47.0	730.844	743.933	768.804	792.802	802.837
47.5	719.499	732.589	757.896	782.766	792.802
48.0	708.591	721.245	746.988	773.604	782.766
48.5	696.374	710.336	736.952	763.132	773.167
49.0	685.466	698.556	725.608	753.096	763.132
49.5	674.122	687.648	715.136	743.497	753.533
50.0	662.341	676.303	704.664	733.025	743.497
50.5	651.433	665.395	693.756	724.299	734.334
51.0	640.088	654.051	684.157	714.263	724.735
51.5	629.180	642.706	673.249	704.664	715.136
52.0	617.399	631.798	662.777	694.629	705.537
52.5	606.055	620.454	652.742	684.593	696.374
53.0	594.274	609.545	642.270	675.867	686.339
53.5	582.930	598.637	632.234	665.831	677.176
54.0	572.022	587.729	622.199	656.232	668.013
54.5	561.550	576.385	612.163	647.506	658.850

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55.0	550.642	565.913	602.128	637.470	650.560
55.5	541.479	555.005	592.092	628.307	640.525
56.0	531.007	545.406	582.493	619.145	631.362
56.5	520.099	535.370	572.458	609.982	622.635
57.0	509.627	525.335	562.859	600.819	613.472
57.5	498.719	514.863	554.569	592.092	603.437
58.0	487.811	504.391	544.969	582.493	596.019
58.5	477.339	493.919	535.370	574.203	587.293
59.0	466.867	483.448	526.207	566.786	578.130
59.5	456.396	473.412	517.917	557.623	571.149
60.0	445.924	462.940	508.754	548.896	562.422
60.5	435.670	452.905	499.592	540.606	553.696
61.0	425.373	442.869	490.429	532.316	545.406
61.5	415.163	432.921	481.266	524.026	537.552
62.0	405.127	423.060	472.540	516.172	529.262
62.5	395.223	413.287	463.377	508.318	521.408
63.0	385.187	403.557	454.650	500.028	514.427
63.5	375.239	393.957	446.360	492.174	506.573
64.0	365.553	384.489	437.634	483.884	498.719
64.5	355.910	375.239	429.343	476.030	490.865
65.0	346.354	365.945	421.010	468.176	483.448
65.5	336.930	356.870	412.763	460.322	475.594
66.0	327.374	347.794	404.604	452.469	468.176
66.5	318.037	338.937	396.488	445.051	460.759
67.0	308.918	330.167	388.416	437.197	453.341
67.5	299.755	321.528	380.519	429.867	445.924
68.0	290.723	313.107	372.665	422.449	438.943
68.5	281.822	304.729	364.986	415.250	431.656
69.0	272.965	296.439	357.393	408.007	424.762
69.5	264.238	288.323	349.889	400.982	417.912
70.0	255.555	280.339	342.515	394.088	411.105
70.5	247.091	272.441	335.141	387.194	404.386
71.0	238.713	264.631	327.898	380.388	397.754
71.5	230.423	256.995	320.829	373.756	391.209
72.0	222.307	249.316	313.761	367.167	384.838
72.5	214.148	241.898	306.867	360.710	378.512
73.0	206.207	234.524	300.017	354.339	372.141
73.5	198.484	227.238	293.385	348.012	365.945
74.0	190.848	220.169	286.665	341.904	359.706
74.5	183.344	213.057	280.251	335.839	353.816
75.0	175.882	206.120	273.881	329.905	348.100
75.5	168.552	199.357	267.598	324.015	342.297
76.0	161.440	192.725	261.489	318.168	336.624
76.5	154.372	186.180	255.424	312.452	330.952
77.0	147.390	179.678	249.447	306.780	325.455
77.5	140.540	173.352	243.556	301.282	320.000
78.0	133.777	167.156	237.841	295.872	314.634
78.5	127.145	161.047	232.168	290.418	309.311
79.0	120.644	155.113	226.671	285.138	304.075
79.5	114.186	149.223	221.260	279.989	298.839
80.0	107.816	143.420	215.850	274.884	293.865
80.5	101.620	137.791	210.614	269.736	288.803
81.0	95.599	132.250	205.596	264.762	283.873
81.5	89.490	126.840	200.578	259.831	278.942
82.0	83.600	121.560	195.692	255.075	274.186
82.5	77.840	116.368	190.892	250.319	269.518

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83.0	72.168	111.306	186.180	245.738	264.980
83.5	66.540	106.376	181.686	241.069	260.268
84.0	61.042	101.576	177.322	236.662	255.773
84.5	55.588	96.951	173.046	232.299	251.367
85.0	50.352	92.457	168.858	227.980	246.960
85.5	45.116	88.181	164.756	223.791	242.684
86.0	39.967	84.080	160.742	219.689	238.451
86.5	34.862	80.240	156.946	215.588	234.219
87.0	29.845	76.531	153.106	211.705	230.074
87.5	24.827	73.084	149.485	207.778	226.103
88.0	19.853	69.725	145.907	203.982	222.089
88.5	14.835	66.583	142.460	200.229	218.206
89.0	10.254	63.616	139.188	196.608	214.366
89.5	6.501	60.867	136.002	193.117	210.614
90.0	3.883	58.424	133.079	189.801	207.167
90.5	2.749	56.286	130.374	186.485	203.502
91.0	2.923	54.322	127.625	183.125	200.011
91.5	3.491	52.446	124.876	179.940	196.521
92.0	4.145	50.875	122.258	176.711	193.117
92.5	4.843	49.523	120.033	173.614	189.758
93.0	5.541	48.345	117.720	170.690	186.529
93.5	6.283	47.428	115.539	167.810	183.474
94.0	7.068	46.643	113.488	165.105	180.507
94.5	7.810	46.076	111.568	162.356	177.453
95.0	8.552	45.640	109.779	159.651	174.530
95.5	9.250	45.334	108.121	157.077	171.650
96.0	9.817	45.203	106.681	154.590	168.814
96.5	10.385	45.203	105.241	152.277	166.196
97.0	10.908	45.247	103.933	150.052	163.578
97.5	11.475	45.421	102.711	147.914	161.178
98.0	11.955	45.596	101.620	145.820	158.735
98.5	12.523	45.814	100.704	143.813	156.466
99.0	13.090	46.076	99.744	141.936	154.241
99.5	13.701	46.381	98.915	140.147	152.059
100.0	14.224	46.687	98.260	138.489	150.096
100.5	14.835	47.036	97.606	136.875	148.089
101.0	15.359	47.385	97.126	135.348	146.300
101.5	15.882	47.734	96.646	133.908	144.467
102.0	16.362	48.083	96.297	132.555	142.853
102.5	16.842	48.432	95.948	131.290	141.238
103.0	17.322	48.825	95.686	130.025	139.798
103.5	17.846	49.217	95.468	128.934	138.315
104.0	18.413	49.566	95.250	127.930	136.962
104.5	18.980	49.959	95.119	126.970	135.697
105.0	19.504	50.352	94.988	126.098	134.475
105.5	19.984	50.701	94.857	125.182	133.428
106.0	20.551	51.137	94.813	124.396	132.381
106.5	21.074	51.530	94.813	123.654	131.334
107.0	21.598	51.966	94.813	122.956	130.461
107.5	22.078	52.315	94.813	122.433	129.545
108.0	22.689	52.752	94.813	121.822	128.628
108.5	23.256	53.188	94.857	121.386	128.018
109.0	23.823	53.537	94.944	120.818	127.407
109.5	24.434	53.930	94.988	120.426	126.752
110.0	25.045	54.322	95.075	119.989	126.229
110.5	25.656	54.715	95.162	119.597	125.749

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111.0	26.267	55.108	95.206	119.248	125.225
111.5	26.878	55.457	95.250	118.986	124.789
112.0	27.532	55.850	95.337	118.724	124.265
112.5	28.187	56.242	95.424	118.418	123.785
113.0	28.885	56.635	95.555	118.200	123.567
113.5	29.539	56.984	95.555	117.982	123.262
114.0	30.237	57.333	95.642	117.808	122.956
114.5	30.892	57.726	95.730	117.589	122.694
115.0	31.590	58.031	95.817	117.459	122.476
115.5	32.288	58.424	95.817	117.328	122.258
116.0	32.943	58.773	95.948	117.153	121.996
116.5	33.553	59.122	96.035	116.979	121.909
117.0	34.251	59.515	96.122	116.979	121.691
117.5	34.906	59.820	96.210	116.804	121.560
118.0	35.473	60.126	96.297	116.717	121.386
118.5	36.128	60.431	96.340	116.586	121.342
119.0	36.695	60.736	96.428	116.455	121.080
119.5	37.306	60.955	96.515	116.324	121.036
120.0	37.873	61.173	96.471	116.237	120.818
120.5	38.440	61.435	96.515	116.062	120.775
121.0	39.007	61.609	96.602	115.931	120.600
121.5	39.618	61.827	96.559	115.757	120.513
122.0	40.185	62.089	96.559	115.670	120.382
122.5	40.753	62.351	96.602	115.495	120.077
123.0	41.320	62.613	96.559	115.321	120.033
123.5	41.844	62.831	96.471	115.190	119.771
124.0	42.280	63.005	96.471	115.059	119.727
124.5	42.716	63.180	96.471	114.841	119.553
125.0	43.153	63.398	96.384	114.622	119.378
125.5	43.589	63.529	96.297	114.492	119.160
126.0	43.982	63.703	96.253	114.230	118.986
126.5	44.331	63.922	96.166	114.055	118.855
127.0	44.723	64.009	96.079	113.837	118.680
127.5	45.029	64.140	95.948	113.619	118.375
128.0	45.421	64.140	95.904	113.357	118.200
128.5	45.727	64.227	95.730	113.139	118.026
129.0	46.032	64.314	95.555	112.921	117.808
129.5	46.294	64.445	95.250	112.572	117.546
130.0	46.512	64.532	94.944	112.354	117.284
130.5	46.730	64.620	94.595	112.092	116.979
131.0	46.861	64.751	94.246	111.699	116.673
131.5	47.036	64.881	93.897	111.350	116.368
132.0	47.210	65.012	93.504	111.132	116.106
132.5	47.298	65.056	93.068	110.696	115.713
133.0	47.428	65.100	92.894	110.303	115.233
133.5	47.472	65.056	92.632	109.997	115.015
134.0	47.516	64.969	92.457	109.648	114.710
134.5	47.647	64.794	92.239	109.256	114.143
135.0	47.778	64.663	91.977	108.732	113.706
135.5	47.734	64.314	91.759	108.383	113.357
136.0	47.821	64.271	91.454	107.947	112.921
136.5	47.908	64.140	91.235	107.467	112.484
137.0	47.952	63.922	90.886	107.074	112.005
137.5	47.996	63.703	90.581	106.550	111.568
138.0	48.083	63.572	90.145	106.114	111.045
138.5	48.083	63.398	89.577	105.634	110.652

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-840-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	48.039	63.267	88.923	105.067	110.041
139.5	48.039	63.093	88.138	104.456	109.605
140.0	48.039	62.874	87.265	103.889	108.994
140.5	48.039	62.743	86.480	103.191	108.339
141.0	48.039	62.656	85.607	102.449	107.816
141.5	48.039	62.482	84.734	101.795	107.292
142.0	47.996	62.394	83.905	100.966	106.725
142.5	47.952	62.264	83.033	100.224	106.071
143.0	47.908	62.133	82.204	99.526	105.416
143.5	47.908	61.958	81.244	98.784	104.805
144.0	47.908	61.740	80.415	98.217	104.107
144.5	48.039	61.565	79.586	97.562	103.496
145.0	48.214	61.391	78.669	96.995	102.798
145.5	48.519	61.173	77.840	96.428	102.100
146.0	48.912	60.998	77.055	95.817	101.445
146.5	49.305	60.824	76.400	95.162	100.704
147.0	49.697	60.605	75.659	94.508	99.962
147.5	50.046	60.518	75.091	93.853	99.220
148.0	50.439	60.344	74.481	93.112	98.435
148.5	50.788	60.300	74.001	92.414	97.649
149.0	51.225	60.300	73.477	91.715	96.951
149.5	51.530	60.431	72.997	90.974	96.079
150.0	51.879	60.518	72.517	90.276	95.162
150.5	52.184	60.562	71.994	89.490	94.202
151.0	52.403	60.693	71.295	88.705	93.068
151.5	52.621	60.736	70.554	87.876	92.021
152.0	52.883	60.824	69.856	87.003	90.974
152.5	53.144	60.911	69.201	86.087	89.839
153.0	53.319	60.955	68.503	85.040	88.923
153.5	53.537	61.085	67.761	83.949	87.876
154.0	53.712	61.042	67.107	82.727	87.003
154.5	53.930	61.085	66.540	81.549	86.130
155.0	54.017	61.173	65.972	80.196	85.476
155.5	54.192	61.216	65.405	78.931	84.778
156.0	54.322	61.216	65.012	77.579	84.167
156.5	54.541	61.216	64.620	76.226	83.382
157.0	54.628	61.304	64.227	75.004	82.640
157.5	54.759	61.304	63.965	73.826	81.811
158.0	54.933	61.260	63.834	72.604	81.025
158.5	54.977	61.260	63.660	71.601	80.109
159.0	55.195	61.129	63.529	70.641	79.324
159.5	55.370	61.042	63.311	69.725	78.451
160.0	55.588	60.955	63.093	68.983	77.579
160.5	55.850	60.911	62.918	68.285	76.749
161.0	56.024	60.780	62.874	67.543	75.920
161.5	56.286	60.736	62.787	66.801	75.310
162.0	56.504	60.649	62.918	66.190	74.786
162.5	56.722	60.649	63.005	65.536	74.175
163.0	56.984	60.605	63.049	64.838	73.652
163.5	57.202	60.605	63.136	64.096	72.997
164.0	57.289	60.605	63.223	63.180	72.386
164.5	57.420	60.518	63.136	62.482	71.601
165.0	57.551	60.518	63.005	61.784	70.815
165.5	57.682	60.475	62.874	61.304	69.986
166.0	57.813	60.431	62.787	60.780	68.721
166.5	57.944	60.431	62.656	60.344	68.110

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-840-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	58.118	60.431	62.525	59.951	67.630
167.5	58.206	60.431	62.264	59.602	67.150
168.0	58.337	60.431	62.045	59.253	66.758
168.5	58.598	60.256	61.740	58.947	66.278
169.0	58.729	60.300	61.522	58.642	65.798
169.5	58.947	60.169	61.173	58.293	65.274
170.0	59.035	60.126	60.867	57.857	64.794
170.5	59.166	60.038	60.475	57.377	64.271
171.0	59.253	59.951	60.038	56.853	63.616
171.5	59.384	59.951	59.646	56.373	63.093
172.0	59.602	59.864	59.427	55.893	62.307
172.5	59.733	59.864	59.166	55.370	61.435
173.0	59.907	59.776	58.947	54.890	59.951
173.5	60.126	59.820	58.860	54.410	57.726
174.0	60.300	59.820	58.817	54.017	54.977
174.5	60.431	59.820	58.729	53.624	51.704
175.0	60.693	59.951	58.686	53.319	47.996
175.5	60.780	59.995	58.642	53.188	44.112
176.0	60.955	60.082	58.642	53.057	41.582
176.5	60.998	60.126	58.598	53.057	39.793
177.0	61.173	60.213	58.511	52.926	37.960
177.5	61.216	60.213	58.380	52.883	37.568
178.0	61.391	60.300	58.337	52.839	37.655
178.5	61.478	60.344	58.380	52.752	37.742
179.0	61.565	60.344	58.337	52.621	37.786
179.5	61.653	60.344	58.293	52.577	37.829
180.0	55.282	55.282	55.282	55.282	55.282

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-840-HE-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	499.54	N.A.	11.70
0-30	1046.7	N.A.	24.50
0-40	1681.38	N.A.	39.40
0-60	2845.51	N.A.	66.70
0-80	3545.00	N.A.	83.10
0-90	3720.92	N.A.	87.30
10-90	3590.69	N.A.	84.20
20-40	1181.84	N.A.	27.70
20-50	1806.84	N.A.	42.40
40-70	1578.82	N.A.	37.00
60-80	699.49	N.A.	16.40
70-80	284.81	N.A.	6.70
80-90	175.92	N.A.	4.10
90-110	205.48	N.A.	4.80
90-120	291.98	N.A.	6.80
90-130	371.59	N.A.	8.70
90-150	487.83	N.A.	11.40
90-180	543.40	N.A.	12.70
110-180	337.92	N.A.	7.90
0-180	4264.32	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	130.23
10-20	369.31
20-30	547.16
30-40	634.68
40-50	625.00
50-60	539.13
60-70	414.68
70-80	284.81
80-90	175.92
90-100	112.71
100-110	92.76
110-120	86.50
120-130	79.61
130-140	66.90
140-150	49.34
150-160	32.26
160-170	17.77
170-180	5.54

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-840-HE-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-2-L42-840-HE-DIM-UNV_.IES

UGR TABLE - CORRECTED

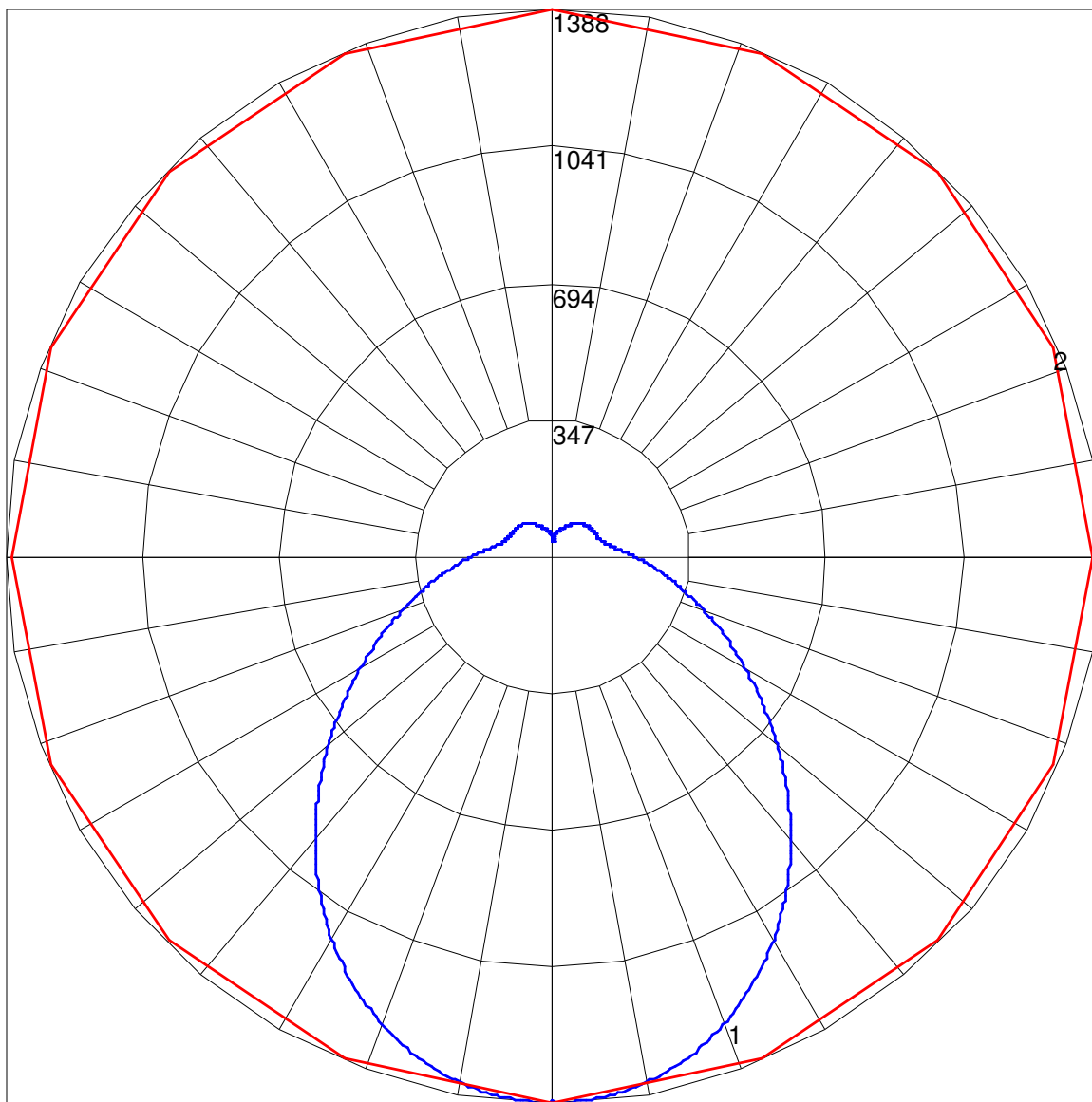
Reflectances

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	19.1	20.5	19.7	21.1	21.7	20.7	22.1	21.3	22.7	23.3
	3H	20.5	21.7	21.1	22.3	23.0	22.9	24.1	23.5	24.7	25.4
	4H	20.9	22.1	21.5	22.7	23.4	23.9	25.1	24.5	25.7	26.4
	6H	21.2	22.3	21.8	22.9	23.6	25.0	26.1	25.6	26.7	27.4
	8H	21.3	22.4	21.9	23.0	23.7	25.6	26.6	26.2	27.2	27.9
	12H	21.4	22.3	22.0	23.0	23.7	26.2	27.2	26.8	27.8	28.5
4H	2H	19.9	21.0	20.5	21.6	22.3	21.1	22.3	21.7	22.9	23.6
	3H	21.5	22.5	22.1	23.1	23.8	23.5	24.5	24.2	25.2	25.9
	4H	22.0	22.9	22.7	23.6	24.3	24.8	25.7	25.4	26.3	27.0
	6H	22.4	23.2	23.1	23.9	24.6	26.1	26.8	26.7	27.5	28.2
	8H	22.6	23.3	23.2	24.0	24.7	26.7	27.5	27.4	28.1	28.9
	12H	22.6	23.3	23.3	24.0	24.7	27.5	28.1	28.1	28.8	29.6
8H	4H	22.6	23.3	23.2	24.0	24.7	25.0	25.7	25.6	26.4	27.1
	6H	23.2	23.8	23.8	24.5	25.2	26.4	27.1	27.1	27.8	28.5
	8H	23.4	23.9	24.1	24.6	25.4	27.2	27.8	27.9	28.5	29.3
	12H	23.5	24.0	24.2	24.7	25.5	28.2	28.7	28.9	29.4	30.2
12H	4H	22.7	23.4	23.4	24.1	24.8	25.0	25.6	25.6	26.3	27.1
	6H	23.4	24.0	24.1	24.7	25.5	26.5	27.0	27.2	27.7	28.5
	8H	23.7	24.2	24.4	24.9	25.7	27.4	27.9	28.1	28.5	29.4

Maximum UGR = 30.2

POLAR GRAPH



Maximum Candela = 1388.385 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.)