

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-4-L50-935-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-4-L50-935-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	4040
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	122
Total Luminaire Watts	33
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)	3.71 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	8864	7939	7861
55	7675	6797	6901
65	6452	5821	6151
75	5174	5085	5749
85	3795	5002	6074

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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	1307.407	1307.407	1307.407	1307.407	1307.407
0.5	1301.207	1306.167	1306.993	1306.580	1315.260
1.0	1301.207	1306.580	1306.580	1306.167	1314.847
1.5	1299.967	1306.580	1306.167	1305.753	1315.260
2.0	1299.553	1305.340	1306.167	1305.340	1314.020
2.5	1299.553	1305.340	1304.927	1304.927	1313.194
3.0	1298.313	1304.100	1304.100	1304.100	1312.367
3.5	1297.487	1302.860	1302.860	1303.273	1311.540
4.0	1296.660	1302.033	1302.033	1301.620	1310.714
4.5	1294.593	1300.793	1301.207	1300.793	1309.473
5.0	1293.353	1299.553	1299.553	1299.553	1308.233
5.5	1291.700	1297.900	1297.900	1298.313	1306.580
6.0	1290.873	1295.833	1296.246	1296.246	1304.927
6.5	1287.980	1294.180	1294.593	1294.593	1302.860
7.0	1286.326	1292.113	1292.526	1292.113	1301.207
7.5	1284.673	1289.633	1290.460	1290.460	1299.140
8.0	1282.606	1287.980	1287.980	1287.980	1296.246
8.5	1280.539	1285.086	1285.913	1285.913	1293.766
9.0	1277.233	1283.019	1283.433	1283.019	1290.873
9.5	1275.166	1280.126	1280.126	1280.126	1289.220
10.0	1271.859	1276.819	1276.819	1277.646	1285.913
10.5	1268.966	1273.926	1274.339	1274.339	1283.019
11.0	1266.072	1271.033	1271.446	1271.033	1279.713
11.5	1262.352	1267.726	1268.552	1267.726	1276.819
12.0	1259.046	1264.006	1264.832	1264.832	1273.099
12.5	1255.739	1260.286	1261.526	1260.699	1269.792
13.0	1252.019	1256.979	1257.806	1257.392	1266.072
13.5	1248.299	1252.845	1253.672	1253.672	1262.766
14.0	1243.752	1248.712	1249.539	1249.539	1258.219
14.5	1240.032	1244.579	1245.405	1245.405	1254.912
15.0	1236.312	1240.445	1240.858	1240.858	1249.952
15.5	1231.765	1235.485	1236.725	1236.725	1244.992
16.0	1226.805	1230.938	1232.178	1232.178	1240.858
16.5	1222.671	1225.978	1227.218	1227.631	1236.312
17.0	1216.884	1220.605	1222.258	1222.671	1231.351
17.5	1211.924	1215.644	1217.298	1217.711	1226.391
18.0	1207.378	1210.684	1211.924	1213.164	1221.845
18.5	1202.004	1205.724	1206.964	1207.791	1216.471
19.0	1196.631	1199.524	1201.591	1202.417	1210.684
19.5	1190.430	1194.564	1196.217	1197.871	1205.311
20.0	1183.817	1188.364	1190.430	1191.670	1199.524
20.5	1177.203	1182.990	1184.644	1186.297	1194.151
21.0	1171.830	1176.377	1177.617	1180.924	1188.364
21.5	1165.630	1170.177	1172.243	1173.897	1182.164
22.0	1159.016	1164.390	1166.457	1168.110	1176.790
22.5	1153.229	1156.950	1159.843	1162.323	1170.590
23.0	1146.203	1150.336	1153.229	1155.710	1163.976
23.5	1138.762	1143.309	1147.029	1149.509	1157.776
24.0	1131.322	1136.282	1140.002	1142.896	1151.163
24.5	1125.122	1129.256	1133.389	1135.869	1143.723
25.0	1118.095	1122.229	1126.775	1129.256	1137.109
25.5	1110.242	1115.202	1118.922	1122.642	1129.256
26.0	1102.802	1107.348	1112.308	1115.615	1123.055
26.5	1094.948	1099.495	1105.282	1108.175	1116.029

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27.0	1087.094	1091.228	1098.255	1101.975	1109.002
27.5	1078.001	1083.374	1090.401	1093.708	1101.975
28.0	1071.387	1075.521	1082.548	1086.268	1094.121
28.5	1062.707	1067.667	1074.694	1078.414	1086.268
29.0	1054.440	1059.400	1066.427	1070.974	1078.828
29.5	1045.760	1050.720	1058.160	1062.707	1070.561
30.0	1037.080	1042.453	1049.894	1055.680	1063.534
30.5	1027.986	1033.360	1042.040	1047.827	1055.267
31.0	1019.306	1024.680	1033.360	1039.560	1046.587
31.5	1010.213	1016.413	1025.093	1031.706	1039.147
32.0	1001.532	1006.906	1016.826	1023.026	1030.466
32.5	992.025	997.812	1008.146	1014.759	1022.199
33.0	982.932	989.132	998.639	1006.492	1013.933
33.5	974.252	980.038	990.372	997.399	1005.252
34.0	963.918	970.531	981.278	989.132	997.399
34.5	954.411	961.438	972.598	980.038	988.305
35.0	945.731	951.518	963.918	971.772	979.625
35.5	934.571	942.424	954.411	962.678	970.531
36.0	925.890	932.504	945.318	953.584	961.851
36.5	915.143	922.584	935.811	944.904	953.584
37.0	905.223	913.077	926.304	935.397	944.904
37.5	894.890	902.743	917.210	927.130	935.397
38.0	884.556	892.823	907.290	917.623	925.477
38.5	873.809	882.489	897.783	908.943	916.383
39.0	864.302	872.156	887.863	899.436	908.943
39.5	853.555	862.649	878.356	889.929	899.023
40.0	841.982	851.902	868.436	881.249	889.516
40.5	831.235	841.568	858.929	872.156	880.423
41.0	821.314	831.235	849.008	862.649	870.916
41.5	810.567	820.901	839.088	853.142	861.822
42.0	799.820	810.567	829.168	844.048	852.728
42.5	789.487	799.820	818.834	834.541	843.222
43.0	777.913	789.487	809.327	825.448	834.128
43.5	767.993	778.740	798.994	815.941	825.034
44.0	756.833	767.993	788.660	806.847	815.528
44.5	746.499	757.659	778.327	796.927	806.021
45.0	735.752	746.912	768.406	788.247	797.340
45.5	725.005	736.579	758.486	779.153	788.247
46.0	714.258	725.832	747.739	769.233	778.740
46.5	703.511	715.085	738.646	760.966	769.646
47.0	692.351	704.751	728.312	751.046	760.553
47.5	681.604	694.004	717.978	741.539	751.046
48.0	671.271	683.257	707.645	732.859	741.539
48.5	659.697	672.924	698.138	722.938	732.445
49.0	649.363	661.764	687.391	713.432	722.938
49.5	638.616	651.430	677.471	704.338	713.845
50.0	627.456	640.683	667.550	694.418	704.338
50.5	617.122	630.349	657.217	686.151	695.658
51.0	606.376	619.603	648.123	676.644	686.564
51.5	596.042	608.856	637.790	667.550	677.471
52.0	584.882	598.522	627.869	658.043	668.377
52.5	574.135	587.775	618.362	648.537	659.697
53.0	562.974	577.441	608.442	640.270	650.190
53.5	552.227	567.108	598.935	630.763	641.510
54.0	541.894	556.774	589.428	621.669	632.830
54.5	531.974	546.027	579.922	613.402	624.149

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55.0	521.640	536.107	570.415	603.895	616.296
55.5	512.960	525.773	560.908	595.215	606.789
56.0	503.040	516.680	551.814	586.535	598.109
56.5	492.706	507.173	542.307	577.855	589.842
57.0	482.786	497.666	533.214	569.175	581.162
57.5	472.452	487.746	525.360	560.908	571.655
58.0	462.118	477.826	516.267	551.814	564.628
58.5	452.198	467.905	507.173	543.961	556.361
59.0	442.278	457.985	498.493	536.934	547.681
59.5	432.358	448.478	490.639	528.254	541.067
60.0	422.437	438.558	481.959	519.987	532.800
60.5	412.724	429.051	473.279	512.133	524.533
61.0	402.969	419.544	464.599	504.280	516.680
61.5	393.297	410.120	455.918	496.426	509.240
62.0	383.790	400.778	447.651	488.986	501.386
62.5	374.407	391.519	438.971	481.546	493.946
63.0	364.900	382.302	430.704	473.692	487.332
63.5	355.476	373.208	422.851	466.252	479.892
64.0	346.300	364.239	414.584	458.398	472.452
64.5	337.165	355.476	406.730	450.958	465.012
65.0	328.112	346.672	398.836	443.518	457.985
65.5	319.184	338.074	391.023	436.078	450.545
66.0	310.132	329.476	383.294	428.638	443.518
66.5	301.286	321.086	375.606	421.611	436.491
67.0	292.647	312.777	367.959	414.171	429.464
67.5	283.967	304.593	360.477	407.226	422.437
68.0	275.411	296.616	353.037	400.200	415.824
68.5	266.979	288.679	345.762	393.379	408.921
69.0	258.588	280.826	338.570	386.518	402.390
69.5	250.321	273.138	331.460	379.863	395.901
70.0	242.096	265.573	324.475	373.332	389.453
70.5	234.077	258.092	317.489	366.801	383.087
71.0	226.140	250.693	310.628	360.353	376.804
71.5	218.287	243.460	303.932	354.070	370.604
72.0	210.599	236.185	297.236	347.829	364.569
72.5	202.869	229.158	290.705	341.711	358.576
73.0	195.346	222.172	284.215	335.677	352.541
73.5	188.030	215.270	277.932	329.683	346.672
74.0	180.797	208.573	271.567	323.896	340.761
74.5	173.687	201.836	265.491	318.151	335.181
75.0	166.619	195.264	259.456	312.529	329.766
75.5	159.675	188.857	253.504	306.949	324.268
76.0	152.937	182.574	247.717	301.410	318.895
76.5	146.241	176.374	241.972	295.996	313.521
77.0	139.628	170.215	236.309	290.622	308.313
77.5	133.138	164.222	230.729	285.414	303.146
78.0	126.731	158.352	225.314	280.289	298.062
78.5	120.448	152.565	219.940	275.122	293.019
79.0	114.290	146.944	214.732	270.120	288.059
79.5	108.172	141.364	209.607	265.243	283.099
80.0	102.137	135.866	204.481	260.407	278.387
80.5	96.268	130.534	199.521	255.529	273.592
81.0	90.564	125.285	194.768	250.817	268.922
81.5	84.777	120.159	190.014	246.146	264.251
82.0	79.197	115.158	185.385	241.641	259.745
82.5	73.741	110.239	180.838	237.135	255.323

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83.0	68.367	105.444	176.374	232.795	251.024
83.5	63.035	100.773	172.116	228.373	246.560
84.0	57.827	96.226	167.983	224.198	242.302
84.5	52.660	91.845	163.932	220.064	238.127
85.0	47.700	87.588	159.964	215.972	233.953
85.5	42.740	83.537	156.079	212.004	229.902
86.0	37.862	79.651	152.276	208.119	225.892
86.5	33.026	76.014	148.680	204.233	221.883
87.0	28.273	72.501	145.042	200.554	217.956
87.5	23.519	69.235	141.612	196.834	214.195
88.0	18.807	66.052	138.222	193.238	210.392
88.5	14.054	63.076	134.957	189.684	206.713
89.0	9.714	60.266	131.857	186.253	203.076
89.5	6.159	57.661	128.839	182.946	199.521
90.0	3.679	55.347	126.070	179.805	196.256
90.5	2.604	53.321	123.507	176.663	192.784
91.0	2.769	51.461	120.903	173.480	189.477
91.5	3.307	49.684	118.299	170.463	186.170
92.0	3.927	48.196	115.819	167.404	182.946
92.5	4.588	46.915	113.711	164.470	179.763
93.0	5.249	45.799	111.520	161.700	176.705
93.5	5.952	44.930	109.453	158.972	173.811
94.0	6.696	44.186	107.511	156.409	171.000
94.5	7.399	43.649	105.692	153.805	168.107
95.0	8.102	43.236	103.997	151.243	165.338
95.5	8.763	42.946	102.427	148.804	162.609
96.0	9.300	42.822	101.063	146.448	159.923
96.5	9.838	42.822	99.699	144.257	157.443
97.0	10.334	42.864	98.459	142.149	154.963
97.5	10.871	43.029	97.301	140.124	152.689
98.0	11.326	43.194	96.268	138.140	150.375
98.5	11.863	43.401	95.400	136.238	148.225
99.0	12.400	43.649	94.490	134.461	146.117
99.5	12.979	43.938	93.705	132.766	144.050
100.0	13.475	44.228	93.085	131.195	142.190
100.5	14.054	44.558	92.465	129.666	140.289
101.0	14.550	44.889	92.010	128.219	138.594
101.5	15.046	45.220	91.556	126.855	136.858
102.0	15.500	45.550	91.225	125.574	135.329
102.5	15.955	45.881	90.894	124.375	133.799
103.0	16.410	46.253	90.646	123.176	132.435
103.5	16.906	46.625	90.440	122.143	131.030
104.0	17.443	46.956	90.233	121.192	129.749
104.5	17.980	47.328	90.109	120.283	128.550
105.0	18.476	47.700	89.985	119.456	127.393
105.5	18.931	48.031	89.861	118.588	126.401
106.0	19.468	48.444	89.820	117.844	125.409
106.5	19.965	48.816	89.820	117.142	124.417
107.0	20.461	49.229	89.820	116.480	123.590
107.5	20.915	49.560	89.820	115.984	122.722
108.0	21.494	49.973	89.820	115.406	121.854
108.5	22.031	50.387	89.861	114.992	121.275
109.0	22.569	50.717	89.944	114.455	120.696
109.5	23.147	51.089	89.985	114.083	120.076
110.0	23.726	51.461	90.068	113.670	119.580
110.5	24.305	51.833	90.150	113.298	119.126

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111.0	24.883	52.205	90.192	112.967	118.630
111.5	25.462	52.536	90.233	112.719	118.216
112.0	26.082	52.908	90.316	112.471	117.720
112.5	26.702	53.280	90.398	112.182	117.266
113.0	27.363	53.652	90.522	111.975	117.059
113.5	27.983	53.983	90.522	111.768	116.770
114.0	28.645	54.313	90.605	111.603	116.480
114.5	29.265	54.685	90.688	111.396	116.232
115.0	29.926	54.975	90.770	111.272	116.026
115.5	30.587	55.347	90.770	111.148	115.819
116.0	31.207	55.677	90.894	110.983	115.571
116.5	31.786	56.008	90.977	110.818	115.488
117.0	32.447	56.380	91.060	110.818	115.282
117.5	33.068	56.669	91.142	110.652	115.158
118.0	33.605	56.959	91.225	110.569	114.992
118.5	34.225	57.248	91.266	110.445	114.951
119.0	34.762	57.537	91.349	110.321	114.703
119.5	35.341	57.744	91.432	110.197	114.662
120.0	35.878	57.951	91.390	110.115	114.455
120.5	36.416	58.199	91.432	109.949	114.414
121.0	36.953	58.364	91.514	109.825	114.248
121.5	37.532	58.571	91.473	109.660	114.166
122.0	38.069	58.819	91.473	109.577	114.042
122.5	38.606	59.067	91.514	109.412	113.752
123.0	39.144	59.315	91.473	109.247	113.711
123.5	39.640	59.522	91.390	109.123	113.463
124.0	40.053	59.687	91.390	108.999	113.422
124.5	40.466	59.852	91.390	108.792	113.256
125.0	40.880	60.059	91.308	108.585	113.091
125.5	41.293	60.183	91.225	108.461	112.884
126.0	41.665	60.348	91.184	108.213	112.719
126.5	41.996	60.555	91.101	108.048	112.595
127.0	42.368	60.638	91.018	107.841	112.430
127.5	42.657	60.762	90.894	107.635	112.140
128.0	43.029	60.762	90.853	107.387	111.975
128.5	43.318	60.844	90.688	107.180	111.810
129.0	43.608	60.927	90.522	106.973	111.603
129.5	43.856	61.051	90.233	106.643	111.355
130.0	44.062	61.134	89.944	106.436	111.107
130.5	44.269	61.216	89.613	106.188	110.818
131.0	44.393	61.340	89.282	105.816	110.528
131.5	44.558	61.464	88.952	105.485	110.239
132.0	44.724	61.588	88.580	105.279	109.991
132.5	44.806	61.630	88.166	104.865	109.619
133.0	44.930	61.671	88.001	104.493	109.164
133.5	44.972	61.630	87.753	104.204	108.957
134.0	45.013	61.547	87.588	103.873	108.668
134.5	45.137	61.382	87.381	103.501	108.131
135.0	45.261	61.258	87.133	103.005	107.717
135.5	45.220	60.927	86.926	102.675	107.387
136.0	45.302	60.886	86.637	102.261	106.973
136.5	45.385	60.762	86.430	101.807	106.560
137.0	45.426	60.555	86.100	101.435	106.105
137.5	45.468	60.348	85.810	100.939	105.692
138.0	45.550	60.224	85.397	100.525	105.196
138.5	45.550	60.059	84.860	100.071	104.824

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	45.509	59.935	84.239	99.533	104.245
139.5	45.509	59.770	83.495	98.955	103.832
140.0	45.509	59.563	82.669	98.417	103.253
140.5	45.509	59.439	81.925	97.756	102.633
141.0	45.509	59.356	81.098	97.053	102.137
141.5	45.509	59.191	80.271	96.433	101.641
142.0	45.468	59.108	79.486	95.648	101.104
142.5	45.426	58.984	78.659	94.945	100.484
143.0	45.385	58.860	77.874	94.284	99.864
143.5	45.385	58.695	76.965	93.581	99.285
144.0	45.385	58.488	76.179	93.044	98.624
144.5	45.509	58.323	75.394	92.424	98.045
145.0	45.675	58.157	74.526	91.886	97.384
145.5	45.964	57.951	73.741	91.349	96.722
146.0	46.336	57.785	72.997	90.770	96.102
146.5	46.708	57.620	72.377	90.150	95.400
147.0	47.080	57.413	71.674	89.530	94.697
147.5	47.411	57.331	71.136	88.910	93.994
148.0	47.783	57.165	70.558	88.208	93.250
148.5	48.113	57.124	70.103	87.546	92.506
149.0	48.527	57.124	69.607	86.885	91.845
149.5	48.816	57.248	69.152	86.182	91.018
150.0	49.147	57.331	68.698	85.521	90.150
150.5	49.436	57.372	68.202	84.777	89.241
151.0	49.643	57.496	67.540	84.033	88.166
151.5	49.849	57.537	66.838	83.247	87.174
152.0	50.097	57.620	66.176	82.421	86.182
152.5	50.345	57.703	65.556	81.553	85.108
153.0	50.511	57.744	64.895	80.561	84.239
153.5	50.717	57.868	64.192	79.527	83.247
154.0	50.883	57.827	63.572	78.370	82.421
154.5	51.089	57.868	63.035	77.254	81.594
155.0	51.172	57.951	62.498	75.973	80.974
155.5	51.337	57.992	61.960	74.774	80.313
156.0	51.461	57.992	61.588	73.493	79.734
156.5	51.668	57.992	61.216	72.211	78.990
157.0	51.751	58.075	60.844	71.054	78.287
157.5	51.875	58.075	60.596	69.938	77.502
158.0	52.040	58.033	60.472	68.780	76.758
158.5	52.081	58.033	60.307	67.830	75.890
159.0	52.288	57.909	60.183	66.920	75.146
159.5	52.453	57.827	59.976	66.052	74.319
160.0	52.660	57.744	59.770	65.350	73.493
160.5	52.908	57.703	59.604	64.688	72.707
161.0	53.073	57.579	59.563	63.986	71.922
161.5	53.321	57.537	59.480	63.283	71.343
162.0	53.528	57.455	59.604	62.704	70.847
162.5	53.735	57.455	59.687	62.084	70.268
163.0	53.983	57.413	59.728	61.423	69.772
163.5	54.189	57.413	59.811	60.720	69.152
164.0	54.272	57.413	59.894	59.852	68.574
164.5	54.396	57.331	59.811	59.191	67.830
165.0	54.520	57.331	59.687	58.529	67.086
165.5	54.644	57.289	59.563	58.075	66.300
166.0	54.768	57.248	59.480	57.579	65.102
166.5	54.892	57.248	59.356	57.165	64.523

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	55.057	57.248	59.232	56.793	64.068
167.5	55.140	57.248	58.984	56.463	63.614
168.0	55.264	57.248	58.778	56.132	63.242
168.5	55.512	57.083	58.488	55.843	62.787
169.0	55.636	57.124	58.281	55.553	62.332
169.5	55.843	57.000	57.951	55.223	61.836
170.0	55.925	56.959	57.661	54.809	61.382
170.5	56.049	56.876	57.289	54.355	60.886
171.0	56.132	56.793	56.876	53.859	60.266
171.5	56.256	56.793	56.504	53.404	59.770
172.0	56.463	56.711	56.297	52.949	59.026
172.5	56.587	56.711	56.049	52.453	58.199
173.0	56.752	56.628	55.843	51.999	56.793
173.5	56.959	56.669	55.760	51.544	54.685
174.0	57.124	56.669	55.719	51.172	52.081
174.5	57.248	56.669	55.636	50.800	48.981
175.0	57.496	56.793	55.595	50.511	45.468
175.5	57.579	56.835	55.553	50.387	41.789
176.0	57.744	56.917	55.553	50.263	39.392
176.5	57.785	56.959	55.512	50.263	37.697
177.0	57.951	57.041	55.429	50.139	35.961
177.5	57.992	57.041	55.305	50.097	35.589
178.0	58.157	57.124	55.264	50.056	35.672
178.5	58.240	57.165	55.305	49.973	35.754
179.0	58.323	57.165	55.264	49.849	35.796
179.5	58.405	57.165	55.223	49.808	35.837
180.0	52.371	52.371	52.371	52.371	52.371

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L50-935-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	473.23	N.A.	11.70
0-30	991.57	N.A.	24.50
0-40	1592.82	N.A.	39.40
0-60	2695.64	N.A.	66.70
0-80	3358.29	N.A.	83.10
0-90	3524.94	N.A.	87.30
10-90	3401.57	N.A.	84.20
20-40	1119.59	N.A.	27.70
20-50	1711.68	N.A.	42.40
40-70	1495.66	N.A.	37.00
60-80	662.65	N.A.	16.40
70-80	269.81	N.A.	6.70
80-90	166.65	N.A.	4.10
90-110	194.65	N.A.	4.80
90-120	276.60	N.A.	6.80
90-130	352.02	N.A.	8.70
90-150	462.14	N.A.	11.40
90-180	514.78	N.A.	12.70
110-180	320.13	N.A.	7.90
0-180	4039.72	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	123.37
10-20	349.85
20-30	518.34
30-40	601.25
40-50	592.08
50-60	510.74
60-70	392.84
70-80	269.81
80-90	166.65
90-100	106.78
100-110	87.88
110-120	81.95
120-130	75.42
130-140	63.38
140-150	46.74
150-160	30.56
160-170	16.84
170-180	5.24

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L50-935-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-4-L50-935-DIM-UNV_.IES

UGR TABLE - CORRECTED

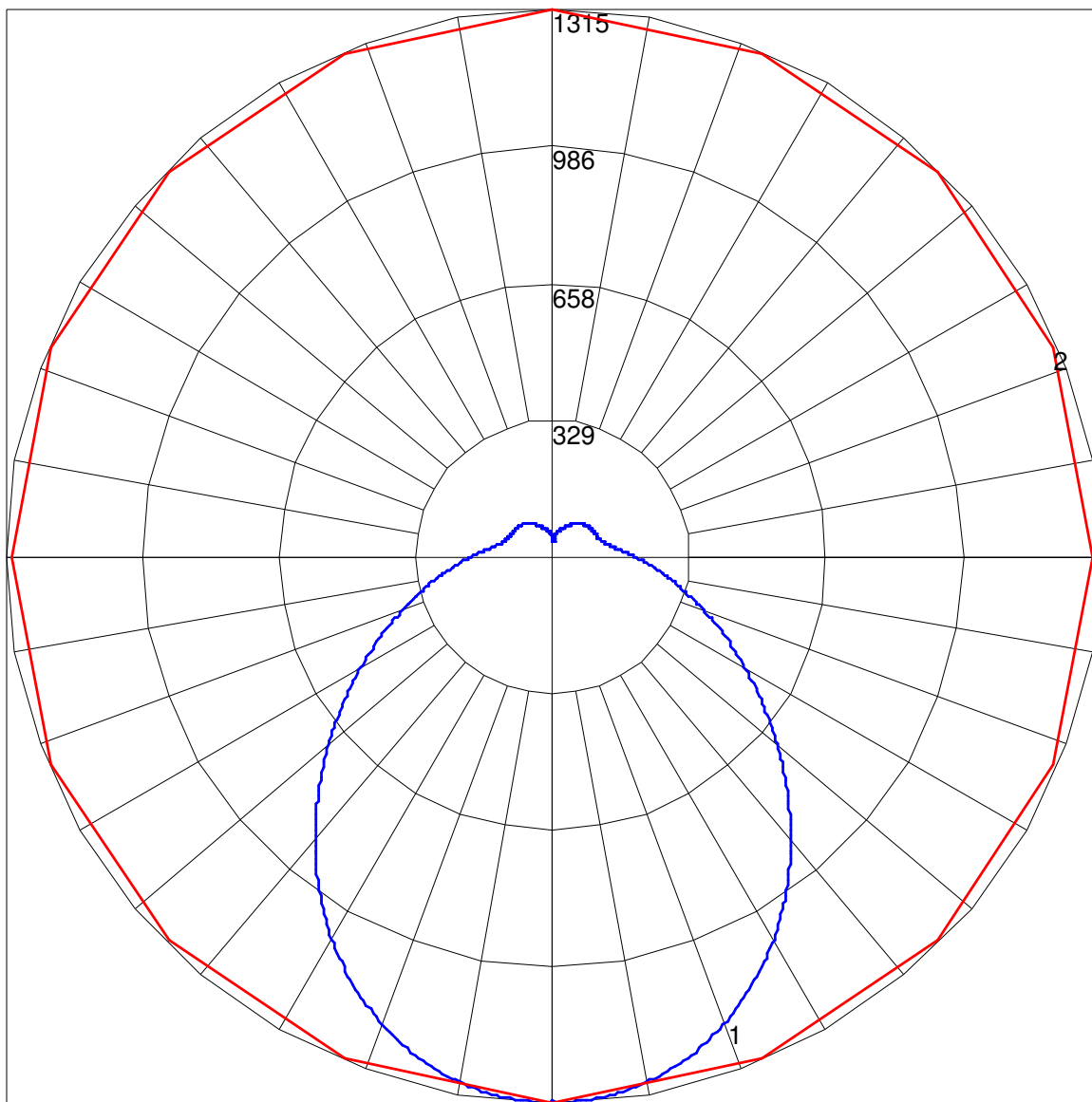
Reflectances

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	16.7	18.1	17.3	18.6	19.2	18.4	19.7	18.9	20.3	20.9
	3H	18.1	19.3	18.6	19.9	20.5	20.6	21.8	21.1	22.4	23.0
	4H	18.5	19.7	19.1	20.3	20.9	21.6	22.8	22.2	23.4	24.1
	6H	18.8	19.9	19.4	20.5	21.2	22.8	23.8	23.4	24.4	25.1
	8H	18.9	19.9	19.5	20.5	21.2	23.3	24.4	24.0	25.0	25.7
	12H	18.9	19.9	19.5	20.5	21.2	24.0	25.0	24.6	25.6	26.3
4H	2H	17.4	18.6	18.0	19.2	19.9	18.8	19.9	19.4	20.5	21.2
	3H	19.0	20.0	19.6	20.6	21.3	21.2	22.2	21.8	22.8	23.5
	4H	19.6	20.5	20.2	21.1	21.9	22.5	23.3	23.1	24.0	24.7
	6H	20.0	20.8	20.7	21.5	22.2	23.8	24.6	24.4	25.2	26.0
	8H	20.1	20.9	20.8	21.5	22.3	24.5	25.2	25.1	25.9	26.6
	12H	20.2	20.9	20.9	21.6	22.3	25.3	25.9	25.9	26.6	27.4
8H	4H	20.2	20.9	20.8	21.6	22.3	22.6	23.4	23.3	24.0	24.8
	6H	20.8	21.4	21.4	22.1	22.8	24.1	24.8	24.8	25.5	26.2
	8H	21.0	21.5	21.6	22.2	23.0	25.0	25.6	25.7	26.3	27.0
	12H	21.1	21.6	21.8	22.3	23.1	26.0	26.5	26.7	27.2	28.0
12H	4H	20.3	21.0	21.0	21.7	22.4	22.6	23.3	23.3	24.0	24.8
	6H	21.0	21.6	21.7	22.3	23.1	24.2	24.8	24.9	25.4	26.2
	8H	21.3	21.8	22.0	22.5	23.3	25.1	25.6	25.8	26.3	27.1

Maximum UGR = 28.0

POLAR GRAPH



Maximum Candela = 1315.26 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.)