

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-4-L50-927-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-4-L50-927-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	3894
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	118
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	8543	7652	7577
55	7398	6551	6652
65	6219	5611	5928
75	4987	4902	5541
85	3658	4822	5854

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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	1260.151	1260.151	1260.151	1260.151	1260.151
0.5	1254.175	1258.956	1259.753	1259.354	1267.721
1.0	1254.175	1259.354	1259.354	1258.956	1267.322
1.5	1252.980	1259.354	1258.956	1258.558	1267.721
2.0	1252.582	1258.159	1258.956	1258.159	1266.526
2.5	1252.582	1258.159	1257.761	1257.761	1265.729
3.0	1251.386	1256.964	1256.964	1256.964	1264.932
3.5	1250.590	1255.769	1255.769	1256.167	1264.135
4.0	1249.793	1254.972	1254.972	1254.574	1263.338
4.5	1247.801	1253.777	1254.175	1253.777	1262.143
5.0	1246.605	1252.582	1252.582	1252.582	1260.948
5.5	1245.012	1250.988	1250.988	1251.386	1259.354
6.0	1244.215	1248.996	1249.394	1249.394	1257.761
6.5	1241.426	1247.402	1247.801	1247.801	1255.769
7.0	1239.833	1245.410	1245.809	1245.410	1254.175
7.5	1238.239	1243.020	1243.817	1243.817	1252.183
8.0	1236.247	1241.426	1241.426	1241.426	1249.394
8.5	1234.255	1238.637	1239.434	1239.434	1247.004
9.0	1231.068	1236.645	1237.044	1236.645	1244.215
9.5	1229.076	1233.857	1233.857	1233.857	1242.621
10.0	1225.888	1230.669	1230.669	1231.466	1239.434
10.5	1223.100	1227.880	1228.279	1228.279	1236.645
11.0	1220.311	1225.092	1225.490	1225.092	1233.458
11.5	1216.725	1221.904	1222.701	1221.904	1230.669
12.0	1213.538	1218.319	1219.116	1219.116	1227.084
12.5	1210.351	1214.733	1215.928	1215.132	1223.896
13.0	1206.765	1211.546	1212.343	1211.944	1220.311
13.5	1203.179	1207.562	1208.359	1208.359	1217.124
14.0	1198.797	1203.578	1204.375	1204.375	1212.741
14.5	1195.211	1199.594	1200.391	1200.391	1209.554
15.0	1191.626	1195.610	1196.008	1196.008	1204.773
15.5	1187.243	1190.829	1192.024	1192.024	1199.992
16.0	1182.462	1186.446	1187.642	1187.642	1196.008
16.5	1178.478	1181.666	1182.861	1183.259	1191.626
17.0	1172.901	1176.486	1178.080	1178.478	1186.845
17.5	1168.120	1171.706	1173.299	1173.698	1182.064
18.0	1163.737	1166.925	1168.120	1169.315	1177.682
18.5	1158.558	1162.144	1163.339	1164.136	1172.502
19.0	1153.379	1156.168	1158.160	1158.957	1166.925
19.5	1147.403	1151.387	1152.981	1154.574	1161.745
20.0	1141.028	1145.411	1147.403	1148.598	1156.168
20.5	1134.654	1140.232	1141.825	1143.419	1150.989
21.0	1129.475	1133.857	1135.052	1138.240	1145.411
21.5	1123.499	1127.881	1129.873	1131.467	1139.435
22.0	1117.124	1122.303	1124.296	1125.889	1134.256
22.5	1111.547	1115.132	1117.921	1120.311	1128.280
23.0	1104.774	1108.758	1111.547	1113.937	1121.905
23.5	1097.602	1101.985	1105.571	1107.961	1115.929
24.0	1090.431	1095.212	1098.798	1101.586	1109.555
24.5	1084.455	1088.439	1092.423	1094.814	1102.383
25.0	1077.682	1081.666	1086.049	1088.439	1096.009
25.5	1070.113	1074.893	1078.479	1082.065	1088.439
26.0	1062.941	1067.324	1072.105	1075.292	1082.463
26.5	1055.372	1059.754	1065.332	1068.121	1075.690

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CANDELA TABULATION - (Cont.)

27.0	1047.802	1051.786	1058.559	1062.145	1068.917
27.5	1039.037	1044.216	1050.989	1054.176	1062.145
28.0	1032.663	1036.647	1043.420	1047.005	1054.575
28.5	1024.296	1029.077	1035.850	1039.435	1047.005
29.0	1016.328	1021.109	1027.882	1032.264	1039.834
29.5	1007.962	1012.742	1019.914	1024.296	1031.866
30.0	999.595	1004.774	1011.946	1017.523	1025.093
30.5	990.830	996.009	1004.376	1009.954	1017.125
31.0	982.464	987.643	996.009	1001.986	1008.758
31.5	973.699	979.675	988.041	994.416	1001.587
32.0	965.332	970.512	980.073	986.049	993.221
32.5	956.169	961.747	971.707	978.081	985.253
33.0	947.404	953.380	962.544	970.113	977.285
33.5	939.038	944.615	954.575	961.348	968.918
34.0	929.078	935.452	945.811	953.380	961.348
34.5	919.914	926.687	937.444	944.615	952.583
35.0	911.548	917.126	929.078	936.647	944.217
35.5	900.791	908.361	919.914	927.882	935.452
36.0	892.424	898.799	911.149	919.118	927.086
36.5	882.066	889.237	901.986	910.751	919.118
37.0	872.504	880.074	892.823	901.588	910.751
37.5	862.544	870.114	884.058	893.620	901.588
38.0	852.584	860.552	874.496	884.456	892.026
38.5	842.226	850.592	865.333	876.090	883.261
39.0	833.062	840.632	855.771	866.927	876.090
39.5	822.704	831.469	846.608	857.763	866.528
40.0	811.549	821.110	837.046	849.397	857.365
40.5	801.190	811.150	827.883	840.632	848.600
41.0	791.628	801.190	818.321	831.469	839.437
41.5	781.270	791.230	808.760	822.305	830.672
42.0	770.911	781.270	799.198	813.541	821.907
42.5	760.951	770.911	789.238	804.377	812.744
43.0	749.796	760.951	780.075	795.612	803.979
43.5	740.234	750.593	770.115	786.449	795.214
44.0	729.477	740.234	760.154	777.684	786.051
44.5	719.517	730.274	750.194	768.123	776.887
45.0	709.159	719.916	740.633	759.756	768.521
45.5	698.800	709.956	731.071	750.991	759.756
46.0	688.442	699.597	720.712	741.429	750.593
46.5	678.083	689.239	711.948	733.461	741.828
47.0	667.326	679.278	701.987	723.900	733.063
47.5	656.968	668.920	692.027	714.736	723.900
48.0	647.008	658.561	682.067	706.370	714.736
48.5	635.852	648.601	672.904	696.808	705.972
49.0	625.892	637.844	662.546	687.645	696.808
49.5	615.534	627.884	652.984	678.880	688.043
50.0	604.777	617.526	643.422	669.318	678.880
50.5	594.817	607.566	633.462	661.350	670.514
51.0	584.458	597.207	624.697	652.187	661.749
51.5	574.498	586.849	614.737	643.422	652.984
52.0	563.741	576.889	605.175	634.259	644.219
52.5	553.383	566.530	596.012	625.096	635.852
53.0	542.626	556.570	586.450	617.127	626.689
53.5	532.267	546.610	577.287	607.964	618.323
54.0	522.307	536.650	568.124	599.199	609.956
54.5	512.746	526.291	558.961	591.231	601.590

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CANDELA TABULATION - (Cont.)

55.0	502.786	516.730	549.797	582.068	594.020
55.5	494.419	506.770	540.634	573.701	584.857
56.0	484.857	498.005	531.869	565.335	576.490
56.5	474.897	488.841	522.706	556.969	568.522
57.0	465.336	479.678	513.941	548.602	560.156
57.5	455.376	470.116	506.371	540.634	550.992
58.0	445.415	460.555	497.606	531.869	544.220
58.5	435.854	450.993	488.841	524.299	536.252
59.0	426.292	441.431	480.475	517.527	527.885
59.5	416.730	432.268	472.905	509.160	521.511
60.0	407.169	422.706	464.539	501.192	513.542
60.5	397.806	413.543	456.172	493.622	505.574
61.0	388.404	404.380	447.806	486.053	498.005
61.5	379.081	395.296	439.439	478.483	490.833
62.0	369.918	386.292	431.471	471.312	483.264
62.5	360.874	377.368	423.105	464.140	476.093
63.0	351.711	368.484	415.137	456.571	469.718
63.5	342.627	359.719	407.567	449.399	462.547
64.0	333.783	351.073	399.599	441.830	455.376
64.5	324.978	342.627	392.029	434.659	448.204
65.0	316.253	334.141	384.420	427.487	441.431
65.5	307.647	325.854	376.890	420.316	434.260
66.0	298.922	317.568	369.440	413.145	427.487
66.5	290.397	309.480	362.030	406.372	420.714
67.0	282.070	301.472	354.659	399.201	413.942
67.5	273.703	293.584	347.448	392.507	407.169
68.0	265.456	285.895	340.277	385.735	400.794
68.5	257.329	278.245	333.265	379.161	394.141
69.0	249.241	270.676	326.333	372.547	387.846
69.5	241.273	263.265	319.480	366.133	381.591
70.0	233.345	255.974	312.747	359.838	375.376
70.5	225.616	248.763	306.014	353.544	369.241
71.0	217.967	241.632	299.400	347.328	363.185
71.5	210.397	234.660	292.946	341.273	357.209
72.0	202.987	227.648	286.492	335.257	351.392
72.5	195.537	220.875	280.197	329.360	345.615
73.0	188.286	214.142	273.942	323.544	339.799
73.5	181.234	207.489	267.887	317.767	334.141
74.0	174.262	201.035	261.751	312.189	328.444
74.5	167.409	194.541	255.895	306.651	323.066
75.0	160.597	188.206	250.078	301.233	317.847
75.5	153.903	182.031	244.341	295.855	312.548
76.0	147.409	175.975	238.763	290.516	307.369
76.5	140.955	169.999	233.226	285.297	302.189
77.0	134.581	164.063	227.767	280.118	297.169
77.5	128.326	158.286	222.389	275.098	292.189
78.0	122.151	152.628	217.170	270.158	287.289
78.5	116.095	147.051	211.991	265.178	282.428
79.0	110.159	141.633	206.971	260.357	277.648
79.5	104.262	136.254	202.031	255.656	272.867
80.0	98.446	130.955	197.090	250.994	268.325
80.5	92.788	125.816	192.310	246.293	263.703
81.0	87.290	120.756	187.728	241.751	259.202
81.5	81.713	115.816	183.146	237.249	254.700
82.0	76.334	110.995	178.684	232.907	250.357
82.5	71.075	106.254	174.302	228.564	246.094

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83.0	65.896	101.633	169.999	224.381	241.951
83.5	60.757	97.131	165.895	220.118	237.648
84.0	55.737	92.748	161.911	216.094	233.544
84.5	50.757	88.525	158.007	212.110	229.520
85.0	45.976	84.422	154.182	208.166	225.497
85.5	41.195	80.517	150.437	204.341	221.592
86.0	36.494	76.772	146.772	200.596	217.728
86.5	31.832	73.266	143.306	196.851	213.863
87.0	27.251	69.880	139.800	193.306	210.078
87.5	22.669	66.733	136.493	189.720	206.453
88.0	18.127	63.665	133.226	186.254	202.788
88.5	13.546	60.796	130.079	182.828	199.242
89.0	9.362	58.087	127.091	179.521	195.736
89.5	5.936	55.577	124.182	176.334	192.310
90.0	3.546	53.346	121.513	173.306	189.162
90.5	2.510	51.394	119.043	170.278	185.816
91.0	2.669	49.601	116.533	167.210	182.628
91.5	3.187	47.888	114.023	164.302	179.441
92.0	3.785	46.454	111.633	161.354	176.334
92.5	4.422	45.219	109.601	158.525	173.266
93.0	5.060	44.143	107.489	155.856	170.318
93.5	5.737	43.306	105.497	153.226	167.529
94.0	6.454	42.589	103.625	150.756	164.820
94.5	7.131	42.071	101.872	148.246	162.031
95.0	7.809	41.673	100.238	145.776	159.362
95.5	8.446	41.394	98.724	143.425	156.732
96.0	8.964	41.275	97.410	141.154	154.142
96.5	9.482	41.275	96.095	139.043	151.752
97.0	9.960	41.314	94.900	137.011	149.362
97.5	10.478	41.474	93.784	135.059	147.170
98.0	10.916	41.633	92.788	133.147	144.939
98.5	11.434	41.832	91.952	131.314	142.868
99.0	11.952	42.071	91.075	129.601	140.836
99.5	12.510	42.350	90.318	127.967	138.844
100.0	12.988	42.629	89.721	126.453	137.051
100.5	13.546	42.948	89.123	124.979	135.218
101.0	14.024	43.267	88.685	123.585	133.585
101.5	14.502	43.585	88.246	122.270	131.911
102.0	14.940	43.904	87.928	121.035	130.437
102.5	15.378	44.223	87.609	119.880	128.963
103.0	15.817	44.581	87.370	118.724	127.649
103.5	16.295	44.940	87.171	117.728	126.294
104.0	16.813	45.259	86.972	116.812	125.059
104.5	17.331	45.617	86.852	115.936	123.904
105.0	17.809	45.976	86.733	115.139	122.788
105.5	18.247	46.295	86.613	114.302	121.832
106.0	18.765	46.693	86.573	113.585	120.876
106.5	19.243	47.051	86.573	112.908	119.920
107.0	19.721	47.450	86.573	112.270	119.123
107.5	20.159	47.769	86.573	111.792	118.286
108.0	20.717	48.167	86.573	111.234	117.449
108.5	21.235	48.565	86.613	110.836	116.892
109.0	21.753	48.884	86.693	110.318	116.334
109.5	22.311	49.243	86.733	109.959	115.736
110.0	22.868	49.601	86.812	109.561	115.258
110.5	23.426	49.960	86.892	109.202	114.820

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111.0	23.984	50.318	86.932	108.884	114.342
111.5	24.542	50.637	86.972	108.645	113.943
112.0	25.139	50.996	87.051	108.406	113.465
112.5	25.737	51.354	87.131	108.127	113.027
113.0	26.374	51.713	87.250	107.928	112.828
113.5	26.972	52.032	87.250	107.728	112.549
114.0	27.609	52.350	87.330	107.569	112.270
114.5	28.207	52.709	87.410	107.370	112.031
115.0	28.844	52.988	87.489	107.250	111.832
115.5	29.482	53.346	87.489	107.131	111.633
116.0	30.079	53.665	87.609	106.971	111.394
116.5	30.637	53.984	87.689	106.812	111.314
117.0	31.275	54.342	87.768	106.812	111.115
117.5	31.872	54.621	87.848	106.653	110.995
118.0	32.390	54.900	87.928	106.573	110.836
118.5	32.988	55.179	87.968	106.453	110.796
119.0	33.506	55.458	88.047	106.334	110.557
119.5	34.064	55.657	88.127	106.214	110.517
120.0	34.581	55.856	88.087	106.135	110.318
120.5	35.099	56.095	88.127	105.975	110.278
121.0	35.617	56.255	88.207	105.856	110.119
121.5	36.175	56.454	88.167	105.697	110.039
122.0	36.693	56.693	88.167	105.617	109.920
122.5	37.211	56.932	88.207	105.457	109.641
123.0	37.729	57.171	88.167	105.298	109.601
123.5	38.207	57.370	88.087	105.179	109.362
124.0	38.605	57.530	88.087	105.059	109.322
124.5	39.004	57.689	88.087	104.860	109.163
125.0	39.402	57.888	88.007	104.661	109.003
125.5	39.801	58.008	87.928	104.541	108.804
126.0	40.159	58.167	87.888	104.302	108.645
126.5	40.478	58.366	87.808	104.143	108.525
127.0	40.836	58.446	87.729	103.944	108.366
127.5	41.115	58.565	87.609	103.744	108.087
128.0	41.474	58.565	87.569	103.505	107.928
128.5	41.753	58.645	87.410	103.306	107.768
129.0	42.032	58.725	87.250	103.107	107.569
129.5	42.271	58.844	86.972	102.788	107.330
130.0	42.470	58.924	86.693	102.589	107.091
130.5	42.669	59.004	86.374	102.350	106.812
131.0	42.789	59.123	86.055	101.991	106.533
131.5	42.948	59.243	85.736	101.673	106.254
132.0	43.107	59.362	85.378	101.473	106.015
132.5	43.187	59.402	84.980	101.075	105.657
133.0	43.306	59.442	84.820	100.716	105.218
133.5	43.346	59.402	84.581	100.438	105.019
134.0	43.386	59.322	84.422	100.119	104.740
134.5	43.506	59.163	84.223	99.760	104.222
135.0	43.625	59.043	83.984	99.282	103.824
135.5	43.585	58.725	83.784	98.964	103.505
136.0	43.665	58.685	83.505	98.565	103.107
136.5	43.745	58.565	83.306	98.127	102.708
137.0	43.785	58.366	82.988	97.768	102.270
137.5	43.824	58.167	82.709	97.290	101.872
138.0	43.904	58.047	82.310	96.892	101.394
138.5	43.904	57.888	81.792	96.454	101.035

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	43.864	57.769	81.195	95.936	100.477
139.5	43.864	57.609	80.478	95.378	100.079
140.0	43.864	57.410	79.681	94.860	99.521
140.5	43.864	57.290	78.964	94.222	98.924
141.0	43.864	57.211	78.167	93.545	98.446
141.5	43.864	57.051	77.370	92.948	97.967
142.0	43.824	56.972	76.613	92.191	97.450
142.5	43.785	56.852	75.816	91.513	96.852
143.0	43.745	56.733	75.059	90.876	96.254
143.5	43.745	56.573	74.183	90.199	95.697
144.0	43.745	56.374	73.426	89.681	95.059
144.5	43.864	56.215	72.669	89.083	94.501
145.0	44.024	56.055	71.832	88.565	93.864
145.5	44.303	55.856	71.075	88.047	93.226
146.0	44.661	55.697	70.358	87.489	92.629
146.5	45.020	55.537	69.761	86.892	91.952
147.0	45.378	55.338	69.083	86.294	91.274
147.5	45.697	55.259	68.565	85.697	90.597
148.0	46.055	55.099	68.008	85.019	89.880
148.5	46.374	55.059	67.569	84.382	89.163
149.0	46.773	55.059	67.091	83.744	88.525
149.5	47.051	55.179	66.653	83.067	87.729
150.0	47.370	55.259	66.215	82.430	86.892
150.5	47.649	55.298	65.737	81.713	86.015
151.0	47.848	55.418	65.099	80.995	84.980
151.5	48.047	55.458	64.422	80.239	84.023
152.0	48.287	55.537	63.784	79.442	83.067
152.5	48.526	55.617	63.187	78.605	82.031
153.0	48.685	55.657	62.549	77.649	81.195
153.5	48.884	55.777	61.872	76.653	80.239
154.0	49.044	55.737	61.275	75.537	79.442
154.5	49.243	55.777	60.757	74.462	78.645
155.0	49.322	55.856	60.239	73.227	78.047
155.5	49.482	55.896	59.721	72.071	77.410
156.0	49.601	55.896	59.362	70.836	76.852
156.5	49.800	55.896	59.004	69.601	76.135
157.0	49.880	55.976	58.645	68.486	75.458
157.5	50.000	55.976	58.406	67.410	74.701
158.0	50.159	55.936	58.286	66.294	73.984
158.5	50.199	55.936	58.127	65.378	73.147
159.0	50.398	55.816	58.008	64.502	72.430
159.5	50.557	55.737	57.808	63.665	71.633
160.0	50.757	55.657	57.609	62.988	70.836
160.5	50.996	55.617	57.450	62.350	70.079
161.0	51.155	55.498	57.410	61.673	69.322
161.5	51.394	55.458	57.330	60.996	68.764
162.0	51.593	55.378	57.450	60.438	68.286
162.5	51.792	55.378	57.530	59.840	67.729
163.0	52.032	55.338	57.569	59.203	67.251
163.5	52.231	55.338	57.649	58.526	66.653
164.0	52.310	55.338	57.729	57.689	66.095
164.5	52.430	55.259	57.649	57.051	65.378
165.0	52.549	55.259	57.530	56.414	64.661
165.5	52.669	55.219	57.410	55.976	63.904
166.0	52.789	55.179	57.330	55.498	62.749
166.5	52.908	55.179	57.211	55.099	62.191

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	53.067	55.179	57.091	54.741	61.753
167.5	53.147	55.179	56.852	54.422	61.314
168.0	53.267	55.179	56.653	54.103	60.956
168.5	53.506	55.020	56.374	53.824	60.518
169.0	53.625	55.059	56.175	53.545	60.079
169.5	53.824	54.940	55.856	53.227	59.601
170.0	53.904	54.900	55.577	52.828	59.163
170.5	54.024	54.820	55.219	52.390	58.685
171.0	54.103	54.741	54.820	51.912	58.087
171.5	54.223	54.741	54.462	51.474	57.609
172.0	54.422	54.661	54.263	51.036	56.892
172.5	54.541	54.661	54.024	50.557	56.095
173.0	54.701	54.581	53.824	50.119	54.741
173.5	54.900	54.621	53.745	49.681	52.709
174.0	55.059	54.621	53.705	49.322	50.199
174.5	55.179	54.621	53.625	48.964	47.211
175.0	55.418	54.741	53.585	48.685	43.824
175.5	55.498	54.781	53.545	48.565	40.279
176.0	55.657	54.860	53.545	48.446	37.968
176.5	55.697	54.900	53.506	48.446	36.334
177.0	55.856	54.980	53.426	48.326	34.661
177.5	55.896	54.980	53.306	48.287	34.303
178.0	56.055	55.059	53.267	48.247	34.382
178.5	56.135	55.099	53.306	48.167	34.462
179.0	56.215	55.099	53.267	48.047	34.502
179.5	56.294	55.099	53.227	48.008	34.542
180.0	50.478	50.478	50.478	50.478	50.478

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L50-927-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	456.12	N.A.	11.70
0-30	955.73	N.A.	24.50
0-40	1535.25	N.A.	39.40
0-60	2598.21	N.A.	66.70
0-80	3236.9	N.A.	83.10
0-90	3397.53	N.A.	87.30
10-90	3278.62	N.A.	84.20
20-40	1079.13	N.A.	27.70
20-50	1649.81	N.A.	42.40
40-70	1441.6	N.A.	37.00
60-80	638.70	N.A.	16.40
70-80	260.05	N.A.	6.70
80-90	160.63	N.A.	4.10
90-110	187.62	N.A.	4.80
90-120	266.60	N.A.	6.80
90-130	339.30	N.A.	8.70
90-150	445.43	N.A.	11.40
90-180	496.17	N.A.	12.70
110-180	308.55	N.A.	7.90
0-180	3893.71	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	118.91
10-20	337.21
20-30	499.61
30-40	579.52
40-50	570.68
50-60	492.28
60-70	378.64
70-80	260.05
80-90	160.63
90-100	102.92
100-110	84.70
110-120	78.99
120-130	72.69
130-140	61.09
140-150	45.05
150-160	29.46
160-170	16.23
170-180	5.06

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L50-927-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-4-L50-927-DIM-UNV_.IES

UGR TABLE - CORRECTED

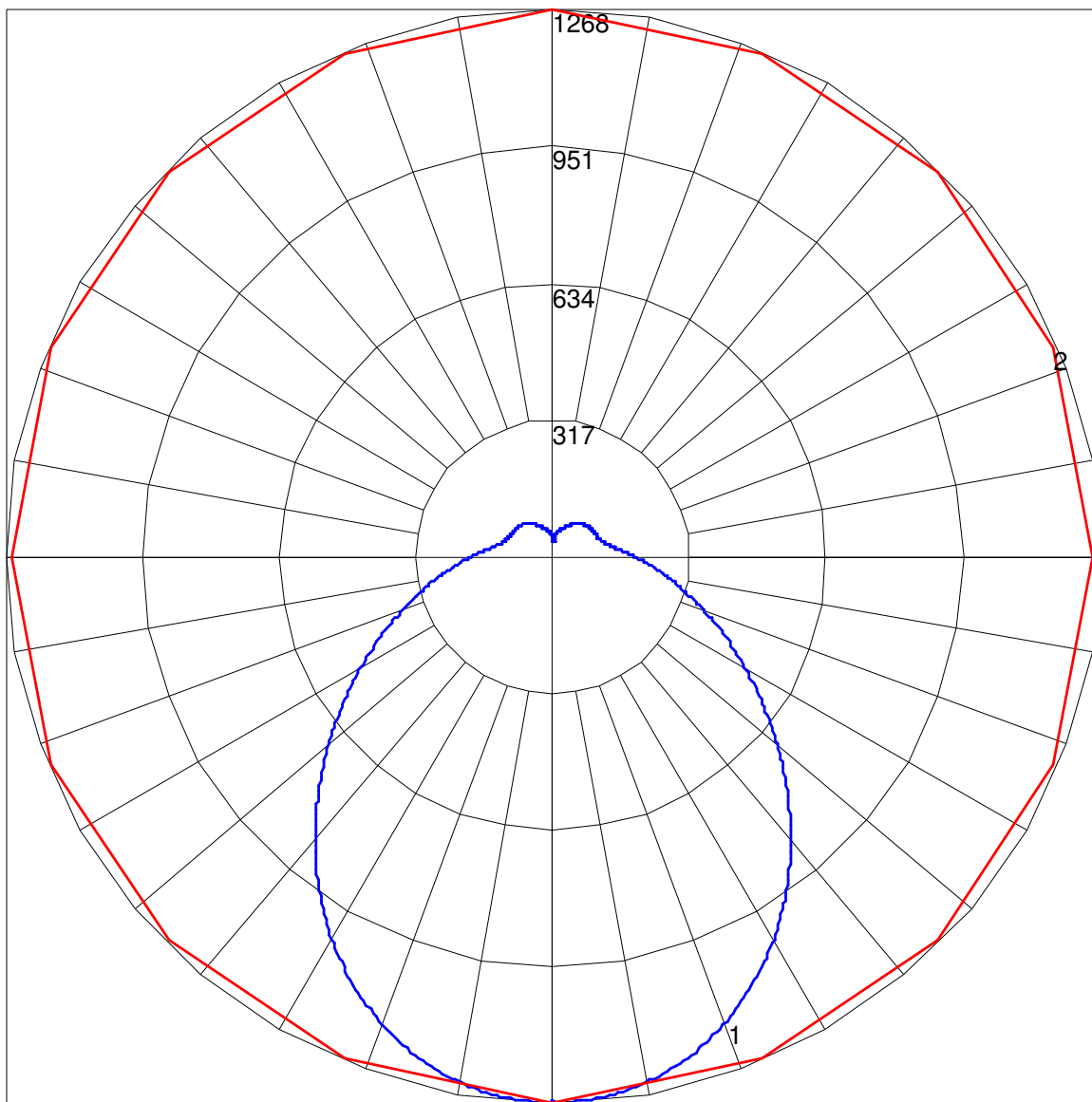
Reflectances

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	16.5	17.9	17.1	18.4	19.0	18.2	19.5	18.7	20.1	20.7
	3H	17.9	19.1	18.4	19.7	20.3	20.4	21.6	20.9	22.2	22.8
	4H	18.3	19.5	18.9	20.1	20.7	21.4	22.6	22.0	23.2	23.9
	6H	18.6	19.7	19.2	20.3	21.0	22.6	23.6	23.2	24.2	24.9
	8H	18.7	19.7	19.3	20.3	21.0	23.1	24.2	23.8	24.8	25.5
	12H	18.7	19.7	19.3	20.3	21.0	23.8	24.8	24.4	25.4	26.1
4H	2H	17.2	18.4	17.8	19.0	19.7	18.6	19.7	19.2	20.3	21.0
	3H	18.8	19.8	19.4	20.4	21.1	21.0	22.0	21.6	22.6	23.3
	4H	19.4	20.3	20.0	20.9	21.7	22.3	23.1	22.9	23.8	24.5
	6H	19.8	20.6	20.5	21.3	22.0	23.6	24.4	24.2	25.0	25.8
	8H	19.9	20.7	20.6	21.3	22.1	24.3	25.0	24.9	25.7	26.4
	12H	20.0	20.7	20.7	21.4	22.1	25.1	25.7	25.7	26.4	27.2
8H	4H	20.0	20.7	20.6	21.4	22.1	22.4	23.2	23.1	23.8	24.6
	6H	20.6	21.2	21.2	21.9	22.6	23.9	24.6	24.6	25.3	26.0
	8H	20.8	21.3	21.4	22.0	22.8	24.8	25.4	25.5	26.1	26.8
	12H	20.9	21.4	21.6	22.1	22.9	25.8	26.3	26.5	27.0	27.8
12H	4H	20.1	20.8	20.8	21.5	22.2	22.4	23.1	23.1	23.8	24.6
	6H	20.8	21.4	21.5	22.1	22.9	24.0	24.6	24.7	25.2	26.0
	8H	21.1	21.6	21.8	22.3	23.1	24.9	25.4	25.6	26.1	26.9

Maximum UGR = 27.8

POLAR GRAPH



Maximum Candela = 1267.721 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.)