

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-3-L40-830-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-L40-830-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	3846
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	136
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	11112	9981	9926
55	9594	8533	8714
65	8027	7293	7766
75	6373	6350	7259
85	4494	6202	7669

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-3-L40-830-DIM-UNV\_.IES**

**CANDELA TABULATION**

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	1244.794	1244.794	1244.794	1244.794	1244.794
0.5	1238.891	1243.613	1244.400	1244.007	1252.271
1.0	1238.891	1244.007	1244.007	1243.613	1251.878
1.5	1237.710	1244.007	1243.613	1243.220	1252.271
2.0	1237.316	1242.826	1243.613	1242.826	1251.091
2.5	1237.316	1242.826	1242.433	1242.433	1250.304
3.0	1236.136	1241.645	1241.645	1241.645	1249.516
3.5	1235.349	1240.465	1240.465	1240.858	1248.729
4.0	1234.562	1239.678	1239.678	1239.284	1247.942
4.5	1232.594	1238.497	1238.891	1238.497	1246.762
5.0	1231.413	1237.316	1237.316	1237.316	1245.581
5.5	1229.839	1235.742	1235.742	1236.136	1244.007
6.0	1229.052	1233.775	1234.168	1234.168	1242.433
6.5	1226.297	1232.200	1232.594	1232.594	1240.465
7.0	1224.723	1230.233	1230.626	1230.233	1238.891
7.5	1223.149	1227.871	1228.658	1228.658	1236.923
8.0	1221.181	1226.297	1226.297	1226.297	1234.168
8.5	1219.213	1223.542	1224.329	1224.329	1231.807
9.0	1216.065	1221.575	1221.968	1221.575	1229.052
9.5	1214.097	1218.820	1218.820	1218.820	1227.478
10.0	1210.949	1215.671	1215.671	1216.458	1224.329
10.5	1208.194	1212.916	1213.310	1213.310	1221.575
11.0	1205.439	1210.162	1210.555	1210.162	1218.426
11.5	1201.897	1207.013	1207.800	1207.013	1215.671
12.0	1198.749	1203.471	1204.258	1204.258	1212.129
12.5	1195.600	1199.929	1201.110	1200.323	1208.981
13.0	1192.058	1196.781	1197.568	1197.175	1205.439
13.5	1188.516	1192.845	1193.633	1193.633	1202.291
14.0	1184.187	1188.910	1189.697	1189.697	1197.962
14.5	1180.645	1184.974	1185.762	1185.762	1194.813
15.0	1177.104	1181.039	1181.433	1181.433	1190.091
15.5	1172.774	1176.316	1177.497	1177.497	1185.368
16.0	1168.052	1171.987	1173.168	1173.168	1181.433
16.5	1164.116	1167.265	1168.445	1168.839	1177.104
17.0	1158.607	1162.149	1163.723	1164.116	1172.381
17.5	1153.884	1157.426	1159.000	1159.394	1167.658
18.0	1149.555	1152.704	1153.884	1155.065	1163.329
18.5	1144.439	1147.981	1149.162	1149.949	1158.213
19.0	1139.323	1142.078	1144.045	1144.833	1152.704
19.5	1133.420	1137.355	1138.929	1140.504	1147.587
20.0	1127.123	1131.452	1133.420	1134.600	1142.078
20.5	1120.826	1126.336	1127.910	1129.484	1136.962
21.0	1115.710	1120.039	1121.220	1124.368	1131.452
21.5	1109.807	1114.136	1116.104	1117.678	1125.549
22.0	1103.510	1108.626	1110.594	1112.168	1120.433
22.5	1098.000	1101.542	1104.297	1106.658	1114.529
23.0	1091.310	1095.245	1098.000	1100.362	1108.233
23.5	1084.226	1088.555	1092.097	1094.458	1102.329
24.0	1077.142	1081.865	1085.407	1088.162	1096.033
24.5	1071.239	1075.174	1079.110	1081.471	1088.949
25.0	1064.549	1068.484	1072.813	1075.174	1082.652
25.5	1057.071	1061.794	1065.336	1068.878	1075.174
26.0	1049.987	1054.316	1059.039	1062.187	1069.271
26.5	1042.510	1046.839	1052.349	1055.103	1062.581

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-3-L40-830-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

27.0	1035.033	1038.968	1045.658	1049.200	1055.891
27.5	1026.374	1031.491	1038.181	1041.329	1049.200
28.0	1020.078	1024.013	1030.703	1034.245	1041.723
28.5	1011.813	1016.536	1023.226	1026.768	1034.245
29.0	1003.942	1008.665	1015.355	1019.684	1027.162
29.5	995.678	1000.400	1007.484	1011.813	1019.291
30.0	987.413	992.529	999.613	1005.123	1012.600
30.5	978.755	983.871	992.136	997.645	1004.729
31.0	970.491	975.607	983.871	989.774	996.465
31.5	961.833	967.736	976.000	982.297	989.381
32.0	953.568	958.684	968.129	974.033	981.116
32.5	944.516	950.026	959.865	966.162	973.245
33.0	935.858	941.762	950.813	958.291	965.374
33.5	927.594	933.103	942.942	949.633	957.110
34.0	917.755	924.052	934.284	941.762	949.633
34.5	908.703	915.394	926.020	933.103	940.974
35.0	900.439	905.949	917.755	925.232	932.710
35.5	889.813	897.291	908.703	916.574	924.052
36.0	881.549	887.845	900.045	907.916	915.787
36.5	871.316	878.400	890.994	899.652	907.916
37.0	861.871	869.349	881.942	890.600	899.652
37.5	852.032	859.510	873.284	882.729	890.600
38.0	842.194	850.065	863.839	873.678	881.155
38.5	831.962	840.226	854.787	865.413	872.497
39.0	822.910	830.387	845.342	856.362	865.413
39.5	812.678	821.336	836.291	847.310	855.968
40.0	801.658	811.103	826.845	839.045	846.916
40.5	791.426	801.265	817.794	830.387	838.258
41.0	781.981	791.426	808.349	821.336	829.207
41.5	771.749	781.587	798.903	812.284	820.549
42.0	761.516	771.749	789.458	803.626	811.891
42.5	751.678	761.516	779.620	794.574	802.839
43.0	740.658	751.678	770.568	785.916	794.181
43.5	731.213	741.445	760.729	776.865	785.523
44.0	720.587	731.213	750.891	768.207	776.471
44.5	710.749	721.374	741.052	758.761	767.420
45.0	700.516	711.142	731.607	750.497	759.155
45.5	690.284	701.303	722.161	741.839	750.497
46.0	680.052	691.071	711.929	732.394	741.445
46.5	669.820	680.839	703.271	724.523	732.787
47.0	659.194	671.000	693.432	715.078	724.129
47.5	648.961	660.768	683.594	706.026	715.078
48.0	639.123	650.536	673.755	697.761	706.026
48.5	628.103	640.697	664.703	688.316	697.368
49.0	618.265	630.071	654.471	679.265	688.316
49.5	608.032	620.232	645.026	670.607	679.658
50.0	597.407	610.000	635.581	661.161	670.607
50.5	587.568	600.161	625.742	653.290	662.342
51.0	577.336	589.929	617.084	644.239	653.684
51.5	567.497	579.697	607.245	635.581	645.026
52.0	556.871	569.858	597.800	626.529	636.368
52.5	546.639	559.626	588.749	617.478	628.103
53.0	536.013	549.787	579.303	609.607	619.052
53.5	525.781	539.949	570.252	600.555	610.787
54.0	515.942	530.110	561.200	591.897	602.523
54.5	506.497	519.878	552.149	584.026	594.258

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-3-L40-830-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

55.0	496.658	510.432	543.097	574.974	586.781
55.5	488.394	500.594	534.045	566.710	577.729
56.0	478.949	491.936	525.387	558.445	569.465
56.5	469.110	482.884	516.336	550.181	561.594
57.0	459.665	473.832	507.678	541.916	553.329
57.5	449.826	464.387	500.200	534.045	544.278
58.0	439.987	454.942	491.542	525.387	537.587
58.5	430.542	445.497	482.884	517.910	529.716
59.0	421.097	436.052	474.619	511.219	521.452
59.5	411.652	427.000	467.142	502.955	515.155
60.0	402.207	417.555	458.878	495.084	507.284
60.5	392.958	408.503	450.613	487.607	499.413
61.0	383.670	399.452	442.349	480.129	491.936
61.5	374.461	390.479	434.084	472.652	484.852
62.0	365.410	381.585	426.213	465.568	477.374
62.5	356.476	372.769	417.948	458.484	470.290
63.0	347.425	363.993	410.078	451.007	463.994
63.5	338.452	355.335	402.600	443.923	456.910
64.0	329.715	346.795	394.729	436.445	449.826
64.5	321.018	338.452	387.252	429.361	442.742
65.0	312.399	330.069	379.735	422.278	436.052
65.5	303.898	321.883	372.297	415.194	428.968
66.0	295.279	313.698	364.938	408.110	422.278
66.5	286.857	305.708	357.618	401.419	415.587
67.0	278.632	297.798	350.337	394.336	408.897
67.5	270.368	290.006	343.214	387.724	402.207
68.0	262.221	282.410	336.130	381.034	395.910
68.5	254.193	274.854	329.203	374.540	389.338
69.0	246.204	267.377	322.356	368.007	383.119
69.5	238.333	260.057	315.587	361.671	376.941
70.0	230.501	252.855	308.936	355.453	370.801
70.5	222.867	245.732	302.285	349.235	364.741
71.0	215.310	238.687	295.752	343.096	358.759
71.5	207.833	231.800	289.376	337.114	352.856
72.0	200.513	224.874	283.001	331.171	347.110
72.5	193.154	218.183	276.783	325.347	341.403
73.0	185.991	211.532	270.604	319.601	335.658
73.5	179.025	204.960	264.622	313.894	330.069
74.0	172.138	198.585	258.561	308.385	324.441
74.5	165.369	192.170	252.776	302.914	319.128
75.0	158.639	185.912	247.030	297.562	313.973
75.5	152.028	179.812	241.363	292.249	308.739
76.0	145.613	173.830	235.854	286.976	303.623
76.5	139.237	167.927	230.383	281.820	298.507
77.0	132.941	162.063	224.992	276.704	293.548
77.5	126.762	156.357	219.679	271.745	288.628
78.0	120.662	150.768	214.523	266.865	283.788
78.5	114.680	145.259	209.407	261.946	278.987
79.0	108.816	139.906	204.448	257.184	274.264
79.5	102.992	134.594	199.568	252.540	269.541
80.0	97.246	129.359	194.688	247.936	265.055
80.5	91.657	124.283	189.966	243.292	260.490
81.0	86.226	119.285	185.440	238.805	256.043
81.5	80.717	114.405	180.914	234.358	251.596
82.0	75.404	109.643	176.506	230.068	247.306
82.5	70.209	104.959	172.177	225.779	243.095

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-3-L40-830-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

83.0	65.093	100.394	167.927	221.647	239.002
83.5	60.016	95.947	163.874	217.436	234.752
84.0	55.057	91.618	159.938	213.461	230.698
84.5	50.138	87.446	156.081	209.525	226.723
85.0	45.415	83.393	152.303	205.629	222.748
85.5	40.693	79.536	148.604	201.851	218.892
86.0	36.049	75.837	144.983	198.152	215.074
86.5	31.445	72.374	141.559	194.452	211.257
87.0	26.919	69.028	138.096	190.950	207.518
87.5	22.393	65.919	134.830	187.408	203.937
88.0	17.906	62.889	131.603	183.984	200.316
88.5	13.381	60.055	128.494	180.599	196.814
89.0	9.248	57.379	125.542	177.333	193.350
89.5	5.864	54.900	122.669	174.185	189.966
90.0	3.503	52.696	120.032	171.194	186.857
90.5	2.479	50.768	117.592	168.203	183.551
91.0	2.637	48.997	115.113	165.172	180.403
91.5	3.148	47.305	112.634	162.299	177.254
92.0	3.739	45.888	110.272	159.387	174.185
92.5	4.368	44.668	108.265	156.593	171.154
93.0	4.998	43.605	106.179	153.956	168.242
93.5	5.667	42.779	104.212	151.359	165.487
94.0	6.375	42.070	102.362	148.919	162.811
94.5	7.045	41.559	100.630	146.439	160.056
95.0	7.714	41.165	99.017	143.999	157.419
95.5	8.343	40.890	97.521	141.677	154.822
96.0	8.855	40.772	96.223	139.434	152.264
96.5	9.366	40.772	94.924	137.348	149.903
97.0	9.839	40.811	93.743	135.341	147.541
97.5	10.350	40.968	92.641	133.413	145.377
98.0	10.783	41.126	91.657	131.524	143.173
98.5	11.295	41.323	90.831	129.714	141.126
99.0	11.806	41.559	89.965	128.021	139.119
99.5	12.357	41.834	89.217	126.408	137.152
100.0	12.830	42.110	88.627	124.912	135.381
100.5	13.381	42.425	88.037	123.456	133.570
101.0	13.853	42.739	87.604	122.079	131.957
101.5	14.325	43.054	87.171	120.780	130.304
102.0	14.758	43.369	86.856	119.560	128.848
102.5	15.191	43.684	86.541	118.419	127.392
103.0	15.624	44.038	86.305	117.277	126.093
103.5	16.096	44.392	86.108	116.294	124.755
104.0	16.608	44.707	85.912	115.388	123.535
104.5	17.119	45.061	85.794	114.523	122.394
105.0	17.592	45.415	85.676	113.736	121.292
105.5	18.025	45.730	85.557	112.909	120.347
106.0	18.536	46.124	85.518	112.201	119.403
106.5	19.008	46.478	85.518	111.532	118.458
107.0	19.481	46.872	85.518	110.902	117.671
107.5	19.914	47.186	85.518	110.430	116.845
108.0	20.465	47.580	85.518	109.879	116.018
108.5	20.976	47.974	85.557	109.485	115.467
109.0	21.488	48.288	85.636	108.974	114.916
109.5	22.039	48.643	85.676	108.619	114.326
110.0	22.590	48.997	85.754	108.226	113.854
110.5	23.141	49.351	85.833	107.872	113.421

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-3-L40-830-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

111.0	23.692	49.705	85.872	107.557	112.948
111.5	24.243	50.020	85.912	107.321	112.555
112.0	24.833	50.374	85.990	107.085	112.083
112.5	25.423	50.728	86.069	106.809	111.650
113.0	26.053	51.083	86.187	106.612	111.453
113.5	26.643	51.397	86.187	106.416	111.177
114.0	27.273	51.712	86.266	106.258	110.902
114.5	27.863	52.066	86.345	106.061	110.666
115.0	28.493	52.342	86.423	105.943	110.469
115.5	29.123	52.696	86.423	105.825	110.272
116.0	29.713	53.011	86.541	105.668	110.036
116.5	30.264	53.326	86.620	105.510	109.957
117.0	30.894	53.680	86.699	105.510	109.761
117.5	31.484	53.955	86.777	105.353	109.643
118.0	31.995	54.231	86.856	105.274	109.485
118.5	32.586	54.506	86.896	105.156	109.446
119.0	33.097	54.782	86.974	105.038	109.210
119.5	33.648	54.979	87.053	104.920	109.170
120.0	34.160	55.175	87.014	104.841	108.974
120.5	34.672	55.412	87.053	104.684	108.934
121.0	35.183	55.569	87.132	104.566	108.777
121.5	35.734	55.766	87.092	104.408	108.698
122.0	36.246	56.002	87.092	104.330	108.580
122.5	36.757	56.238	87.132	104.172	108.305
123.0	37.269	56.474	87.092	104.015	108.265
123.5	37.741	56.671	87.014	103.897	108.029
124.0	38.135	56.828	87.014	103.779	107.990
124.5	38.528	56.986	87.014	103.582	107.832
125.0	38.922	57.183	86.935	103.385	107.675
125.5	39.315	57.301	86.856	103.267	107.478
126.0	39.670	57.458	86.817	103.031	107.321
126.5	39.985	57.655	86.738	102.874	107.203
127.0	40.339	57.734	86.659	102.677	107.045
127.5	40.614	57.852	86.541	102.480	106.770
128.0	40.968	57.852	86.502	102.244	106.612
128.5	41.244	57.930	86.345	102.047	106.455
129.0	41.519	58.009	86.187	101.850	106.258
129.5	41.755	58.127	85.912	101.536	106.022
130.0	41.952	58.206	85.636	101.339	105.786
130.5	42.149	58.285	85.321	101.103	105.510
131.0	42.267	58.403	85.006	100.748	105.235
131.5	42.425	58.521	84.692	100.434	104.959
132.0	42.582	58.639	84.337	100.237	104.723
132.5	42.661	58.678	83.944	99.843	104.369
133.0	42.779	58.717	83.786	99.489	103.936
133.5	42.818	58.678	83.550	99.214	103.739
134.0	42.857	58.599	83.393	98.899	103.464
134.5	42.975	58.442	83.196	98.545	102.952
135.0	43.094	58.324	82.960	98.072	102.559
135.5	43.054	58.009	82.763	97.757	102.244
136.0	43.133	57.970	82.488	97.364	101.850
136.5	43.212	57.852	82.291	96.931	101.457
137.0	43.251	57.655	81.976	96.577	101.024
137.5	43.290	57.458	81.701	96.105	100.630
138.0	43.369	57.340	81.307	95.711	100.158
138.5	43.369	57.183	80.796	95.278	99.804

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-3-L40-830-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

139.0	43.330	57.065	80.205	94.766	99.253
139.5	43.330	56.907	79.497	94.216	98.859
140.0	43.330	56.710	78.710	93.704	98.308
140.5	43.330	56.592	78.001	93.074	97.718
141.0	43.330	56.514	77.214	92.405	97.246
141.5	43.330	56.356	76.427	91.815	96.774
142.0	43.290	56.277	75.679	91.067	96.262
142.5	43.251	56.159	74.892	90.398	95.672
143.0	43.212	56.041	74.145	89.768	95.081
143.5	43.212	55.884	73.279	89.099	94.530
144.0	43.212	55.687	72.531	88.588	93.901
144.5	43.330	55.530	71.783	87.997	93.350
145.0	43.487	55.372	70.957	87.486	92.720
145.5	43.763	55.175	70.209	86.974	92.090
146.0	44.117	55.018	69.501	86.423	91.500
146.5	44.471	54.861	68.910	85.833	90.831
147.0	44.825	54.664	68.241	85.243	90.162
147.5	45.140	54.585	67.730	84.652	89.493
148.0	45.494	54.428	67.179	83.983	88.785
148.5	45.809	54.388	66.746	83.354	88.076
149.0	46.203	54.388	66.274	82.724	87.446
149.5	46.478	54.506	65.841	82.055	86.659
150.0	46.793	54.585	65.408	81.425	85.833
150.5	47.068	54.625	64.936	80.717	84.967
151.0	47.265	54.743	64.306	80.008	83.944
151.5	47.462	54.782	63.637	79.261	82.999
152.0	47.698	54.861	63.007	78.474	82.055
152.5	47.934	54.939	62.417	77.647	81.032
153.0	48.092	54.979	61.787	76.703	80.205
153.5	48.288	55.097	61.118	75.719	79.261
154.0	48.446	55.057	60.528	74.617	78.474
154.5	48.643	55.097	60.016	73.554	77.686
155.0	48.721	55.175	59.505	72.334	77.096
155.5	48.879	55.215	58.993	71.193	76.466
156.0	48.997	55.215	58.639	69.973	75.916
156.5	49.194	55.215	58.285	68.753	75.207
157.0	49.272	55.294	57.930	67.651	74.538
157.5	49.390	55.294	57.694	66.588	73.790
158.0	49.548	55.254	57.576	65.486	73.082
158.5	49.587	55.254	57.419	64.581	72.256
159.0	49.784	55.136	57.301	63.716	71.547
159.5	49.941	55.057	57.104	62.889	70.760
160.0	50.138	54.979	56.907	62.220	69.973
160.5	50.374	54.939	56.750	61.590	69.225
161.0	50.532	54.821	56.710	60.921	68.477
161.5	50.768	54.782	56.632	60.252	67.926
162.0	50.965	54.703	56.750	59.701	67.454
162.5	51.161	54.703	56.828	59.111	66.903
163.0	51.397	54.664	56.868	58.481	66.431
163.5	51.594	54.664	56.946	57.812	65.841
164.0	51.673	54.664	57.025	56.986	65.290
164.5	51.791	54.585	56.946	56.356	64.581
165.0	51.909	54.585	56.828	55.726	63.873
165.5	52.027	54.546	56.710	55.294	63.125
166.0	52.145	54.506	56.632	54.821	61.984
166.5	52.263	54.506	56.514	54.428	61.433

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-3-L40-830-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

<b>167.0</b>	52.421	54.506	56.395	54.074	61.000
<b>167.5</b>	52.499	54.506	56.159	53.759	60.567
<b>168.0</b>	52.617	54.506	55.963	53.444	60.213
<b>168.5</b>	52.854	54.349	55.687	53.168	59.780
<b>169.0</b>	52.972	54.388	55.490	52.893	59.347
<b>169.5</b>	53.168	54.270	55.175	52.578	58.875
<b>170.0</b>	53.247	54.231	54.900	52.185	58.442
<b>170.5</b>	53.365	54.152	54.546	51.752	57.970
<b>171.0</b>	53.444	54.074	54.152	51.279	57.379
<b>171.5</b>	53.562	54.074	53.798	50.846	56.907
<b>172.0</b>	53.759	53.995	53.601	50.414	56.199
<b>172.5</b>	53.877	53.995	53.365	49.941	55.412
<b>173.0</b>	54.034	53.916	53.168	49.508	54.074
<b>173.5</b>	54.231	53.955	53.090	49.075	52.066
<b>174.0</b>	54.388	53.955	53.050	48.721	49.587
<b>174.5</b>	54.506	53.955	52.972	48.367	46.635
<b>175.0</b>	54.743	54.074	52.932	48.092	43.290
<b>175.5</b>	54.821	54.113	52.893	47.974	39.788
<b>176.0</b>	54.979	54.192	52.893	47.855	37.505
<b>176.5</b>	55.018	54.231	52.854	47.855	35.892
<b>177.0</b>	55.175	54.310	52.775	47.737	34.239
<b>177.5</b>	55.215	54.310	52.657	47.698	33.885
<b>178.0</b>	55.372	54.388	52.617	47.659	33.963
<b>178.5</b>	55.451	54.428	52.657	47.580	34.042
<b>179.0</b>	55.530	54.428	52.617	47.462	34.081
<b>179.5</b>	55.608	54.428	52.578	47.423	34.121
<b>180.0</b>	49.863	49.863	49.863	49.863	49.863



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-3-L40-830-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	450.56	N.A.	11.70
0-30	944.08	N.A.	24.50
0-40	1516.54	N.A.	39.40
0-60	2566.54	N.A.	66.70
0-80	3197.46	N.A.	83.10
0-90	3356.13	N.A.	87.30
10-90	3238.66	N.A.	84.20
20-40	1065.97	N.A.	27.70
20-50	1629.7	N.A.	42.40
40-70	1424.03	N.A.	37.00
60-80	630.91	N.A.	16.40
70-80	256.88	N.A.	6.70
80-90	158.67	N.A.	4.10
90-110	185.33	N.A.	4.80
90-120	263.35	N.A.	6.80
90-130	335.16	N.A.	8.70
90-150	440.00	N.A.	11.40
90-180	490.13	N.A.	12.70
110-180	304.79	N.A.	7.90
0-180	3846.25	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	117.46
10-20	333.10
20-30	493.52
30-40	572.46
40-50	563.73
50-60	486.28
60-70	374.03
70-80	256.88
80-90	158.67
90-100	101.66
100-110	83.67
110-120	78.02
120-130	71.81
130-140	60.34
140-150	44.50
150-160	29.10
160-170	16.03
170-180	4.99

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-3-L40-830-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-3-L40-830-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

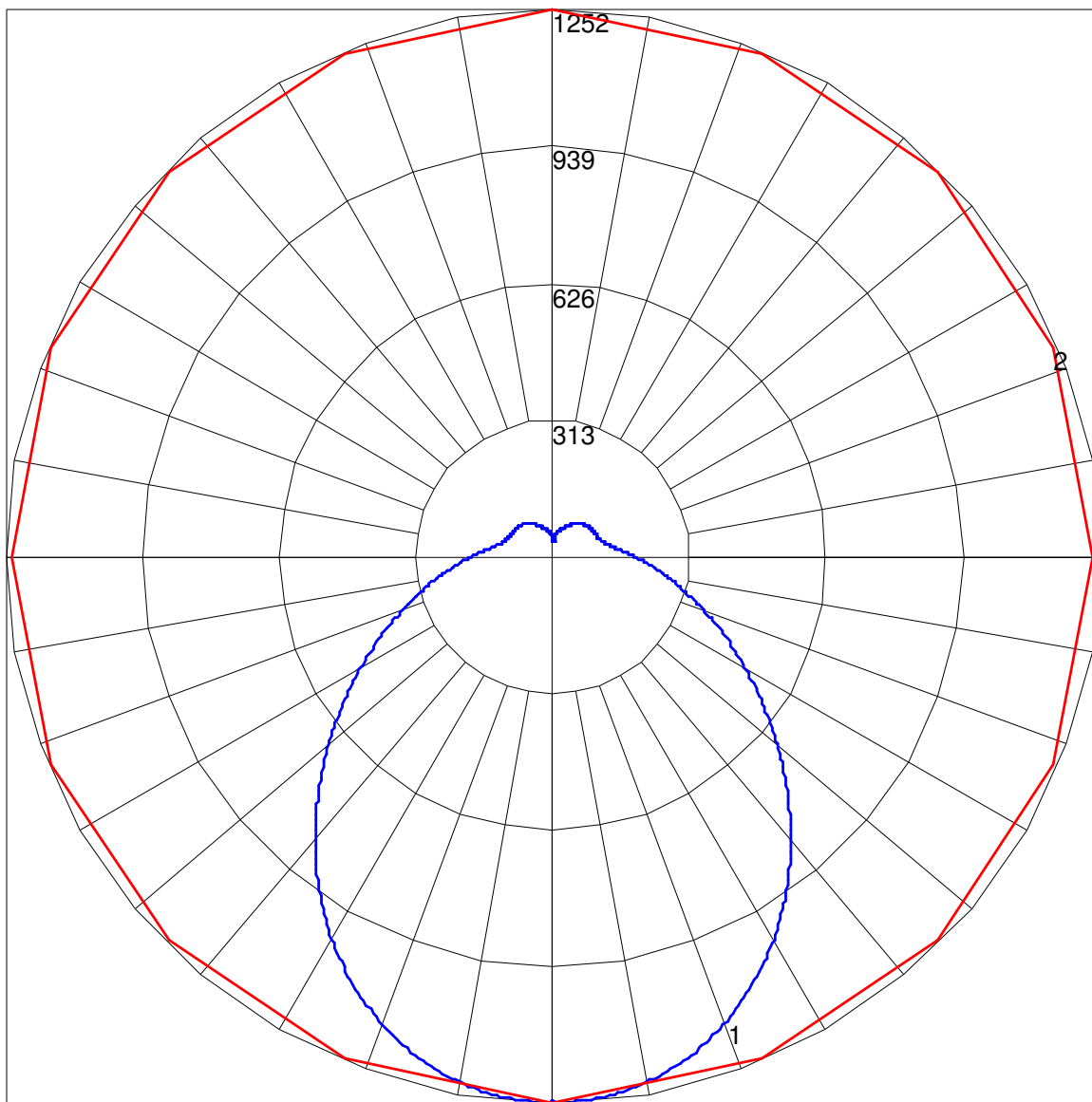
Reflectances

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 = 1252.271 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.)