

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-3-L40-850-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-L40-850-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	4118
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	146
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	11898	10687	10628
55	10273	9136	9330
65	8594	7809	8315
75	6824	6799	7772
85	4812	6640	8212

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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	1332.810	1332.810	1332.810	1332.810	1332.810
0.5	1326.489	1331.546	1332.388	1331.967	1340.816
1.0	1326.489	1331.967	1331.967	1331.546	1340.394
1.5	1325.225	1331.967	1331.546	1331.124	1340.816
2.0	1324.804	1330.703	1331.546	1330.703	1339.552
2.5	1324.804	1330.703	1330.281	1330.281	1338.709
3.0	1323.539	1329.439	1329.439	1329.439	1337.866
3.5	1322.697	1328.175	1328.175	1328.596	1337.023
4.0	1321.854	1327.332	1327.332	1326.910	1336.181
4.5	1319.747	1326.068	1326.489	1326.068	1334.917
5.0	1318.483	1324.804	1324.804	1324.804	1333.652
5.5	1316.797	1323.118	1323.118	1323.539	1331.967
6.0	1315.955	1321.011	1321.433	1321.433	1330.281
6.5	1313.005	1319.326	1319.747	1319.747	1328.175
7.0	1311.320	1317.219	1317.640	1317.219	1326.489
7.5	1309.634	1314.691	1315.533	1315.533	1324.382
8.0	1307.527	1313.005	1313.005	1313.005	1321.433
8.5	1305.420	1310.055	1310.898	1310.898	1318.904
9.0	1302.049	1307.949	1308.370	1307.949	1315.955
9.5	1299.942	1304.999	1304.999	1304.999	1314.269
10.0	1296.571	1301.628	1301.628	1302.471	1310.898
10.5	1293.622	1298.678	1299.100	1299.100	1307.949
11.0	1290.672	1295.729	1296.150	1295.729	1304.578
11.5	1286.880	1292.358	1293.200	1292.358	1301.628
12.0	1283.509	1288.565	1289.408	1289.408	1297.836
12.5	1280.138	1284.773	1286.037	1285.194	1294.465
13.0	1276.345	1281.402	1282.245	1281.823	1290.672
13.5	1272.553	1277.188	1278.031	1278.031	1287.301
14.0	1267.918	1272.974	1273.817	1273.817	1282.666
14.5	1264.126	1268.761	1269.603	1269.603	1279.295
15.0	1260.333	1264.547	1264.968	1264.968	1274.239
15.5	1255.698	1259.490	1260.755	1260.755	1269.182
16.0	1250.642	1254.855	1256.119	1256.119	1264.968
16.5	1246.428	1249.799	1251.063	1251.484	1260.333
17.0	1240.529	1244.321	1246.006	1246.428	1255.277
17.5	1235.472	1239.264	1240.950	1241.371	1250.220
18.0	1230.837	1234.208	1235.472	1236.736	1245.585
18.5	1225.359	1229.151	1230.416	1231.258	1240.107
19.0	1219.881	1222.831	1224.938	1225.780	1234.208
19.5	1213.561	1217.774	1219.460	1221.145	1228.730
20.0	1206.819	1211.454	1213.561	1214.825	1222.831
20.5	1200.077	1205.976	1207.661	1209.347	1217.353
21.0	1194.599	1199.234	1200.498	1203.869	1211.454
21.5	1188.278	1192.913	1195.020	1196.706	1205.133
22.0	1181.536	1187.014	1189.121	1190.806	1199.655
22.5	1175.637	1179.429	1182.379	1184.907	1193.335
23.0	1168.473	1172.687	1175.637	1178.165	1186.593
23.5	1160.889	1165.524	1169.316	1171.844	1180.272
24.0	1153.304	1158.360	1162.153	1165.102	1173.530
24.5	1146.983	1151.197	1155.411	1157.939	1165.945
25.0	1139.820	1144.034	1148.669	1151.197	1159.203
25.5	1131.814	1136.870	1140.663	1144.455	1151.197
26.0	1124.229	1128.864	1133.921	1137.292	1144.876
26.5	1116.223	1120.858	1126.757	1129.707	1137.713

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**CANDELA TABULATION - (Cont.)**

27.0	1108.217	1112.430	1119.594	1123.386	1130.550
27.5	1098.946	1104.424	1111.588	1114.959	1123.386
28.0	1092.204	1096.418	1103.582	1107.374	1115.380
28.5	1083.356	1088.412	1095.575	1099.368	1107.374
29.0	1074.928	1079.985	1087.148	1091.783	1099.789
29.5	1066.079	1071.136	1078.720	1083.356	1091.362
30.0	1057.230	1062.708	1070.293	1076.192	1084.198
30.5	1047.960	1053.438	1062.287	1068.186	1075.771
31.0	1039.111	1044.589	1053.438	1059.759	1066.922
31.5	1029.841	1036.162	1045.010	1051.752	1059.337
32.0	1020.992	1026.470	1036.583	1042.904	1050.488
32.5	1011.300	1017.200	1027.734	1034.476	1042.061
33.0	1002.030	1008.351	1018.042	1026.049	1033.633
33.5	993.181	999.081	1009.615	1016.778	1024.784
34.0	982.647	989.389	1000.345	1008.351	1016.778
34.5	972.955	980.119	991.496	999.081	1007.508
35.0	964.106	970.006	982.647	990.653	998.659
35.5	952.729	960.735	972.955	981.383	989.389
36.0	943.880	950.622	963.685	972.113	980.540
36.5	932.925	940.509	953.993	963.264	972.113
37.0	922.812	930.818	944.302	953.572	963.264
37.5	912.277	920.283	935.032	945.145	953.572
38.0	901.743	910.170	924.919	935.453	943.459
38.5	890.787	899.636	915.227	926.604	934.189
39.0	881.096	889.102	905.114	916.912	926.604
39.5	870.140	879.410	895.422	907.221	916.491
40.0	858.341	868.454	885.309	898.372	906.799
40.5	847.385	857.920	875.618	889.102	897.529
41.0	837.272	847.385	865.505	879.410	887.838
41.5	826.317	836.851	855.392	869.718	878.567
42.0	815.361	826.317	845.279	860.448	869.297
42.5	804.827	815.361	834.744	850.756	859.605
43.0	793.028	804.827	825.053	841.486	850.335
43.5	782.915	793.871	814.518	831.795	841.065
44.0	771.538	782.915	803.984	822.524	831.373
44.5	761.004	772.381	793.449	812.411	821.682
45.0	750.048	761.425	783.336	803.562	812.833
45.5	739.092	750.891	773.223	794.292	803.562
46.0	728.136	739.935	762.268	784.179	793.871
46.5	717.181	728.979	752.997	775.752	784.601
47.0	705.803	718.445	742.463	765.639	775.330
47.5	694.848	707.489	731.929	755.947	765.639
48.0	684.313	696.533	721.394	747.098	755.947
48.5	672.515	685.999	711.703	736.985	746.677
49.0	661.980	674.622	700.747	727.294	736.985
49.5	651.025	664.087	690.634	718.023	727.715
50.0	639.648	653.132	680.521	707.910	718.023
50.5	629.113	642.597	669.987	699.483	709.174
51.0	618.157	631.641	660.716	689.791	699.904
51.5	607.623	620.686	650.182	680.521	690.634
52.0	596.246	610.151	640.069	670.829	681.364
52.5	585.290	599.196	630.377	661.138	672.515
53.0	573.913	588.661	620.264	652.710	662.823
53.5	562.957	578.127	610.573	643.019	653.974
54.0	552.423	567.592	600.881	633.748	645.125
54.5	542.310	556.637	591.189	625.321	636.277

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**CANDELA TABULATION - (Cont.)**

55.0	531.775	546.524	581.498	615.629	628.270
55.5	522.927	535.989	571.806	606.780	618.579
56.0	512.814	526.719	562.536	597.931	609.730
56.5	502.279	517.027	552.844	589.083	601.302
57.0	492.166	507.336	543.574	580.234	592.454
57.5	481.632	497.223	535.568	571.806	582.762
58.0	471.097	487.110	526.298	562.536	575.599
58.5	460.984	476.997	517.027	554.530	567.171
59.0	450.871	466.884	508.178	547.366	558.322
59.5	440.758	457.192	500.172	538.517	551.580
60.0	430.645	447.079	491.323	530.090	543.153
60.5	420.743	437.387	482.475	522.084	534.725
61.0	410.799	427.696	473.626	514.078	526.719
61.5	400.938	418.088	464.777	506.072	519.134
62.0	391.247	408.565	456.349	498.487	511.128
62.5	381.682	399.127	447.500	490.902	503.543
63.0	371.990	389.730	439.073	482.896	496.801
63.5	362.383	380.460	431.067	475.311	489.217
64.0	353.028	371.316	422.639	467.305	481.632
64.5	343.716	362.383	414.633	459.720	474.047
65.0	334.488	353.407	406.585	452.136	466.884
65.5	325.386	344.643	398.621	444.551	459.299
66.0	316.158	335.878	390.741	436.966	452.136
66.5	307.140	327.324	382.904	429.803	444.972
67.0	298.334	318.855	375.108	422.218	437.809
67.5	289.485	310.511	367.481	415.139	430.645
68.0	280.762	302.379	359.897	407.975	423.903
68.5	272.166	294.288	352.480	401.023	416.866
69.0	263.612	286.282	345.148	394.028	410.209
69.5	255.185	278.445	337.901	387.244	403.593
70.0	246.799	270.734	330.780	380.586	397.020
70.5	238.625	263.107	323.658	373.928	390.531
71.0	230.534	255.564	316.663	367.355	384.126
71.5	222.528	248.190	309.837	360.950	377.805
72.0	214.691	240.774	303.011	354.587	371.653
72.5	206.811	233.610	296.353	348.351	365.543
73.0	199.142	226.489	289.738	342.199	359.391
73.5	191.684	219.452	283.333	336.089	353.407
74.0	184.310	212.626	276.843	330.190	347.382
74.5	177.062	205.758	270.649	324.332	341.693
75.0	169.856	199.058	264.497	318.602	336.173
75.5	162.777	192.526	258.429	312.913	330.569
76.0	155.909	186.121	252.530	307.267	325.091
76.5	149.083	179.801	246.673	301.747	319.613
77.0	142.341	173.522	240.900	296.269	314.304
77.5	135.725	167.412	235.212	290.960	309.037
78.0	129.194	161.429	229.692	285.735	303.854
78.5	122.789	155.530	224.214	280.467	298.713
79.0	116.510	149.799	218.904	275.369	293.656
79.5	110.274	144.110	213.679	270.396	288.600
80.0	104.122	138.506	208.454	265.466	283.796
80.5	98.138	133.070	203.398	260.494	278.908
81.0	92.323	127.719	198.552	255.690	274.147
81.5	86.424	122.494	193.706	250.929	269.385
82.0	80.735	117.395	188.987	246.336	264.792
82.5	75.173	112.381	184.352	241.743	260.283

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**CANDELA TABULATION - (Cont.)**

83.0	69.695	107.493	179.801	237.319	255.901
83.5	64.260	102.731	175.461	232.810	251.350
84.0	58.950	98.096	171.247	228.554	247.010
84.5	53.683	93.630	167.117	224.340	242.754
85.0	48.627	89.289	163.072	220.169	238.498
85.5	43.570	85.160	159.111	216.123	234.369
86.0	38.598	81.199	155.235	212.162	230.282
86.5	33.668	77.491	151.569	208.201	226.194
87.0	28.822	73.909	147.861	204.451	222.191
87.5	23.976	70.580	144.363	200.659	218.357
88.0	19.173	67.336	140.908	196.993	214.480
88.5	14.327	64.302	137.579	193.369	210.730
89.0	9.902	61.437	134.419	189.872	207.022
89.5	6.278	58.782	131.343	186.501	203.398
90.0	3.750	56.422	128.519	183.298	200.069
90.5	2.655	54.357	125.907	180.096	196.529
91.0	2.823	52.461	123.252	176.851	193.158
91.5	3.371	50.649	120.598	173.775	189.787
92.0	4.003	49.132	118.069	170.657	186.501
92.5	4.677	47.826	115.920	167.665	183.256
93.0	5.351	46.688	113.687	164.842	180.138
93.5	6.068	45.803	111.580	162.061	177.188
94.0	6.826	45.045	109.600	159.448	174.323
94.5	7.543	44.497	107.746	156.794	171.373
95.0	8.259	44.076	106.018	154.181	168.550
95.5	8.933	43.781	104.417	151.695	165.769
96.0	9.481	43.654	103.026	149.293	163.030
96.5	10.029	43.654	101.636	147.060	160.502
97.0	10.534	43.697	100.372	144.911	157.974
97.5	11.082	43.865	99.192	142.846	155.656
98.0	11.546	44.034	98.138	140.824	153.296
98.5	12.093	44.244	97.253	138.885	151.105
99.0	12.641	44.497	96.326	137.073	148.956
99.5	13.231	44.792	95.526	135.346	146.849
100.0	13.737	45.087	94.894	133.744	144.953
100.5	14.327	45.424	94.262	132.185	143.015
101.0	14.832	45.761	93.798	130.711	141.287
101.5	15.338	46.098	93.335	129.320	139.517
102.0	15.802	46.436	92.998	128.014	137.958
102.5	16.265	46.773	92.660	126.792	136.399
103.0	16.729	47.152	92.408	125.570	135.009
103.5	17.234	47.531	92.197	124.516	133.576
104.0	17.782	47.868	91.986	123.547	132.270
104.5	18.330	48.247	91.860	122.620	131.048
105.0	18.835	48.627	91.733	121.777	129.868
105.5	19.299	48.964	91.607	120.893	128.857
106.0	19.847	49.385	91.565	120.134	127.845
106.5	20.352	49.764	91.565	119.418	126.834
107.0	20.858	50.186	91.565	118.744	125.991
107.5	21.322	50.523	91.565	118.238	125.106
108.0	21.912	50.944	91.565	117.648	124.221
108.5	22.459	51.366	91.607	117.227	123.631
109.0	23.007	51.703	91.691	116.679	123.042
109.5	23.597	52.082	91.733	116.300	122.409
110.0	24.187	52.461	91.818	115.878	121.904
110.5	24.777	52.840	91.902	115.499	121.440

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**CANDELA TABULATION - (Cont.)**

111.0	25.367	53.220	91.944	115.162	120.935
111.5	25.957	53.557	91.986	114.909	120.513
112.0	26.589	53.936	92.070	114.656	120.008
112.5	27.221	54.315	92.155	114.361	119.544
113.0	27.895	54.694	92.281	114.151	119.333
113.5	28.527	55.032	92.281	113.940	119.038
114.0	29.201	55.369	92.365	113.771	118.744
114.5	29.833	55.748	92.450	113.561	118.491
115.0	30.508	56.043	92.534	113.434	118.280
115.5	31.182	56.422	92.534	113.308	118.069
116.0	31.814	56.759	92.660	113.139	117.817
116.5	32.404	57.096	92.745	112.971	117.732
117.0	33.078	57.476	92.829	112.971	117.522
117.5	33.710	57.771	92.913	112.802	117.395
118.0	34.258	58.066	92.998	112.718	117.227
118.5	34.890	58.360	93.040	112.591	117.184
119.0	35.438	58.655	93.124	112.465	116.932
119.5	36.028	58.866	93.208	112.339	116.889
120.0	36.575	59.077	93.166	112.254	116.679
120.5	37.123	59.330	93.208	112.086	116.637
121.0	37.671	59.498	93.292	111.959	116.468
121.5	38.261	59.709	93.250	111.791	116.384
122.0	38.809	59.962	93.250	111.707	116.257
122.5	39.356	60.215	93.292	111.538	115.962
123.0	39.904	60.467	93.250	111.369	115.920
123.5	40.410	60.678	93.166	111.243	115.667
124.0	40.831	60.847	93.166	111.117	115.625
124.5	41.253	61.015	93.166	110.906	115.457
125.0	41.674	61.226	93.082	110.695	115.288
125.5	42.095	61.352	92.998	110.569	115.078
126.0	42.475	61.521	92.955	110.316	114.909
126.5	42.812	61.731	92.871	110.147	114.783
127.0	43.191	61.816	92.787	109.937	114.614
127.5	43.486	61.942	92.660	109.726	114.319
128.0	43.865	61.942	92.618	109.473	114.151
128.5	44.160	62.026	92.450	109.263	113.982
129.0	44.455	62.111	92.281	109.052	113.771
129.5	44.708	62.237	91.986	108.715	113.518
130.0	44.919	62.321	91.691	108.504	113.266
130.5	45.129	62.406	91.354	108.251	112.971
131.0	45.256	62.532	91.017	107.872	112.676
131.5	45.424	62.658	90.680	107.535	112.381
132.0	45.593	62.785	90.301	107.324	112.128
132.5	45.677	62.827	89.879	106.903	111.749
133.0	45.803	62.869	89.711	106.524	111.285
133.5	45.846	62.827	89.458	106.229	111.074
134.0	45.888	62.743	89.289	105.892	110.780
134.5	46.014	62.574	89.079	105.512	110.232
135.0	46.141	62.448	88.826	105.007	109.810
135.5	46.098	62.111	88.615	104.670	109.473
136.0	46.183	62.069	88.320	104.248	109.052
136.5	46.267	61.942	88.110	103.785	108.631
137.0	46.309	61.731	87.772	103.405	108.167
137.5	46.351	61.521	87.477	102.900	107.746
138.0	46.436	61.394	87.056	102.478	107.240
138.5	46.436	61.226	86.508	102.015	106.861

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

139.0	46.393	61.099	85.876	101.467	106.271
139.5	46.393	60.931	85.118	100.877	105.849
140.0	46.393	60.720	84.275	100.329	105.260
140.5	46.393	60.594	83.517	99.655	104.627
141.0	46.393	60.509	82.674	98.939	104.122
141.5	46.393	60.341	81.831	98.307	103.616
142.0	46.351	60.257	81.030	97.506	103.068
142.5	46.309	60.130	80.188	96.790	102.436
143.0	46.267	60.004	79.387	96.116	101.804
143.5	46.267	59.835	78.460	95.399	101.214
144.0	46.267	59.625	77.659	94.852	100.540
144.5	46.393	59.456	76.859	94.219	99.950
145.0	46.562	59.287	75.974	93.672	99.276
145.5	46.857	59.077	75.173	93.124	98.602
146.0	47.236	58.908	74.415	92.534	97.970
146.5	47.615	58.740	73.783	91.902	97.253
147.0	47.995	58.529	73.066	91.270	96.537
147.5	48.332	58.445	72.519	90.638	95.821
148.0	48.711	58.276	71.929	89.921	95.062
148.5	49.048	58.234	71.465	89.247	94.304
149.0	49.469	58.234	70.960	88.573	93.630
149.5	49.764	58.360	70.496	87.857	92.787
150.0	50.102	58.445	70.033	87.183	91.902
150.5	50.396	58.487	69.527	86.424	90.975
151.0	50.607	58.613	68.853	85.666	89.879
151.5	50.818	58.655	68.136	84.865	88.868
152.0	51.071	58.740	67.462	84.022	87.857
152.5	51.323	58.824	66.830	83.137	86.761
153.0	51.492	58.866	66.156	82.126	85.876
153.5	51.703	58.993	65.440	81.073	84.865
154.0	51.871	58.950	64.808	79.893	84.022
154.5	52.082	58.993	64.260	78.755	83.179
155.0	52.166	59.077	63.712	77.449	82.547
155.5	52.335	59.119	63.164	76.227	81.873
156.0	52.461	59.119	62.785	74.921	81.283
156.5	52.672	59.119	62.406	73.614	80.525
157.0	52.756	59.203	62.026	72.434	79.808
157.5	52.883	59.203	61.774	71.297	79.008
158.0	53.051	59.161	61.647	70.117	78.249
158.5	53.093	59.161	61.479	69.148	77.364
159.0	53.304	59.035	61.352	68.221	76.606
159.5	53.473	58.950	61.142	67.336	75.763
160.0	53.683	58.866	60.931	66.619	74.921
160.5	53.936	58.824	60.762	65.945	74.120
161.0	54.105	58.698	60.720	65.229	73.319
161.5	54.357	58.655	60.636	64.513	72.729
162.0	54.568	58.571	60.762	63.923	72.224
162.5	54.779	58.571	60.847	63.291	71.634
163.0	55.032	58.529	60.889	62.616	71.128
163.5	55.242	58.529	60.973	61.900	70.496
164.0	55.327	58.529	61.057	61.015	69.906
164.5	55.453	58.445	60.973	60.341	69.148
165.0	55.579	58.445	60.847	59.667	68.389
165.5	55.706	58.403	60.720	59.203	67.589
166.0	55.832	58.360	60.636	58.698	66.367
166.5	55.959	58.360	60.509	58.276	65.777

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

167.0	56.127	58.360	60.383	57.897	65.313
167.5	56.211	58.360	60.130	57.560	64.850
168.0	56.338	58.360	59.920	57.223	64.470
168.5	56.591	58.192	59.625	56.928	64.007
169.0	56.717	58.234	59.414	56.633	63.543
169.5	56.928	58.108	59.077	56.296	63.038
170.0	57.012	58.066	58.782	55.874	62.574
170.5	57.138	57.981	58.403	55.411	62.069
171.0	57.223	57.897	57.981	54.905	61.437
171.5	57.349	57.897	57.602	54.442	60.931
172.0	57.560	57.813	57.391	53.978	60.172
172.5	57.686	57.813	57.138	53.473	59.330
173.0	57.855	57.728	56.928	53.009	57.897
173.5	58.066	57.771	56.844	52.545	55.748
174.0	58.234	57.771	56.801	52.166	53.093
174.5	58.360	57.771	56.717	51.787	49.933
175.0	58.613	57.897	56.675	51.492	46.351
175.5	58.698	57.939	56.633	51.366	42.601
176.0	58.866	58.023	56.633	51.239	40.157
176.5	58.908	58.066	56.591	51.239	38.429
177.0	59.077	58.150	56.506	51.113	36.660
177.5	59.119	58.150	56.380	51.071	36.280
178.0	59.287	58.234	56.338	51.029	36.365
178.5	59.372	58.276	56.380	50.944	36.449
179.0	59.456	58.276	56.338	50.818	36.491
179.5	59.540	58.276	56.296	50.776	36.533
180.0	53.388	53.388	53.388	53.388	53.388



**IES INDOOR REPORT**  
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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	482.42	N.A.	11.70
0-30	1010.84	N.A.	24.50
0-40	1623.77	N.A.	39.40
0-60	2748.02	N.A.	66.70
0-80	3423.54	N.A.	83.10
0-90	3593.43	N.A.	87.30
10-90	3467.66	N.A.	84.20
20-40	1141.35	N.A.	27.70
20-50	1744.93	N.A.	42.40
40-70	1524.72	N.A.	37.00
60-80	675.52	N.A.	16.40
70-80	275.05	N.A.	6.70
80-90	169.89	N.A.	4.10
90-110	198.44	N.A.	4.80
90-120	281.97	N.A.	6.80
90-130	358.86	N.A.	8.70
90-150	471.12	N.A.	11.40
90-180	524.78	N.A.	12.70
110-180	326.35	N.A.	7.90
0-180	4118.21	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	125.77
10-20	356.65
20-30	528.41
30-40	612.93
40-50	603.59
50-60	520.66
60-70	400.47
70-80	275.05
80-90	169.89
90-100	108.85
100-110	89.58
110-120	83.54
120-130	76.88
130-140	64.61
140-150	47.65
150-160	31.15
160-170	17.16
170-180	5.35

**IES INDOOR REPORT**  
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**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-L40-850-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

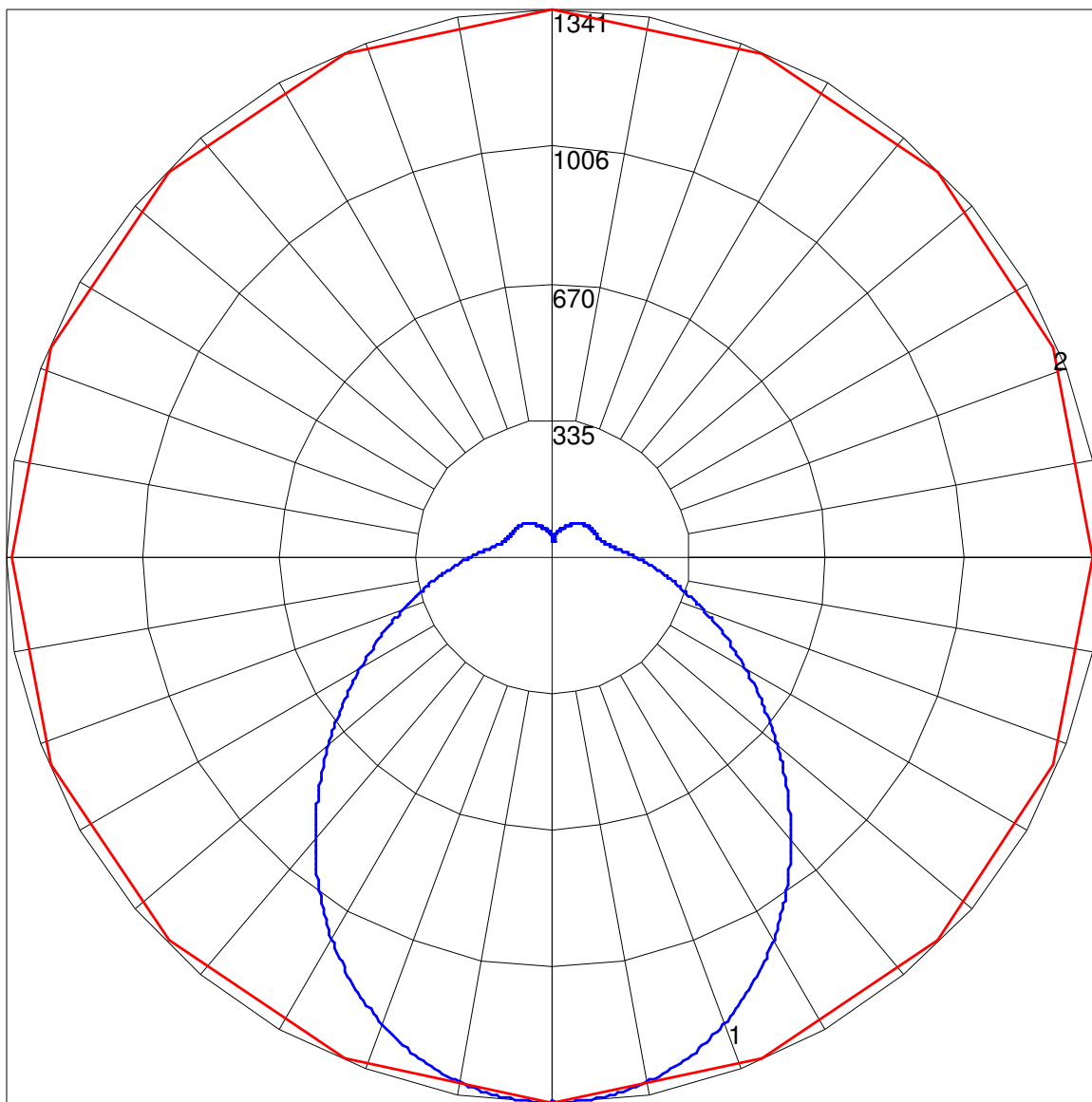
Reflectances

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	17.7	19.0	18.2	19.6	20.2	19.3	20.7	19.9	21.2	21.9
	3H	19.0	20.3	19.6	20.8	21.5	21.5	22.7	22.1	23.3	24.0
	4H	19.5	20.6	20.1	21.2	21.9	22.6	23.7	23.1	24.3	25.0
	6H	19.8	20.9	20.4	21.5	22.1	23.7	24.8	24.3	25.4	26.0
	8H	19.8	20.9	20.5	21.5	22.2	24.2	25.3	24.9	25.9	26.6
	12H	19.9	20.9	20.5	21.5	22.2	24.9	25.9	25.5	26.5	27.2
4H	2H	18.4	19.6	19.0	20.2	20.8	19.7	20.9	20.3	21.5	22.1
	3H	20.0	21.0	20.6	21.6	22.3	22.1	23.1	22.7	23.8	24.5
	4H	20.6	21.5	21.2	22.1	22.8	23.4	24.3	24.0	24.9	25.6
	6H	21.0	21.8	21.6	22.4	23.2	24.7	25.5	25.3	26.1	26.9
	8H	21.1	21.8	21.8	22.5	23.2	25.4	26.1	26.0	26.8	27.5
	12H	21.2	21.8	21.8	22.5	23.3	26.1	26.8	26.8	27.5	28.3
8H	4H	21.1	21.9	21.8	22.5	23.3	23.6	24.3	24.2	25.0	25.7
	6H	21.7	22.3	22.4	23.0	23.8	25.1	25.7	25.7	26.4	27.1
	8H	21.9	22.5	22.6	23.2	24.0	25.9	26.5	26.6	27.2	27.9
	12H	22.1	22.6	22.8	23.3	24.1	26.9	27.4	27.6	28.1	28.9
12H	4H	21.3	22.0	22.0	22.6	23.4	23.6	24.3	24.3	24.9	25.7
	6H	22.0	22.5	22.7	23.2	24.0	25.1	25.7	25.8	26.3	27.2
	8H	22.3	22.8	23.0	23.5	24.3	26.0	26.5	26.7	27.2	28.0

Maximum UGR = 28.9

POLAR GRAPH



Maximum Candela = 1340.816 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.)