

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L60-930-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-8-L60-930-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	4527
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	128
Total Luminaire Watts	35.3
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)	7.44 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	5007	4465	4392
55	4356	3831	3856
65	3689	3292	3436
75	3007	2891	3212
85	2362	2876	3393

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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	1464.955	1464.955	1464.955	1464.955	1464.955
0.5	1458.008	1463.565	1464.492	1464.029	1473.755
1.0	1458.008	1464.029	1464.029	1463.565	1473.292
1.5	1456.618	1464.029	1463.565	1463.102	1473.755
2.0	1456.155	1462.639	1463.565	1462.639	1472.365
2.5	1456.155	1462.639	1462.176	1462.176	1471.439
3.0	1454.765	1461.250	1461.250	1461.250	1470.513
3.5	1453.839	1459.860	1459.860	1460.323	1469.586
4.0	1452.913	1458.934	1458.934	1458.471	1468.660
4.5	1450.597	1457.544	1458.008	1457.544	1467.271
5.0	1449.208	1456.155	1456.155	1456.155	1465.881
5.5	1447.355	1454.302	1454.302	1454.765	1464.029
6.0	1446.429	1451.987	1452.450	1452.450	1462.176
6.5	1443.187	1450.134	1450.597	1450.597	1459.860
7.0	1441.334	1447.818	1448.281	1447.818	1458.008
7.5	1439.481	1445.039	1445.966	1445.966	1455.692
8.0	1437.166	1443.187	1443.187	1443.187	1452.450
8.5	1434.850	1439.945	1440.871	1440.871	1449.671
9.0	1431.145	1437.629	1438.092	1437.629	1446.429
9.5	1428.829	1434.387	1434.387	1434.387	1444.576
10.0	1425.124	1430.681	1430.681	1431.608	1440.871
10.5	1421.882	1427.439	1427.903	1427.903	1437.629
11.0	1418.639	1424.197	1424.660	1424.197	1433.924
11.5	1414.471	1420.492	1421.418	1420.492	1430.681
12.0	1410.766	1416.324	1417.250	1417.250	1426.513
12.5	1407.061	1412.155	1413.545	1412.618	1422.808
13.0	1402.892	1408.450	1409.376	1408.913	1418.639
13.5	1398.724	1403.819	1404.745	1404.745	1414.934
14.0	1393.629	1399.187	1400.113	1400.113	1409.840
14.5	1389.461	1394.555	1395.482	1395.482	1406.134
15.0	1385.292	1389.924	1390.387	1390.387	1400.576
15.5	1380.198	1384.366	1385.756	1385.756	1395.019
16.0	1374.640	1379.271	1380.661	1380.661	1390.387
16.5	1370.008	1373.714	1375.103	1375.566	1385.292
17.0	1363.524	1367.693	1369.545	1370.008	1379.735
17.5	1357.966	1362.135	1363.987	1364.451	1374.177
18.0	1352.872	1356.577	1357.966	1359.356	1369.082
18.5	1346.851	1351.019	1352.409	1353.335	1363.061
19.0	1340.830	1344.072	1346.388	1347.314	1356.577
19.5	1333.882	1338.514	1340.367	1342.219	1350.556
20.0	1326.472	1331.567	1333.882	1335.272	1344.072
20.5	1319.061	1325.546	1327.398	1329.251	1338.051
21.0	1313.040	1318.135	1319.525	1323.230	1331.567
21.5	1306.093	1311.188	1313.504	1315.356	1324.619
22.0	1298.683	1304.704	1307.019	1308.872	1318.598
22.5	1292.199	1296.367	1299.609	1302.388	1311.651
23.0	1284.325	1288.956	1292.199	1294.977	1304.241
23.5	1275.988	1281.083	1285.251	1288.030	1297.293
24.0	1267.651	1273.209	1277.378	1280.620	1289.883
24.5	1260.704	1265.336	1269.967	1272.746	1281.546
25.0	1252.830	1257.462	1262.557	1265.336	1274.136
25.5	1244.031	1249.588	1253.757	1257.925	1265.336
26.0	1235.694	1240.788	1246.346	1250.052	1258.388
26.5	1226.894	1231.989	1238.473	1241.715	1250.515

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27.0	1218.094	1222.726	1230.599	1234.767	1242.641
27.5	1207.905	1213.926	1221.799	1225.504	1234.767
28.0	1200.494	1205.126	1212.999	1217.168	1225.968
28.5	1190.768	1196.326	1204.199	1208.368	1217.168
29.0	1181.505	1187.063	1194.936	1200.031	1208.831
29.5	1171.779	1177.336	1185.673	1190.768	1199.568
30.0	1162.052	1168.073	1176.410	1182.894	1191.694
30.5	1151.863	1157.884	1167.610	1174.094	1182.431
31.0	1142.137	1148.158	1157.884	1164.831	1172.705
31.5	1131.947	1138.895	1148.621	1156.031	1164.368
32.0	1122.221	1128.242	1139.358	1146.305	1154.642
32.5	1111.569	1118.053	1129.632	1137.042	1145.379
33.0	1101.379	1108.327	1118.979	1127.779	1136.116
33.5	1091.653	1098.137	1109.716	1117.590	1126.390
34.0	1080.074	1087.485	1099.527	1108.327	1117.590
34.5	1069.422	1077.295	1089.800	1098.137	1107.400
35.0	1059.695	1066.180	1080.074	1088.874	1097.674
35.5	1047.190	1055.990	1069.422	1078.685	1087.485
36.0	1037.464	1044.875	1059.232	1068.495	1077.758
36.5	1025.422	1033.759	1048.580	1058.769	1068.495
37.0	1014.306	1023.106	1037.927	1048.117	1058.769
37.5	1002.728	1011.527	1027.738	1038.854	1048.117
38.0	991.149	1000.412	1016.622	1028.201	1037.001
38.5	979.107	988.833	1005.970	1018.475	1026.812
39.0	968.454	977.254	994.854	1007.822	1018.475
39.5	956.412	966.602	984.201	997.170	1007.359
40.0	943.444	954.560	973.086	987.443	996.707
40.5	931.402	942.981	962.433	977.254	986.517
41.0	920.286	931.402	951.317	966.602	975.865
41.5	908.244	919.823	940.202	955.949	965.675
42.0	896.202	908.244	929.086	945.760	955.486
42.5	884.623	896.202	917.507	935.107	944.833
43.0	871.655	884.623	906.855	924.918	934.644
43.5	860.539	872.581	895.276	914.265	924.455
44.0	848.034	860.539	883.697	904.076	913.802
44.5	836.455	848.961	872.118	892.960	903.150
45.0	824.413	836.919	861.003	883.234	893.423
45.5	812.371	825.340	849.887	873.045	883.234
46.0	800.329	813.298	837.845	861.929	872.581
46.5	788.287	801.256	827.655	852.666	862.392
47.0	775.782	789.677	816.077	841.550	852.203
47.5	763.740	777.635	804.498	830.898	841.550
48.0	752.161	765.593	792.919	821.171	830.898
48.5	739.193	754.014	782.266	810.056	820.708
49.0	727.614	741.509	770.224	799.403	810.056
49.5	715.572	729.930	759.109	789.214	799.866
50.0	703.067	717.888	747.993	778.098	789.214
50.5	691.488	706.309	736.414	768.835	779.488
51.0	679.446	694.267	726.225	758.182	769.298
51.5	667.867	682.225	714.646	747.993	759.109
52.0	655.362	670.646	703.530	737.341	748.919
52.5	643.320	658.604	692.878	726.688	739.193
53.0	630.815	647.026	681.762	717.425	728.541
53.5	618.773	635.447	671.110	706.772	718.814
54.0	607.194	623.868	660.457	696.583	709.088
54.5	596.079	611.826	649.805	687.320	699.362

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55.0	584.500	600.710	639.152	676.667	690.562
55.5	574.774	589.131	628.499	666.941	679.909
56.0	563.658	578.942	618.310	657.215	670.183
56.5	552.079	568.289	607.658	647.489	660.920
57.0	540.963	557.637	597.468	637.763	651.194
57.5	529.385	546.521	588.668	628.499	640.541
58.0	517.806	535.406	578.479	618.310	632.668
58.5	506.690	524.290	568.289	609.510	623.405
59.0	495.574	513.174	558.563	601.637	613.679
59.5	484.459	502.522	549.763	591.910	606.268
60.0	473.343	491.406	540.037	582.647	597.005
60.5	462.459	480.753	530.311	573.847	587.742
61.0	451.528	470.101	520.585	565.047	578.942
61.5	440.691	459.541	510.858	556.247	570.605
62.0	430.038	449.074	501.595	547.911	561.805
62.5	419.525	438.699	491.869	539.574	553.469
63.0	408.872	428.371	482.606	530.774	546.058
63.5	398.312	418.181	473.806	522.437	537.721
64.0	388.030	408.131	464.543	513.637	529.385
64.5	377.794	398.312	455.743	505.301	521.048
65.0	367.651	388.447	446.897	496.964	513.174
65.5	357.647	378.813	438.143	488.627	504.837
66.0	347.504	369.180	429.482	480.290	496.964
66.5	337.593	359.778	420.868	472.417	489.090
67.0	327.913	350.468	412.299	464.080	481.217
67.5	318.187	341.298	403.916	456.299	473.343
68.0	308.599	332.359	395.579	448.425	465.933
68.5	299.151	323.466	387.428	440.783	458.198
69.0	289.749	314.667	379.369	433.095	450.880
69.5	280.486	306.052	371.403	425.638	443.609
70.0	271.269	297.576	363.576	418.320	436.383
70.5	262.284	289.193	355.748	411.003	429.251
71.0	253.391	280.903	348.060	403.777	422.211
71.5	244.591	272.797	340.557	396.737	415.264
72.0	235.977	264.646	333.054	389.744	408.501
72.5	227.316	256.772	325.736	382.889	401.786
73.0	218.886	248.945	318.464	376.127	395.024
73.5	210.689	241.210	311.424	369.411	388.447
74.0	202.583	233.707	304.292	362.927	381.824
74.5	194.617	226.158	297.484	356.489	375.571
75.0	186.697	218.794	290.722	350.190	369.504
75.5	178.916	211.615	284.052	343.938	363.344
76.0	171.367	204.575	277.568	337.732	357.323
76.5	163.864	197.628	271.130	331.664	351.302
77.0	156.453	190.727	264.785	325.643	345.466
77.5	149.182	184.011	258.532	319.808	339.677
78.0	142.003	177.434	252.465	314.064	333.980
78.5	134.963	170.950	246.444	308.275	328.330
79.0	128.062	164.651	240.608	302.671	322.772
79.5	121.207	158.399	234.865	297.206	317.214
80.0	114.445	152.239	229.122	291.787	311.934
80.5	107.868	146.264	223.564	286.322	306.561
81.0	101.477	140.382	218.238	281.042	301.328
81.5	94.993	134.639	212.912	275.808	296.094
82.0	88.740	129.035	207.724	270.760	291.046
82.5	82.627	123.523	202.630	265.711	286.090

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83.0	76.606	118.150	197.628	260.848	281.273
83.5	70.631	112.917	192.857	255.892	276.271
84.0	64.795	107.822	188.226	251.215	271.501
84.5	59.006	102.913	183.687	246.583	266.823
85.0	53.448	98.142	179.240	241.998	262.145
85.5	47.890	93.603	174.887	237.551	257.606
86.0	42.425	89.250	170.626	233.198	253.113
86.5	37.006	85.174	166.596	228.844	248.621
87.0	31.680	81.237	162.521	224.722	244.221
87.5	26.353	77.578	158.676	220.554	240.006
88.0	21.073	74.012	154.879	216.524	235.745
88.5	15.747	70.677	151.220	212.541	231.623
89.0	10.884	67.528	147.746	208.697	227.547
89.5	6.901	64.610	144.365	204.992	223.564
90.0	4.122	62.016	141.262	201.472	219.905
90.5	2.918	59.747	138.390	197.952	216.015
91.0	3.103	57.663	135.472	194.386	212.310
91.5	3.705	55.671	132.555	191.005	208.604
92.0	4.400	54.004	129.776	187.577	204.992
92.5	5.141	52.568	127.414	184.289	201.426
93.0	5.882	51.317	124.959	181.186	197.998
93.5	6.669	50.345	122.643	178.129	194.756
94.0	7.503	49.511	120.466	175.257	191.607
94.5	8.290	48.909	118.428	172.339	188.365
95.0	9.078	48.446	116.529	169.468	185.261
95.5	9.819	48.122	114.769	166.735	182.205
96.0	10.421	47.983	113.241	164.095	179.194
96.5	11.023	47.983	111.713	161.641	176.415
97.0	11.579	48.029	110.323	159.279	173.636
97.5	12.181	48.214	109.026	157.009	171.089
98.0	12.690	48.400	107.868	154.786	168.495
98.5	13.293	48.631	106.896	152.655	166.087
99.0	13.895	48.909	105.877	150.664	163.725
99.5	14.543	49.233	104.997	148.765	161.409
100.0	15.099	49.557	104.302	147.005	159.325
100.5	15.747	49.928	103.607	145.291	157.194
101.0	16.303	50.298	103.098	143.670	155.295
101.5	16.859	50.669	102.589	142.142	153.350
102.0	17.368	51.040	102.218	140.706	151.636
102.5	17.878	51.410	101.847	139.363	149.923
103.0	18.387	51.827	101.570	138.020	148.394
103.5	18.943	52.244	101.338	136.862	146.820
104.0	19.545	52.614	101.106	135.797	145.384
104.5	20.147	53.031	100.967	134.778	144.041
105.0	20.703	53.448	100.829	133.851	142.744
105.5	21.212	53.818	100.690	132.879	141.632
106.0	21.815	54.282	100.643	132.045	140.521
106.5	22.370	54.698	100.643	131.258	139.409
107.0	22.926	55.162	100.643	130.517	138.483
107.5	23.436	55.532	100.643	129.961	137.510
108.0	24.084	55.995	100.643	129.312	136.538
108.5	24.686	56.458	100.690	128.849	135.889
109.0	25.288	56.829	100.782	128.247	135.241
109.5	25.937	57.246	100.829	127.830	134.546
110.0	26.585	57.663	100.921	127.367	133.990
110.5	27.233	58.079	101.014	126.950	133.481

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111.0	27.882	58.496	101.060	126.580	132.925
111.5	28.530	58.867	101.106	126.302	132.462
112.0	29.225	59.284	101.199	126.024	131.906
112.5	29.920	59.700	101.292	125.700	131.397
113.0	30.661	60.117	101.431	125.468	131.165
113.5	31.355	60.488	101.431	125.237	130.841
114.0	32.097	60.858	101.523	125.051	130.517
114.5	32.791	61.275	101.616	124.820	130.239
115.0	33.532	61.599	101.709	124.681	130.007
115.5	34.273	62.016	101.709	124.542	129.776
116.0	34.968	62.387	101.847	124.357	129.498
116.5	35.617	62.757	101.940	124.171	129.405
117.0	36.358	63.174	102.033	124.171	129.174
117.5	37.052	63.498	102.125	123.986	129.035
118.0	37.654	63.823	102.218	123.894	128.849
118.5	38.349	64.147	102.264	123.755	128.803
119.0	38.951	64.471	102.357	123.616	128.525
119.5	39.600	64.703	102.450	123.477	128.479
120.0	40.202	64.934	102.403	123.384	128.247
120.5	40.804	65.212	102.450	123.199	128.201
121.0	41.406	65.397	102.542	123.060	128.016
121.5	42.054	65.629	102.496	122.875	127.923
122.0	42.656	65.907	102.496	122.782	127.784
122.5	43.259	66.185	102.542	122.597	127.460
123.0	43.861	66.463	102.496	122.411	127.414
123.5	44.416	66.694	102.403	122.273	127.136
124.0	44.880	66.879	102.403	122.134	127.089
124.5	45.343	67.065	102.403	121.902	126.904
125.0	45.806	67.296	102.311	121.670	126.719
125.5	46.269	67.435	102.218	121.532	126.487
126.0	46.686	67.620	102.172	121.254	126.302
126.5	47.056	67.852	102.079	121.068	126.163
127.0	47.473	67.945	101.986	120.837	125.978
127.5	47.797	68.084	101.847	120.605	125.654
128.0	48.214	68.084	101.801	120.327	125.468
128.5	48.538	68.176	101.616	120.096	125.283
129.0	48.863	68.269	101.431	119.864	125.051
129.5	49.141	68.408	101.106	119.494	124.774
130.0	49.372	68.500	100.782	119.262	124.496
130.5	49.604	68.593	100.412	118.984	124.171
131.0	49.743	68.732	100.041	118.567	123.847
131.5	49.928	68.871	99.671	118.197	123.523
132.0	50.113	69.010	99.254	117.965	123.245
132.5	50.206	69.056	98.791	117.502	122.828
133.0	50.345	69.103	98.605	117.085	122.319
133.5	50.391	69.056	98.328	116.761	122.087
134.0	50.437	68.964	98.142	116.390	121.763
134.5	50.576	68.778	97.911	115.974	121.161
135.0	50.715	68.639	97.633	115.418	120.698
135.5	50.669	68.269	97.401	115.047	120.327
136.0	50.762	68.223	97.077	114.584	119.864
136.5	50.854	68.084	96.845	114.075	119.401
137.0	50.901	67.852	96.475	113.658	118.892
137.5	50.947	67.620	96.151	113.102	118.428
138.0	51.040	67.481	95.688	112.639	117.873
138.5	51.040	67.296	95.085	112.129	117.456

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	50.993	67.157	94.391	111.527	116.807
139.5	50.993	66.972	93.557	110.879	116.344
140.0	50.993	66.740	92.631	110.277	115.696
140.5	50.993	66.601	91.797	109.536	115.001
141.0	50.993	66.509	90.871	108.748	114.445
141.5	50.993	66.324	89.944	108.054	113.889
142.0	50.947	66.231	89.064	107.174	113.287
142.5	50.901	66.092	88.138	106.386	112.593
143.0	50.854	65.953	87.258	105.645	111.898
143.5	50.854	65.768	86.239	104.858	111.249
144.0	50.854	65.536	85.359	104.256	110.508
144.5	50.993	65.351	84.479	103.561	109.860
145.0	51.178	65.166	83.507	102.959	109.119
145.5	51.503	64.934	82.627	102.357	108.378
146.0	51.920	64.749	81.793	101.709	107.683
146.5	52.336	64.564	81.098	101.014	106.896
147.0	52.753	64.332	80.311	100.319	106.108
147.5	53.124	64.239	79.709	99.624	105.321
148.0	53.541	64.054	79.060	98.837	104.487
148.5	53.911	64.008	78.551	98.096	103.654
149.0	54.374	64.008	77.995	97.355	102.913
149.5	54.698	64.147	77.486	96.568	101.986
150.0	55.069	64.239	76.976	95.826	101.014
150.5	55.393	64.286	76.420	94.993	99.995
151.0	55.625	64.425	75.679	94.159	98.791
151.5	55.856	64.471	74.892	93.279	97.679
152.0	56.134	64.564	74.151	92.353	96.568
152.5	56.412	64.656	73.456	91.380	95.363
153.0	56.597	64.703	72.715	90.269	94.391
153.5	56.829	64.842	71.928	89.111	93.279
154.0	57.014	64.795	71.233	87.814	92.353
154.5	57.246	64.842	70.631	86.563	91.427
155.0	57.338	64.934	70.029	85.128	90.732
155.5	57.524	64.980	69.427	83.784	89.991
156.0	57.663	64.980	69.010	82.349	89.342
156.5	57.894	64.980	68.593	80.913	88.509
157.0	57.987	65.073	68.176	79.616	87.721
157.5	58.126	65.073	67.898	78.366	86.841
158.0	58.311	65.027	67.759	77.069	86.008
158.5	58.357	65.027	67.574	76.004	85.035
159.0	58.589	64.888	67.435	74.985	84.201
159.5	58.774	64.795	67.204	74.012	83.275
160.0	59.006	64.703	66.972	73.225	82.349
160.5	59.284	64.656	66.787	72.484	81.469
161.0	59.469	64.517	66.740	71.696	80.589
161.5	59.747	64.471	66.648	70.909	79.940
162.0	59.978	64.378	66.787	70.260	79.385
162.5	60.210	64.378	66.879	69.566	78.736
163.0	60.488	64.332	66.926	68.825	78.180
163.5	60.719	64.332	67.018	68.037	77.486
164.0	60.812	64.332	67.111	67.065	76.837
164.5	60.951	64.239	67.018	66.324	76.004
165.0	61.090	64.239	66.879	65.583	75.170
165.5	61.229	64.193	66.740	65.073	74.290
166.0	61.368	64.147	66.648	64.517	72.947
166.5	61.507	64.147	66.509	64.054	72.298

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	61.692	64.147	66.370	63.637	71.789
167.5	61.785	64.147	66.092	63.267	71.279
168.0	61.924	64.147	65.860	62.896	70.863
168.5	62.202	63.962	65.536	62.572	70.353
169.0	62.340	64.008	65.305	62.248	69.844
169.5	62.572	63.869	64.934	61.877	69.288
170.0	62.665	63.823	64.610	61.414	68.778
170.5	62.804	63.730	64.193	60.905	68.223
171.0	62.896	63.637	63.730	60.349	67.528
171.5	63.035	63.637	63.313	59.839	66.972
172.0	63.267	63.545	63.082	59.330	66.138
172.5	63.406	63.545	62.804	58.774	65.212
173.0	63.591	63.452	62.572	58.265	63.637
173.5	63.823	63.498	62.479	57.755	61.275
174.0	64.008	63.498	62.433	57.338	58.357
174.5	64.147	63.498	62.340	56.922	54.884
175.0	64.425	63.637	62.294	56.597	50.947
175.5	64.517	63.684	62.248	56.458	46.825
176.0	64.703	63.776	62.248	56.319	44.139
176.5	64.749	63.823	62.202	56.319	42.240
177.0	64.934	63.915	62.109	56.181	40.294
177.5	64.980	63.915	61.970	56.134	39.878
178.0	65.166	64.008	61.924	56.088	39.970
178.5	65.258	64.054	61.970	55.995	40.063
179.0	65.351	64.054	61.924	55.856	40.109
179.5	65.444	64.054	61.877	55.810	40.155
180.0	58.682	58.682	58.682	58.682	58.682

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L60-930-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	530.25	N.A.	11.70
0-30	1111.06	N.A.	24.50
0-40	1784.76	N.A.	39.40
0-60	3020.48	N.A.	66.70
0-80	3762.97	N.A.	83.10
0-90	3949.71	N.A.	87.30
10-90	3811.47	N.A.	84.20
20-40	1254.51	N.A.	27.70
20-50	1917.94	N.A.	42.40
40-70	1675.9	N.A.	37.00
60-80	742.50	N.A.	16.40
70-80	302.32	N.A.	6.70
80-90	186.74	N.A.	4.10
90-110	218.11	N.A.	4.80
90-120	309.93	N.A.	6.80
90-130	394.44	N.A.	8.70
90-150	517.83	N.A.	11.40
90-180	576.81	N.A.	12.70
110-180	358.70	N.A.	7.90
0-180	4526.52	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	138.24
10-20	392.01
20-30	580.81
30-40	673.70
40-50	663.43
50-60	572.28
60-70	440.18
70-80	302.32
80-90	186.74
90-100	119.64
100-110	98.47
110-120	91.82
120-130	84.51
130-140	71.02
140-150	52.37
150-160	34.24
160-170	18.87
170-180	5.88

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L60-930-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-8-L60-930-DIM-UNV_.IES

UGR TABLE - CORRECTED

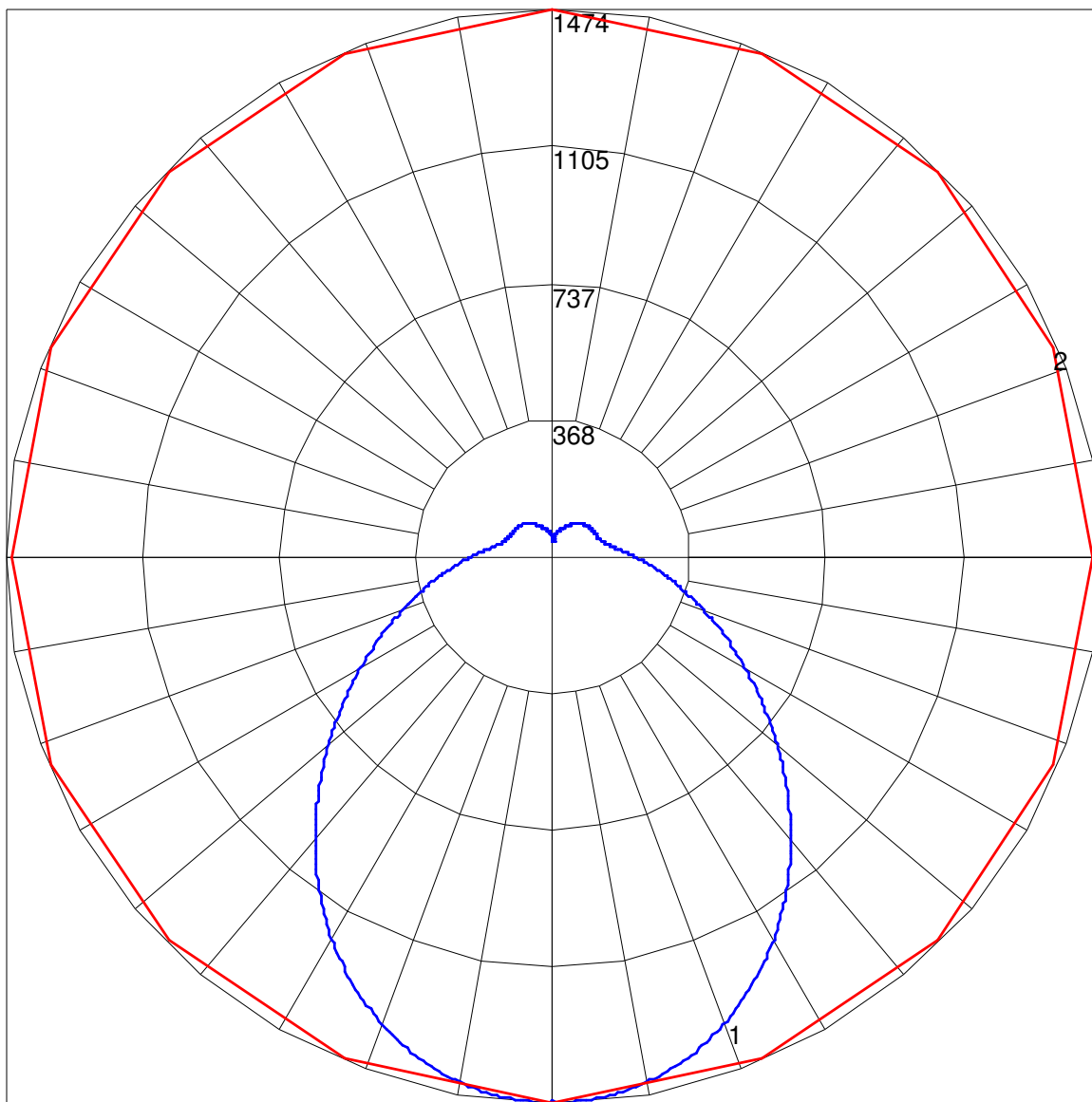
Reflectances

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	14.7	16.1	15.2	16.6	17.2	16.4	17.8	17.0	18.3	18.9
	3H	16.1	17.3	16.6	17.9	18.5	18.6	19.9	19.2	20.4	21.1
	4H	16.5	17.7	17.1	18.2	18.9	19.7	20.9	20.3	21.4	22.1
	6H	16.8	17.9	17.4	18.5	19.2	20.8	21.9	21.4	22.5	23.2
	8H	16.9	17.9	17.5	18.5	19.2	21.5	22.5	22.1	23.1	23.8
	12H	16.9	17.9	17.5	18.5	19.2	22.2	23.1	22.8	23.8	24.5
4H	2H	15.4	16.6	16.0	17.2	17.9	16.8	18.0	17.4	18.6	19.2
	3H	17.0	18.0	17.6	18.7	19.3	19.3	20.2	19.9	20.9	21.6
	4H	17.6	18.5	18.2	19.1	19.9	20.5	21.4	21.1	22.0	22.8
	6H	18.0	18.8	18.7	19.5	20.2	21.9	22.6	22.5	23.3	24.0
	8H	18.1	18.9	18.8	19.5	20.3	22.6	23.3	23.2	24.0	24.7
	12H	18.2	18.9	18.9	19.6	20.3	23.4	24.1	24.1	24.8	25.5
8H	4H	18.2	18.9	18.8	19.6	20.3	20.7	21.4	21.4	22.1	22.9
	6H	18.8	19.4	19.4	20.1	20.8	22.2	22.9	22.9	23.6	24.3
	8H	19.0	19.5	19.7	20.2	21.0	23.1	23.7	23.8	24.4	25.1
	12H	19.1	19.6	19.8	20.3	21.1	24.1	24.6	24.8	25.3	26.1
12H	4H	18.4	19.0	19.0	19.7	20.5	20.7	21.4	21.4	22.1	22.8
	6H	19.0	19.6	19.7	20.3	21.1	22.3	22.8	23.0	23.5	24.3
	8H	19.3	19.8	20.0	20.5	21.3	23.2	23.7	23.9	24.4	25.2

Maximum UGR = 26.1

POLAR GRAPH



Maximum Candela = 1473.755 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.)