

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L42-830-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-2-L42-830-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	4083
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	130
Total Luminaire Watts	31.4
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)	1.88 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	17345	15665	15712
55	14890	13353	13794
65	12343	11368	12293
75	9617	9833	11490
85	6326	9474	12140

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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	1321.372	1321.372	1321.372	1321.372	1321.372
0.5	1315.106	1320.119	1320.954	1320.536	1329.309
1.0	1315.106	1320.536	1320.536	1320.119	1328.892
1.5	1313.852	1320.536	1320.119	1319.701	1329.309
2.0	1313.435	1319.283	1320.119	1319.283	1328.056
2.5	1313.435	1319.283	1318.865	1318.865	1327.221
3.0	1312.181	1318.030	1318.030	1318.030	1326.385
3.5	1311.346	1316.777	1316.777	1317.194	1325.550
4.0	1310.510	1315.941	1315.941	1315.523	1324.714
4.5	1308.421	1314.688	1315.106	1314.688	1323.461
5.0	1307.168	1313.435	1313.435	1313.435	1322.208
5.5	1305.497	1311.764	1311.764	1312.181	1320.536
6.0	1304.662	1309.675	1310.093	1310.093	1318.865
6.5	1301.737	1308.004	1308.421	1308.421	1316.777
7.0	1300.066	1305.915	1306.333	1305.915	1315.106
7.5	1298.395	1303.408	1304.244	1304.244	1313.017
8.0	1296.306	1301.737	1301.737	1301.737	1310.093
8.5	1294.218	1298.813	1299.649	1299.649	1307.586
9.0	1290.876	1296.724	1297.142	1296.724	1304.662
9.5	1288.787	1293.800	1293.800	1293.800	1302.991
10.0	1285.445	1290.458	1290.458	1291.293	1299.649
10.5	1282.520	1287.534	1287.951	1287.951	1296.724
11.0	1279.596	1284.609	1285.027	1284.609	1293.382
11.5	1275.836	1281.267	1282.103	1281.267	1290.458
12.0	1272.494	1277.507	1278.343	1278.343	1286.698
12.5	1269.152	1273.747	1275.001	1274.165	1283.356
13.0	1265.392	1270.405	1271.241	1270.823	1279.596
13.5	1261.632	1266.228	1267.063	1267.063	1276.254
14.0	1257.037	1262.050	1262.886	1262.886	1271.659
14.5	1253.277	1257.873	1258.708	1258.708	1268.317
15.0	1249.517	1253.695	1254.113	1254.113	1263.303
15.5	1244.922	1248.682	1249.935	1249.935	1258.290
16.0	1239.909	1244.087	1245.340	1245.340	1254.113
16.5	1235.731	1239.073	1240.327	1240.744	1249.517
17.0	1229.883	1233.643	1235.314	1235.731	1244.504
17.5	1224.870	1228.629	1230.301	1230.718	1239.491
18.0	1220.274	1223.616	1224.870	1226.123	1234.896
18.5	1214.843	1218.603	1219.857	1220.692	1229.465
19.0	1209.413	1212.337	1214.426	1215.261	1223.616
19.5	1203.146	1207.324	1208.995	1210.666	1218.186
20.0	1196.462	1201.057	1203.146	1204.399	1212.337
20.5	1189.778	1195.627	1197.298	1198.969	1206.906
21.0	1184.347	1188.942	1190.196	1193.538	1201.057
21.5	1178.081	1182.676	1184.765	1186.436	1194.791
22.0	1171.396	1176.827	1178.916	1180.587	1189.360
22.5	1165.548	1169.308	1172.232	1174.739	1183.094
23.0	1158.446	1162.624	1165.548	1168.054	1176.410
23.5	1150.926	1155.522	1159.281	1161.788	1170.143
24.0	1143.407	1148.420	1152.180	1155.104	1163.459
24.5	1137.140	1141.318	1145.495	1148.002	1155.939
25.0	1130.038	1134.216	1138.811	1141.318	1149.255
25.5	1122.101	1127.114	1130.874	1134.634	1141.318
26.0	1114.581	1119.177	1124.190	1127.532	1135.051
26.5	1106.644	1111.239	1117.088	1120.012	1127.950

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CANDELA TABULATION - (Cont.)

27.0	1098.706	1102.884	1109.986	1113.746	1120.848
27.5	1089.516	1094.947	1102.048	1105.391	1113.746
28.0	1082.832	1087.009	1094.111	1097.871	1105.808
28.5	1074.059	1079.072	1086.174	1089.933	1097.871
29.0	1065.703	1070.717	1077.818	1082.414	1090.351
29.5	1056.930	1061.944	1069.463	1074.059	1081.996
30.0	1048.158	1053.588	1061.108	1066.957	1074.894
30.5	1038.967	1044.398	1053.171	1059.019	1066.539
31.0	1030.194	1035.625	1044.398	1050.664	1057.766
31.5	1021.003	1027.270	1036.043	1042.727	1050.246
32.0	1012.230	1017.661	1027.687	1033.954	1041.473
32.5	1002.622	1008.470	1018.914	1025.599	1033.118
33.0	993.431	999.698	1009.306	1017.243	1024.763
33.5	984.658	990.507	1000.951	1008.053	1015.990
34.0	974.214	980.898	991.760	999.698	1008.053
34.5	964.606	971.708	982.987	990.507	998.862
35.0	955.833	961.681	974.214	982.152	990.089
35.5	944.553	952.491	964.606	972.961	980.898
36.0	935.780	942.465	955.415	963.770	972.125
36.5	924.919	932.438	945.807	954.997	963.770
37.0	914.892	922.830	936.198	945.389	954.997
37.5	904.448	912.386	927.007	937.034	945.389
38.0	894.004	902.360	916.981	927.425	935.363
38.5	883.143	891.916	907.373	918.652	926.172
39.0	873.534	881.472	897.347	909.044	918.652
39.5	862.673	871.863	887.738	899.435	908.626
40.0	850.975	861.001	877.712	890.662	899.018
40.5	840.114	850.558	868.103	881.472	889.827
41.0	830.087	840.114	858.077	871.863	880.218
41.5	819.226	829.670	848.051	862.255	871.028
42.0	808.364	819.226	838.025	853.064	861.837
42.5	797.920	808.364	827.581	843.456	852.229
43.0	786.223	797.920	817.972	834.265	843.038
43.5	776.196	787.058	807.528	824.656	833.847
44.0	764.917	776.196	797.084	815.466	824.239
44.5	754.473	765.752	786.640	805.440	814.630
45.0	743.611	754.891	776.614	796.667	805.857
45.5	732.749	744.447	766.588	787.476	796.667
46.0	721.888	733.585	755.726	777.450	787.058
46.5	711.026	722.723	746.535	769.094	777.867
47.0	699.746	712.279	736.092	759.068	768.677
47.5	688.885	701.418	725.648	749.460	759.068
48.0	678.441	690.556	715.204	740.687	749.460
48.5	666.744	680.112	705.595	730.661	740.269
49.0	656.300	668.832	694.733	721.052	730.661
49.5	645.438	658.388	684.707	711.861	721.470
50.0	634.158	647.527	674.681	701.835	711.861
50.5	623.714	637.083	664.237	693.480	703.089
51.0	612.853	626.221	655.046	683.872	693.898
51.5	602.409	615.359	644.602	674.681	684.707
52.0	591.129	604.915	634.576	665.072	675.516
52.5	580.267	594.053	624.968	655.464	666.744
53.0	568.988	583.609	614.941	647.109	657.135
53.5	558.126	573.165	605.333	637.500	648.362
54.0	547.682	562.721	595.724	628.310	639.589
54.5	537.656	551.860	586.116	619.954	630.816

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55.0	527.212	541.834	576.508	610.346	622.879
55.5	518.439	531.390	566.899	601.573	613.270
56.0	508.413	522.199	557.708	592.800	604.497
56.5	497.969	512.590	548.100	584.027	596.142
57.0	487.943	502.982	538.909	575.254	587.369
57.5	477.499	492.956	530.972	566.899	577.761
58.0	467.055	482.930	521.781	557.708	570.659
58.5	457.028	472.903	512.590	549.771	562.304
59.0	447.002	462.877	503.817	542.669	553.531
59.5	436.976	453.269	495.880	533.896	546.847
60.0	426.950	443.242	487.107	525.541	538.491
60.5	417.132	433.634	478.334	517.604	530.136
61.0	407.273	424.025	469.561	509.666	522.199
61.5	397.498	414.501	460.788	501.729	514.679
62.0	387.889	405.059	452.433	494.209	506.742
62.5	378.406	395.701	443.660	486.689	499.222
63.0	368.798	386.385	435.305	478.752	492.538
63.5	359.273	377.195	427.368	471.232	485.018
64.0	349.999	368.129	419.012	463.295	477.499
64.5	340.766	359.273	411.075	455.775	469.979
65.0	331.617	350.375	403.096	448.256	462.877
65.5	322.594	341.685	395.200	440.736	455.357
66.0	313.445	332.996	387.388	433.216	448.256
66.5	304.505	324.515	379.618	426.114	441.154
67.0	295.773	316.118	371.889	418.595	434.052
67.5	287.000	307.847	364.328	411.576	426.950
68.0	278.353	299.784	356.808	404.474	420.266
68.5	269.831	291.763	349.455	397.581	413.289
69.0	261.350	283.826	342.186	390.647	406.688
69.5	252.995	276.055	335.001	383.921	400.130
70.0	244.681	268.410	327.941	377.320	393.613
70.5	236.577	260.849	320.881	370.719	387.179
71.0	228.556	253.371	313.946	364.202	380.829
71.5	220.619	246.060	307.178	357.852	374.563
72.0	212.848	238.708	300.411	351.544	368.464
72.5	205.036	231.606	293.810	345.361	362.406
73.0	197.433	224.546	287.251	339.262	356.307
73.5	190.039	217.569	280.901	333.205	350.375
74.0	182.728	210.801	274.468	327.356	344.401
74.5	175.542	203.992	268.327	321.549	338.761
75.0	168.399	197.349	262.227	315.868	333.288
75.5	161.380	190.874	256.212	310.228	327.732
76.0	154.571	184.524	250.363	304.630	322.301
76.5	147.803	178.258	244.556	299.157	316.870
77.0	141.119	172.033	238.833	293.726	311.607
77.5	134.560	165.976	233.193	288.463	306.385
78.0	128.085	160.044	227.720	283.282	301.246
78.5	121.735	154.195	222.290	278.060	296.149
79.0	115.510	148.513	217.026	273.006	291.136
79.5	109.328	142.874	211.846	268.076	286.123
80.0	103.228	137.317	206.665	263.188	281.361
80.5	97.296	131.928	201.652	258.259	276.515
81.0	91.531	126.623	196.848	253.496	271.794
81.5	85.682	121.443	192.044	248.776	267.073
82.0	80.043	116.388	187.365	244.222	262.520
82.5	74.528	111.416	182.770	239.668	258.050

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83.0	69.097	106.570	178.258	235.282	253.705
83.5	63.708	101.850	173.955	230.812	249.193
84.0	58.444	97.254	169.777	226.593	244.890
84.5	53.223	92.826	165.683	222.415	240.671
85.0	48.209	88.523	161.673	218.279	236.452
85.5	43.196	84.429	157.746	214.269	232.358
86.0	38.267	80.502	153.902	210.342	228.305
86.5	33.379	76.826	150.268	206.415	224.253
87.0	28.575	73.275	146.592	202.697	220.284
87.5	23.770	69.975	143.124	198.937	216.483
88.0	19.008	66.758	139.699	195.302	212.639
88.5	14.204	63.750	136.398	191.710	208.921
89.0	9.817	60.909	133.265	188.242	205.245
89.5	6.225	58.277	130.216	184.900	201.652
90.0	3.718	55.938	127.417	181.725	198.352
90.5	2.632	53.891	124.826	178.550	194.843
91.0	2.799	52.011	122.195	175.333	191.501
91.5	3.342	50.215	119.563	172.284	188.159
92.0	3.969	48.711	117.056	169.192	184.900
92.5	4.637	47.416	114.926	166.226	181.683
93.0	5.306	46.288	112.711	163.427	178.592
93.5	6.016	45.410	110.623	160.670	175.668
94.0	6.768	44.658	108.659	158.080	172.827
94.5	7.478	44.115	106.821	155.448	169.903
95.0	8.188	43.698	105.108	152.858	167.104
95.5	8.856	43.405	103.521	150.393	164.346
96.0	9.400	43.280	102.142	148.012	161.631
96.5	9.943	43.280	100.763	145.798	159.124
97.0	10.444	43.322	99.510	143.667	156.618
97.5	10.987	43.489	98.340	141.620	154.320
98.0	11.447	43.656	97.296	139.615	151.981
98.5	11.990	43.865	96.419	137.693	149.808
99.0	12.533	44.115	95.500	135.897	147.678
99.5	13.118	44.408	94.706	134.184	145.589
100.0	13.619	44.700	94.079	132.597	143.709
100.5	14.204	45.034	93.453	131.051	141.787
101.0	14.705	45.369	92.993	129.589	140.075
101.5	15.206	45.703	92.534	128.210	138.320
102.0	15.666	46.037	92.199	126.915	136.774
102.5	16.126	46.371	91.865	125.704	135.229
103.0	16.585	46.747	91.615	124.492	133.850
103.5	17.086	47.123	91.406	123.448	132.430
104.0	17.629	47.457	91.197	122.487	131.135
104.5	18.173	47.833	91.071	121.568	129.923
105.0	18.674	48.209	90.946	120.732	128.753
105.5	19.133	48.544	90.821	119.855	127.751
106.0	19.676	48.961	90.779	119.103	126.748
106.5	20.178	49.337	90.779	118.393	125.745
107.0	20.679	49.755	90.779	117.725	124.910
107.5	21.139	50.089	90.779	117.223	124.033
108.0	21.723	50.507	90.779	116.638	123.155
108.5	22.267	50.925	90.821	116.221	122.571
109.0	22.810	51.259	90.904	115.677	121.986
109.5	23.395	51.635	90.946	115.302	121.359
110.0	23.979	52.011	91.030	114.884	120.858
110.5	24.564	52.387	91.113	114.508	120.398

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CANDELA TABULATION - (Cont.)

111.0	25.149	52.763	91.155	114.174	119.897
111.5	25.734	53.097	91.197	113.923	119.479
112.0	26.361	53.473	91.280	113.672	118.978
112.5	26.987	53.849	91.364	113.380	118.518
113.0	27.656	54.225	91.489	113.171	118.309
113.5	28.282	54.559	91.489	112.962	118.017
114.0	28.951	54.894	91.573	112.795	117.725
114.5	29.577	55.270	91.656	112.586	117.474
115.0	30.246	55.562	91.740	112.461	117.265
115.5	30.914	55.938	91.740	112.335	117.056
116.0	31.541	56.272	91.865	112.168	116.805
116.5	32.126	56.606	91.949	112.001	116.722
117.0	32.794	56.982	92.032	112.001	116.513
117.5	33.421	57.275	92.116	111.834	116.388
118.0	33.964	57.567	92.199	111.751	116.221
118.5	34.590	57.860	92.241	111.625	116.179
119.0	35.134	58.152	92.325	111.500	115.928
119.5	35.718	58.361	92.408	111.375	115.886
120.0	36.261	58.570	92.367	111.291	115.677
120.5	36.805	58.820	92.408	111.124	115.636
121.0	37.348	58.988	92.492	110.999	115.469
121.5	37.933	59.196	92.450	110.831	115.385
122.0	38.476	59.447	92.450	110.748	115.260
122.5	39.019	59.698	92.492	110.581	114.967
123.0	39.562	59.948	92.450	110.414	114.926
123.5	40.063	60.157	92.367	110.288	114.675
124.0	40.481	60.324	92.367	110.163	114.633
124.5	40.899	60.492	92.367	109.954	114.466
125.0	41.316	60.700	92.283	109.745	114.299
125.5	41.734	60.826	92.199	109.620	114.090
126.0	42.110	60.993	92.158	109.369	113.923
126.5	42.444	61.202	92.074	109.202	113.798
127.0	42.820	61.285	91.991	108.993	113.630
127.5	43.113	61.411	91.865	108.784	113.338
128.0	43.489	61.411	91.823	108.534	113.171
128.5	43.781	61.494	91.656	108.325	113.004
129.0	44.074	61.578	91.489	108.116	112.795
129.5	44.324	61.703	91.197	107.782	112.544
130.0	44.533	61.787	90.904	107.573	112.294
130.5	44.742	61.870	90.570	107.322	112.001
131.0	44.867	61.995	90.236	106.946	111.709
131.5	45.034	62.121	89.902	106.612	111.416
132.0	45.202	62.246	89.526	106.403	111.166
132.5	45.285	62.288	89.108	105.985	110.790
133.0	45.410	62.330	88.941	105.609	110.330
133.5	45.452	62.288	88.690	105.317	110.121
134.0	45.494	62.204	88.523	104.983	109.829
134.5	45.619	62.037	88.314	104.607	109.286
135.0	45.745	61.912	88.064	104.106	108.868
135.5	45.703	61.578	87.855	103.771	108.534
136.0	45.786	61.536	87.562	103.354	108.116
136.5	45.870	61.411	87.353	102.894	107.698
137.0	45.912	61.202	87.019	102.518	107.239
137.5	45.953	60.993	86.727	102.017	106.821
138.0	46.037	60.867	86.309	101.599	106.320
138.5	46.037	60.700	85.766	101.139	105.944

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	45.995	60.575	85.139	100.596	105.359
139.5	45.995	60.408	84.387	100.012	104.941
140.0	45.995	60.199	83.552	99.468	104.356
140.5	45.995	60.074	82.800	98.800	103.730
141.0	45.995	59.990	81.964	98.090	103.228
141.5	45.995	59.823	81.129	97.463	102.727
142.0	45.953	59.740	80.335	96.669	102.184
142.5	45.912	59.614	79.500	95.959	101.557
143.0	45.870	59.489	78.706	95.291	100.931
143.5	45.870	59.322	77.787	94.581	100.346
144.0	45.870	59.113	76.993	94.038	99.677
144.5	45.995	58.946	76.199	93.411	99.092
145.0	46.162	58.779	75.322	92.868	98.424
145.5	46.455	58.570	74.528	92.325	97.756
146.0	46.831	58.403	73.776	91.740	97.129
146.5	47.207	58.236	73.150	91.113	96.419
147.0	47.583	58.027	72.439	90.487	95.709
147.5	47.917	57.943	71.896	89.860	94.998
148.0	48.293	57.776	71.311	89.150	94.246
148.5	48.627	57.734	70.852	88.481	93.494
149.0	49.045	57.734	70.351	87.813	92.826
149.5	49.337	57.860	69.891	87.103	91.991
150.0	49.672	57.943	69.432	86.434	91.113
150.5	49.964	57.985	68.930	85.682	90.194
151.0	50.173	58.110	68.262	84.930	89.108
151.5	50.382	58.152	67.552	84.137	88.105
152.0	50.632	58.236	66.883	83.301	87.103
152.5	50.883	58.319	66.257	82.424	86.017
153.0	51.050	58.361	65.588	81.421	85.139
153.5	51.259	58.486	64.878	80.377	84.137
154.0	51.426	58.444	64.251	79.207	83.301
154.5	51.635	58.486	63.708	78.079	82.466
155.0	51.719	58.570	63.165	76.784	81.839
155.5	51.886	58.612	62.622	75.573	81.171
156.0	52.011	58.612	62.246	74.278	80.586
156.5	52.220	58.612	61.870	72.983	79.834
157.0	52.303	58.695	61.494	71.813	79.124
157.5	52.429	58.695	61.243	70.685	78.330
158.0	52.596	58.653	61.118	69.515	77.578
158.5	52.638	58.653	60.951	68.554	76.701
159.0	52.847	58.528	60.826	67.635	75.949
159.5	53.014	58.444	60.617	66.758	75.113
160.0	53.223	58.361	60.408	66.048	74.278
160.5	53.473	58.319	60.241	65.379	73.484
161.0	53.640	58.194	60.199	64.669	72.690
161.5	53.891	58.152	60.116	63.959	72.105
162.0	54.100	58.069	60.241	63.374	71.604
162.5	54.309	58.069	60.324	62.747	71.019
163.0	54.559	58.027	60.366	62.079	70.518
163.5	54.768	58.027	60.450	61.369	69.891
164.0	54.852	58.027	60.533	60.492	69.306
164.5	54.977	57.943	60.450	59.823	68.554
165.0	55.102	57.943	60.324	59.155	67.802
165.5	55.228	57.901	60.199	58.695	67.009
166.0	55.353	57.860	60.116	58.194	65.797
166.5	55.478	57.860	59.990	57.776	65.212

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	55.646	57.860	59.865	57.400	64.753
167.5	55.729	57.860	59.614	57.066	64.293
168.0	55.854	57.860	59.405	56.732	63.917
168.5	56.105	57.693	59.113	56.439	63.458
169.0	56.230	57.734	58.904	56.147	62.998
169.5	56.439	57.609	58.570	55.813	62.497
170.0	56.523	57.567	58.277	55.395	62.037
170.5	56.648	57.484	57.901	54.935	61.536
171.0	56.732	57.400	57.484	54.434	60.909
171.5	56.857	57.400	57.108	53.974	60.408
172.0	57.066	57.317	56.899	53.515	59.656
172.5	57.191	57.317	56.648	53.014	58.820
173.0	57.358	57.233	56.439	52.554	57.400
173.5	57.567	57.275	56.356	52.095	55.270
174.0	57.734	57.275	56.314	51.719	52.638
174.5	57.860	57.275	56.230	51.343	49.504
175.0	58.110	57.400	56.189	51.050	45.953
175.5	58.194	57.442	56.147	50.925	42.235
176.0	58.361	57.525	56.147	50.800	39.812
176.5	58.403	57.567	56.105	50.800	38.100
177.0	58.570	57.651	56.021	50.674	36.345
177.5	58.612	57.651	55.896	50.632	35.969
178.0	58.779	57.734	55.854	50.591	36.053
178.5	58.862	57.776	55.896	50.507	36.136
179.0	58.946	57.776	55.854	50.382	36.178
179.5	59.029	57.776	55.813	50.340	36.220
180.0	52.930	52.930	52.930	52.930	52.930

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-830-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	478.28	N.A.	11.70
0-30	1002.16	N.A.	24.50
0-40	1609.83	N.A.	39.40
0-60	2724.43	N.A.	66.70
0-80	3394.16	N.A.	83.10
0-90	3562.59	N.A.	87.30
10-90	3437.9	N.A.	84.20
20-40	1131.55	N.A.	27.70
20-50	1729.96	N.A.	42.40
40-70	1511.64	N.A.	37.00
60-80	669.72	N.A.	16.40
70-80	272.69	N.A.	6.70
80-90	168.43	N.A.	4.10
90-110	196.73	N.A.	4.80
90-120	279.55	N.A.	6.80
90-130	355.78	N.A.	8.70
90-150	467.07	N.A.	11.40
90-180	520.28	N.A.	12.70
110-180	323.55	N.A.	7.90
0-180	4082.87	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	124.69
10-20	353.59
20-30	523.88
30-40	607.67
40-50	598.41
50-60	516.19
60-70	397.04
70-80	272.69
80-90	168.43
90-100	107.92
100-110	88.82
110-120	82.82
120-130	76.23
130-140	64.05
140-150	47.24
150-160	30.89
160-170	17.02
170-180	5.30

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-830-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	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

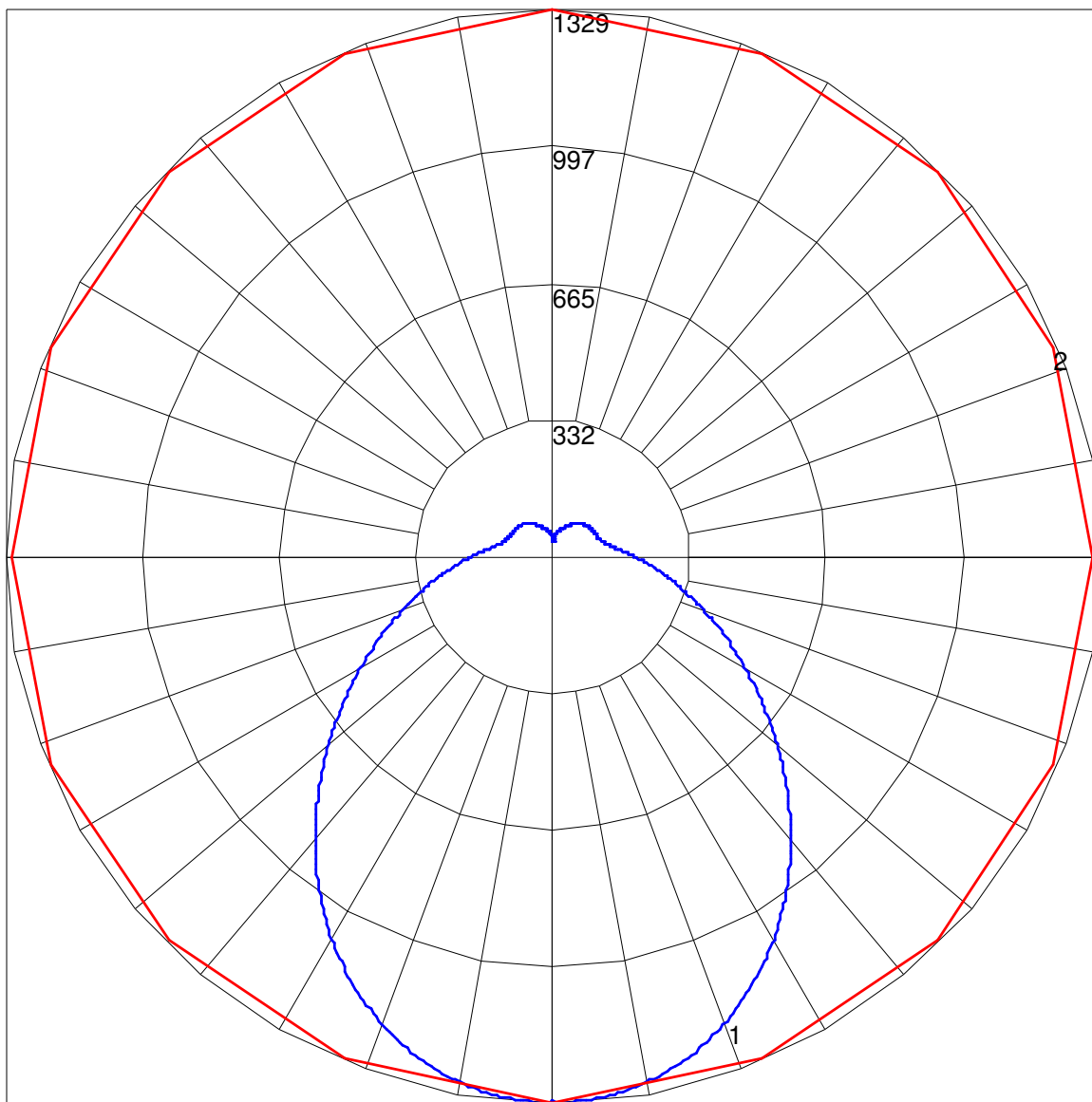
IES INDOOR REPORT
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UGR TABLE - CORRECTED

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	19.0	20.4	19.6	21.0	21.6	20.6	22.0	21.2	22.6	23.2
	3H	20.4	21.6	21.0	22.2	22.9	22.8	24.0	23.4	24.6	25.3
	4H	20.8	22.0	21.4	22.6	23.3	23.8	25.0	24.4	25.6	26.3
	6H	21.1	22.2	21.7	22.8	23.5	24.9	26.0	25.5	26.6	27.3
	8H	21.2	22.3	21.8	22.9	23.6	25.5	26.5	26.1	27.2	27.8
	12H	21.3	22.2	21.9	22.9	23.6	26.1	27.1	26.7	27.7	28.4
4H	2H	19.8	20.9	20.4	21.5	22.2	21.0	22.2	21.6	22.8	23.5
	3H	21.4	22.4	22.0	23.0	23.7	23.4	24.4	24.1	25.1	25.8
	4H	21.9	22.8	22.6	23.5	24.2	24.7	25.6	25.3	26.2	26.9
	6H	22.3	23.1	23.0	23.8	24.5	26.0	26.7	26.6	27.4	28.1
	8H	22.5	23.2	23.1	23.9	24.6	26.6	27.4	27.3	28.0	28.8
	12H	22.5	23.2	23.2	23.9	24.6	27.4	28.0	28.0	28.7	29.5
8H	4H	22.5	23.2	23.1	23.9	24.6	24.9	25.6	25.5	26.3	27.0
	6H	23.1	23.7	23.7	24.4	25.1	26.3	27.0	27.0	27.7	28.4
	8H	23.3	23.8	24.0	24.5	25.3	27.1	27.7	27.8	28.4	29.2
	12H	23.4	23.9	24.1	24.6	25.4	28.1	28.6	28.8	29.3	30.1
12H	4H	22.6	23.3	23.3	24.0	24.7	24.9	25.5	25.5	26.2	27.0
	6H	23.3	23.9	24.0	24.6	25.4	26.4	26.9	27.1	27.6	28.4
	8H	23.6	24.1	24.3	24.8	25.6	27.3	27.8	28.0	28.4	29.3

Maximum UGR = 30.1

POLAR GRAPH



Maximum Candela = 1329.309 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.)