

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L42-835-HE-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-L42-835-HE-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	4140
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	180
Total Luminaire Watts	23
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	17588	15885	15933
55	15099	13541	13987
65	12516	11527	12466
75	9752	9971	11652
85	6415	9607	12310

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-835-HE-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	1339.898	1339.898	1339.898	1339.898	1339.898
0.5	1333.544	1338.627	1339.474	1339.051	1347.946
1.0	1333.544	1339.051	1339.051	1338.627	1347.523
1.5	1332.273	1339.051	1338.627	1338.203	1347.946
2.0	1331.849	1337.780	1338.627	1337.780	1346.676
2.5	1331.849	1337.780	1337.356	1337.356	1345.828
3.0	1330.578	1336.509	1336.509	1336.509	1344.981
3.5	1329.731	1335.238	1335.238	1335.662	1344.134
4.0	1328.884	1334.391	1334.391	1333.967	1343.287
4.5	1326.766	1333.120	1333.544	1333.120	1342.016
5.0	1325.495	1331.849	1331.849	1331.849	1340.745
5.5	1323.800	1330.155	1330.155	1330.578	1339.051
6.0	1322.953	1328.037	1328.460	1328.460	1337.356
6.5	1319.988	1326.342	1326.766	1326.766	1335.238
7.0	1318.293	1324.224	1324.648	1324.224	1333.544
7.5	1316.599	1321.682	1322.529	1322.529	1331.425
8.0	1314.481	1319.988	1319.988	1319.988	1328.460
8.5	1312.363	1317.022	1317.870	1317.870	1325.918
9.0	1308.974	1314.904	1315.328	1314.904	1322.953
9.5	1306.856	1311.939	1311.939	1311.939	1321.259
10.0	1303.467	1308.550	1308.550	1309.397	1317.870
10.5	1300.501	1305.585	1306.008	1306.008	1314.904
11.0	1297.536	1302.620	1303.043	1302.620	1311.515
11.5	1293.724	1299.231	1300.078	1299.231	1308.550
12.0	1290.335	1295.418	1296.265	1296.265	1304.738
12.5	1286.946	1291.606	1292.876	1292.029	1301.349
13.0	1283.133	1288.217	1289.064	1288.640	1297.536
13.5	1279.321	1283.980	1284.828	1284.828	1294.147
14.0	1274.661	1279.744	1280.592	1280.592	1289.487
14.5	1270.848	1275.508	1276.355	1276.355	1286.099
15.0	1267.036	1271.272	1271.696	1271.696	1281.015
15.5	1262.376	1266.189	1267.459	1267.459	1275.932
16.0	1257.293	1261.529	1262.800	1262.800	1271.696
16.5	1253.056	1256.445	1257.716	1258.140	1267.036
17.0	1247.126	1250.938	1252.633	1253.056	1261.952
17.5	1242.042	1245.855	1247.549	1247.973	1256.869
18.0	1237.383	1240.772	1242.042	1243.313	1252.209
18.5	1231.876	1235.688	1236.959	1237.806	1246.702
19.0	1226.369	1229.334	1231.452	1232.299	1240.772
19.5	1220.014	1224.251	1225.945	1227.639	1235.265
20.0	1213.237	1217.896	1220.014	1221.285	1229.334
20.5	1206.459	1212.389	1214.084	1215.778	1223.827
21.0	1200.952	1205.611	1206.882	1210.271	1217.896
21.5	1194.597	1199.257	1201.375	1203.070	1211.542
22.0	1187.820	1193.327	1195.445	1197.139	1206.035
22.5	1181.889	1185.701	1188.667	1191.209	1199.681
23.0	1174.687	1178.924	1181.889	1184.431	1192.903
23.5	1167.062	1171.722	1175.535	1178.076	1186.549
24.0	1159.437	1164.521	1168.333	1171.299	1179.771
24.5	1153.083	1157.319	1161.555	1164.097	1172.146
25.0	1145.882	1150.118	1154.778	1157.319	1165.368
25.5	1137.833	1142.916	1146.729	1150.541	1157.319
26.0	1130.208	1134.868	1139.951	1143.340	1150.965
26.5	1122.159	1126.819	1132.749	1135.715	1143.764

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-835-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	1114.110	1118.347	1125.548	1129.361	1136.562
27.5	1104.791	1110.298	1117.499	1120.888	1129.361
28.0	1098.013	1102.249	1109.451	1113.263	1121.312
28.5	1089.117	1094.200	1101.402	1105.214	1113.263
29.0	1080.645	1085.728	1092.930	1097.589	1105.638
29.5	1071.749	1076.832	1084.457	1089.117	1097.166
30.0	1062.853	1068.360	1075.985	1081.916	1089.964
30.5	1053.533	1059.040	1067.936	1073.867	1081.492
31.0	1044.637	1050.144	1059.040	1065.395	1072.596
31.5	1035.318	1041.672	1050.568	1057.346	1064.971
32.0	1026.422	1031.929	1042.096	1048.450	1056.075
32.5	1016.679	1022.609	1033.200	1039.978	1047.603
33.0	1007.359	1013.713	1023.457	1031.505	1039.130
33.5	998.463	1004.394	1014.984	1022.186	1030.234
34.0	987.873	994.651	1005.665	1013.713	1022.186
34.5	978.130	985.331	996.769	1004.394	1012.866
35.0	969.234	975.164	987.873	995.921	1003.970
35.5	957.796	965.845	978.130	986.602	994.651
36.0	948.900	955.678	968.810	977.282	985.755
36.5	937.886	945.511	959.067	968.386	977.282
37.0	927.719	935.768	949.324	958.643	968.386
37.5	917.129	925.178	940.004	950.171	958.643
38.0	906.538	915.011	929.837	940.428	948.476
38.5	895.524	904.420	920.094	931.532	939.157
39.0	885.781	893.830	909.927	921.789	931.532
39.5	874.767	884.087	900.184	912.045	921.365
40.0	862.906	873.073	890.017	903.150	911.622
40.5	851.892	862.482	880.274	893.830	902.302
41.0	841.725	851.892	870.107	884.087	892.559
41.5	830.711	841.302	859.941	874.344	883.240
42.0	819.697	830.711	849.774	865.024	873.920
42.5	809.107	819.697	839.184	855.281	864.177
43.0	797.246	809.107	829.440	845.961	854.857
43.5	787.079	798.093	818.850	836.218	845.538
44.0	775.641	787.079	808.260	826.899	835.795
44.5	765.051	776.488	797.669	816.732	826.051
45.0	754.037	765.474	787.502	807.836	817.155
45.5	743.023	754.884	777.336	798.516	807.836
46.0	732.009	743.870	766.322	788.350	798.093
46.5	720.995	732.856	757.002	779.877	788.773
47.0	709.557	722.265	746.412	769.710	779.454
47.5	698.543	711.251	735.821	759.967	769.710
48.0	687.953	700.237	725.231	751.071	759.967
48.5	676.091	689.647	715.488	740.905	750.648
49.0	665.501	678.209	704.474	731.161	740.905
49.5	654.487	667.619	694.307	721.842	731.585
50.0	643.049	656.605	684.140	711.675	721.842
50.5	632.459	646.015	673.550	703.203	712.946
51.0	621.445	635.001	664.230	693.460	703.626
51.5	610.854	623.987	653.640	684.140	694.307
52.0	599.417	613.396	643.473	674.397	684.987
52.5	588.403	602.382	633.730	664.654	676.091
53.0	576.965	591.792	623.563	656.181	666.348
53.5	565.951	581.201	613.820	646.438	657.452
54.0	555.361	570.611	604.077	637.119	648.556
54.5	545.194	559.597	594.333	628.646	639.660

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-835-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	534.604	549.430	584.590	618.903	631.612
55.5	525.708	538.840	574.847	610.007	621.868
56.0	515.541	529.520	565.528	601.111	612.973
56.5	504.950	519.777	555.784	592.215	604.500
57.0	494.784	510.034	546.465	583.319	595.604
57.5	484.193	499.867	538.416	574.847	585.861
58.0	473.603	489.700	529.097	565.528	578.660
58.5	463.436	479.533	519.777	557.479	570.187
59.0	453.269	469.367	510.881	550.277	561.291
59.5	443.102	459.623	502.832	541.381	554.513
60.0	432.936	449.457	493.936	532.909	546.041
60.5	422.981	439.714	485.040	524.860	537.569
61.0	412.983	429.970	476.145	516.812	529.520
61.5	403.071	420.312	467.249	508.763	521.895
62.0	393.328	410.738	458.776	501.138	513.846
62.5	383.711	401.249	449.880	493.513	506.221
63.0	373.968	391.803	441.408	485.464	499.443
63.5	364.310	382.483	433.359	477.839	491.818
64.0	354.906	373.291	424.887	469.790	484.193
64.5	345.544	364.310	416.838	462.165	476.568
65.0	336.266	355.287	408.747	454.540	469.367
65.5	327.116	346.476	400.741	446.915	461.742
66.0	317.839	337.664	392.819	439.290	454.540
66.5	308.774	329.065	384.940	432.088	447.339
67.0	299.920	320.550	377.103	424.463	440.137
67.5	291.024	312.163	369.436	417.347	432.936
68.0	282.255	303.987	361.811	410.145	426.158
68.5	273.614	295.853	354.355	403.155	419.083
69.0	265.014	287.805	346.984	396.123	412.390
69.5	256.542	279.926	339.698	389.303	405.740
70.0	248.112	272.173	332.539	382.610	399.131
70.5	239.894	264.506	325.380	375.917	392.607
71.0	231.760	256.923	318.348	369.309	386.168
71.5	223.712	249.510	311.485	362.870	379.814
72.0	215.832	242.054	304.622	356.473	373.629
72.5	207.911	234.853	297.929	350.203	367.487
73.0	200.201	227.694	291.278	344.019	361.302
73.5	192.703	220.619	284.839	337.876	355.287
74.0	185.290	213.757	278.316	331.946	349.229
74.5	178.003	206.852	272.089	326.057	343.510
75.0	170.760	200.116	265.904	320.296	337.961
75.5	163.643	193.550	259.804	314.577	332.327
76.0	156.738	187.111	253.873	308.901	326.820
76.5	149.875	180.757	247.985	303.351	321.313
77.0	143.098	174.445	242.181	297.844	315.975
77.5	136.447	168.303	236.463	292.507	310.680
78.0	129.881	162.287	230.913	287.254	305.470
78.5	123.442	156.357	225.406	281.959	300.301
79.0	117.130	150.596	220.069	276.833	295.218
79.5	110.860	144.877	214.816	271.834	290.135
80.0	104.676	139.243	209.563	266.878	285.305
80.5	98.660	133.778	204.479	261.879	280.392
81.0	92.814	128.398	199.608	257.050	275.605
81.5	86.884	123.145	194.736	252.263	270.818
82.0	81.165	118.019	189.992	247.646	266.200
82.5	75.573	112.978	185.332	243.029	261.668

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-835-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	70.066	108.064	180.757	238.581	257.262
83.5	64.601	103.278	176.394	234.048	252.687
84.0	59.264	98.618	172.158	229.769	248.324
84.5	53.969	94.127	168.006	225.533	244.045
85.0	48.885	89.764	163.939	221.339	239.767
85.5	43.802	85.613	159.957	217.273	235.615
86.0	38.803	81.631	156.060	213.291	231.506
86.5	33.847	77.903	152.375	209.309	227.397
87.0	28.975	74.302	148.647	205.539	223.373
87.5	24.104	70.956	145.131	201.726	219.518
88.0	19.275	67.694	141.657	198.041	215.621
88.5	14.403	64.644	138.311	194.397	211.850
89.0	9.955	61.763	135.134	190.881	208.123
89.5	6.312	59.094	132.041	187.492	204.479
90.0	3.770	56.722	129.203	184.273	201.133
90.5	2.669	54.646	126.576	181.054	197.575
91.0	2.838	52.740	123.908	177.792	194.186
91.5	3.389	50.919	121.239	174.699	190.797
92.0	4.024	49.394	118.697	171.565	187.492
92.5	4.702	48.080	116.537	168.557	184.231
93.0	5.380	46.937	114.292	165.719	181.096
93.5	6.100	46.047	112.174	162.923	178.131
94.0	6.863	45.285	110.183	160.296	175.250
94.5	7.583	44.734	108.319	157.628	172.285
95.0	8.303	44.310	106.582	155.001	169.446
95.5	8.981	44.014	104.972	152.502	166.651
96.0	9.531	43.887	103.574	150.087	163.897
96.5	10.082	43.887	102.176	147.842	161.355
97.0	10.590	43.929	100.905	145.682	158.814
97.5	11.141	44.098	99.719	143.606	156.484
98.0	11.607	44.268	98.660	141.573	154.112
98.5	12.158	44.480	97.771	139.624	151.909
99.0	12.708	44.734	96.839	137.802	149.748
99.5	13.302	45.030	96.034	136.065	147.630
100.0	13.810	45.327	95.398	134.456	145.724
100.5	14.403	45.666	94.763	132.888	143.775
101.0	14.911	46.005	94.297	131.406	142.038
101.5	15.420	46.344	93.831	130.008	140.259
102.0	15.886	46.682	93.492	128.695	138.692
102.5	16.352	47.021	93.153	127.466	137.125
103.0	16.818	47.403	92.899	126.238	135.727
103.5	17.326	47.784	92.687	125.179	134.286
104.0	17.877	48.123	92.475	124.204	132.973
104.5	18.427	48.504	92.348	123.272	131.745
105.0	18.936	48.885	92.221	122.425	130.558
105.5	19.402	49.224	92.094	121.535	129.542
106.0	19.952	49.648	92.052	120.773	128.525
106.5	20.461	50.029	92.052	120.053	127.508
107.0	20.969	50.453	92.052	119.375	126.661
107.5	21.435	50.792	92.052	118.867	125.772
108.0	22.028	51.215	92.052	118.274	124.882
108.5	22.579	51.639	92.094	117.850	124.289
109.0	23.129	51.978	92.179	117.299	123.696
109.5	23.723	52.359	92.221	116.918	123.060
110.0	24.316	52.740	92.306	116.494	122.552
110.5	24.909	53.121	92.391	116.113	122.086

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-835-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

111.0	25.502	53.503	92.433	115.774	121.578
111.5	26.095	53.842	92.475	115.520	121.154
112.0	26.730	54.223	92.560	115.266	120.646
112.5	27.366	54.604	92.645	114.969	120.180
113.0	28.043	54.985	92.772	114.758	119.968
113.5	28.679	55.324	92.772	114.546	119.672
114.0	29.357	55.663	92.857	114.376	119.375
114.5	29.992	56.044	92.941	114.165	119.121
115.0	30.670	56.341	93.026	114.037	118.909
115.5	31.348	56.722	93.026	113.910	118.697
116.0	31.983	57.061	93.153	113.741	118.443
116.5	32.576	57.400	93.238	113.571	118.358
117.0	33.254	57.781	93.323	113.571	118.147
117.5	33.889	58.078	93.407	113.402	118.019
118.0	34.440	58.374	93.492	113.317	117.850
118.5	35.075	58.671	93.534	113.190	117.808
119.0	35.626	58.967	93.619	113.063	117.553
119.5	36.219	59.179	93.704	112.936	117.511
120.0	36.770	59.391	93.662	112.851	117.299
120.5	37.321	59.645	93.704	112.682	117.257
121.0	37.871	59.815	93.789	112.555	117.087
121.5	38.464	60.026	93.746	112.385	117.003
122.0	39.015	60.281	93.746	112.301	116.876
122.5	39.566	60.535	93.789	112.131	116.579
123.0	40.116	60.789	93.746	111.962	116.537
123.5	40.625	61.001	93.662	111.835	116.283
124.0	41.048	61.170	93.662	111.708	116.240
124.5	41.472	61.340	93.662	111.496	116.071
125.0	41.896	61.551	93.577	111.284	115.901
125.5	42.319	61.679	93.492	111.157	115.690
126.0	42.701	61.848	93.450	110.903	115.520
126.5	43.039	62.060	93.365	110.733	115.393
127.0	43.421	62.144	93.280	110.521	115.224
127.5	43.717	62.272	93.153	110.310	114.927
128.0	44.098	62.272	93.111	110.055	114.758
128.5	44.395	62.356	92.941	109.844	114.588
129.0	44.691	62.441	92.772	109.632	114.376
129.5	44.946	62.568	92.475	109.293	114.122
130.0	45.157	62.653	92.179	109.081	113.868
130.5	45.369	62.738	91.840	108.827	113.571
131.0	45.496	62.865	91.501	108.446	113.275
131.5	45.666	62.992	91.162	108.107	112.978
132.0	45.835	63.119	90.781	107.895	112.724
132.5	45.920	63.161	90.357	107.471	112.343
133.0	46.047	63.204	90.188	107.090	111.877
133.5	46.089	63.161	89.934	106.794	111.665
134.0	46.132	63.076	89.764	106.455	111.369
134.5	46.259	62.907	89.552	106.073	110.818
135.0	46.386	62.780	89.298	105.565	110.394
135.5	46.344	62.441	89.086	105.226	110.055
136.0	46.428	62.399	88.790	104.803	109.632
136.5	46.513	62.272	88.578	104.337	109.208
137.0	46.555	62.060	88.239	103.955	108.742
137.5	46.598	61.848	87.943	103.447	108.319
138.0	46.682	61.721	87.519	103.023	107.810
138.5	46.682	61.551	86.968	102.557	107.429

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-835-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	46.640	61.424	86.333	102.007	106.836
139.5	46.640	61.255	85.570	101.414	106.412
140.0	46.640	61.043	84.723	100.863	105.819
140.5	46.640	60.916	83.961	100.185	105.184
141.0	46.640	60.831	83.113	99.465	104.676
141.5	46.640	60.662	82.266	98.830	104.167
142.0	46.598	60.577	81.461	98.025	103.617
142.5	46.555	60.450	80.614	97.305	102.981
143.0	46.513	60.323	79.809	96.627	102.346
143.5	46.513	60.153	78.877	95.907	101.753
144.0	46.513	59.942	78.072	95.356	101.075
144.5	46.640	59.772	77.268	94.721	100.482
145.0	46.810	59.603	76.378	94.170	99.804
145.5	47.106	59.391	75.573	93.619	99.126
146.0	47.487	59.222	74.811	93.026	98.491
146.5	47.869	59.052	74.175	92.391	97.771
147.0	48.250	58.840	73.455	91.755	97.050
147.5	48.589	58.756	72.904	91.120	96.330
148.0	48.970	58.586	72.311	90.400	95.568
148.5	49.309	58.544	71.845	89.722	94.805
149.0	49.733	58.544	71.337	89.044	94.127
149.5	50.029	58.671	70.871	88.324	93.280
150.0	50.368	58.756	70.405	87.646	92.391
150.5	50.664	58.798	69.897	86.884	91.459
151.0	50.876	58.925	69.219	86.121	90.357
151.5	51.088	58.967	68.499	85.316	89.341
152.0	51.342	59.052	67.821	84.469	88.324
152.5	51.596	59.137	67.186	83.579	87.223
153.0	51.766	59.179	66.508	82.563	86.333
153.5	51.978	59.306	65.788	81.504	85.316
154.0	52.147	59.264	65.152	80.318	84.469
154.5	52.359	59.306	64.601	79.174	83.622
155.0	52.444	59.391	64.051	77.861	82.986
155.5	52.613	59.433	63.500	76.632	82.309
156.0	52.740	59.433	63.119	75.319	81.716
156.5	52.952	59.433	62.738	74.006	80.953
157.0	53.037	59.518	62.356	72.820	80.233
157.5	53.164	59.518	62.102	71.676	79.428
158.0	53.333	59.476	61.975	70.490	78.666
158.5	53.376	59.476	61.806	69.515	77.776
159.0	53.587	59.349	61.679	68.583	77.013
159.5	53.757	59.264	61.467	67.694	76.166
160.0	53.969	59.179	61.255	66.974	75.319
160.5	54.223	59.137	61.085	66.296	74.514
161.0	54.392	59.010	61.043	65.576	73.709
161.5	54.646	58.967	60.958	64.856	73.116
162.0	54.858	58.883	61.085	64.263	72.608
162.5	55.070	58.883	61.170	63.627	72.015
163.0	55.324	58.840	61.213	62.949	71.506
163.5	55.536	58.840	61.297	62.229	70.871
164.0	55.621	58.840	61.382	61.340	70.278
164.5	55.748	58.756	61.297	60.662	69.515
165.0	55.875	58.756	61.170	59.984	68.753
165.5	56.002	58.713	61.043	59.518	67.948
166.0	56.129	58.671	60.958	59.010	66.720
166.5	56.256	58.671	60.831	58.586	66.126

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-835-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	56.426	58.671	60.704	58.205	65.660
167.5	56.510	58.671	60.450	57.866	65.195
168.0	56.637	58.671	60.238	57.527	64.813
168.5	56.892	58.501	59.942	57.231	64.347
169.0	57.019	58.544	59.730	56.934	63.881
169.5	57.231	58.417	59.391	56.595	63.373
170.0	57.315	58.374	59.094	56.171	62.907
170.5	57.442	58.290	58.713	55.706	62.399
171.0	57.527	58.205	58.290	55.197	61.763
171.5	57.654	58.205	57.908	54.731	61.255
172.0	57.866	58.120	57.697	54.265	60.492
172.5	57.993	58.120	57.442	53.757	59.645
173.0	58.162	58.035	57.231	53.291	58.205
173.5	58.374	58.078	57.146	52.825	56.044
174.0	58.544	58.078	57.103	52.444	53.376
174.5	58.671	58.078	57.019	52.062	50.199
175.0	58.925	58.205	56.976	51.766	46.598
175.5	59.010	58.247	56.934	51.639	42.828
176.0	59.179	58.332	56.934	51.512	40.371
176.5	59.222	58.374	56.892	51.512	38.634
177.0	59.391	58.459	56.807	51.385	36.855
177.5	59.433	58.459	56.680	51.342	36.473
178.0	59.603	58.544	56.637	51.300	36.558
178.5	59.688	58.586	56.680	51.215	36.643
179.0	59.772	58.586	56.637	51.088	36.685
179.5	59.857	58.586	56.595	51.046	36.728
180.0	53.672	53.672	53.672	53.672	53.672

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-835-HE-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	484.99	N.A.	11.70
0-30	1016.21	N.A.	24.50
0-40	1632.4	N.A.	39.40
0-60	2762.63	N.A.	66.70
0-80	3441.75	N.A.	83.10
0-90	3612.54	N.A.	87.30
10-90	3486.1	N.A.	84.20
20-40	1147.42	N.A.	27.70
20-50	1754.21	N.A.	42.40
40-70	1532.83	N.A.	37.00
60-80	679.11	N.A.	16.40
70-80	276.51	N.A.	6.70
80-90	170.80	N.A.	4.10
90-110	199.49	N.A.	4.80
90-120	283.47	N.A.	6.80
90-130	360.77	N.A.	8.70
90-150	473.62	N.A.	11.40
90-180	527.57	N.A.	12.70
110-180	328.08	N.A.	7.90
0-180	4140.11	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	126.44
10-20	358.55
20-30	531.22
30-40	616.19
40-50	606.80
50-60	523.43
60-70	402.60
70-80	276.51
80-90	170.80
90-100	109.43
100-110	90.06
110-120	83.98
120-130	77.29
130-140	64.95
140-150	47.90
150-160	31.32
160-170	17.26
170-180	5.38

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-835-HE-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

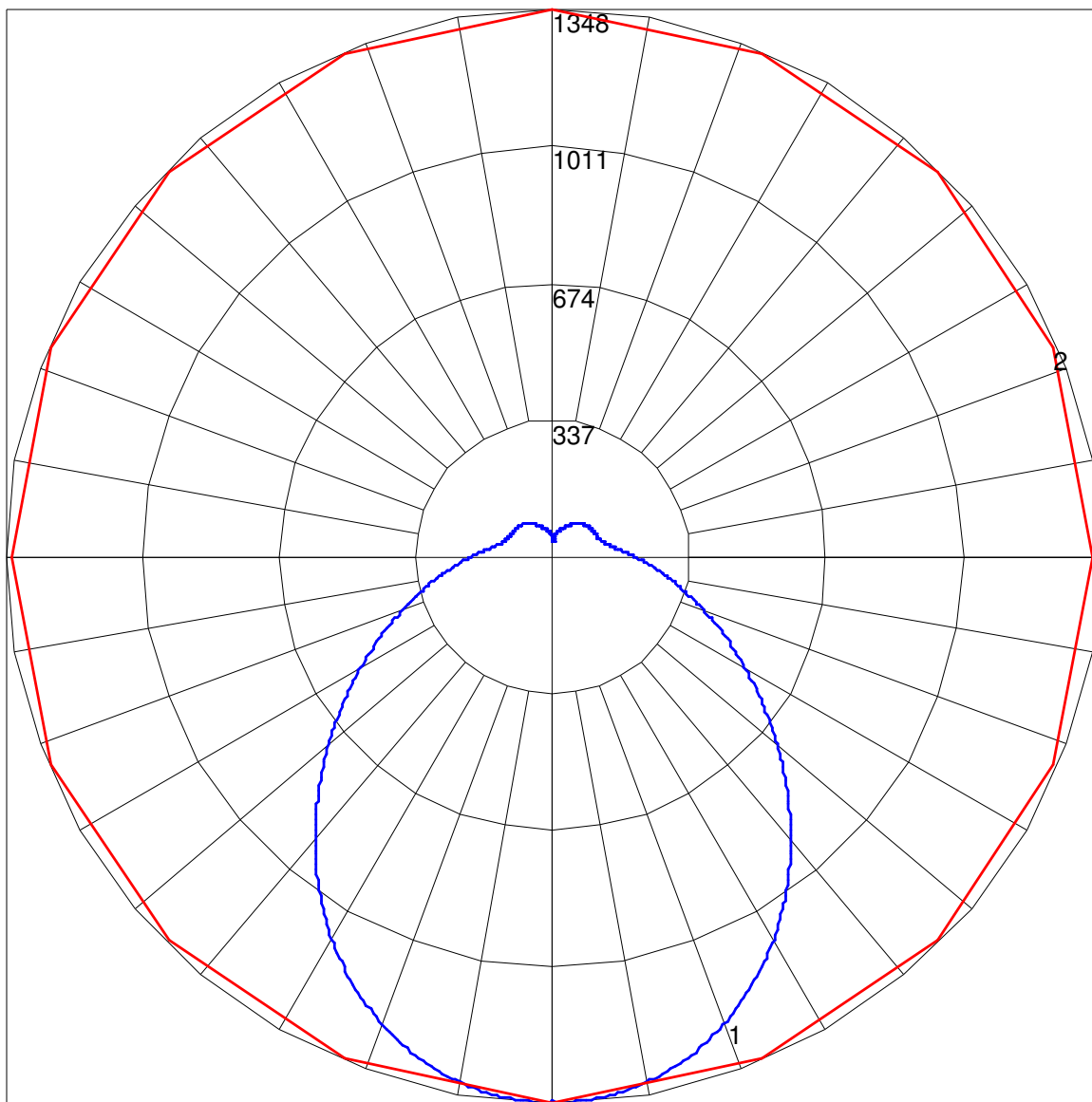
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-835-HE-DIM-UNV_.IES

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	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	23.5	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 = 1347.946 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.)