

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L42-850-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-L42-850-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	4389
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	191
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	18643	16838	16889
55	16004	14353	14826
65	13267	12219	13213
75	10337	10570	12351
85	6800	10183	13049

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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	1420.292	1420.292	1420.292	1420.292	1420.292
0.5	1413.556	1418.945	1419.843	1419.394	1428.823
1.0	1413.556	1419.394	1419.394	1418.945	1428.374
1.5	1412.209	1419.394	1418.945	1418.496	1428.823
2.0	1411.760	1418.047	1418.945	1418.047	1427.476
2.5	1411.760	1418.047	1417.598	1417.598	1426.578
3.0	1410.413	1416.699	1416.699	1416.699	1425.680
3.5	1409.515	1415.352	1415.352	1415.801	1424.782
4.0	1408.617	1414.454	1414.454	1414.005	1423.884
4.5	1406.372	1413.107	1413.556	1413.107	1422.537
5.0	1405.025	1411.760	1411.760	1411.760	1421.190
5.5	1403.228	1409.964	1409.964	1410.413	1419.394
6.0	1402.330	1407.719	1408.168	1408.168	1417.598
6.5	1399.187	1405.923	1406.372	1406.372	1415.352
7.0	1397.391	1403.678	1404.127	1403.678	1413.556
7.5	1395.595	1400.983	1401.881	1401.881	1411.311
8.0	1393.350	1399.187	1399.187	1399.187	1408.168
8.5	1391.105	1396.044	1396.942	1396.942	1405.474
9.0	1387.512	1393.799	1394.248	1393.799	1402.330
9.5	1385.267	1390.656	1390.656	1390.656	1400.534
10.0	1381.675	1387.063	1387.063	1387.961	1396.942
10.5	1378.532	1383.920	1384.369	1384.369	1393.799
11.0	1375.388	1380.777	1381.226	1380.777	1390.207
11.5	1371.347	1377.185	1378.083	1377.185	1387.063
12.0	1367.755	1373.143	1374.041	1374.041	1383.022
12.5	1364.163	1369.102	1370.449	1369.551	1379.430
13.0	1360.121	1365.510	1366.408	1365.959	1375.388
13.5	1356.080	1361.019	1361.917	1361.917	1371.796
14.0	1351.141	1356.529	1357.427	1357.427	1366.857
14.5	1347.099	1352.039	1352.937	1352.937	1363.265
15.0	1343.058	1347.548	1347.997	1347.997	1357.876
15.5	1338.119	1342.160	1343.507	1343.507	1352.488
16.0	1332.730	1337.221	1338.568	1338.568	1347.997
16.5	1328.240	1331.832	1333.179	1333.628	1343.058
17.0	1321.953	1325.995	1327.791	1328.240	1337.670
17.5	1316.565	1320.606	1322.403	1322.852	1332.281
18.0	1311.626	1315.218	1316.565	1317.912	1327.342
18.5	1305.788	1309.830	1311.177	1312.075	1321.504
19.0	1299.951	1303.094	1305.339	1306.237	1315.218
19.5	1293.215	1297.706	1299.502	1301.298	1309.381
20.0	1286.031	1290.970	1293.215	1294.562	1303.094
20.5	1278.846	1285.133	1286.929	1288.725	1297.257
21.0	1273.009	1277.948	1279.295	1282.888	1290.970
21.5	1266.273	1271.213	1273.458	1275.254	1284.235
22.0	1259.089	1264.926	1267.171	1268.968	1278.397
22.5	1252.802	1256.844	1259.987	1262.681	1271.662
23.0	1245.169	1249.659	1252.802	1255.497	1264.477
23.5	1237.086	1242.026	1246.067	1248.761	1257.742
24.0	1229.004	1234.392	1238.433	1241.577	1250.557
24.5	1222.268	1226.758	1231.249	1233.943	1242.475
25.0	1214.635	1219.125	1224.064	1226.758	1235.290
25.5	1206.103	1211.491	1215.533	1219.574	1226.758
26.0	1198.020	1202.960	1208.348	1211.940	1220.023
26.5	1189.489	1194.428	1200.715	1203.858	1212.389

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27.0	1180.957	1185.447	1193.081	1197.122	1204.756
27.5	1171.078	1176.916	1184.549	1188.142	1197.122
28.0	1163.894	1168.384	1176.018	1180.059	1188.591
28.5	1154.464	1159.853	1167.486	1171.527	1180.059
29.0	1145.483	1150.872	1158.505	1163.445	1171.976
29.5	1136.054	1141.442	1149.525	1154.464	1162.996
30.0	1126.624	1132.462	1140.544	1146.831	1155.362
30.5	1116.745	1122.583	1132.012	1138.299	1146.382
31.0	1107.316	1113.153	1122.583	1129.318	1136.952
31.5	1097.437	1104.172	1113.602	1120.787	1128.869
32.0	1088.007	1093.845	1104.621	1111.357	1119.440
32.5	1077.679	1083.966	1095.192	1102.376	1110.459
33.0	1067.801	1074.536	1084.864	1093.396	1101.478
33.5	1058.371	1064.658	1075.883	1083.517	1092.049
34.0	1047.145	1054.330	1066.005	1074.536	1083.517
34.5	1036.817	1044.451	1056.575	1064.658	1073.638
35.0	1027.388	1033.674	1047.145	1055.677	1064.208
35.5	1015.264	1023.795	1036.817	1045.798	1054.330
36.0	1005.834	1013.019	1026.939	1035.919	1044.900
36.5	994.159	1002.242	1016.611	1026.490	1035.919
37.0	983.383	991.914	1006.283	1016.162	1026.490
37.5	972.157	980.688	996.404	1007.181	1016.162
38.0	960.931	969.912	985.628	996.854	1005.385
38.5	949.256	958.686	975.300	987.424	995.506
39.0	938.928	947.460	964.523	977.096	987.424
39.5	927.253	937.132	954.195	966.768	976.647
40.0	914.680	925.457	943.419	957.339	966.319
40.5	903.006	914.231	933.091	947.460	956.441
41.0	892.229	903.006	922.314	937.132	946.113
41.5	880.554	891.780	911.537	926.804	936.234
42.0	868.879	880.554	900.760	916.926	926.355
42.5	857.653	868.879	889.535	906.598	916.028
43.0	845.080	857.653	879.207	896.719	906.149
43.5	834.304	845.978	867.981	886.391	896.270
44.0	822.180	834.304	856.755	876.513	885.942
44.5	810.954	823.078	845.529	865.736	875.615
45.0	799.279	811.403	834.753	856.306	866.185
45.5	787.604	800.177	823.976	846.427	856.306
46.0	775.929	788.502	812.301	835.651	845.978
46.5	764.254	776.827	802.422	826.670	836.100
47.0	752.130	765.601	791.196	815.893	826.221
47.5	740.456	753.927	779.971	805.565	815.893
48.0	729.230	742.252	768.745	796.136	805.565
48.5	716.657	731.026	758.417	785.359	795.687
49.0	705.431	718.902	746.742	775.031	785.359
49.5	693.756	707.676	735.965	765.152	775.480
50.0	681.632	696.001	725.188	754.376	765.152
50.5	670.406	684.775	713.963	745.395	755.723
51.0	658.732	673.101	704.084	735.067	745.844
51.5	647.506	661.426	692.858	725.188	735.965
52.0	635.382	650.200	682.081	714.861	726.087
52.5	623.707	638.525	671.754	704.533	716.657
53.0	611.583	627.299	660.977	695.552	706.329
53.5	599.908	616.073	650.649	685.225	696.899
54.0	588.682	604.848	640.321	675.346	687.470
54.5	577.906	593.173	629.993	666.365	678.040

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55.0	566.680	582.396	619.666	656.037	669.508
55.5	557.250	571.170	609.338	646.608	659.181
56.0	546.473	561.291	599.459	637.178	649.751
56.5	535.247	550.964	589.131	627.748	640.770
57.0	524.471	540.636	579.253	618.319	631.341
57.5	513.245	529.859	570.721	609.338	621.013
58.0	502.019	519.082	560.842	599.459	613.379
58.5	491.242	508.305	550.964	590.928	604.399
59.0	480.465	497.529	541.534	583.294	594.969
59.5	469.689	487.201	533.002	573.864	587.784
60.0	458.912	476.424	523.573	564.884	578.804
60.5	448.360	466.096	514.143	556.352	569.823
61.0	437.762	455.769	504.713	547.820	561.291
61.5	427.255	445.531	495.284	539.289	553.209
62.0	416.927	435.383	486.303	531.206	544.677
62.5	406.734	425.324	476.873	523.124	536.595
63.0	396.406	415.311	467.893	514.592	529.410
63.5	386.168	405.432	459.361	506.509	521.327
64.0	376.200	395.688	450.380	497.978	513.245
64.5	366.276	386.168	441.849	489.895	505.162
65.0	356.442	376.604	433.272	481.813	497.529
65.5	346.743	367.264	424.785	473.730	489.446
66.0	336.910	357.924	416.388	465.647	481.813
66.5	327.300	348.809	408.036	458.014	474.179
67.0	317.915	339.783	399.729	449.931	466.545
67.5	308.486	330.892	391.602	442.387	458.912
68.0	299.191	322.226	383.519	434.754	451.727
68.5	290.030	313.605	375.616	427.345	444.228
69.0	280.915	305.073	367.803	419.891	437.134
69.5	271.934	296.721	360.080	412.661	430.084
70.0	262.999	288.504	352.491	405.567	423.079
70.5	254.287	280.376	344.902	398.472	416.164
71.0	245.666	272.339	337.448	391.467	409.339
71.5	237.134	264.481	330.174	384.642	402.603
72.0	228.782	256.578	322.900	377.861	396.047
72.5	220.385	248.944	315.805	371.216	389.536
73.0	212.213	241.355	308.755	364.660	382.980
73.5	204.265	233.856	301.930	358.149	376.604
74.0	196.407	226.582	295.015	351.862	370.183
74.5	188.684	219.263	288.414	345.621	364.121
75.0	181.005	212.123	281.858	339.514	358.239
75.5	173.461	205.163	275.392	333.452	352.266
76.0	166.142	198.338	269.106	327.435	346.429
76.5	158.868	191.602	262.864	321.553	340.592
77.0	151.683	184.912	256.712	315.715	334.934
77.5	144.634	178.401	250.650	310.057	329.321
78.0	137.674	172.025	244.768	304.489	323.798
78.5	130.848	165.738	238.931	298.876	318.320
79.0	124.158	159.631	233.273	293.443	312.931
79.5	117.512	153.569	227.705	288.145	307.543
80.0	110.956	147.597	222.137	282.891	302.424
80.5	104.580	141.805	216.748	277.592	297.215
81.0	98.383	136.102	211.584	272.473	292.141
81.5	92.097	130.534	206.421	267.399	287.067
82.0	86.035	125.101	201.391	262.505	282.172
82.5	80.108	119.757	196.452	257.610	277.368

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83.0	74.270	114.548	191.602	252.895	272.698
83.5	68.478	109.474	186.977	248.091	267.848
84.0	62.820	104.535	182.487	243.556	263.223
84.5	57.207	99.775	178.087	239.065	258.688
85.0	51.818	95.150	173.776	234.620	254.153
85.5	46.430	90.750	169.555	230.309	249.752
86.0	41.131	86.529	165.424	226.088	245.397
86.5	35.878	82.577	161.517	221.867	241.041
87.0	30.714	78.760	157.566	217.871	236.775
87.5	25.550	75.213	153.839	213.830	232.689
88.0	20.431	71.755	150.157	209.923	228.558
88.5	15.267	68.522	146.609	206.061	224.561
89.0	10.552	65.469	143.242	202.334	220.610
89.5	6.691	62.640	139.964	198.742	216.748
90.0	3.996	60.126	136.955	195.329	213.201
90.5	2.829	57.925	134.171	191.917	209.429
91.0	3.009	55.905	131.342	188.459	205.837
91.5	3.592	53.974	128.513	185.181	202.245
92.0	4.266	52.357	125.819	181.858	198.742
92.5	4.984	50.965	123.529	178.670	195.285
93.0	5.703	49.753	121.149	175.662	191.962
93.5	6.466	48.810	118.904	172.698	188.818
94.0	7.274	48.002	116.794	169.914	185.765
94.5	8.038	47.418	114.818	167.085	182.622
95.0	8.801	46.969	112.977	164.301	179.613
95.5	9.520	46.655	111.270	161.652	176.650
96.0	10.103	46.520	109.789	159.092	173.731
96.5	10.687	46.520	108.307	156.713	171.037
97.0	11.226	46.565	106.960	154.422	168.343
97.5	11.810	46.744	105.702	152.222	165.873
98.0	12.304	46.924	104.580	150.067	163.358
98.5	12.887	47.148	103.637	148.001	161.023
99.0	13.471	47.418	102.649	146.070	158.733
99.5	14.100	47.732	101.796	144.229	156.488
100.0	14.638	48.047	101.122	142.523	154.467
100.5	15.267	48.406	100.449	140.862	152.402
101.0	15.806	48.765	99.955	139.290	150.561
101.5	16.345	49.124	99.461	137.808	148.675
102.0	16.839	49.483	99.102	136.416	147.013
102.5	17.333	49.843	98.742	135.114	145.352
103.0	17.827	50.247	98.473	133.812	143.870
103.5	18.365	50.651	98.248	132.689	142.343
104.0	18.949	51.010	98.024	131.657	140.951
104.5	19.533	51.414	97.889	130.669	139.649
105.0	20.072	51.818	97.755	129.771	138.392
105.5	20.566	52.178	97.620	128.828	137.314
106.0	21.149	52.627	97.575	128.019	136.237
106.5	21.688	53.031	97.575	127.256	135.159
107.0	22.227	53.480	97.575	126.538	134.261
107.5	22.721	53.839	97.575	125.999	133.318
108.0	23.350	54.288	97.575	125.370	132.375
108.5	23.933	54.737	97.620	124.921	131.746
109.0	24.517	55.096	97.710	124.337	131.118
109.5	25.146	55.500	97.755	123.933	130.444
110.0	25.775	55.905	97.844	123.484	129.905
110.5	26.403	56.309	97.934	123.080	129.411

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111.0	27.032	56.713	97.979	122.721	128.873
111.5	27.660	57.072	98.024	122.451	128.423
112.0	28.334	57.476	98.114	122.182	127.885
112.5	29.008	57.880	98.204	121.868	127.391
113.0	29.726	58.284	98.338	121.643	127.166
113.5	30.400	58.644	98.338	121.419	126.852
114.0	31.118	59.003	98.428	121.239	126.538
114.5	31.792	59.407	98.518	121.014	126.268
115.0	32.510	59.721	98.608	120.880	126.044
115.5	33.228	60.126	98.608	120.745	125.819
116.0	33.902	60.485	98.742	120.565	125.550
116.5	34.531	60.844	98.832	120.386	125.460
117.0	35.249	61.248	98.922	120.386	125.235
117.5	35.923	61.562	99.012	120.206	125.101
118.0	36.506	61.877	99.102	120.116	124.921
118.5	37.180	62.191	99.147	119.982	124.876
119.0	37.764	62.505	99.236	119.847	124.607
119.5	38.392	62.730	99.326	119.712	124.562
120.0	38.976	62.954	99.281	119.622	124.337
120.5	39.560	63.224	99.326	119.443	124.292
121.0	40.144	63.403	99.416	119.308	124.113
121.5	40.772	63.628	99.371	119.128	124.023
122.0	41.356	63.897	99.371	119.039	123.888
122.5	41.940	64.167	99.416	118.859	123.574
123.0	42.523	64.436	99.371	118.679	123.529
123.5	43.062	64.661	99.281	118.545	123.260
124.0	43.511	64.840	99.281	118.410	123.215
124.5	43.960	65.020	99.281	118.186	123.035
125.0	44.409	65.245	99.191	117.961	122.855
125.5	44.858	65.379	99.102	117.826	122.631
126.0	45.263	65.559	99.057	117.557	122.451
126.5	45.622	65.783	98.967	117.377	122.317
127.0	46.026	65.873	98.877	117.153	122.137
127.5	46.340	66.008	98.742	116.928	121.823
128.0	46.744	66.008	98.697	116.659	121.643
128.5	47.059	66.098	98.518	116.434	121.463
129.0	47.373	66.187	98.338	116.210	121.239
129.5	47.642	66.322	98.024	115.851	120.970
130.0	47.867	66.412	97.710	115.626	120.700
130.5	48.091	66.502	97.350	115.357	120.386
131.0	48.226	66.637	96.991	114.952	120.071
131.5	48.406	66.771	96.632	114.593	119.757
132.0	48.585	66.906	96.228	114.369	119.488
132.5	48.675	66.951	95.779	113.920	119.084
133.0	48.810	66.996	95.599	113.516	118.590
133.5	48.855	66.951	95.330	113.201	118.365
134.0	48.900	66.861	95.150	112.842	118.051
134.5	49.034	66.681	94.926	112.438	117.467
135.0	49.169	66.547	94.656	111.899	117.018
135.5	49.124	66.187	94.432	111.540	116.659
136.0	49.214	66.143	94.117	111.091	116.210
136.5	49.304	66.008	93.893	110.597	115.761
137.0	49.349	65.783	93.534	110.193	115.267
137.5	49.394	65.559	93.219	109.654	114.818
138.0	49.483	65.424	92.770	109.205	114.279
138.5	49.483	65.245	92.186	108.711	113.875

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	49.439	65.110	91.513	108.127	113.246
139.5	49.439	64.930	90.705	107.499	112.797
140.0	49.439	64.706	89.807	106.915	112.168
140.5	49.439	64.571	88.998	106.196	111.495
141.0	49.439	64.481	88.100	105.433	110.956
141.5	49.439	64.302	87.202	104.759	110.417
142.0	49.394	64.212	86.349	103.906	109.833
142.5	49.349	64.077	85.451	103.143	109.160
143.0	49.304	63.942	84.598	102.424	108.486
143.5	49.304	63.763	83.610	101.661	107.858
144.0	49.304	63.538	82.757	101.077	107.139
144.5	49.439	63.359	81.904	100.404	106.511
145.0	49.618	63.179	80.961	99.820	105.792
145.5	49.932	62.954	80.108	99.236	105.074
146.0	50.337	62.775	79.299	98.608	104.400
146.5	50.741	62.595	78.626	97.934	103.637
147.0	51.145	62.371	77.862	97.261	102.873
147.5	51.504	62.281	77.279	96.587	102.110
148.0	51.908	62.101	76.650	95.824	101.302
148.5	52.267	62.056	76.156	95.105	100.494
149.0	52.716	62.056	75.617	94.387	99.775
149.5	53.031	62.191	75.123	93.623	98.877
150.0	53.390	62.281	74.629	92.905	97.934
150.5	53.704	62.326	74.090	92.097	96.946
151.0	53.929	62.461	73.372	91.288	95.779
151.5	54.153	62.505	72.609	90.435	94.701
152.0	54.423	62.595	71.890	89.537	93.623
152.5	54.692	62.685	71.217	88.594	92.456
153.0	54.872	62.730	70.498	87.517	91.513
153.5	55.096	62.865	69.735	86.394	90.435
154.0	55.276	62.820	69.061	85.137	89.537
154.5	55.500	62.865	68.478	83.924	88.639
155.0	55.590	62.954	67.894	82.532	87.966
155.5	55.770	62.999	67.310	81.230	87.247
156.0	55.905	62.999	66.906	79.838	86.618
156.5	56.129	62.999	66.502	78.446	85.810
157.0	56.219	63.089	66.098	77.189	85.047
157.5	56.354	63.089	65.828	75.976	84.194
158.0	56.533	63.044	65.694	74.719	83.385
158.5	56.578	63.044	65.514	73.686	82.442
159.0	56.803	62.910	65.379	72.698	81.634
159.5	56.982	62.820	65.155	71.755	80.736
160.0	57.207	62.730	64.930	70.992	79.838
160.5	57.476	62.685	64.751	70.274	78.985
161.0	57.656	62.550	64.706	69.510	78.132
161.5	57.925	62.505	64.616	68.747	77.503
162.0	58.150	62.416	64.751	68.118	76.964
162.5	58.374	62.416	64.840	67.445	76.336
163.0	58.644	62.371	64.885	66.726	75.797
163.5	58.868	62.371	64.975	65.963	75.123
164.0	58.958	62.371	65.065	65.020	74.495
164.5	59.093	62.281	64.975	64.302	73.686
165.0	59.227	62.281	64.840	63.583	72.878
165.5	59.362	62.236	64.706	63.089	72.025
166.0	59.497	62.191	64.616	62.550	70.723
166.5	59.632	62.191	64.481	62.101	70.094

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	59.811	62.191	64.346	61.697	69.600
167.5	59.901	62.191	64.077	61.338	69.106
168.0	60.036	62.191	63.853	60.979	68.702
168.5	60.305	62.011	63.538	60.664	68.208
169.0	60.440	62.056	63.314	60.350	67.714
169.5	60.664	61.922	62.954	59.991	67.175
170.0	60.754	61.877	62.640	59.542	66.681
170.5	60.889	61.787	62.236	59.048	66.143
171.0	60.979	61.697	61.787	58.509	65.469
171.5	61.113	61.697	61.383	58.015	64.930
172.0	61.338	61.607	61.158	57.521	64.122
172.5	61.473	61.607	60.889	56.982	63.224
173.0	61.652	61.518	60.664	56.488	61.697
173.5	61.877	61.562	60.575	55.994	59.407
174.0	62.056	61.562	60.530	55.590	56.578
174.5	62.191	61.562	60.440	55.186	53.210
175.0	62.461	61.697	60.395	54.872	49.394
175.5	62.550	61.742	60.350	54.737	45.397
176.0	62.730	61.832	60.350	54.602	42.793
176.5	62.775	61.877	60.305	54.602	40.952
177.0	62.954	61.967	60.215	54.468	39.066
177.5	62.999	61.967	60.081	54.423	38.662
178.0	63.179	62.056	60.036	54.378	38.752
178.5	63.269	62.101	60.081	54.288	38.841
179.0	63.359	62.101	60.036	54.153	38.886
179.5	63.448	62.101	59.991	54.108	38.931
180.0	56.892	56.892	56.892	56.892	56.892

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-850-HE-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	514.09	N.A.	11.70
0-30	1077.18	N.A.	24.50
0-40	1730.35	N.A.	39.40
0-60	2928.39	N.A.	66.70
0-80	3648.25	N.A.	83.10
0-90	3829.29	N.A.	87.30
10-90	3695.27	N.A.	84.20
20-40	1216.26	N.A.	27.70
20-50	1859.47	N.A.	42.40
40-70	1624.8	N.A.	37.00
60-80	719.86	N.A.	16.40
70-80	293.10	N.A.	6.70
80-90	181.04	N.A.	4.10
90-110	211.46	N.A.	4.80
90-120	300.48	N.A.	6.80
90-130	382.41	N.A.	8.70
90-150	502.04	N.A.	11.40
90-180	559.23	N.A.	12.70
110-180	347.77	N.A.	7.90
0-180	4388.52	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	134.02
10-20	380.06
20-30	563.10
30-40	653.16
40-50	643.21
50-60	554.84
60-70	426.76
70-80	293.10
80-90	181.04
90-100	116.00
100-110	95.46
110-120	89.02
120-130	81.93
130-140	68.85
140-150	50.78
150-160	33.20
160-170	18.29
170-180	5.70

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-850-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-L42-850-HE-DIM-UNV_.IES

UGR TABLE - CORRECTED

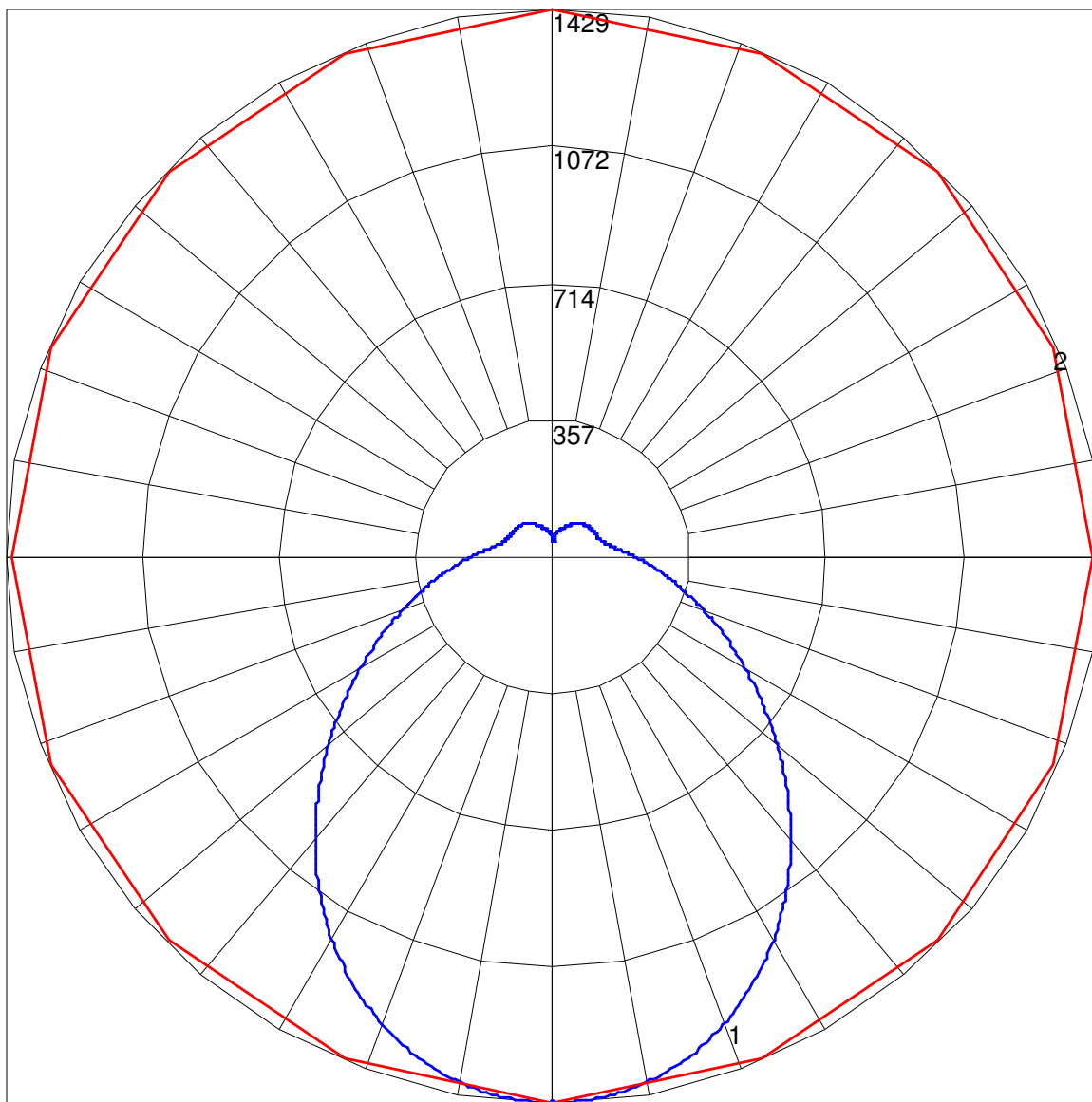
Reflectances

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	19.2	20.6	19.8	21.2	21.8	20.8	22.2	21.4	22.8	23.4
	3H	20.6	21.8	21.2	22.4	23.1	23.0	24.2	23.6	24.8	25.5
	4H	21.0	22.2	21.6	22.8	23.5	24.0	25.2	24.6	25.8	26.5
	6H	21.3	22.4	21.9	23.0	23.7	25.1	26.2	25.7	26.8	27.5
	8H	21.4	22.5	22.0	23.1	23.8	25.7	26.7	26.3	27.4	28.0
	12H	21.5	22.4	22.1	23.1	23.8	26.3	27.3	26.9	27.9	28.6
4H	2H	20.0	21.1	20.6	21.7	22.4	21.2	22.4	21.8	23.0	23.7
	3H	21.6	22.6	22.2	23.2	23.9	23.6	24.6	24.3	25.3	26.0
	4H	22.1	23.0	22.8	23.7	24.4	24.9	25.8	25.5	26.4	27.1
	6H	22.5	23.3	23.2	24.0	24.7	26.2	26.9	26.8	27.6	28.3
	8H	22.7	23.4	23.3	24.1	24.8	26.8	27.6	27.5	28.2	29.0
	12H	22.7	23.4	23.4	24.1	24.8	27.6	28.2	28.2	28.9	29.7
8H	4H	22.7	23.4	23.3	24.1	24.8	25.1	25.8	25.7	26.5	27.2
	6H	23.3	23.9	23.9	24.6	25.3	26.5	27.2	27.2	27.9	28.6
	8H	23.5	24.0	24.2	24.7	25.5	27.3	27.9	28.0	28.6	29.4
	12H	23.6	24.1	24.3	24.8	25.6	28.3	28.8	29.0	29.5	30.3
12H	4H	22.8	23.5	23.5	24.2	24.9	25.1	25.7	25.7	26.4	27.2
	6H	23.5	24.1	24.2	24.8	25.6	26.6	27.1	27.3	27.8	28.6
	8H	23.8	24.3	24.5	25.0	25.8	27.5	28.0	28.2	28.6	29.5

Maximum UGR = 30.3

POLAR GRAPH



Maximum Candela = 1428.823 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.)