

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L42-840-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-L42-840-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	4248
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	135
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	18046	16298	16347
55	15491	13893	14351
65	12842	11827	12790
75	10006	10231	11955
85	6582	9857	12631

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-840-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	1374.761	1374.761	1374.761	1374.761	1374.761
0.5	1368.241	1373.457	1374.326	1373.892	1383.019
1.0	1368.241	1373.892	1373.892	1373.457	1382.584
1.5	1366.937	1373.892	1373.457	1373.022	1383.019
2.0	1366.503	1372.588	1373.457	1372.588	1381.715
2.5	1366.503	1372.588	1372.153	1372.153	1380.846
3.0	1365.199	1371.284	1371.284	1371.284	1379.977
3.5	1364.330	1369.980	1369.980	1370.415	1379.107
4.0	1363.460	1369.111	1369.111	1368.676	1378.238
4.5	1361.287	1367.807	1368.241	1367.807	1376.934
5.0	1359.983	1366.503	1366.503	1366.503	1375.630
5.5	1358.245	1364.764	1364.764	1365.199	1373.892
6.0	1357.375	1362.591	1363.026	1363.026	1372.153
6.5	1354.333	1360.852	1361.287	1361.287	1369.980
7.0	1352.594	1358.679	1359.114	1358.679	1368.241
7.5	1350.856	1356.071	1356.941	1356.941	1366.068
8.0	1348.683	1354.333	1354.333	1354.333	1363.026
8.5	1346.509	1351.290	1352.160	1352.160	1360.418
9.0	1343.032	1349.117	1349.552	1349.117	1357.375
9.5	1340.859	1346.075	1346.075	1346.075	1355.637
10.0	1337.382	1342.598	1342.598	1343.467	1352.160
10.5	1334.340	1339.555	1339.990	1339.990	1349.117
11.0	1331.297	1336.513	1336.947	1336.513	1345.640
11.5	1327.385	1333.036	1333.905	1333.036	1342.598
12.0	1323.908	1329.124	1329.993	1329.993	1338.686
12.5	1320.431	1325.212	1326.516	1325.647	1335.209
13.0	1316.519	1321.735	1322.604	1322.170	1331.297
13.5	1312.608	1317.389	1318.258	1318.258	1327.820
14.0	1307.827	1313.042	1313.912	1313.912	1323.039
14.5	1303.915	1308.696	1309.565	1309.565	1319.562
15.0	1300.003	1304.350	1304.784	1304.784	1314.346
15.5	1295.222	1299.134	1300.438	1300.438	1309.131
16.0	1290.006	1294.353	1295.657	1295.657	1304.784
16.5	1285.660	1289.137	1290.441	1290.876	1300.003
17.0	1279.575	1283.487	1285.225	1285.660	1294.787
17.5	1274.359	1278.271	1280.010	1280.444	1289.572
18.0	1269.578	1273.056	1274.359	1275.663	1284.791
18.5	1263.928	1267.840	1269.144	1270.013	1279.140
19.0	1258.278	1261.320	1263.494	1264.363	1273.056
19.5	1251.758	1256.105	1257.843	1259.582	1267.405
20.0	1244.804	1249.585	1251.758	1253.062	1261.320
20.5	1237.850	1243.935	1245.673	1247.412	1255.670
21.0	1232.200	1236.981	1238.284	1241.762	1249.585
21.5	1225.680	1230.461	1232.634	1234.373	1243.066
22.0	1218.726	1224.376	1226.549	1228.288	1237.415
22.5	1212.641	1216.553	1219.595	1222.203	1230.896
23.0	1205.252	1209.598	1212.641	1215.249	1223.941
23.5	1197.428	1202.210	1206.121	1208.729	1217.422
24.0	1189.605	1194.821	1198.732	1201.775	1210.468
24.5	1183.085	1187.432	1191.778	1194.386	1202.644
25.0	1175.697	1180.043	1184.824	1187.432	1195.690
25.5	1167.438	1172.654	1176.566	1180.478	1187.432
26.0	1159.615	1164.396	1169.612	1173.089	1180.912
26.5	1151.357	1156.138	1162.223	1165.265	1173.523

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-840-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	1143.099	1147.445	1154.834	1158.746	1166.135
27.5	1133.537	1139.187	1146.576	1150.053	1158.746
28.0	1126.582	1130.929	1138.318	1142.229	1150.488
28.5	1117.455	1122.671	1130.060	1133.971	1142.229
29.0	1108.762	1113.978	1121.367	1126.148	1134.406
29.5	1099.635	1104.851	1112.674	1117.455	1125.713
30.0	1090.507	1096.158	1103.981	1110.066	1118.324
30.5	1080.945	1086.596	1095.723	1101.808	1109.632
31.0	1071.818	1077.468	1086.596	1093.115	1100.504
31.5	1062.256	1068.776	1077.903	1084.857	1092.681
32.0	1053.129	1058.779	1069.210	1075.730	1083.553
32.5	1043.132	1049.217	1060.083	1067.037	1074.860
33.0	1033.570	1040.089	1050.086	1058.344	1066.168
33.5	1024.442	1030.527	1041.393	1048.782	1057.040
34.0	1013.576	1020.531	1031.831	1040.089	1048.782
34.5	1003.580	1010.969	1022.704	1030.527	1039.220
35.0	994.452	1000.537	1013.576	1021.835	1030.093
35.5	982.717	990.975	1003.580	1012.273	1020.531
36.0	973.590	980.544	994.018	1002.711	1011.403
36.5	962.289	970.113	984.021	993.583	1002.711
37.0	951.858	960.116	974.024	983.586	993.583
37.5	940.992	949.250	964.462	974.894	983.586
38.0	930.126	938.819	954.031	964.897	973.155
38.5	918.825	927.953	944.034	955.770	963.593
39.0	908.829	917.087	933.603	945.773	955.770
39.5	897.528	907.090	923.606	935.776	945.338
40.0	885.358	895.790	913.175	926.649	935.342
40.5	874.058	884.924	903.178	917.087	925.780
41.0	863.626	874.058	892.747	907.090	915.783
41.5	852.326	863.192	882.316	897.093	906.221
42.0	841.025	852.326	871.884	887.531	896.659
42.5	830.159	841.025	861.018	877.535	886.662
43.0	817.989	830.159	851.022	867.973	877.100
43.5	807.558	818.859	840.156	857.976	867.538
44.0	795.823	807.558	829.290	848.414	857.541
44.5	784.957	796.692	818.424	837.983	847.545
45.0	773.656	785.391	807.993	828.855	838.417
45.5	762.356	774.525	797.561	819.293	828.855
46.0	751.055	763.225	786.261	808.862	818.859
46.5	739.754	751.924	776.699	800.169	809.296
47.0	728.019	741.058	765.833	789.738	799.734
47.5	716.719	729.758	754.967	779.741	789.738
48.0	705.853	718.457	744.101	770.614	779.741
48.5	693.683	707.591	734.104	760.182	770.179
49.0	682.817	695.856	722.803	750.186	760.182
49.5	671.516	684.990	712.372	740.624	750.620
50.0	659.781	673.689	701.941	730.192	740.624
50.5	648.915	662.823	691.075	721.500	731.496
51.0	637.614	651.523	681.513	711.503	721.934
51.5	626.748	640.222	670.647	701.941	712.372
52.0	615.013	629.356	660.216	691.944	702.810
52.5	603.713	618.056	650.219	681.947	693.683
53.0	591.977	607.190	639.788	673.255	683.686
53.5	580.677	596.324	629.791	663.258	674.559
54.0	569.811	585.458	619.794	653.696	665.431
54.5	559.379	574.157	609.798	645.003	656.304

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-840-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	548.514	563.726	599.801	635.007	648.046
55.5	539.386	552.860	589.804	625.879	638.049
56.0	528.955	543.298	580.242	616.752	628.922
56.5	518.089	533.301	570.245	607.624	620.229
57.0	507.658	523.305	560.683	598.497	611.101
57.5	496.792	512.873	552.425	589.804	601.105
58.0	485.926	502.442	542.863	580.242	593.716
58.5	475.494	492.011	533.301	571.984	585.023
59.0	465.063	481.579	524.174	564.595	575.896
59.5	454.632	471.583	515.916	555.468	568.942
60.0	444.200	461.151	506.788	546.775	560.249
60.5	433.986	451.155	497.661	538.517	551.556
61.0	423.729	441.158	488.533	530.259	543.298
61.5	413.558	431.248	479.406	522.001	535.474
62.0	403.562	421.425	470.713	514.177	527.216
62.5	393.695	411.689	461.586	506.354	519.393
63.0	383.699	401.997	452.893	498.095	512.439
63.5	373.789	392.435	444.635	490.272	504.615
64.0	364.140	383.003	435.942	482.014	496.792
64.5	354.534	373.789	427.684	474.190	488.968
65.0	345.016	364.531	419.382	466.367	481.579
65.5	335.628	355.491	411.168	458.543	473.756
66.0	326.109	346.450	403.040	450.720	466.367
66.5	316.808	337.627	394.956	443.331	458.978
67.0	307.724	328.891	386.915	435.508	451.589
67.5	298.597	320.285	379.048	428.206	444.200
68.0	289.599	311.896	371.225	420.817	437.246
68.5	280.733	303.551	363.575	413.645	429.988
69.0	271.910	295.293	356.012	406.430	423.120
69.5	263.217	287.209	348.536	399.433	416.297
70.0	254.568	279.255	341.191	392.565	409.516
70.5	246.136	271.388	333.846	385.698	402.823
71.0	237.791	263.608	326.631	378.918	396.216
71.5	229.532	256.002	319.590	372.311	389.697
72.0	221.448	248.352	312.548	365.748	383.351
72.5	213.320	240.963	305.681	359.315	377.049
73.0	205.410	233.618	298.857	352.970	370.703
73.5	197.717	226.360	292.251	346.668	364.531
74.0	190.111	219.318	285.557	340.583	358.316
74.5	182.635	212.234	279.168	334.541	352.448
75.0	175.203	205.323	272.822	328.630	346.754
75.5	167.901	198.586	266.564	322.762	340.974
76.0	160.816	191.980	260.479	316.938	335.323
76.5	153.775	185.460	254.437	311.244	329.673
77.0	146.821	178.984	248.483	305.594	324.197
77.5	139.997	172.682	242.615	300.118	318.764
78.0	133.260	166.510	236.921	294.728	313.418
78.5	126.654	160.425	231.271	289.295	308.115
79.0	120.177	154.514	225.795	284.036	302.899
79.5	113.745	148.646	220.405	278.907	297.684
80.0	107.399	142.866	215.016	273.822	292.729
80.5	101.227	137.259	209.800	268.693	287.687
81.0	95.229	131.739	204.802	263.739	282.776
81.5	89.144	126.349	199.803	258.827	277.864
82.0	83.277	121.090	194.935	254.090	273.127
82.5	77.539	115.918	190.154	249.352	268.476

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-840-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	71.889	110.876	185.460	244.788	263.956
83.5	66.282	105.965	180.983	240.138	259.262
84.0	60.806	101.184	176.637	235.748	254.785
84.5	55.373	96.577	172.378	231.401	250.395
85.0	50.157	92.100	168.205	227.099	246.005
85.5	44.942	87.840	164.119	222.926	241.746
86.0	39.813	83.755	160.121	218.840	237.530
86.5	34.728	79.930	156.339	214.755	233.314
87.0	29.729	76.236	152.515	210.886	229.185
87.5	24.731	72.802	148.907	206.975	225.230
88.0	19.776	69.455	145.343	203.193	221.231
88.5	14.778	66.326	141.909	199.456	217.363
89.0	10.214	63.370	138.650	195.848	213.538
89.5	6.476	60.632	135.477	192.371	209.800
90.0	3.868	58.198	132.565	189.068	206.366
90.5	2.738	56.068	129.870	185.764	202.715
91.0	2.912	54.112	127.132	182.418	199.238
91.5	3.477	52.244	124.393	179.245	195.761
92.0	4.129	50.679	121.786	176.029	192.371
92.5	4.824	49.331	119.569	172.943	189.024
93.0	5.520	48.158	117.265	170.030	185.808
93.5	6.259	47.245	115.092	167.162	182.765
94.0	7.041	46.463	113.049	164.467	179.810
94.5	7.780	45.898	111.137	161.729	176.767
95.0	8.519	45.463	109.355	159.034	173.855
95.5	9.214	45.159	107.703	156.470	170.987
96.0	9.779	45.029	106.269	153.992	168.162
96.5	10.344	45.029	104.835	151.689	165.554
97.0	10.866	45.072	103.531	149.472	162.946
97.5	11.431	45.246	102.314	147.342	160.555
98.0	11.909	45.420	101.227	145.256	158.121
98.5	12.474	45.637	100.315	143.257	155.861
99.0	13.039	45.898	99.358	141.388	153.645
99.5	13.648	46.202	98.533	139.606	151.471
100.0	14.169	46.506	97.881	137.954	149.516
100.5	14.778	46.854	97.229	136.346	147.516
101.0	15.299	47.202	96.750	134.825	145.734
101.5	15.821	47.549	96.272	133.390	143.909
102.0	16.299	47.897	95.925	132.043	142.301
102.5	16.777	48.245	95.577	130.783	140.692
103.0	17.255	48.636	95.316	129.522	139.258
103.5	17.777	49.027	95.099	128.436	137.780
104.0	18.342	49.375	94.882	127.436	136.433
104.5	18.907	49.766	94.751	126.480	135.173
105.0	19.428	50.157	94.621	125.610	133.956
105.5	19.906	50.505	94.490	124.698	132.912
106.0	20.471	50.940	94.447	123.915	131.869
106.5	20.993	51.331	94.447	123.176	130.826
107.0	21.515	51.765	94.447	122.481	129.957
107.5	21.993	52.113	94.447	121.960	129.044
108.0	22.601	52.548	94.447	121.351	128.131
108.5	23.166	52.982	94.490	120.916	127.523
109.0	23.731	53.330	94.577	120.351	126.914
109.5	24.340	53.721	94.621	119.960	126.262
110.0	24.948	54.112	94.708	119.526	125.741
110.5	25.557	54.504	94.795	119.134	125.263

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-840-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

111.0	26.165	54.895	94.838	118.787	124.741
111.5	26.774	55.243	94.882	118.526	124.307
112.0	27.426	55.634	94.968	118.265	123.785
112.5	28.078	56.025	95.055	117.961	123.307
113.0	28.773	56.416	95.186	117.744	123.090
113.5	29.425	56.764	95.186	117.526	122.785
114.0	30.120	57.111	95.273	117.352	122.481
114.5	30.772	57.503	95.360	117.135	122.220
115.0	31.468	57.807	95.447	117.005	122.003
115.5	32.163	58.198	95.447	116.874	121.786
116.0	32.815	58.546	95.577	116.700	121.525
116.5	33.424	58.893	95.664	116.527	121.438
117.0	34.119	59.285	95.751	116.527	121.221
117.5	34.771	59.589	95.838	116.353	121.090
118.0	35.336	59.893	95.925	116.266	120.916
118.5	35.988	60.197	95.968	116.135	120.873
119.0	36.553	60.502	96.055	116.005	120.612
119.5	37.162	60.719	96.142	115.875	120.569
120.0	37.727	60.936	96.099	115.788	120.351
120.5	38.292	61.197	96.142	115.614	120.308
121.0	38.857	61.371	96.229	115.483	120.134
121.5	39.465	61.588	96.185	115.310	120.047
122.0	40.030	61.849	96.185	115.223	119.917
122.5	40.595	62.110	96.229	115.049	119.612
123.0	41.160	62.371	96.185	114.875	119.569
123.5	41.682	62.588	96.099	114.745	119.308
124.0	42.116	62.762	96.099	114.614	119.265
124.5	42.551	62.936	96.099	114.397	119.091
125.0	42.986	63.153	96.012	114.179	118.917
125.5	43.420	63.283	95.925	114.049	118.700
126.0	43.812	63.457	95.881	113.788	118.526
126.5	44.159	63.675	95.794	113.614	118.395
127.0	44.550	63.761	95.707	113.397	118.222
127.5	44.855	63.892	95.577	113.180	117.917
128.0	45.246	63.892	95.533	112.919	117.744
128.5	45.550	63.979	95.360	112.702	117.570
129.0	45.854	64.066	95.186	112.484	117.352
129.5	46.115	64.196	94.882	112.137	117.092
130.0	46.332	64.283	94.577	111.919	116.831
130.5	46.550	64.370	94.230	111.659	116.527
131.0	46.680	64.500	93.882	111.267	116.222
131.5	46.854	64.631	93.534	110.920	115.918
132.0	47.028	64.761	93.143	110.702	115.657
132.5	47.115	64.805	92.708	110.268	115.266
133.0	47.245	64.848	92.534	109.877	114.788
133.5	47.289	64.805	92.274	109.572	114.571
134.0	47.332	64.718	92.100	109.225	114.266
134.5	47.463	64.544	91.883	108.833	113.701
135.0	47.593	64.413	91.622	108.312	113.267
135.5	47.549	64.066	91.404	107.964	112.919
136.0	47.636	64.022	91.100	107.530	112.484
136.5	47.723	63.892	90.883	107.051	112.050
137.0	47.767	63.675	90.535	106.660	111.572
137.5	47.810	63.457	90.231	106.139	111.137
138.0	47.897	63.327	89.796	105.704	110.615
138.5	47.897	63.153	89.231	105.226	110.224

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-840-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	47.854	63.023	88.579	104.661	109.616
139.5	47.854	62.849	87.797	104.052	109.181
140.0	47.854	62.631	86.928	103.487	108.573
140.5	47.854	62.501	86.145	102.792	107.921
141.0	47.854	62.414	85.276	102.053	107.399
141.5	47.854	62.240	84.407	101.401	106.878
142.0	47.810	62.153	83.581	100.575	106.313
142.5	47.767	62.023	82.712	99.836	105.661
143.0	47.723	61.892	81.886	99.141	105.009
143.5	47.723	61.719	80.930	98.402	104.400
144.0	47.723	61.501	80.104	97.837	103.705
144.5	47.854	61.327	79.278	97.185	103.096
145.0	48.028	61.154	78.365	96.620	102.401
145.5	48.332	60.936	77.539	96.055	101.705
146.0	48.723	60.762	76.757	95.447	101.053
146.5	49.114	60.589	76.105	94.795	100.315
147.0	49.505	60.371	75.366	94.143	99.576
147.5	49.853	60.284	74.801	93.491	98.837
148.0	50.244	60.110	74.193	92.752	98.054
148.5	50.592	60.067	73.715	92.056	97.272
149.0	51.027	60.067	73.193	91.361	96.577
149.5	51.331	60.197	72.715	90.622	95.707
150.0	51.678	60.284	72.237	89.927	94.795
150.5	51.983	60.328	71.715	89.144	93.838
151.0	52.200	60.458	71.020	88.362	92.708
151.5	52.417	60.502	70.281	87.536	91.665
152.0	52.678	60.589	69.586	86.667	90.622
152.5	52.939	60.676	68.934	85.754	89.492
153.0	53.113	60.719	68.238	84.711	88.579
153.5	53.330	60.849	67.499	83.624	87.536
154.0	53.504	60.806	66.847	82.407	86.667
154.5	53.721	60.849	66.282	81.234	85.798
155.0	53.808	60.936	65.717	79.887	85.146
155.5	53.982	60.980	65.152	78.626	84.450
156.0	54.112	60.980	64.761	77.279	83.842
156.5	54.330	60.980	64.370	75.931	83.059
157.0	54.417	61.067	63.979	74.714	82.320
157.5	54.547	61.067	63.718	73.541	81.495
158.0	54.721	61.023	63.588	72.324	80.712
158.5	54.764	61.023	63.414	71.324	79.800
159.0	54.982	60.893	63.283	70.368	79.017
159.5	55.156	60.806	63.066	69.455	78.148
160.0	55.373	60.719	62.849	68.716	77.279
160.5	55.634	60.676	62.675	68.021	76.453
161.0	55.808	60.545	62.631	67.282	75.627
161.5	56.068	60.502	62.544	66.543	75.019
162.0	56.286	60.415	62.675	65.935	74.497
162.5	56.503	60.415	62.762	65.283	73.889
163.0	56.764	60.371	62.805	64.587	73.367
163.5	56.981	60.371	62.892	63.848	72.715
164.0	57.068	60.371	62.979	62.936	72.106
164.5	57.198	60.284	62.892	62.240	71.324
165.0	57.329	60.284	62.762	61.545	70.542
165.5	57.459	60.241	62.631	61.067	69.716
166.0	57.590	60.197	62.544	60.545	68.456
166.5	57.720	60.197	62.414	60.110	67.847

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-840-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	57.894	60.197	62.284	59.719	67.369
167.5	57.981	60.197	62.023	59.372	66.891
168.0	58.111	60.197	61.806	59.024	66.500
168.5	58.372	60.024	61.501	58.720	66.022
169.0	58.502	60.067	61.284	58.415	65.543
169.5	58.720	59.937	60.936	58.068	65.022
170.0	58.807	59.893	60.632	57.633	64.544
170.5	58.937	59.806	60.241	57.155	64.022
171.0	59.024	59.719	59.806	56.633	63.370
171.5	59.154	59.719	59.415	56.155	62.849
172.0	59.372	59.632	59.198	55.677	62.066
172.5	59.502	59.632	58.937	55.156	61.197
173.0	59.676	59.545	58.720	54.677	59.719
173.5	59.893	59.589	58.633	54.199	57.503
174.0	60.067	59.589	58.589	53.808	54.764
174.5	60.197	59.589	58.502	53.417	51.505
175.0	60.458	59.719	58.459	53.113	47.810
175.5	60.545	59.763	58.415	52.982	43.942
176.0	60.719	59.850	58.415	52.852	41.421
176.5	60.762	59.893	58.372	52.852	39.639
177.0	60.936	59.980	58.285	52.722	37.814
177.5	60.980	59.980	58.155	52.678	37.422
178.0	61.154	60.067	58.111	52.635	37.509
178.5	61.241	60.110	58.155	52.548	37.596
179.0	61.327	60.110	58.111	52.417	37.640
179.5	61.414	60.110	58.068	52.374	37.683
180.0	55.069	55.069	55.069	55.069	55.069

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-840-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	497.61	N.A.	11.70
0-30	1042.65	N.A.	24.50
0-40	1674.88	N.A.	39.40
0-60	2834.51	N.A.	66.70
0-80	3531.3	N.A.	83.10
0-90	3706.54	N.A.	87.30
10-90	3576.81	N.A.	84.20
20-40	1177.27	N.A.	27.70
20-50	1799.86	N.A.	42.40
40-70	1572.71	N.A.	37.00
60-80	696.78	N.A.	16.40
70-80	283.70	N.A.	6.70
80-90	175.24	N.A.	4.10
90-110	204.68	N.A.	4.80
90-120	290.85	N.A.	6.80
90-130	370.15	N.A.	8.70
90-150	485.95	N.A.	11.40
90-180	541.30	N.A.	12.70
110-180	336.62	N.A.	7.90
0-180	4247.84	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	129.73
10-20	367.88
20-30	545.05
30-40	632.22
40-50	622.59
50-60	537.05
60-70	413.08
70-80	283.70
80-90	175.24
90-100	112.28
100-110	92.40
110-120	86.17
120-130	79.30
130-140	66.64
140-150	49.15
150-160	32.13
160-170	17.70
170-180	5.52

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-840-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-L42-840-DIM-UNV_.IES

UGR TABLE - CORRECTED

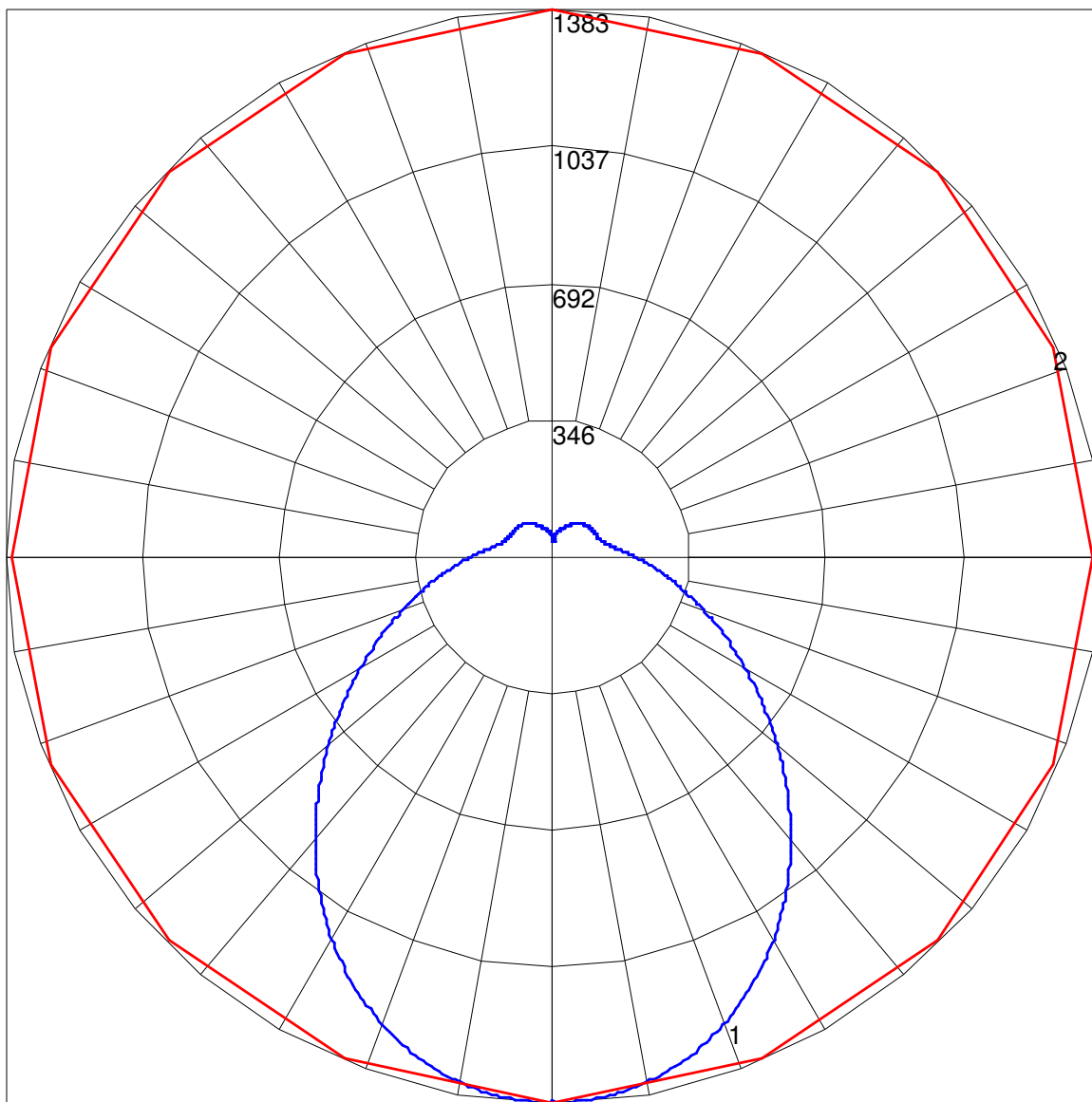
Reflectances

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	19.1	20.5	19.7	21.1	21.7	20.7	22.1	21.3	22.7	23.3
	3H	20.5	21.7	21.1	22.3	23.0	22.9	24.1	23.5	24.7	25.4
	4H	20.9	22.1	21.5	22.7	23.4	23.9	25.1	24.5	25.7	26.4
	6H	21.2	22.3	21.8	22.9	23.6	25.0	26.1	25.6	26.7	27.4
	8H	21.3	22.4	21.9	23.0	23.7	25.6	26.6	26.2	27.3	27.9
	12H	21.4	22.3	22.0	23.0	23.7	26.2	27.2	26.8	27.8	28.5
4H	2H	19.9	21.0	20.5	21.6	22.3	21.1	22.3	21.7	22.9	23.6
	3H	21.5	22.5	22.1	23.1	23.8	23.5	24.5	24.2	25.2	25.9
	4H	22.0	22.9	22.7	23.6	24.3	24.8	25.7	25.4	26.3	27.0
	6H	22.4	23.2	23.1	23.9	24.6	26.1	26.8	26.7	27.5	28.2
	8H	22.6	23.3	23.2	24.0	24.7	26.7	27.5	27.4	28.1	28.9
	12H	22.6	23.3	23.3	24.0	24.7	27.5	28.1	28.1	28.8	29.6
8H	4H	22.6	23.3	23.2	24.0	24.7	25.0	25.7	25.6	26.4	27.1
	6H	23.2	23.8	23.8	24.5	25.2	26.4	27.1	27.1	27.8	28.5
	8H	23.4	23.9	24.1	24.6	25.4	27.2	27.8	27.9	28.5	29.3
	12H	23.5	24.0	24.2	24.7	25.5	28.2	28.7	28.9	29.4	30.2
12H	4H	22.7	23.4	23.4	24.1	24.8	25.0	25.6	25.6	26.3	27.1
	6H	23.4	24.0	24.1	24.7	25.5	26.5	27.0	27.2	27.7	28.5
	8H	23.7	24.2	24.4	24.9	25.7	27.4	27.9	28.1	28.5	29.4

Maximum UGR = 30.2

POLAR GRAPH



Maximum Candela = 1383.019 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.)