

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L42-940-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-L42-940-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	3547
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	113
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	15067	13608	13649
55	12935	11600	11982
65	10722	9875	10679
75	8355	8542	9982
85	5495	8230	10546

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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	1147.859	1147.859	1147.859	1147.859	1147.859
0.5	1142.415	1146.770	1147.496	1147.133	1154.754
1.0	1142.415	1147.133	1147.133	1146.770	1154.391
1.5	1141.326	1147.133	1146.770	1146.407	1154.754
2.0	1140.964	1146.044	1146.770	1146.044	1153.665
2.5	1140.964	1146.044	1145.681	1145.681	1152.939
3.0	1139.875	1144.955	1144.955	1144.955	1152.214
3.5	1139.149	1143.867	1143.867	1144.230	1151.488
4.0	1138.423	1143.141	1143.141	1142.778	1150.762
4.5	1136.609	1142.052	1142.415	1142.052	1149.673
5.0	1135.520	1140.964	1140.964	1140.964	1148.585
5.5	1134.068	1139.512	1139.512	1139.875	1147.133
6.0	1133.343	1137.697	1138.060	1138.060	1145.681
6.5	1130.802	1136.246	1136.609	1136.609	1143.867
7.0	1129.351	1134.431	1134.794	1134.431	1142.415
7.5	1127.899	1132.254	1132.980	1132.980	1140.601
8.0	1126.085	1130.802	1130.802	1130.802	1138.060
8.5	1124.270	1128.262	1128.988	1128.988	1135.883
9.0	1121.367	1126.447	1126.810	1126.447	1133.343
9.5	1119.552	1123.907	1123.907	1123.907	1131.891
10.0	1116.649	1121.004	1121.004	1121.730	1128.988
10.5	1114.109	1118.464	1118.827	1118.827	1126.447
11.0	1111.569	1115.923	1116.286	1115.923	1123.544
11.5	1108.302	1113.020	1113.746	1113.020	1121.004
12.0	1105.399	1109.754	1110.480	1110.480	1117.738
12.5	1102.496	1106.488	1107.577	1106.851	1114.835
13.0	1099.230	1103.585	1104.310	1103.948	1111.569
13.5	1095.964	1099.956	1100.681	1100.681	1108.665
14.0	1091.972	1096.327	1097.052	1097.052	1104.673
14.5	1088.706	1092.698	1093.423	1093.423	1101.770
15.0	1085.440	1089.069	1089.431	1089.431	1097.415
15.5	1081.448	1084.714	1085.802	1085.802	1093.061
16.0	1077.093	1080.722	1081.811	1081.811	1089.431
16.5	1073.464	1076.367	1077.456	1077.819	1085.440
17.0	1068.383	1071.649	1073.101	1073.464	1081.085
17.5	1064.028	1067.294	1068.746	1069.109	1076.730
18.0	1060.036	1062.940	1064.028	1065.117	1072.738
18.5	1055.319	1058.585	1059.674	1060.399	1068.020
19.0	1050.601	1053.141	1054.956	1055.682	1062.940
19.5	1045.157	1048.786	1050.238	1051.690	1058.222
20.0	1039.351	1043.343	1045.157	1046.246	1053.141
20.5	1033.545	1038.625	1040.077	1041.528	1048.424
21.0	1028.827	1032.819	1033.908	1036.811	1043.343
21.5	1023.383	1027.375	1029.190	1030.641	1037.899
22.0	1017.577	1022.295	1024.109	1025.561	1033.182
22.5	1012.496	1015.762	1018.303	1020.480	1027.738
23.0	1006.327	1009.956	1012.496	1014.674	1021.932
23.5	999.795	1003.787	1007.053	1009.230	1016.488
24.0	993.262	997.617	1000.883	1003.424	1010.682
24.5	987.819	991.448	995.077	997.254	1004.150
25.0	981.650	985.279	989.271	991.448	998.343
25.5	974.754	979.109	982.375	985.642	991.448
26.0	968.222	972.214	976.569	979.472	986.004
26.5	961.327	965.319	970.400	972.940	979.835

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CANDELA TABULATION - (Cont.)

27.0	954.432	958.061	964.230	967.496	973.666
27.5	946.448	951.166	957.335	960.238	967.496
28.0	940.642	944.271	950.440	953.706	960.601
28.5	933.021	937.376	943.545	946.811	953.706
29.0	925.763	930.118	936.287	940.279	947.174
29.5	918.142	922.497	929.029	933.021	939.916
30.0	910.521	915.239	921.771	926.851	933.747
30.5	902.537	907.255	914.876	919.956	926.489
31.0	894.916	899.634	907.255	912.698	918.868
31.5	886.932	892.376	899.997	905.803	912.335
32.0	879.311	884.029	892.739	898.182	904.714
32.5	870.965	876.045	885.118	890.924	897.456
33.0	862.981	868.424	876.771	883.666	890.198
33.5	855.360	860.440	869.513	875.682	882.577
34.0	846.287	852.094	861.529	868.424	875.682
34.5	837.940	844.110	853.908	860.440	867.698
35.0	830.320	835.400	846.287	853.182	860.077
35.5	820.521	827.416	837.940	845.199	852.094
36.0	812.900	818.707	829.957	837.215	844.473
36.5	803.465	809.997	821.610	829.594	837.215
37.0	794.755	801.650	813.263	821.247	829.594
37.5	785.683	792.578	805.279	813.989	821.247
38.0	776.610	783.868	796.570	805.642	812.537
38.5	767.175	774.796	788.223	798.021	804.554
39.0	758.828	765.723	779.513	789.675	798.021
39.5	749.392	757.376	771.167	781.328	789.312
40.0	739.231	747.941	762.457	773.707	780.965
40.5	729.796	738.868	754.110	765.723	772.981
41.0	721.086	729.796	745.400	757.376	764.634
41.5	711.651	720.723	736.691	749.030	756.650
42.0	702.215	711.651	727.981	741.046	748.667
42.5	693.143	702.215	718.909	732.699	740.320
43.0	682.981	693.143	710.562	724.715	732.336
43.5	674.272	683.707	701.489	716.368	724.352
44.0	664.473	674.272	692.417	708.385	716.005
44.5	655.401	665.199	683.344	699.675	707.659
45.0	645.965	655.764	674.635	692.054	700.038
45.5	636.530	646.691	665.925	684.070	692.054
46.0	627.094	637.256	656.490	675.360	683.707
46.5	617.659	627.820	648.506	668.102	675.723
47.0	607.861	618.748	639.433	659.393	667.739
47.5	598.425	609.312	630.361	651.046	659.393
48.0	589.353	599.877	621.288	643.425	651.046
48.5	579.191	590.804	612.941	634.715	643.062
49.0	570.119	581.006	603.506	626.369	634.715
49.5	560.683	571.933	594.796	618.385	626.732
50.0	550.885	562.498	586.087	609.675	618.385
50.5	541.813	553.425	577.014	602.417	610.764
51.0	532.377	543.990	569.030	594.070	602.780
51.5	523.305	534.554	559.958	586.087	594.796
52.0	513.506	525.482	551.248	577.740	586.812
52.5	504.071	516.046	542.901	569.393	579.191
53.0	494.272	506.974	534.192	562.135	570.845
53.5	484.837	497.901	525.845	553.788	563.224
54.0	475.764	488.829	517.498	545.804	555.603
54.5	467.055	479.393	509.151	538.546	547.982

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55.0	457.982	470.684	500.805	530.200	541.087
55.5	450.361	461.611	492.458	522.579	532.740
56.0	441.652	453.627	484.474	514.958	525.119
56.5	432.579	445.281	476.127	507.337	517.861
57.0	423.869	436.934	468.143	499.716	510.240
57.5	414.797	428.224	461.248	492.458	501.893
58.0	405.724	419.515	453.264	484.474	495.724
58.5	397.015	410.805	445.281	477.579	488.466
59.0	388.305	402.095	437.660	471.410	480.845
59.5	379.595	393.749	430.765	463.789	475.039
60.0	370.886	385.039	423.144	456.531	467.781
60.5	362.358	376.692	415.523	449.635	460.523
61.0	353.793	368.345	407.902	442.740	453.627
61.5	345.301	360.071	400.281	435.845	447.095
62.0	336.954	351.870	393.023	429.313	440.200
62.5	328.717	343.741	385.402	422.781	433.668
63.0	320.370	335.648	378.144	415.886	427.861
63.5	312.096	327.664	371.249	409.353	421.329
64.0	304.039	319.789	363.991	402.458	414.797
64.5	296.019	312.096	357.095	395.926	408.265
65.0	288.072	304.366	350.164	389.394	402.095
65.5	280.233	296.817	343.305	382.862	395.563
66.0	272.285	289.269	336.519	376.329	389.394
66.5	264.519	281.902	329.769	370.160	383.224
67.0	256.935	274.608	323.055	363.628	377.055
67.5	249.314	267.422	316.487	357.531	370.886
68.0	241.802	260.418	309.955	351.362	365.079
68.5	234.398	253.451	303.567	345.374	359.019
69.0	227.031	246.556	297.253	339.350	353.285
69.5	219.773	239.806	291.011	333.507	347.587
70.0	212.552	233.164	284.878	327.773	341.926
70.5	205.511	226.596	278.745	322.039	336.337
71.0	198.544	220.100	272.721	316.378	330.821
71.5	191.648	213.749	266.842	310.862	325.378
72.0	184.899	207.362	260.963	305.382	320.079
72.5	178.112	201.193	255.229	300.011	314.817
73.0	171.507	195.060	249.531	294.713	309.519
73.5	165.084	188.999	244.015	289.451	304.366
74.0	158.733	183.120	238.427	284.370	299.176
74.5	152.491	177.205	233.092	279.326	294.277
75.0	146.286	171.435	227.794	274.390	289.523
75.5	140.189	165.810	222.568	269.491	284.697
76.0	134.274	160.294	217.487	264.628	279.979
76.5	128.395	154.850	212.443	259.874	275.261
77.0	122.588	149.443	207.471	255.156	270.689
77.5	116.891	144.181	202.572	250.584	266.152
78.0	111.266	139.028	197.818	246.084	261.689
78.5	105.750	133.947	193.100	241.548	257.261
79.0	100.342	129.012	188.528	237.156	252.906
79.5	94.971	124.112	184.028	232.874	248.552
80.0	89.673	119.286	179.528	228.628	244.414
80.5	84.520	114.604	175.173	224.346	240.205
81.0	79.512	109.996	170.999	220.209	236.104
81.5	74.431	105.496	166.826	216.108	232.003
82.0	69.532	101.104	162.762	212.152	228.048
82.5	64.742	96.786	158.770	208.197	224.165

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CANDELA TABULATION - (Cont.)

83.0	60.024	92.576	154.850	204.386	220.390
83.5	55.343	88.475	151.112	200.503	216.471
84.0	50.770	84.484	147.483	196.838	212.733
84.5	46.234	80.637	143.927	193.209	209.068
85.0	41.879	76.899	140.443	189.616	205.402
85.5	37.524	73.342	137.032	186.132	201.846
86.0	33.242	69.931	133.693	182.721	198.326
86.5	28.996	66.738	130.536	179.310	194.806
87.0	24.822	63.653	127.342	176.080	191.358
87.5	20.649	60.786	124.330	172.814	188.056
88.0	16.512	57.992	121.354	169.657	184.717
88.5	12.339	55.379	118.487	166.536	181.487
89.0	8.528	52.911	115.766	163.524	178.294
89.5	5.407	50.625	113.117	160.620	175.173
90.0	3.230	48.593	110.685	157.862	172.306
90.5	2.286	46.814	108.435	155.104	169.257
91.0	2.431	45.181	106.149	152.310	166.354
91.5	2.903	43.621	103.863	149.661	163.451
92.0	3.448	42.314	101.685	146.975	160.620
92.5	4.028	41.189	99.834	144.399	157.826
93.0	4.609	40.210	97.911	141.967	155.141
93.5	5.226	39.447	96.096	139.572	152.600
94.0	5.879	38.794	94.391	137.322	150.133
94.5	6.496	38.322	92.794	135.036	147.592
95.0	7.113	37.960	91.306	132.786	145.161
95.5	7.694	37.706	89.927	130.645	142.766
96.0	8.165	37.597	88.730	128.576	140.407
96.5	8.637	37.597	87.532	126.653	138.229
97.0	9.073	37.633	86.443	124.802	136.052
97.5	9.544	37.778	85.427	123.024	134.056
98.0	9.944	37.923	84.520	121.282	132.024
98.5	10.415	38.105	83.758	119.612	130.137
99.0	10.887	38.322	82.959	118.052	128.286
99.5	11.395	38.576	82.270	116.564	126.471
100.0	11.831	38.831	81.726	115.185	124.838
100.5	12.339	39.121	81.181	113.842	123.169
101.0	12.774	39.411	80.782	112.572	121.681
101.5	13.210	39.701	80.383	111.375	120.157
102.0	13.609	39.992	80.092	110.250	118.814
102.5	14.008	40.282	79.802	109.197	117.471
103.0	14.407	40.609	79.584	108.145	116.274
103.5	14.843	40.935	79.403	107.238	115.040
104.0	15.314	41.226	79.221	106.403	113.915
104.5	15.786	41.552	79.113	105.604	112.862
105.0	16.222	41.879	79.004	104.879	111.846
105.5	16.621	42.169	78.895	104.117	110.975
106.0	17.093	42.532	78.859	103.463	110.104
106.5	17.528	42.859	78.859	102.846	109.233
107.0	17.964	43.222	78.859	102.266	108.508
107.5	18.363	43.512	78.859	101.830	107.746
108.0	18.871	43.875	78.859	101.322	106.983
108.5	19.343	44.238	78.895	100.959	106.475
109.0	19.814	44.528	78.967	100.488	105.967
109.5	20.323	44.855	79.004	100.161	105.423
110.0	20.831	45.181	79.076	99.798	104.988
110.5	21.339	45.508	79.149	99.471	104.588

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CANDELA TABULATION - (Cont.)

111.0	21.847	45.835	79.185	99.181	104.153
111.5	22.355	46.125	79.221	98.963	103.790
112.0	22.899	46.451	79.294	98.746	103.354
112.5	23.443	46.778	79.367	98.492	102.955
113.0	24.024	47.105	79.476	98.310	102.774
113.5	24.568	47.395	79.476	98.129	102.520
114.0	25.149	47.685	79.548	97.984	102.266
114.5	25.693	48.012	79.621	97.802	102.048
115.0	26.274	48.266	79.693	97.693	101.867
115.5	26.855	48.593	79.693	97.584	101.685
116.0	27.399	48.883	79.802	97.439	101.467
116.5	27.907	49.173	79.875	97.294	101.395
117.0	28.488	49.500	79.947	97.294	101.213
117.5	29.032	49.754	80.020	97.149	101.104
118.0	29.504	50.008	80.092	97.076	100.959
118.5	30.048	50.262	80.129	96.967	100.923
119.0	30.520	50.516	80.201	96.859	100.705
119.5	31.028	50.697	80.274	96.750	100.669
120.0	31.500	50.879	80.238	96.677	100.488
120.5	31.972	51.097	80.274	96.532	100.451
121.0	32.443	51.242	80.346	96.423	100.306
121.5	32.951	51.423	80.310	96.278	100.234
122.0	33.423	51.641	80.310	96.205	100.125
122.5	33.895	51.859	80.346	96.060	99.871
123.0	34.367	52.076	80.310	95.915	99.834
123.5	34.802	52.258	80.238	95.806	99.617
124.0	35.165	52.403	80.238	95.697	99.580
124.5	35.528	52.548	80.238	95.516	99.435
125.0	35.891	52.730	80.165	95.334	99.290
125.5	36.254	52.839	80.092	95.225	99.109
126.0	36.581	52.984	80.056	95.008	98.963
126.5	36.871	53.165	79.984	94.863	98.854
127.0	37.197	53.238	79.911	94.681	98.709
127.5	37.451	53.347	79.802	94.500	98.455
128.0	37.778	53.347	79.766	94.282	98.310
128.5	38.032	53.419	79.621	94.100	98.165
129.0	38.286	53.492	79.476	93.919	97.984
129.5	38.504	53.601	79.221	93.629	97.766
130.0	38.685	53.673	78.967	93.447	97.548
130.5	38.867	53.746	78.677	93.229	97.294
131.0	38.976	53.855	78.387	92.903	97.040
131.5	39.121	53.964	78.096	92.613	96.786
132.0	39.266	54.072	77.770	92.431	96.568
132.5	39.339	54.109	77.407	92.068	96.242
133.0	39.447	54.145	77.262	91.742	95.842
133.5	39.484	54.109	77.044	91.488	95.661
134.0	39.520	54.036	76.899	91.197	95.407
134.5	39.629	53.891	76.717	90.871	94.935
135.0	39.738	53.782	76.500	90.435	94.572
135.5	39.701	53.492	76.318	90.145	94.282
136.0	39.774	53.455	76.064	89.782	93.919
136.5	39.847	53.347	75.883	89.383	93.556
137.0	39.883	53.165	75.592	89.056	93.157
137.5	39.919	52.984	75.338	88.621	92.794
138.0	39.992	52.875	74.976	88.258	92.359
138.5	39.992	52.730	74.504	87.859	92.032

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	39.955	52.621	73.959	87.387	91.524
139.5	39.955	52.476	73.306	86.879	91.161
140.0	39.955	52.294	72.580	86.407	90.653
140.5	39.955	52.185	71.927	85.826	90.109
141.0	39.955	52.113	71.201	85.209	89.673
141.5	39.955	51.968	70.476	84.665	89.238
142.0	39.919	51.895	69.786	83.975	88.766
142.5	39.883	51.786	69.060	83.359	88.221
143.0	39.847	51.677	68.371	82.778	87.677
143.5	39.847	51.532	67.572	82.161	87.169
144.0	39.847	51.351	66.883	81.689	86.588
144.5	39.955	51.205	66.193	81.145	86.080
145.0	40.101	51.060	65.431	80.673	85.500
145.5	40.355	50.879	64.742	80.201	84.919
146.0	40.681	50.734	64.088	79.693	84.375
146.5	41.008	50.589	63.544	79.149	83.758
147.0	41.335	50.407	62.927	78.605	83.141
147.5	41.625	50.334	62.455	78.060	82.524
148.0	41.951	50.189	61.947	77.443	81.871
148.5	42.242	50.153	61.548	76.863	81.217
149.0	42.605	50.153	61.113	76.282	80.637
149.5	42.859	50.262	60.713	75.665	79.911
150.0	43.149	50.334	60.314	75.084	79.149
150.5	43.403	50.371	59.879	74.431	78.351
151.0	43.585	50.480	59.298	73.778	77.407
151.5	43.766	50.516	58.681	73.088	76.536
152.0	43.984	50.589	58.101	72.363	75.665
152.5	44.201	50.661	57.556	71.601	74.722
153.0	44.347	50.697	56.976	70.730	73.959
153.5	44.528	50.806	56.359	69.822	73.088
154.0	44.673	50.770	55.814	68.806	72.363
154.5	44.855	50.806	55.343	67.826	71.637
155.0	44.927	50.879	54.871	66.701	71.092
155.5	45.072	50.915	54.399	65.649	70.512
156.0	45.181	50.915	54.072	64.524	70.004
156.5	45.363	50.915	53.746	63.399	69.351
157.0	45.435	50.988	53.419	62.383	68.734
157.5	45.544	50.988	53.201	61.403	68.044
158.0	45.689	50.951	53.093	60.387	67.391
158.5	45.726	50.951	52.947	59.552	66.629
159.0	45.907	50.843	52.839	58.754	65.976
159.5	46.052	50.770	52.657	57.992	65.250
160.0	46.234	50.697	52.476	57.375	64.524
160.5	46.451	50.661	52.330	56.794	63.834
161.0	46.597	50.552	52.294	56.177	63.145
161.5	46.814	50.516	52.222	55.560	62.637
162.0	46.996	50.443	52.330	55.052	62.201
162.5	47.177	50.443	52.403	54.508	61.693
163.0	47.395	50.407	52.439	53.927	61.258
163.5	47.576	50.407	52.512	53.310	60.713
164.0	47.649	50.407	52.584	52.548	60.205
164.5	47.758	50.334	52.512	51.968	59.552
165.0	47.867	50.334	52.403	51.387	58.899
165.5	47.976	50.298	52.294	50.988	58.209
166.0	48.085	50.262	52.222	50.552	57.157
166.5	48.193	50.262	52.113	50.189	56.649

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	48.339	50.262	52.004	49.863	56.250
167.5	48.411	50.262	51.786	49.572	55.851
168.0	48.520	50.262	51.605	49.282	55.524
168.5	48.738	50.117	51.351	49.028	55.125
169.0	48.847	50.153	51.169	48.774	54.726
169.5	49.028	50.044	50.879	48.484	54.290
170.0	49.101	50.008	50.625	48.121	53.891
170.5	49.209	49.935	50.298	47.722	53.455
171.0	49.282	49.863	49.935	47.286	52.911
171.5	49.391	49.863	49.609	46.887	52.476
172.0	49.572	49.790	49.427	46.488	51.822
172.5	49.681	49.790	49.209	46.052	51.097
173.0	49.826	49.718	49.028	45.653	49.863
173.5	50.008	49.754	48.955	45.254	48.012
174.0	50.153	49.754	48.919	44.927	45.726
174.5	50.262	49.754	48.847	44.601	43.004
175.0	50.480	49.863	48.810	44.347	39.919
175.5	50.552	49.899	48.774	44.238	36.689
176.0	50.697	49.972	48.774	44.129	34.585
176.5	50.734	50.008	48.738	44.129	33.097
177.0	50.879	50.080	48.665	44.020	31.572
177.5	50.915	50.080	48.556	43.984	31.246
178.0	51.060	50.153	48.520	43.947	31.318
178.5	51.133	50.189	48.556	43.875	31.391
179.0	51.205	50.189	48.520	43.766	31.427
179.5	51.278	50.189	48.484	43.730	31.464
180.0	45.980	45.980	45.980	45.980	45.980

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-940-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	415.48	N.A.	11.70
0-30	870.56	N.A.	24.50
0-40	1398.44	N.A.	39.40
0-60	2366.68	N.A.	66.70
0-80	2948.46	N.A.	83.10
0-90	3094.78	N.A.	87.30
10-90	2986.46	N.A.	84.20
20-40	982.96	N.A.	27.70
20-50	1502.79	N.A.	42.40
40-70	1313.14	N.A.	37.00
60-80	581.78	N.A.	16.40
70-80	236.88	N.A.	6.70
80-90	146.32	N.A.	4.10
90-110	170.90	N.A.	4.80
90-120	242.85	N.A.	6.80
90-130	309.06	N.A.	8.70
90-150	405.74	N.A.	11.40
90-180	451.96	N.A.	12.70
110-180	281.06	N.A.	7.90
0-180	3546.74	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	108.32
10-20	307.16
20-30	455.09
30-40	527.88
40-50	519.83
50-60	448.41
60-70	344.90
70-80	236.88
80-90	146.32
90-100	93.75
100-110	77.15
110-120	71.95
120-130	66.22
130-140	55.64
140-150	41.04
150-160	26.83
160-170	14.78
170-180	4.60

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-940-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-L42-940-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

X=2H	Y=2H	18.5	19.9	19.1	20.5	21.1	20.1	21.5	20.7	22.1	22.7
	3H	19.9	21.1	20.5	21.7	22.4	22.3	23.5	22.9	24.1	24.8
	4H	20.3	21.5	20.9	22.1	22.8	23.3	24.5	23.9	25.1	25.8
	6H	20.6	21.7	21.2	22.3	23.0	24.4	25.5	25.0	26.1	26.8
	8H	20.7	21.8	21.3	22.4	23.1	25.0	26.0	25.6	26.7	27.3
	12H	20.8	21.7	21.4	22.4	23.1	25.6	26.6	26.2	27.2	27.9

UGR Viewed Endwise

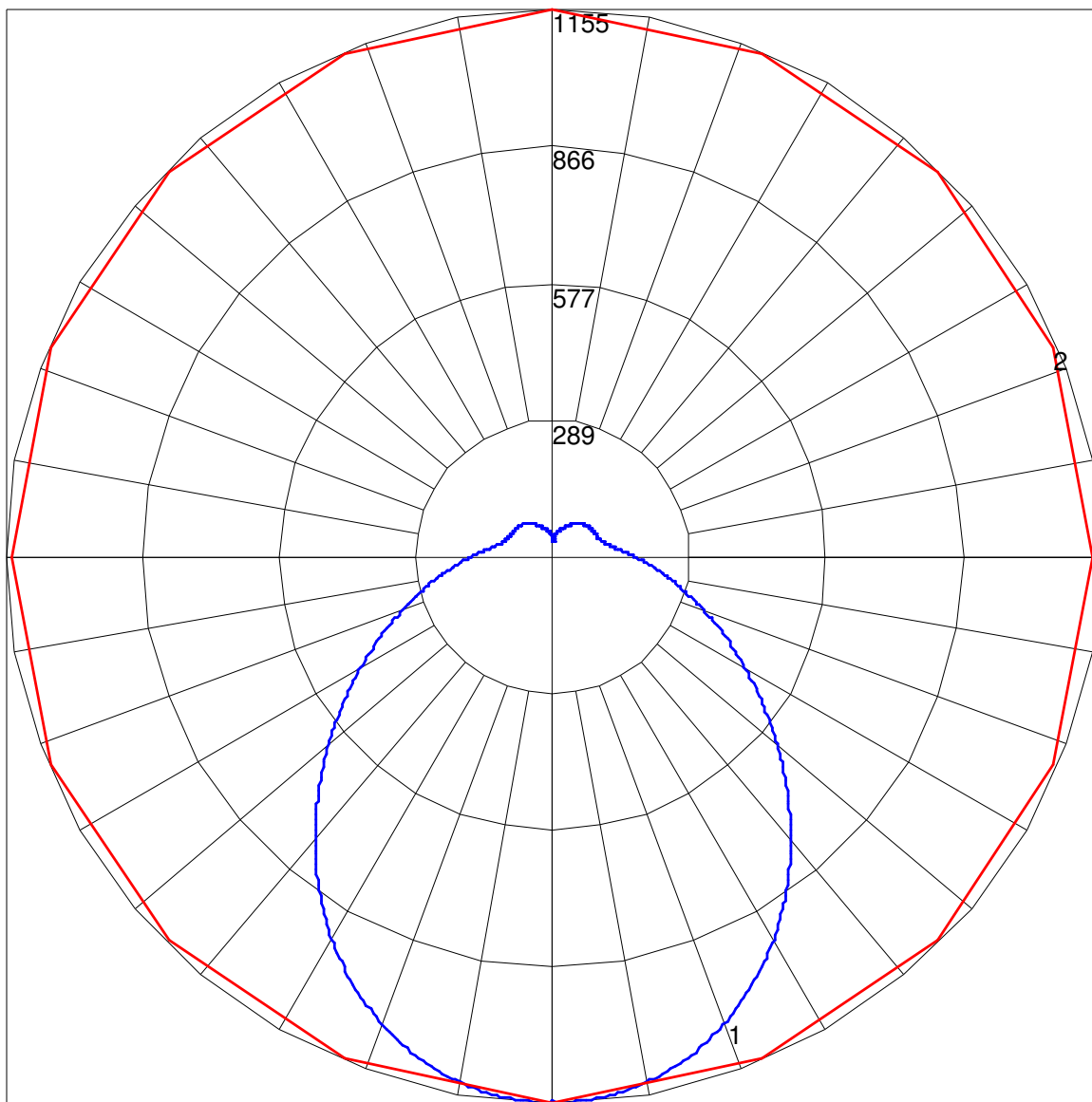
4H	2H	19.3	20.4	19.9	21.0	21.7	20.5	21.7	21.1	22.3	23.0
	3H	20.9	21.9	21.5	22.5	23.2	22.9	23.9	23.6	24.6	25.3
	4H	21.4	22.3	22.1	23.0	23.7	24.2	25.1	24.8	25.7	26.4
	6H	21.8	22.6	22.5	23.3	24.0	25.5	26.2	26.1	26.9	27.6
	8H	22.0	22.7	22.6	23.4	24.1	26.1	26.9	26.8	27.5	28.3
	12H	22.0	22.7	22.7	23.4	24.1	26.9	27.5	27.5	28.2	29.0

8H	4H	22.0	22.7	22.6	23.4	24.1	24.4	25.1	25.0	25.8	26.5
	6H	22.6	23.2	23.2	23.9	24.6	25.8	26.5	26.5	27.2	27.9
	8H	22.8	23.3	23.5	24.0	24.8	26.6	27.2	27.3	27.9	28.7
	12H	22.9	23.4	23.6	24.1	24.9	27.6	28.1	28.3	28.8	29.6

12H	4H	22.1	22.8	22.8	23.5	24.2	24.4	25.0	25.0	25.7	26.5
	6H	22.8	23.4	23.5	24.1	24.9	25.9	26.4	26.6	27.1	27.9
	8H	23.1	23.6	23.8	24.3	25.1	26.8	27.3	27.5	27.9	28.8

Maximum UGR = 29.6

POLAR GRAPH



Maximum Candela = 1154.754 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.)