

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-4-L30-830-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-4-L30-830-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	2887
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	147
Total Luminaire Watts	19.7
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)	3.71 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	6334	5674	5618
55	5485	4857	4932
65	4611	4160	4395
75	3698	3634	4108
85	2712	3575	4341

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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	934.316	934.316	934.316	934.316	934.316
0.5	929.885	933.430	934.021	933.726	939.929
1.0	929.885	933.726	933.726	933.430	939.633
1.5	928.999	933.726	933.430	933.135	939.929
2.0	928.704	932.839	933.430	932.839	939.043
2.5	928.704	932.839	932.544	932.544	938.452
3.0	927.818	931.953	931.953	931.953	937.861
3.5	927.227	931.067	931.067	931.362	937.270
4.0	926.636	930.476	930.476	930.181	936.679
4.5	925.159	929.590	929.885	929.590	935.793
5.0	924.273	928.704	928.704	928.704	934.907
5.5	923.092	927.522	927.522	927.818	933.726
6.0	922.501	926.045	926.341	926.341	932.544
6.5	920.433	924.864	925.159	925.159	931.067
7.0	919.251	923.387	923.682	923.387	929.885
7.5	918.070	921.615	922.205	922.205	928.409
8.0	916.593	920.433	920.433	920.433	926.341
8.5	915.116	918.365	918.956	918.956	924.568
9.0	912.753	916.888	917.184	916.888	922.501
9.5	911.276	914.821	914.821	914.821	921.319
10.0	908.913	912.458	912.458	913.048	918.956
10.5	906.845	910.390	910.685	910.685	916.888
11.0	904.777	908.322	908.617	908.322	914.525
11.5	902.119	905.959	906.550	905.959	912.458
12.0	899.756	903.300	903.891	903.891	909.799
12.5	897.393	900.642	901.528	900.937	907.436
13.0	894.734	898.279	898.870	898.574	904.777
13.5	892.076	895.325	895.916	895.916	902.414
14.0	888.826	892.371	892.962	892.962	899.165
14.5	886.168	889.417	890.008	890.008	896.802
15.0	883.509	886.463	886.759	886.759	893.257
15.5	880.260	882.919	883.805	883.805	889.713
16.0	876.715	879.669	880.555	880.555	886.759
16.5	873.762	876.125	877.011	877.306	883.509
17.0	869.626	872.285	873.466	873.762	879.965
17.5	866.081	868.740	869.921	870.217	876.420
18.0	862.832	865.195	866.081	866.968	873.171
18.5	858.992	861.651	862.537	863.128	869.331
19.0	855.152	857.220	858.697	859.287	865.195
19.5	850.721	853.675	854.857	856.038	861.355
20.0	845.995	849.244	850.721	851.607	857.220
20.5	841.269	845.404	846.586	847.767	853.380
21.0	837.429	840.678	841.564	843.927	849.244
21.5	832.998	836.247	837.724	838.906	844.813
22.0	828.272	832.112	833.589	834.770	840.973
22.5	824.136	826.795	828.862	830.635	836.542
23.0	819.115	822.068	824.136	825.908	831.816
23.5	813.798	817.047	819.705	821.478	827.385
24.0	808.480	812.025	814.684	816.751	822.659
24.5	804.050	807.004	809.957	811.730	817.342
25.0	799.028	801.982	805.231	807.004	812.616
25.5	793.416	796.960	799.619	802.277	807.004
26.0	788.099	791.348	794.893	797.256	802.573
26.5	782.486	785.736	789.871	791.939	797.551

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CANDELA TABULATION - (Cont.)

27.0	776.874	779.828	784.849	787.508	792.529
27.5	770.375	774.215	779.237	781.600	787.508
28.0	765.649	768.603	773.625	776.283	781.895
28.5	759.446	762.991	768.012	770.671	776.283
29.0	753.538	757.083	762.104	765.354	770.966
29.5	747.335	750.880	756.197	759.446	765.058
30.0	741.132	744.972	750.289	754.424	760.037
30.5	734.633	738.473	744.676	748.812	754.129
31.0	728.430	732.270	738.473	742.904	747.926
31.5	721.931	726.362	732.565	737.292	742.609
32.0	715.728	719.568	726.658	731.089	736.406
32.5	708.934	713.070	720.454	725.181	730.498
33.0	702.436	706.867	713.661	719.273	724.590
33.5	696.233	700.368	707.753	712.774	718.387
34.0	688.848	693.574	701.254	706.867	712.774
34.5	682.054	687.075	695.051	700.368	706.276
35.0	675.851	679.986	688.848	694.460	700.073
35.5	667.875	673.488	682.054	687.962	693.574
36.0	661.672	666.398	675.555	681.463	687.371
36.5	653.992	659.309	668.761	675.260	681.463
37.0	646.903	652.515	661.967	668.466	675.260
37.5	639.518	645.130	655.469	662.558	668.466
38.0	632.133	638.041	648.380	655.764	661.377
38.5	624.453	630.656	641.586	649.561	654.878
39.0	617.659	623.271	634.496	642.767	649.561
39.5	609.979	616.477	627.702	635.973	642.472
40.0	601.708	608.797	620.613	629.770	635.678
40.5	594.028	601.413	613.819	623.271	629.179
41.0	586.939	594.028	606.730	616.477	622.385
41.5	579.258	586.643	599.640	609.684	615.887
42.0	571.578	579.258	592.551	603.185	609.388
42.5	564.194	571.578	585.166	596.391	602.594
43.0	555.923	564.194	578.372	589.892	596.096
43.5	548.833	556.513	570.988	583.098	589.597
44.0	540.858	548.833	563.603	576.600	582.803
44.5	533.473	541.449	556.218	569.511	576.009
45.0	525.793	533.768	549.129	563.307	569.806
45.5	518.113	526.384	542.039	556.809	563.307
46.0	510.433	518.704	534.359	549.719	556.513
46.5	502.753	511.023	527.861	543.812	550.015
47.0	494.777	503.639	520.476	536.722	543.516
47.5	487.097	495.959	513.091	529.928	536.722
48.0	479.712	488.279	505.706	523.725	529.928
48.5	471.441	480.894	498.913	516.636	523.430
49.0	464.057	472.918	491.232	509.842	516.636
49.5	456.376	465.534	484.143	503.343	510.137
50.0	448.401	457.853	477.054	496.254	503.343
50.5	441.016	450.469	469.669	490.346	497.140
51.0	433.336	442.789	463.170	483.552	490.642
51.5	425.951	435.108	455.786	477.054	484.143
52.0	417.976	427.724	448.696	470.260	477.644
52.5	410.296	420.044	441.902	463.466	471.441
53.0	402.320	412.659	434.813	457.558	464.647
53.5	394.640	405.274	428.019	450.764	458.444
54.0	387.255	397.889	421.225	444.265	452.241
54.5	380.166	390.209	414.431	438.358	446.038

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CANDELA TABULATION - (Cont.)

55.0	372.781	383.120	407.637	431.564	440.425
55.5	366.578	375.735	400.843	425.361	433.631
56.0	359.489	369.237	394.345	419.157	427.428
56.5	352.104	362.443	387.551	412.954	421.521
57.0	345.015	355.649	381.052	406.751	415.317
57.5	337.630	348.559	375.440	400.843	408.523
58.0	330.245	341.470	368.941	394.345	403.502
58.5	323.156	334.381	362.443	388.732	397.594
59.0	316.067	327.291	356.239	383.711	391.391
59.5	308.977	320.497	350.627	377.508	386.665
60.0	301.888	313.408	344.424	371.600	380.757
60.5	294.946	306.614	338.221	365.987	374.849
61.0	287.975	299.820	332.018	360.375	369.237
61.5	281.063	293.085	325.814	354.763	363.920
62.0	274.269	286.409	319.907	349.446	358.307
62.5	267.564	279.793	313.703	344.129	352.990
63.0	260.770	273.206	307.796	338.516	348.264
63.5	254.035	266.707	302.183	333.199	342.947
64.0	247.477	260.297	296.275	327.587	337.630
64.5	240.949	254.035	290.663	322.270	332.313
65.0	234.480	247.743	285.021	316.953	327.291
65.5	228.100	241.599	279.438	311.636	321.974
66.0	221.631	235.455	273.914	306.319	316.953
66.5	215.309	229.458	268.420	301.297	311.931
67.0	209.136	223.521	262.956	295.980	306.909
67.5	202.932	217.672	257.609	291.018	301.888
68.0	196.818	211.971	252.292	285.996	297.162
68.5	190.792	206.300	247.093	281.122	292.229
69.0	184.796	200.687	241.953	276.219	287.561
69.5	178.888	195.193	236.873	271.463	282.924
70.0	173.010	189.788	231.881	266.796	278.316
70.5	167.279	184.441	226.889	262.128	273.767
71.0	161.607	179.154	221.985	257.520	269.277
71.5	155.995	173.984	217.200	253.030	264.846
72.0	150.501	168.785	212.414	248.570	260.533
72.5	144.977	163.764	207.747	244.198	256.250
73.0	139.601	158.772	203.110	239.886	251.938
73.5	134.373	153.839	198.620	235.603	247.743
74.0	129.203	149.053	194.071	231.467	243.519
74.5	124.123	144.239	189.729	227.361	239.531
75.0	119.071	139.542	185.416	223.344	235.662
75.5	114.109	134.963	181.162	219.356	231.733
76.0	109.294	130.473	177.027	215.398	227.893
76.5	104.509	126.043	172.921	211.528	224.053
77.0	99.783	121.641	168.874	207.688	220.331
77.5	95.145	117.358	164.886	203.966	216.639
78.0	90.566	113.164	161.017	200.303	213.005
78.5	86.076	109.028	157.177	196.611	209.401
79.0	81.675	105.011	153.455	193.037	205.857
79.5	77.303	101.023	149.792	189.551	202.312
80.0	72.991	97.094	146.129	186.095	198.945
80.5	68.796	93.284	142.584	182.610	195.518
81.0	64.720	89.532	139.187	179.242	192.180
81.5	60.584	85.870	135.790	175.904	188.842
82.0	56.597	82.295	132.482	172.685	185.623
82.5	52.697	78.780	129.233	169.465	182.462

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CANDELA TABULATION - (Cont.)

83.0	48.857	75.354	126.043	166.363	179.390
83.5	45.047	72.016	123.000	163.203	176.200
84.0	41.325	68.767	120.046	160.219	173.157
84.5	37.633	65.636	117.151	157.265	170.174
85.0	34.088	62.593	114.316	154.341	167.190
85.5	30.543	59.698	111.539	151.505	164.296
86.0	27.058	56.922	108.821	148.729	161.430
86.5	23.602	54.322	106.252	145.952	158.565
87.0	20.205	51.811	103.652	143.323	155.759
87.5	16.808	49.478	101.200	140.664	153.071
88.0	13.440	47.203	98.778	138.094	150.353
88.5	10.043	45.076	96.445	135.554	147.724
89.0	6.942	43.068	94.229	133.102	145.125
89.5	4.401	41.207	92.073	130.739	142.584
90.0	2.629	39.553	90.094	128.494	140.251
90.5	1.861	38.105	88.262	126.249	137.770
91.0	1.979	36.776	86.401	123.975	135.406
91.5	2.363	35.506	84.540	121.819	133.043
92.0	2.806	34.442	82.768	119.633	130.739
92.5	3.279	33.527	81.262	117.535	128.465
93.0	3.751	32.729	79.696	115.556	126.279
93.5	4.254	32.109	78.219	113.607	124.211
94.0	4.785	31.577	76.831	111.775	122.203
94.5	5.287	31.193	75.531	109.914	120.135
95.0	5.790	30.898	74.320	108.083	118.156
95.5	6.262	30.691	73.197	106.340	116.206
96.0	6.646	30.602	72.223	104.656	114.286
96.5	7.030	30.602	71.248	103.091	112.514
97.0	7.385	30.632	70.362	101.584	110.741
97.5	7.769	30.750	69.535	100.137	109.117
98.0	8.094	30.868	68.796	98.719	107.463
98.5	8.478	31.016	68.176	97.360	105.927
99.0	8.862	31.193	67.526	96.090	104.420
99.5	9.275	31.400	66.965	94.879	102.943
100.0	9.630	31.607	66.522	93.757	101.614
100.5	10.043	31.843	66.079	92.664	100.255
101.0	10.398	32.079	65.754	91.630	99.044
101.5	10.752	32.316	65.429	90.655	97.803
102.0	11.077	32.552	65.192	89.739	96.710
102.5	11.402	32.788	64.956	88.883	95.618
103.0	11.727	33.054	64.779	88.026	94.643
103.5	12.081	33.320	64.631	87.288	93.638
104.0	12.465	33.556	64.483	86.608	92.723
104.5	12.849	33.822	64.395	85.958	91.866
105.0	13.204	34.088	64.306	85.368	91.039
105.5	13.529	34.324	64.218	84.747	90.330
106.0	13.913	34.620	64.188	84.215	89.621
106.5	14.267	34.885	64.188	83.713	88.912
107.0	14.622	35.181	64.188	83.241	88.321
107.5	14.947	35.417	64.188	82.886	87.701
108.0	15.360	35.713	64.188	82.473	87.081
108.5	15.744	36.008	64.218	82.177	86.667
109.0	16.128	36.244	64.277	81.793	86.254
109.5	16.542	36.510	64.306	81.527	85.811
110.0	16.955	36.776	64.365	81.232	85.456
110.5	17.369	37.042	64.424	80.966	85.131

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CANDELA TABULATION - (Cont.)

111.0	17.782	37.308	64.454	80.730	84.777
111.5	18.196	37.544	64.483	80.553	84.481
112.0	18.639	37.810	64.543	80.375	84.127
112.5	19.082	38.076	64.602	80.169	83.802
113.0	19.555	38.342	64.690	80.021	83.654
113.5	19.998	38.578	64.690	79.873	83.447
114.0	20.470	38.814	64.749	79.755	83.241
114.5	20.914	39.080	64.808	79.607	83.063
115.0	21.386	39.287	64.867	79.519	82.916
115.5	21.859	39.553	64.867	79.430	82.768
116.0	22.302	39.789	64.956	79.312	82.591
116.5	22.715	40.025	65.015	79.194	82.532
117.0	23.188	40.291	65.074	79.194	82.384
117.5	23.631	40.498	65.133	79.076	82.295
118.0	24.015	40.705	65.192	79.017	82.177
118.5	24.458	40.911	65.222	78.928	82.148
119.0	24.842	41.118	65.281	78.839	81.971
119.5	25.256	41.266	65.340	78.751	81.941
120.0	25.640	41.414	65.311	78.692	81.793
120.5	26.024	41.591	65.340	78.574	81.764
121.0	26.408	41.709	65.399	78.485	81.646
121.5	26.821	41.857	65.370	78.367	81.587
122.0	27.205	42.034	65.370	78.308	81.498
122.5	27.589	42.211	65.399	78.190	81.291
123.0	27.973	42.388	65.370	78.071	81.262
123.5	28.328	42.536	65.311	77.983	81.084
124.0	28.623	42.654	65.311	77.894	81.055
124.5	28.919	42.772	65.311	77.746	80.937
125.0	29.214	42.920	65.251	77.599	80.819
125.5	29.509	43.009	65.192	77.510	80.671
126.0	29.775	43.127	65.163	77.333	80.553
126.5	30.012	43.275	65.104	77.215	80.464
127.0	30.277	43.334	65.045	77.067	80.346
127.5	30.484	43.422	64.956	76.919	80.139
128.0	30.750	43.422	64.927	76.742	80.021
128.5	30.957	43.481	64.808	76.594	79.903
129.0	31.164	43.540	64.690	76.447	79.755
129.5	31.341	43.629	64.483	76.210	79.578
130.0	31.488	43.688	64.277	76.063	79.401
130.5	31.636	43.747	64.040	75.886	79.194
131.0	31.725	43.836	63.804	75.620	78.987
131.5	31.843	43.924	63.568	75.383	78.780
132.0	31.961	44.013	63.302	75.236	78.603
132.5	32.020	44.043	63.007	74.940	78.337
133.0	32.109	44.072	62.888	74.674	78.012
133.5	32.138	44.043	62.711	74.468	77.865
134.0	32.168	43.983	62.593	74.231	77.658
134.5	32.257	43.865	62.445	73.965	77.274
135.0	32.345	43.777	62.268	73.611	76.978
135.5	32.316	43.540	62.120	73.375	76.742
136.0	32.375	43.511	61.914	73.079	76.447
136.5	32.434	43.422	61.766	72.754	76.151
137.0	32.463	43.275	61.530	72.489	75.826
137.5	32.493	43.127	61.323	72.134	75.531
138.0	32.552	43.038	61.027	71.839	75.177
138.5	32.552	42.920	60.643	71.514	74.911

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CANDELA TABULATION - (Cont.)

139.0	32.522	42.831	60.200	71.130	74.497
139.5	32.522	42.713	59.669	70.716	74.202
140.0	32.522	42.566	59.078	70.332	73.788
140.5	32.522	42.477	58.546	69.860	73.345
141.0	32.522	42.418	57.955	69.357	72.991
141.5	32.522	42.300	57.365	68.914	72.636
142.0	32.493	42.241	56.803	68.353	72.252
142.5	32.463	42.152	56.213	67.851	71.809
143.0	32.434	42.063	55.651	67.378	71.366
143.5	32.434	41.945	55.001	66.876	70.953
144.0	32.434	41.798	54.440	66.492	70.480
144.5	32.522	41.679	53.879	66.049	70.066
145.0	32.641	41.561	53.259	65.665	69.594
145.5	32.847	41.414	52.697	65.281	69.121
146.0	33.113	41.295	52.166	64.867	68.678
146.5	33.379	41.177	51.723	64.424	68.176
147.0	33.645	41.030	51.221	63.981	67.674
147.5	33.881	40.970	50.836	63.538	67.172
148.0	34.147	40.852	50.423	63.036	66.640
148.5	34.383	40.823	50.098	62.563	66.108
149.0	34.679	40.823	49.744	62.091	65.636
149.5	34.885	40.911	49.419	61.589	65.045
150.0	35.122	40.970	49.094	61.116	64.424
150.5	35.329	41.000	48.739	60.584	63.775
151.0	35.476	41.089	48.267	60.053	63.007
151.5	35.624	41.118	47.764	59.491	62.298
152.0	35.801	41.177	47.292	58.901	61.589
152.5	35.978	41.236	46.849	58.280	60.821
153.0	36.097	41.266	46.376	57.571	60.200
153.5	36.244	41.355	45.874	56.833	59.491
154.0	36.362	41.325	45.431	56.006	58.901
154.5	36.510	41.355	45.047	55.208	58.310
155.0	36.569	41.414	44.663	54.293	57.867
155.5	36.687	41.443	44.279	53.436	57.394
156.0	36.776	41.443	44.013	52.520	56.981
156.5	36.924	41.443	43.747	51.605	56.449
157.0	36.983	41.502	43.481	50.777	55.947
157.5	37.071	41.502	43.304	49.980	55.385
158.0	37.190	41.473	43.215	49.153	54.854
158.5	37.219	41.473	43.097	48.473	54.233
159.0	37.367	41.384	43.009	47.824	53.702
159.5	37.485	41.325	42.861	47.203	53.111
160.0	37.633	41.266	42.713	46.701	52.520
160.5	37.810	41.236	42.595	46.228	51.959
161.0	37.928	41.148	42.566	45.726	51.398
161.5	38.105	41.118	42.507	45.224	50.984
162.0	38.253	41.059	42.595	44.811	50.630
162.5	38.401	41.059	42.654	44.367	50.216
163.0	38.578	41.030	42.684	43.895	49.862
163.5	38.726	41.030	42.743	43.393	49.419
164.0	38.785	41.030	42.802	42.772	49.005
164.5	38.873	40.970	42.743	42.300	48.473
165.0	38.962	40.970	42.654	41.827	47.942
165.5	39.050	40.941	42.566	41.502	47.380
166.0	39.139	40.911	42.507	41.148	46.524
166.5	39.228	40.911	42.418	40.852	46.110

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L30-830-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	39.346	40.911	42.329	40.586	45.785
167.5	39.405	40.911	42.152	40.350	45.460
168.0	39.494	40.911	42.004	40.114	45.195
168.5	39.671	40.793	41.798	39.907	44.870
169.0	39.759	40.823	41.650	39.700	44.545
169.5	39.907	40.734	41.414	39.464	44.190
170.0	39.966	40.705	41.207	39.169	43.865
170.5	40.055	40.646	40.941	38.844	43.511
171.0	40.114	40.586	40.646	38.489	43.068
171.5	40.202	40.586	40.380	38.164	42.713
172.0	40.350	40.527	40.232	37.839	42.182
172.5	40.439	40.527	40.055	37.485	41.591
173.0	40.557	40.468	39.907	37.160	40.586
173.5	40.705	40.498	39.848	36.835	39.080
174.0	40.823	40.498	39.818	36.569	37.219
174.5	40.911	40.498	39.759	36.303	35.004
175.0	41.089	40.586	39.730	36.097	32.493
175.5	41.148	40.616	39.700	36.008	29.864
176.0	41.266	40.675	39.700	35.919	28.151
176.5	41.295	40.705	39.671	35.919	26.940
177.0	41.414	40.764	39.612	35.831	25.699
177.5	41.443	40.764	39.523	35.801	25.433
178.0	41.561	40.823	39.494	35.772	25.492
178.5	41.620	40.852	39.523	35.713	25.551
179.0	41.679	40.852	39.494	35.624	25.581
179.5	41.739	40.852	39.464	35.594	25.610
180.0	37.426	37.426	37.426	37.426	37.426

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L30-830-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	338.18	N.A.	11.70
0-30	708.61	N.A.	24.50
0-40	1138.28	N.A.	39.40
0-60	1926.39	N.A.	66.70
0-80	2399.94	N.A.	83.10
0-90	2519.04	N.A.	87.30
10-90	2430.87	N.A.	84.20
20-40	800.10	N.A.	27.70
20-50	1223.22	N.A.	42.40
40-70	1068.85	N.A.	37.00
60-80	473.55	N.A.	16.40
70-80	192.81	N.A.	6.70
80-90	119.10	N.A.	4.10
90-110	139.11	N.A.	4.80
90-120	197.67	N.A.	6.80
90-130	251.56	N.A.	8.70
90-150	330.26	N.A.	11.40
90-180	367.88	N.A.	12.70
110-180	228.77	N.A.	7.90
0-180	2886.92	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	88.17
10-20	250.02
20-30	370.43
30-40	429.67
40-50	423.12
50-60	364.99
60-70	280.74
70-80	192.81
80-90	119.10
90-100	76.31
100-110	62.80
110-120	58.56
120-130	53.90
130-140	45.29
140-150	33.40
150-160	21.84
160-170	12.03
170-180	3.75

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L30-830-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
PHOTOMETRIC FILENAME : 75W-4-L30-830-DIM-UNV_.IES

UGR TABLE - CORRECTED

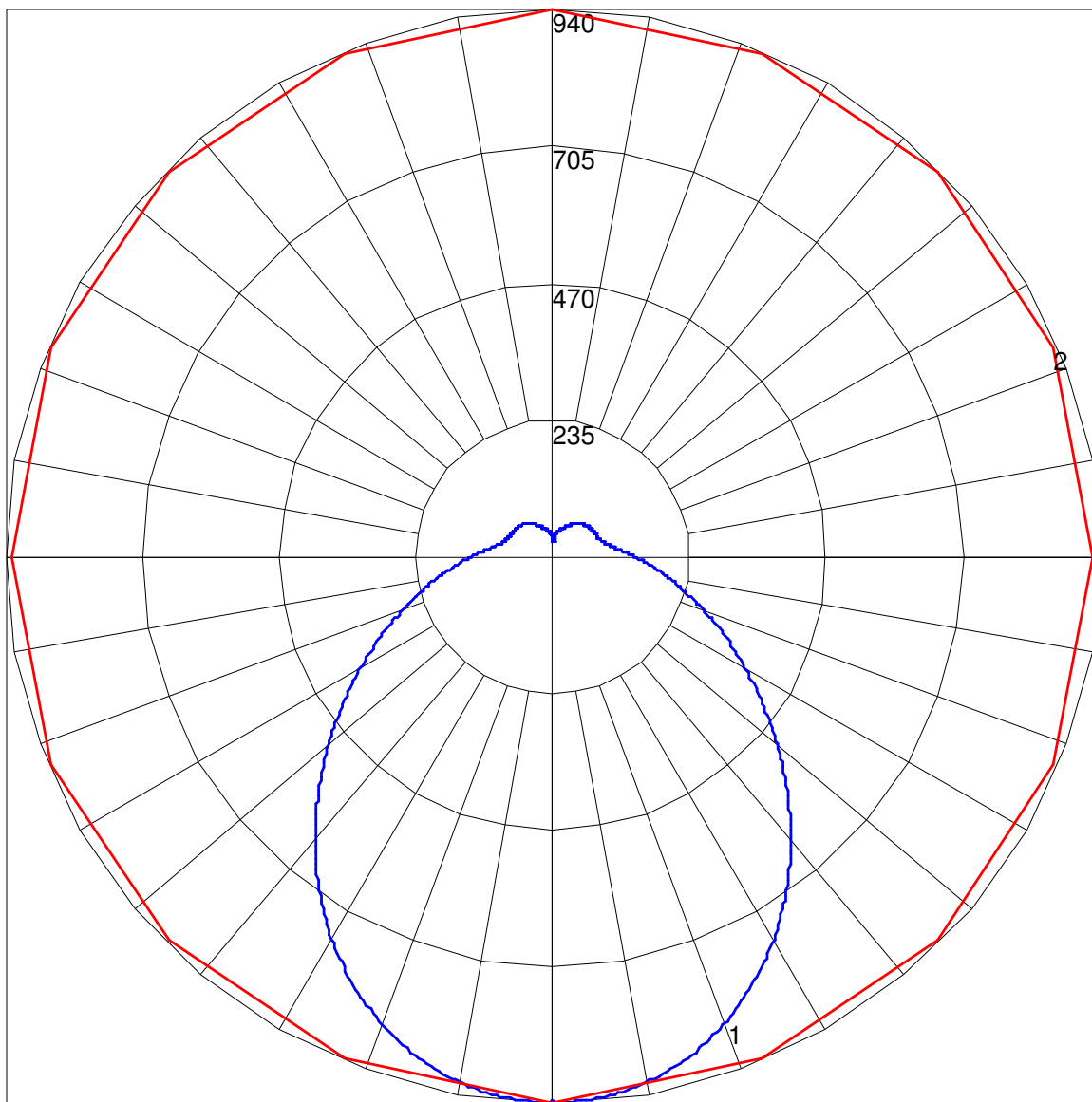
Reflectances

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	15.5	16.9	16.1	17.4	18.0	17.2	18.5	17.7	19.1	19.7
	3H	16.9	18.1	17.4	18.7	19.3	19.4	20.6	19.9	21.2	21.8
	4H	17.3	18.5	17.9	19.1	19.7	20.4	21.6	21.0	22.2	22.9
	6H	17.6	18.7	18.2	19.3	20.0	21.6	22.6	22.2	23.2	23.9
	8H	17.7	18.7	18.3	19.3	20.0	22.1	23.2	22.8	23.8	24.5
	12H	17.7	18.7	18.3	19.3	20.0	22.8	23.8	23.4	24.4	25.1
4H	2H	16.2	17.4	16.8	18.0	18.7	17.6	18.7	18.2	19.3	20.0
	3H	17.8	18.8	18.4	19.4	20.1	20.0	21.0	20.6	21.6	22.3
	4H	18.4	19.3	19.0	19.9	20.7	21.3	22.2	21.9	22.8	23.5
	6H	18.8	19.6	19.5	20.3	21.0	22.6	23.4	23.2	24.0	24.8
	8H	18.9	19.7	19.6	20.3	21.1	23.3	24.0	23.9	24.7	25.4
	12H	19.0	19.7	19.7	20.4	21.1	24.1	24.7	24.7	25.4	26.2
8H	4H	19.0	19.7	19.6	20.4	21.1	21.4	22.2	22.1	22.8	23.6
	6H	19.6	20.2	20.2	20.9	21.6	23.0	23.6	23.6	24.3	25.0
	8H	19.8	20.3	20.4	21.0	21.8	23.8	24.4	24.5	25.1	25.8
	12H	19.9	20.4	20.6	21.1	21.9	24.8	25.3	25.5	26.0	26.8
12H	4H	19.1	19.8	19.8	20.5	21.2	21.5	22.1	22.1	22.8	23.6
	6H	19.8	20.4	20.5	21.1	21.9	23.0	23.6	23.7	24.2	25.0
	8H	20.1	20.6	20.8	21.3	22.1	23.9	24.4	24.6	25.1	25.9

Maximum UGR = 26.8

POLAR GRAPH



Maximum Candela = 939.929 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.)