

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-4-L30-930-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-L30-930-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	2391
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	121
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	5247	4699	4653
55	4543	4023	4085
65	3819	3446	3641
75	3063	3010	3403
85	2247	2961	3595

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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	773.878	773.878	773.878	773.878	773.878
0.5	770.208	773.144	773.634	773.389	778.527
1.0	770.208	773.389	773.389	773.144	778.282
1.5	769.474	773.389	773.144	772.900	778.527
2.0	769.230	772.655	773.144	772.655	777.793
2.5	769.230	772.655	772.410	772.410	777.304
3.0	768.496	771.921	771.921	771.921	776.814
3.5	768.006	771.187	771.187	771.432	776.325
4.0	767.517	770.698	770.698	770.453	775.836
4.5	766.294	769.964	770.208	769.964	775.102
5.0	765.560	769.230	769.230	769.230	774.368
5.5	764.581	768.251	768.251	768.496	773.389
6.0	764.092	767.028	767.272	767.272	772.410
6.5	762.379	766.049	766.294	766.294	771.187
7.0	761.400	764.826	765.070	764.826	770.208
7.5	760.422	763.358	763.847	763.847	768.985
8.0	759.198	762.379	762.379	762.379	767.272
8.5	757.975	760.666	761.156	761.156	765.804
9.0	756.018	759.443	759.688	759.443	764.092
9.5	754.794	757.730	757.730	757.730	763.113
10.0	752.837	755.773	755.773	756.262	761.156
10.5	751.124	754.060	754.305	754.305	759.443
11.0	749.412	752.348	752.592	752.348	757.486
11.5	747.210	750.390	750.880	750.390	755.773
12.0	745.252	748.188	748.678	748.678	753.571
12.5	743.295	745.986	746.720	746.231	751.614
13.0	741.093	744.029	744.518	744.274	749.412
13.5	738.891	741.582	742.072	742.072	747.454
14.0	736.200	739.136	739.625	739.625	744.763
14.5	733.998	736.689	737.178	737.178	742.806
15.0	731.796	734.242	734.487	734.487	739.870
15.5	729.104	731.306	732.040	732.040	736.934
16.0	726.168	728.615	729.349	729.349	734.487
16.5	723.722	725.679	726.413	726.658	731.796
17.0	720.296	722.498	723.477	723.722	728.860
17.5	717.360	719.562	720.541	720.786	725.924
18.0	714.669	716.626	717.360	718.094	723.232
18.5	711.488	713.690	714.424	714.914	720.052
19.0	708.308	710.020	711.244	711.733	716.626
19.5	704.638	707.084	708.063	709.042	713.446
20.0	700.723	703.414	704.638	705.372	710.020
20.5	696.808	700.234	701.212	702.191	706.840
21.0	693.628	696.319	697.053	699.010	703.414
21.5	689.958	692.649	693.873	694.851	699.744
22.0	686.043	689.224	690.447	691.426	696.564
22.5	682.618	684.820	686.533	688.001	692.894
23.0	678.459	680.905	682.618	684.086	688.979
23.5	674.055	676.746	678.948	680.416	685.309
24.0	669.651	672.587	674.789	676.501	681.395
24.5	665.981	668.427	670.874	672.342	676.991
25.0	661.821	664.268	666.959	668.427	673.076
25.5	657.173	660.109	662.311	664.513	668.427
26.0	652.769	655.460	658.396	660.353	664.757
26.5	648.120	650.811	654.237	655.949	660.598

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CANDELA TABULATION - (Cont.)

27.0	643.471	645.918	650.077	652.279	656.439
27.5	638.089	641.269	645.429	647.386	652.279
28.0	634.174	636.621	640.780	642.982	647.631
28.5	629.036	631.972	636.131	638.333	642.982
29.0	624.143	627.079	631.238	633.929	638.578
29.5	619.005	621.941	626.345	629.036	633.685
30.0	613.867	617.047	621.451	624.877	629.525
30.5	608.484	611.665	616.803	620.228	624.632
31.0	603.346	606.527	611.665	615.335	619.494
31.5	597.963	601.633	606.771	610.686	615.090
32.0	592.825	596.006	601.878	605.548	609.952
32.5	587.198	590.623	596.740	600.655	605.059
33.0	581.816	585.486	591.113	595.761	600.165
33.5	576.678	580.103	586.220	590.379	595.027
34.0	570.561	574.476	580.837	585.486	590.379
34.5	564.934	569.093	575.699	580.103	584.996
35.0	559.796	563.221	570.561	575.210	579.858
35.5	553.190	557.838	564.934	569.827	574.476
36.0	548.052	551.966	559.551	564.444	569.338
36.5	541.690	546.094	553.924	559.306	564.444
37.0	535.818	540.467	548.296	553.679	559.306
37.5	529.702	534.350	542.914	548.786	553.679
38.0	523.585	528.478	537.042	543.158	547.807
38.5	517.224	522.362	531.414	538.020	542.424
39.0	511.596	516.245	525.542	532.393	538.020
39.5	505.235	510.618	519.915	526.766	532.148
40.0	498.384	504.256	514.043	521.628	526.521
40.5	492.023	498.140	508.416	516.245	521.138
41.0	486.151	492.023	502.544	510.618	515.511
41.5	479.790	485.906	496.672	504.990	510.128
42.0	473.429	479.790	490.800	499.608	504.746
42.5	467.312	473.429	484.683	493.980	499.118
43.0	460.461	467.312	479.056	488.598	493.736
43.5	454.589	460.951	472.939	482.970	488.353
44.0	447.983	454.589	466.823	477.588	482.726
44.5	441.867	448.473	460.706	471.716	477.099
45.0	435.505	442.111	454.834	466.578	471.961
45.5	429.144	435.995	448.962	461.195	466.578
46.0	422.783	429.633	442.601	455.323	460.951
46.5	416.421	423.272	437.218	450.430	455.568
47.0	409.815	417.155	431.101	444.558	450.185
47.5	403.454	410.794	424.985	438.931	444.558
48.0	397.337	404.433	418.868	433.793	438.931
48.5	390.487	398.316	413.241	427.921	433.548
49.0	384.370	391.710	406.879	422.293	427.921
49.5	378.009	385.593	401.007	416.911	422.538
50.0	371.403	379.232	395.135	411.039	416.911
50.5	365.286	373.116	389.019	406.145	411.773
51.0	358.925	366.754	383.636	400.518	406.390
51.5	352.808	360.393	377.519	395.135	401.007
52.0	346.202	354.276	371.648	389.508	395.625
52.5	339.841	347.915	366.020	383.881	390.487
53.0	333.235	341.798	360.148	378.987	384.859
53.5	326.874	335.682	354.521	373.360	379.721
54.0	320.757	329.565	348.894	367.978	374.584
54.5	314.885	323.204	343.266	363.084	369.446

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55.0	308.768	317.332	337.639	357.457	364.797
55.5	303.630	311.215	332.012	352.319	359.170
56.0	297.758	305.832	326.629	347.181	354.032
56.5	291.642	300.205	321.002	342.043	349.138
57.0	285.770	294.578	315.619	336.905	344.000
57.5	279.653	288.706	310.970	332.012	338.373
58.0	273.536	282.834	305.588	326.629	334.214
58.5	267.665	276.962	300.205	321.980	329.320
59.0	261.793	271.090	295.067	317.821	324.182
59.5	255.921	265.463	290.418	312.683	320.268
60.0	250.049	259.591	285.280	307.790	315.374
60.5	244.299	253.963	280.142	303.141	310.481
61.0	238.525	248.336	275.004	298.492	305.832
61.5	232.800	242.758	269.866	293.844	301.428
62.0	227.172	237.228	264.973	289.440	296.780
62.5	221.618	231.748	259.835	285.036	292.376
63.0	215.991	226.291	254.942	280.387	288.461
63.5	210.413	220.909	250.293	275.983	284.057
64.0	204.981	215.600	245.400	271.334	279.653
64.5	199.574	210.413	240.751	266.931	275.249
65.0	194.216	205.201	236.078	262.527	271.090
65.5	188.931	200.112	231.454	258.123	266.686
66.0	183.573	195.023	226.879	253.719	262.527
66.5	178.337	190.056	222.328	249.559	258.367
67.0	173.223	185.139	217.802	245.155	254.208
67.5	168.085	180.294	213.373	241.045	250.049
68.0	163.021	175.572	208.969	236.886	246.134
68.5	158.030	170.875	204.663	232.849	242.048
69.0	153.063	166.226	200.406	228.787	238.182
69.5	148.170	161.675	196.198	224.848	234.341
70.0	143.301	157.198	192.063	220.982	230.524
70.5	138.554	152.769	187.928	217.117	226.756
71.0	133.857	148.390	183.866	213.300	223.037
71.5	129.208	144.108	179.903	209.581	219.367
72.0	124.657	139.802	175.939	205.886	215.795
72.5	120.082	135.643	172.074	202.265	212.248
73.0	115.629	131.508	168.232	198.693	208.676
73.5	111.299	127.422	164.513	195.146	205.201
74.0	107.017	123.458	160.746	191.720	201.703
74.5	102.809	119.470	157.149	188.319	198.400
75.0	98.625	115.580	153.577	184.992	195.194
75.5	94.514	111.788	150.054	181.689	191.940
76.0	90.526	108.069	146.628	178.410	188.760
76.5	86.563	104.399	143.227	175.205	185.579
77.0	82.648	100.753	139.875	172.025	182.496
77.5	78.807	97.206	136.573	168.942	179.438
78.0	75.015	93.732	133.367	165.908	176.429
78.5	71.296	90.306	130.187	162.850	173.444
79.0	67.650	86.979	127.104	159.889	170.508
79.5	64.029	83.676	124.070	157.002	167.572
80.0	60.457	80.422	121.036	154.140	164.782
80.5	56.983	77.265	118.100	151.252	161.944
81.0	53.606	74.158	115.287	148.463	159.180
81.5	50.181	71.124	112.473	145.699	156.415
82.0	46.878	68.164	109.733	143.032	153.748
82.5	43.648	65.252	107.041	140.365	151.130

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CANDELA TABULATION - (Cont.)

83.0	40.468	62.414	104.399	137.796	148.586
83.5	37.312	59.650	101.879	135.178	145.943
84.0	34.229	56.958	99.432	132.707	143.423
84.5	31.170	54.365	97.034	130.260	140.952
85.0	28.234	51.845	94.686	127.838	138.481
85.5	25.298	49.447	92.386	125.489	136.083
86.0	22.411	47.147	90.135	123.189	133.710
86.5	19.549	44.994	88.006	120.889	131.337
87.0	16.735	42.914	85.853	118.712	129.012
87.5	13.921	40.982	83.823	116.510	126.786
88.0	11.132	39.098	81.816	114.381	124.535
88.5	8.319	37.336	79.883	112.277	122.357
89.0	5.750	35.672	78.048	110.246	120.204
89.5	3.646	34.131	76.262	108.289	118.100
90.0	2.178	32.761	74.623	106.430	116.167
90.5	1.541	31.562	73.106	104.570	114.112
91.0	1.639	30.461	71.565	102.686	112.155
91.5	1.957	29.409	70.023	100.900	110.198
92.0	2.324	28.528	68.555	99.090	108.289
92.5	2.716	27.770	67.308	97.353	106.405
93.0	3.107	27.109	66.011	95.713	104.595
93.5	3.523	26.595	64.788	94.099	102.882
94.0	3.964	26.155	63.638	92.582	101.218
94.5	4.380	25.837	62.561	91.040	99.506
95.0	4.795	25.592	61.558	89.523	97.866
95.5	5.187	25.421	60.628	88.080	96.252
96.0	5.505	25.347	59.821	86.685	94.661
96.5	5.823	25.347	59.013	85.388	93.193
97.0	6.117	25.372	58.279	84.141	91.725
97.5	6.435	25.470	57.594	82.942	90.380
98.0	6.704	25.568	56.983	81.767	89.009
98.5	7.022	25.690	56.469	80.642	87.737
99.0	7.340	25.837	55.931	79.590	86.489
99.5	7.683	26.008	55.466	78.587	85.266
100.0	7.976	26.179	55.099	77.657	84.165
100.5	8.319	26.375	54.732	76.752	83.040
101.0	8.612	26.571	54.463	75.895	82.036
101.5	8.906	26.766	54.193	75.088	81.009
102.0	9.175	26.962	53.998	74.330	80.104
102.5	9.444	27.158	53.802	73.620	79.198
103.0	9.713	27.378	53.655	72.910	78.391
103.5	10.007	27.598	53.533	72.299	77.559
104.0	10.325	27.794	53.411	71.736	76.801
104.5	10.643	28.014	53.337	71.198	76.091
105.0	10.937	28.234	53.264	70.708	75.406
105.5	11.206	28.430	53.190	70.195	74.819
106.0	11.524	28.675	53.166	69.754	74.232
106.5	11.817	28.895	53.166	69.338	73.644
107.0	12.111	29.140	53.166	68.947	73.155
107.5	12.380	29.335	53.166	68.653	72.641
108.0	12.723	29.580	53.166	68.311	72.128
108.5	13.041	29.825	53.190	68.066	71.785
109.0	13.359	30.021	53.239	67.748	71.442
109.5	13.701	30.241	53.264	67.528	71.075
110.0	14.044	30.461	53.313	67.283	70.782
110.5	14.386	30.681	53.362	67.063	70.513

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111.0	14.729	30.901	53.386	66.867	70.219
111.5	15.071	31.097	53.411	66.720	69.974
112.0	15.438	31.317	53.460	66.574	69.681
112.5	15.805	31.537	53.508	66.402	69.412
113.0	16.197	31.758	53.582	66.280	69.289
113.5	16.564	31.953	53.582	66.158	69.118
114.0	16.955	32.149	53.631	66.060	68.947
114.5	17.322	32.369	53.680	65.937	68.800
115.0	17.714	32.541	53.729	65.864	68.678
115.5	18.105	32.761	53.729	65.791	68.555
116.0	18.472	32.956	53.802	65.693	68.409
116.5	18.815	33.152	53.851	65.595	68.360
117.0	19.206	33.372	53.900	65.595	68.237
117.5	19.573	33.544	53.949	65.497	68.164
118.0	19.891	33.715	53.998	65.448	68.066
118.5	20.258	33.886	54.022	65.375	68.042
119.0	20.576	34.057	54.071	65.301	67.895
119.5	20.919	34.180	54.120	65.228	67.870
120.0	21.237	34.302	54.096	65.179	67.748
120.5	21.555	34.449	54.120	65.081	67.724
121.0	21.873	34.547	54.169	65.008	67.626
121.5	22.216	34.669	54.145	64.910	67.577
122.0	22.534	34.816	54.145	64.861	67.503
122.5	22.852	34.963	54.169	64.763	67.332
123.0	23.170	35.110	54.145	64.665	67.308
123.5	23.463	35.232	54.096	64.592	67.161
124.0	23.708	35.330	54.096	64.518	67.136
124.5	23.953	35.428	54.096	64.396	67.038
125.0	24.197	35.550	54.047	64.274	66.941
125.5	24.442	35.623	53.998	64.200	66.818
126.0	24.662	35.721	53.973	64.054	66.720
126.5	24.858	35.844	53.924	63.956	66.647
127.0	25.078	35.892	53.875	63.833	66.549
127.5	25.250	35.966	53.802	63.711	66.378
128.0	25.470	35.966	53.778	63.564	66.280
128.5	25.641	36.015	53.680	63.442	66.182
129.0	25.812	36.064	53.582	63.320	66.060
129.5	25.959	36.137	53.411	63.124	65.913
130.0	26.081	36.186	53.239	63.001	65.766
130.5	26.204	36.235	53.044	62.855	65.595
131.0	26.277	36.308	52.848	62.634	65.424
131.5	26.375	36.382	52.652	62.439	65.252
132.0	26.473	36.455	52.432	62.316	65.106
132.5	26.522	36.480	52.187	62.072	64.885
133.0	26.595	36.504	52.089	61.852	64.616
133.5	26.620	36.480	51.943	61.680	64.494
134.0	26.644	36.431	51.845	61.485	64.323
134.5	26.718	36.333	51.722	61.264	64.005
135.0	26.791	36.259	51.576	60.971	63.760
135.5	26.766	36.064	51.453	60.775	63.564
136.0	26.815	36.039	51.282	60.530	63.320
136.5	26.864	35.966	51.160	60.261	63.075
137.0	26.889	35.844	50.964	60.041	62.806
137.5	26.913	35.721	50.793	59.747	62.561
138.0	26.962	35.648	50.548	59.503	62.267
138.5	26.962	35.550	50.230	59.234	62.047

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139.0	26.938	35.477	49.863	58.916	61.705
139.5	26.938	35.379	49.423	58.573	61.460
140.0	26.938	35.256	48.933	58.255	61.118
140.5	26.938	35.183	48.493	57.863	60.751
141.0	26.938	35.134	48.003	57.448	60.457
141.5	26.938	35.036	47.514	57.081	60.163
142.0	26.913	34.987	47.049	56.616	59.845
142.5	26.889	34.914	46.560	56.200	59.478
143.0	26.864	34.840	46.095	55.808	59.111
143.5	26.864	34.743	45.557	55.392	58.769
144.0	26.864	34.620	45.092	55.074	58.377
144.5	26.938	34.522	44.627	54.707	58.035
145.0	27.036	34.424	44.113	54.389	57.643
145.5	27.207	34.302	43.648	54.071	57.252
146.0	27.427	34.204	43.208	53.729	56.885
146.5	27.647	34.106	42.841	53.362	56.469
147.0	27.867	33.984	42.425	52.995	56.053
147.5	28.063	33.935	42.107	52.628	55.637
148.0	28.283	33.837	41.764	52.212	55.197
148.5	28.479	33.813	41.495	51.820	54.756
149.0	28.724	33.813	41.202	51.429	54.365
149.5	28.895	33.886	40.933	51.013	53.875
150.0	29.091	33.935	40.663	50.621	53.362
150.5	29.262	33.960	40.370	50.181	52.823
151.0	29.384	34.033	39.978	49.741	52.187
151.5	29.507	34.057	39.562	49.276	51.600
152.0	29.654	34.106	39.171	48.786	51.013
152.5	29.800	34.155	38.804	48.273	50.377
153.0	29.898	34.180	38.413	47.685	49.863
153.5	30.021	34.253	37.997	47.074	49.276
154.0	30.118	34.229	37.630	46.389	48.786
154.5	30.241	34.253	37.312	45.728	48.297
155.0	30.290	34.302	36.993	44.970	47.930
155.5	30.388	34.327	36.675	44.260	47.539
156.0	30.461	34.327	36.455	43.502	47.196
156.5	30.583	34.327	36.235	42.743	46.756
157.0	30.632	34.376	36.015	42.058	46.340
157.5	30.706	34.376	35.868	41.397	45.875
158.0	30.803	34.351	35.795	40.712	45.434
158.5	30.828	34.351	35.697	40.150	44.921
159.0	30.950	34.278	35.623	39.611	44.480
159.5	31.048	34.229	35.501	39.098	43.991
160.0	31.170	34.180	35.379	38.682	43.502
160.5	31.317	34.155	35.281	38.290	43.037
161.0	31.415	34.082	35.256	37.874	42.572
161.5	31.562	34.057	35.207	37.458	42.229
162.0	31.684	34.009	35.281	37.116	41.936
162.5	31.807	34.009	35.330	36.749	41.593
163.0	31.953	33.984	35.354	36.357	41.300
163.5	32.076	33.984	35.403	35.941	40.933
164.0	32.125	33.984	35.452	35.428	40.590
164.5	32.198	33.935	35.403	35.036	40.150
165.0	32.271	33.935	35.330	34.645	39.709
165.5	32.345	33.911	35.256	34.376	39.244
166.0	32.418	33.886	35.207	34.082	38.535
166.5	32.492	33.886	35.134	33.837	38.192

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L30-930-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	32.589	33.886	35.061	33.617	37.923
167.5	32.638	33.886	34.914	33.421	37.654
168.0	32.712	33.886	34.791	33.226	37.434
168.5	32.859	33.788	34.620	33.054	37.165
169.0	32.932	33.813	34.498	32.883	36.896
169.5	33.054	33.739	34.302	32.687	36.602
170.0	33.103	33.715	34.131	32.443	36.333
170.5	33.177	33.666	33.911	32.174	36.039
171.0	33.226	33.617	33.666	31.880	35.672
171.5	33.299	33.617	33.446	31.611	35.379
172.0	33.421	33.568	33.323	31.342	34.938
172.5	33.495	33.568	33.177	31.048	34.449
173.0	33.593	33.519	33.054	30.779	33.617
173.5	33.715	33.544	33.005	30.510	32.369
174.0	33.813	33.544	32.981	30.290	30.828
174.5	33.886	33.544	32.932	30.069	28.993
175.0	34.033	33.617	32.908	29.898	26.913
175.5	34.082	33.642	32.883	29.825	24.736
176.0	34.180	33.690	32.883	29.751	23.317
176.5	34.204	33.715	32.859	29.751	22.314
177.0	34.302	33.764	32.810	29.678	21.286
177.5	34.327	33.764	32.736	29.654	21.066
178.0	34.424	33.813	32.712	29.629	21.115
178.5	34.473	33.837	32.736	29.580	21.164
179.0	34.522	33.837	32.712	29.507	21.188
179.5	34.571	33.837	32.687	29.482	21.213
180.0	30.999	30.999	30.999	30.999	30.999

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L30-930-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	280.11	N.A.	11.70
0-30	586.93	N.A.	24.50
0-40	942.82	N.A.	39.40
0-60	1595.6	N.A.	66.70
0-80	1987.83	N.A.	83.10
0-90	2086.48	N.A.	87.30
10-90	2013.45	N.A.	84.20
20-40	662.71	N.A.	27.70
20-50	1013.17	N.A.	42.40
40-70	885.31	N.A.	37.00
60-80	392.23	N.A.	16.40
70-80	159.70	N.A.	6.70
80-90	98.65	N.A.	4.10
90-110	115.22	N.A.	4.80
90-120	163.72	N.A.	6.80
90-130	208.37	N.A.	8.70
90-150	273.55	N.A.	11.40
90-180	304.71	N.A.	12.70
110-180	189.49	N.A.	7.90
0-180	2391.18	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	73.03
10-20	207.09
20-30	306.82
30-40	355.89
40-50	350.47
50-60	302.31
60-70	232.53
70-80	159.70
80-90	98.65
90-100	63.20
100-110	52.02
110-120	48.51
120-130	44.64
130-140	37.51
140-150	27.67
150-160	18.09
160-170	9.97
170-180	3.10

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L30-930-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	87	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-L30-930-DIM-UNV_.IES

UGR TABLE - CORRECTED

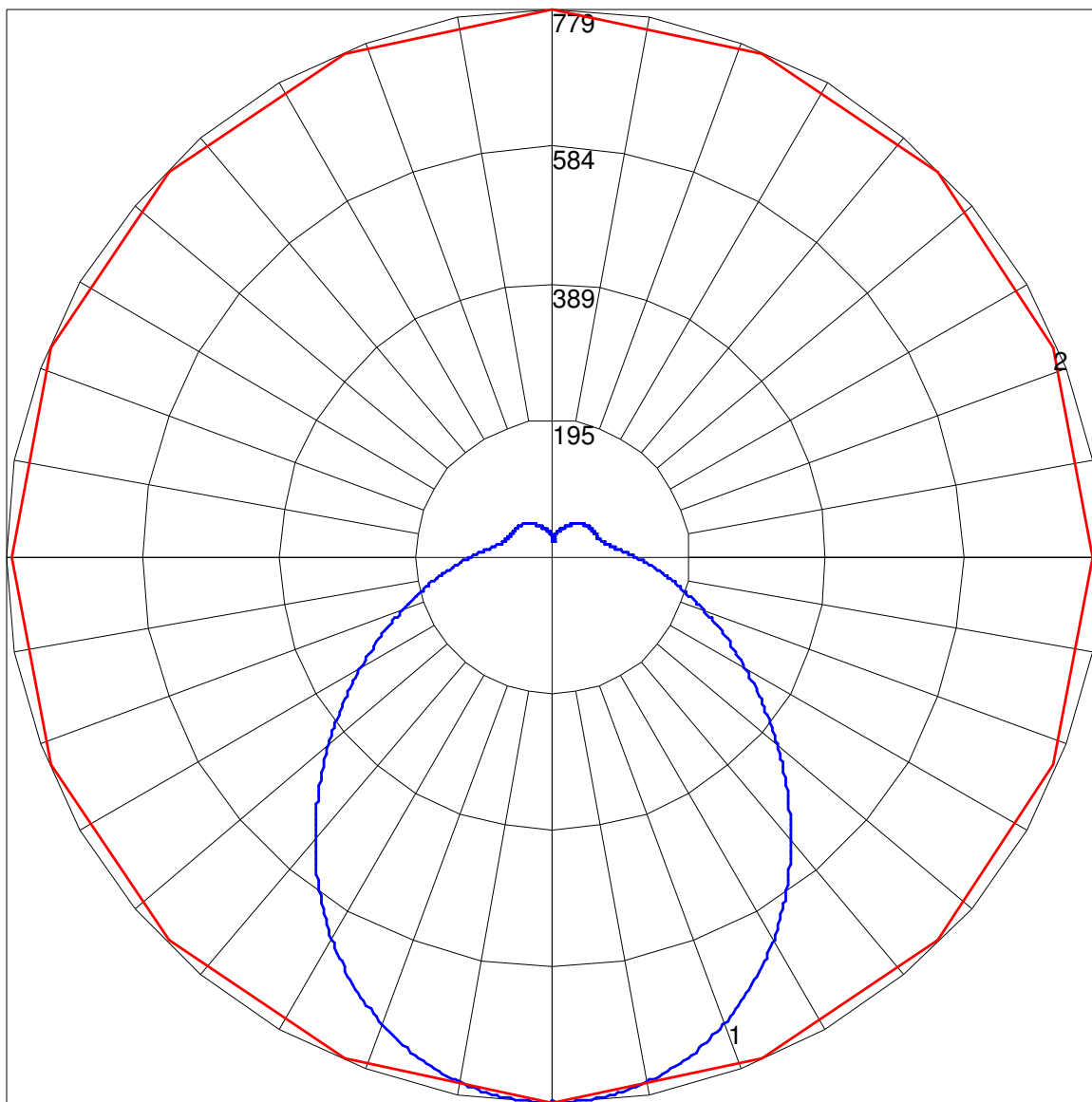
Reflectances

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	14.8	16.2	15.4	16.7	17.3	16.5	17.8	17.0	18.4	19.0
	3H	16.2	17.4	16.7	18.0	18.6	18.7	19.9	19.2	20.5	21.1
	4H	16.6	17.8	17.2	18.4	19.0	19.7	20.9	20.3	21.5	22.2
	6H	16.9	18.0	17.5	18.6	19.3	20.9	21.9	21.5	22.5	23.2
	8H	17.0	18.0	17.6	18.6	19.3	21.4	22.5	22.1	23.1	23.8
	12H	17.0	18.0	17.6	18.6	19.3	22.1	23.1	22.7	23.7	24.4
4H	2H	15.5	16.7	16.1	17.3	18.0	16.9	18.0	17.5	18.6	19.3
	3H	17.1	18.1	17.7	18.7	19.4	19.3	20.3	19.9	20.9	21.6
	4H	17.7	18.6	18.3	19.2	20.0	20.6	21.4	21.2	22.1	22.8
	6H	18.1	18.9	18.8	19.6	20.3	21.9	22.7	22.5	23.3	24.1
	8H	18.2	19.0	18.9	19.6	20.4	22.6	23.3	23.2	24.0	24.7
	12H	18.3	19.0	19.0	19.7	20.4	23.4	24.0	24.0	24.7	25.5
8H	4H	18.3	19.0	18.9	19.7	20.4	20.7	21.5	21.4	22.1	22.9
	6H	18.9	19.5	19.5	20.2	20.9	22.3	22.9	22.9	23.6	24.3
	8H	19.1	19.6	19.7	20.3	21.1	23.1	23.7	23.8	24.4	25.1
	12H	19.2	19.7	19.9	20.4	21.2	24.1	24.6	24.8	25.3	26.1
12H	4H	18.4	19.1	19.1	19.8	20.5	20.8	21.4	21.4	22.1	22.9
	6H	19.1	19.7	19.8	20.4	21.2	22.3	22.9	23.0	23.5	24.3
	8H	19.4	19.9	20.1	20.6	21.4	23.2	23.7	23.9	24.4	25.2

Maximum UGR = 26.1

POLAR GRAPH



Maximum Candela = 778.527 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.)