

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-4-L30-927-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-L30-927-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	2333
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	118
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	5119	4585	4540
55	4432	3925	3985
65	3726	3362	3552
75	2988	2937	3320
85	2192	2889	3508

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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	755.003	755.003	755.003	755.003	755.003
0.5	751.423	754.287	754.765	754.526	759.539
1.0	751.423	754.526	754.526	754.287	759.300
1.5	750.707	754.526	754.287	754.049	759.539
2.0	750.468	753.810	754.287	753.810	758.823
2.5	750.468	753.810	753.571	753.571	758.345
3.0	749.752	753.094	753.094	753.094	757.868
3.5	749.275	752.378	752.378	752.616	757.390
4.0	748.797	751.900	751.900	751.662	756.913
4.5	747.604	751.184	751.423	751.184	756.197
5.0	746.888	750.468	750.468	750.468	755.481
5.5	745.933	749.513	749.513	749.752	754.526
6.0	745.455	748.320	748.558	748.558	753.571
6.5	743.785	747.365	747.604	747.604	752.378
7.0	742.830	746.172	746.410	746.172	751.423
7.5	741.875	744.739	745.217	745.217	750.229
8.0	740.681	743.785	743.785	743.785	748.558
8.5	739.488	742.114	742.591	742.591	747.126
9.0	737.578	740.920	741.159	740.920	745.455
9.5	736.385	739.249	739.249	739.249	744.501
10.0	734.475	737.340	737.340	737.817	742.591
10.5	732.804	735.669	735.907	735.907	740.920
11.0	731.133	733.998	734.237	733.998	739.011
11.5	728.985	732.088	732.566	732.088	737.340
12.0	727.076	729.940	730.417	730.417	735.191
12.5	725.166	727.792	728.508	728.030	733.282
13.0	723.018	725.882	726.360	726.121	731.133
13.5	720.869	723.495	723.973	723.973	729.224
14.0	718.244	721.108	721.586	721.586	726.598
14.5	716.095	718.721	719.199	719.199	724.689
15.0	713.947	716.334	716.573	716.573	721.824
15.5	711.322	713.470	714.186	714.186	718.960
16.0	708.457	710.844	711.560	711.560	716.573
16.5	706.070	707.980	708.696	708.935	713.947
17.0	702.728	704.877	705.831	706.070	711.083
17.5	699.864	702.012	702.967	703.206	708.218
18.0	697.238	699.148	699.864	700.580	705.593
18.5	694.135	696.284	697.000	697.477	702.490
19.0	691.032	692.703	693.897	694.374	699.148
19.5	687.452	689.839	690.793	691.748	696.045
20.0	683.632	686.258	687.452	688.168	692.703
20.5	679.813	683.155	684.110	685.065	689.600
21.0	676.710	679.336	680.052	681.962	686.258
21.5	673.130	675.755	676.949	677.904	682.678
22.0	669.311	672.414	673.607	674.562	679.575
22.5	665.969	668.117	669.788	671.220	675.994
23.0	661.911	664.298	665.969	667.401	672.175
23.5	657.614	660.240	662.388	663.821	668.594
24.0	653.318	656.182	658.330	660.001	664.775
24.5	649.737	652.124	654.511	655.943	660.479
25.0	645.679	648.066	650.692	652.124	656.660
25.5	641.144	644.009	646.157	648.305	652.124
26.0	636.848	639.473	642.338	644.247	648.544
26.5	632.312	634.938	638.280	639.951	644.486

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**CANDELA TABULATION - (Cont.)**

27.0	627.777	630.164	634.222	636.370	640.428
27.5	622.526	625.629	629.687	631.596	636.370
28.0	618.707	621.093	625.151	627.300	631.835
28.5	613.694	616.558	620.616	622.764	627.300
29.0	608.920	611.784	615.842	618.468	623.003
29.5	603.907	606.772	611.068	613.694	618.229
30.0	598.895	601.998	606.294	609.636	614.171
30.5	593.643	596.746	601.759	605.101	609.397
31.0	588.630	591.734	596.746	600.327	604.385
31.5	583.379	586.960	591.972	595.791	600.088
32.0	578.366	581.470	587.198	590.779	595.075
32.5	572.876	576.218	582.186	586.005	590.301
33.0	567.625	571.206	576.696	581.231	585.527
33.5	562.612	565.954	571.922	575.979	580.515
34.0	556.645	560.464	566.670	571.206	575.979
34.5	551.155	555.213	561.658	565.954	570.728
35.0	546.142	549.484	556.645	561.180	565.715
35.5	539.697	544.233	551.155	555.929	560.464
36.0	534.685	538.504	545.903	550.677	555.451
36.5	528.478	532.775	540.413	545.665	550.677
37.0	522.750	527.285	534.923	540.175	545.665
37.5	516.782	521.318	529.672	535.401	540.175
38.0	510.815	515.589	523.943	529.911	534.446
38.5	504.609	509.621	518.453	524.898	529.195
39.0	499.119	503.654	512.724	519.408	524.898
39.5	492.912	498.164	507.234	513.918	519.169
40.0	486.229	491.958	501.506	508.905	513.679
40.5	480.023	485.990	496.015	503.654	508.428
41.0	474.294	480.023	490.287	498.164	502.938
41.5	468.088	474.055	484.558	492.674	497.686
42.0	461.882	468.088	478.829	487.422	492.435
42.5	455.914	461.882	472.862	481.932	486.945
43.0	449.231	455.914	467.372	476.681	481.694
43.5	443.502	449.708	461.404	471.191	476.442
44.0	437.057	443.502	455.437	465.939	470.952
44.5	431.089	437.534	449.469	460.211	465.462
45.0	424.883	431.328	443.741	455.198	460.449
45.5	418.677	425.361	438.012	449.947	455.198
46.0	412.471	419.155	431.806	444.218	449.708
46.5	406.265	412.948	426.554	439.444	444.457
47.0	399.820	406.981	420.587	433.715	439.205
47.5	393.614	400.775	414.619	428.225	433.715
48.0	387.646	394.569	408.652	423.212	428.225
48.5	380.963	388.601	403.162	417.484	422.974
49.0	374.995	382.156	396.956	411.994	417.484
49.5	368.789	376.189	391.227	406.742	412.232
50.0	362.344	369.983	385.498	401.013	406.742
50.5	356.377	364.015	379.531	396.240	401.730
51.0	350.171	357.809	374.279	390.749	396.478
51.5	344.203	351.603	368.312	385.498	391.227
52.0	337.758	345.635	362.583	380.008	385.975
52.5	331.552	339.429	357.093	374.518	380.963
53.0	325.107	333.462	351.364	369.744	375.473
53.5	318.901	327.494	345.874	364.254	370.460
54.0	312.934	321.527	340.384	359.003	365.447
54.5	307.205	315.321	334.894	354.229	360.435

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**CANDELA TABULATION - (Cont.)**

55.0	301.238	309.592	329.404	348.739	355.899
55.5	296.225	303.624	323.914	343.726	350.409
56.0	290.496	298.373	318.662	338.713	345.397
56.5	284.529	292.883	313.172	333.700	340.623
57.0	278.800	287.393	307.921	328.688	335.610
57.5	272.832	281.664	303.386	323.914	330.120
58.0	266.865	275.935	298.134	318.662	326.062
58.5	261.136	270.207	292.883	314.127	321.288
59.0	255.407	264.478	287.870	310.069	316.276
59.5	249.679	258.988	283.335	305.057	312.456
60.0	243.950	253.259	278.322	300.283	307.682
60.5	238.340	247.769	273.310	295.747	302.908
61.0	232.707	242.279	268.297	291.212	298.373
61.5	227.122	236.837	263.284	286.677	294.077
62.0	221.632	231.442	258.510	282.380	289.541
62.5	216.213	226.095	253.498	278.084	285.245
63.0	210.723	220.772	248.724	273.548	281.426
63.5	205.281	215.521	244.189	269.252	277.129
64.0	199.982	210.341	239.415	264.717	272.832
64.5	194.706	205.281	234.879	260.420	268.536
65.0	189.479	200.196	230.320	256.123	264.478
65.5	184.323	195.232	225.809	251.827	260.181
66.0	179.095	190.267	221.345	247.530	256.123
66.5	173.987	185.421	216.905	243.472	252.066
67.0	168.999	180.623	212.489	239.176	248.008
67.5	163.986	175.897	208.169	235.166	243.950
68.0	159.045	171.290	203.872	231.108	240.131
68.5	154.175	166.707	199.671	227.169	236.144
69.0	149.330	162.172	195.518	223.207	232.373
69.5	144.556	157.732	191.412	219.364	228.625
70.0	139.806	153.364	187.378	215.592	224.902
70.5	135.175	149.043	183.344	211.821	221.226
71.0	130.592	144.771	179.382	208.097	217.598
71.5	126.057	140.593	175.515	204.469	214.017
72.0	121.617	136.392	171.648	200.865	210.532
72.5	117.153	132.334	167.877	197.332	207.071
73.0	112.809	128.300	164.129	193.847	203.586
73.5	108.584	124.314	160.501	190.386	200.196
74.0	104.407	120.447	156.825	187.044	196.783
74.5	100.301	116.556	153.316	183.726	193.561
75.0	96.219	112.761	149.831	180.480	190.434
75.5	92.209	109.061	146.394	177.258	187.259
76.0	88.318	105.433	143.052	174.059	184.156
76.5	84.452	101.853	139.734	170.932	181.053
77.0	80.632	98.296	136.464	167.829	178.045
77.5	76.885	94.835	133.242	164.821	175.061
78.0	73.185	91.445	130.115	161.861	172.125
78.5	69.557	88.104	127.011	158.878	169.213
79.0	66.000	84.857	124.004	155.989	166.349
79.5	62.467	81.635	121.044	153.173	163.485
80.0	58.982	78.460	118.084	150.380	160.763
80.5	55.593	75.381	115.220	147.563	157.995
81.0	52.299	72.350	112.475	144.842	155.297
81.5	48.957	69.390	109.730	142.145	152.600
82.0	45.735	66.501	107.056	139.543	149.998
82.5	42.584	63.661	104.431	136.941	147.444

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**CANDELA TABULATION - (Cont.)**

83.0	39.481	60.892	101.853	134.435	144.962
83.5	36.402	58.195	99.394	131.881	142.384
84.0	33.394	55.569	97.007	129.470	139.925
84.5	30.410	53.039	94.668	127.083	137.514
85.0	27.546	50.580	92.376	124.720	135.103
85.5	24.681	48.241	90.133	122.428	132.764
86.0	21.865	45.997	87.937	120.185	130.449
86.5	19.072	43.897	85.860	117.941	128.133
87.0	16.327	41.868	83.759	115.817	125.866
87.5	13.582	39.982	81.778	113.668	123.694
88.0	10.861	38.144	79.821	111.592	121.498
88.5	8.116	36.425	77.935	109.539	119.373
89.0	5.609	34.802	76.145	107.558	117.273
89.5	3.557	33.298	74.402	105.648	115.220
90.0	2.124	31.962	72.803	103.834	113.334
90.5	1.504	30.792	71.323	102.020	111.329
91.0	1.599	29.718	69.819	100.182	109.419
91.5	1.910	28.692	68.316	98.439	107.510
92.0	2.268	27.832	66.883	96.673	105.648
92.5	2.650	27.092	65.666	94.978	103.810
93.0	3.031	26.448	64.401	93.379	102.044
93.5	3.437	25.947	63.207	91.803	100.373
94.0	3.867	25.517	62.085	90.324	98.750
94.5	4.273	25.207	61.035	88.820	97.079
95.0	4.678	24.968	60.057	87.340	95.479
95.5	5.060	24.801	59.149	85.931	93.904
96.0	5.371	24.729	58.362	84.571	92.352
96.5	5.681	24.729	57.574	83.306	90.920
97.0	5.967	24.753	56.858	82.088	89.488
97.5	6.278	24.849	56.190	80.919	88.175
98.0	6.540	24.944	55.593	79.773	86.839
98.5	6.851	25.063	55.092	78.675	85.597
99.0	7.161	25.207	54.566	77.649	84.380
99.5	7.495	25.374	54.113	76.670	83.186
100.0	7.782	25.541	53.755	75.763	82.112
100.5	8.116	25.732	53.397	74.880	81.014
101.0	8.402	25.923	53.134	74.044	80.036
101.5	8.689	26.114	52.872	73.257	79.033
102.0	8.951	26.305	52.681	72.517	78.150
102.5	9.214	26.496	52.490	71.824	77.267
103.0	9.476	26.710	52.347	71.132	76.479
103.5	9.763	26.925	52.227	70.535	75.667
104.0	10.073	27.116	52.108	69.986	74.927
104.5	10.383	27.331	52.036	69.461	74.235
105.0	10.670	27.546	51.965	68.984	73.567
105.5	10.932	27.737	51.893	68.483	72.994
106.0	11.243	27.975	51.869	68.053	72.421
106.5	11.529	28.190	51.869	67.647	71.848
107.0	11.816	28.429	51.869	67.265	71.371
107.5	12.078	28.620	51.869	66.979	70.870
108.0	12.412	28.859	51.869	66.645	70.368
108.5	12.723	29.097	51.893	66.406	70.034
109.0	13.033	29.288	51.941	66.096	69.700
109.5	13.367	29.503	51.965	65.881	69.342
110.0	13.701	29.718	52.012	65.642	69.055
110.5	14.035	29.933	52.060	65.427	68.793

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**CANDELA TABULATION - (Cont.)**

111.0	14.370	30.148	52.084	65.236	68.506
111.5	14.704	30.339	52.108	65.093	68.268
112.0	15.062	30.553	52.156	64.950	67.981
112.5	15.420	30.768	52.203	64.783	67.719
113.0	15.802	30.983	52.275	64.663	67.599
113.5	16.160	31.174	52.275	64.544	67.432
114.0	16.542	31.365	52.323	64.449	67.265
114.5	16.900	31.580	52.370	64.329	67.122
115.0	17.282	31.747	52.418	64.258	67.003
115.5	17.664	31.962	52.418	64.186	66.883
116.0	18.022	32.153	52.490	64.091	66.740
116.5	18.356	32.344	52.538	63.995	66.692
117.0	18.738	32.558	52.585	63.995	66.573
117.5	19.096	32.726	52.633	63.900	66.501
118.0	19.406	32.893	52.681	63.852	66.406
118.5	19.764	33.060	52.705	63.780	66.382
119.0	20.075	33.227	52.752	63.709	66.239
119.5	20.409	33.346	52.800	63.637	66.215
120.0	20.719	33.466	52.776	63.589	66.096
120.5	21.029	33.609	52.800	63.494	66.072
121.0	21.340	33.704	52.848	63.422	65.976
121.5	21.674	33.824	52.824	63.327	65.929
122.0	21.984	33.967	52.824	63.279	65.857
122.5	22.294	34.110	52.848	63.183	65.690
123.0	22.605	34.253	52.824	63.088	65.666
123.5	22.891	34.373	52.776	63.016	65.523
124.0	23.130	34.468	52.776	62.945	65.499
124.5	23.369	34.564	52.776	62.825	65.403
125.0	23.607	34.683	52.728	62.706	65.308
125.5	23.846	34.755	52.681	62.634	65.189
126.0	24.061	34.850	52.657	62.491	65.093
126.5	24.252	34.969	52.609	62.396	65.021
127.0	24.467	35.017	52.561	62.276	64.926
127.5	24.634	35.089	52.490	62.157	64.759
128.0	24.849	35.089	52.466	62.014	64.663
128.5	25.016	35.136	52.370	61.895	64.568
129.0	25.183	35.184	52.275	61.775	64.449
129.5	25.326	35.256	52.108	61.584	64.305
130.0	25.445	35.304	51.941	61.465	64.162
130.5	25.565	35.351	51.750	61.322	63.995
131.0	25.636	35.423	51.559	61.107	63.828
131.5	25.732	35.494	51.368	60.916	63.661
132.0	25.827	35.566	51.153	60.797	63.518
132.5	25.875	35.590	50.914	60.558	63.303
133.0	25.947	35.614	50.819	60.343	63.040
133.5	25.970	35.590	50.676	60.176	62.921
134.0	25.994	35.542	50.580	59.985	62.754
134.5	26.066	35.447	50.461	59.770	62.444
135.0	26.137	35.375	50.318	59.484	62.205
135.5	26.114	35.184	50.198	59.293	62.014
136.0	26.161	35.160	50.031	59.054	61.775
136.5	26.209	35.089	49.912	58.791	61.536
137.0	26.233	34.969	49.721	58.577	61.274
137.5	26.257	34.850	49.554	58.290	61.035
138.0	26.305	34.778	49.315	58.051	60.749
138.5	26.305	34.683	49.005	57.789	60.534

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**CANDELA TABULATION - (Cont.)**

139.0	26.281	34.611	48.647	57.479	60.200
139.5	26.281	34.516	48.217	57.144	59.961
140.0	26.281	34.396	47.740	56.834	59.627
140.5	26.281	34.325	47.310	56.452	59.269
141.0	26.281	34.277	46.833	56.046	58.982
141.5	26.281	34.182	46.355	55.688	58.696
142.0	26.257	34.134	45.902	55.235	58.386
142.5	26.233	34.062	45.424	54.829	58.028
143.0	26.209	33.991	44.971	54.447	57.670
143.5	26.209	33.895	44.446	54.041	57.335
144.0	26.209	33.776	43.992	53.731	56.953
144.5	26.281	33.680	43.539	53.373	56.619
145.0	26.376	33.585	43.037	53.063	56.237
145.5	26.543	33.466	42.584	52.752	55.855
146.0	26.758	33.370	42.154	52.418	55.497
146.5	26.973	33.275	41.796	52.060	55.092
147.0	27.188	33.155	41.390	51.702	54.686
147.5	27.379	33.107	41.080	51.344	54.280
148.0	27.594	33.012	40.746	50.938	53.850
148.5	27.785	32.988	40.483	50.556	53.421
149.0	28.023	32.988	40.197	50.174	53.039
149.5	28.190	33.060	39.934	49.769	52.561
150.0	28.381	33.107	39.672	49.387	52.060
150.5	28.548	33.131	39.385	48.957	51.535
151.0	28.668	33.203	39.003	48.527	50.914
151.5	28.787	33.227	38.598	48.074	50.342
152.0	28.930	33.275	38.216	47.596	49.769
152.5	29.073	33.322	37.858	47.095	49.148
153.0	29.169	33.346	37.476	46.522	48.647
153.5	29.288	33.418	37.070	45.926	48.074
154.0	29.384	33.394	36.712	45.257	47.596
154.5	29.503	33.418	36.402	44.613	47.119
155.0	29.551	33.466	36.091	43.873	46.761
155.5	29.646	33.489	35.781	43.181	46.379
156.0	29.718	33.489	35.566	42.441	46.045
156.5	29.837	33.489	35.351	41.701	45.615
157.0	29.885	33.537	35.136	41.032	45.209
157.5	29.957	33.537	34.993	40.388	44.756
158.0	30.052	33.513	34.922	39.719	44.326
158.5	30.076	33.513	34.826	39.170	43.825
159.0	30.195	33.442	34.755	38.645	43.395
159.5	30.291	33.394	34.635	38.144	42.918
160.0	30.410	33.346	34.516	37.738	42.441
160.5	30.553	33.322	34.420	37.356	41.987
161.0	30.649	33.251	34.396	36.951	41.534
161.5	30.792	33.227	34.349	36.545	41.199
162.0	30.911	33.179	34.420	36.211	40.913
162.5	31.031	33.179	34.468	35.853	40.579
163.0	31.174	33.155	34.492	35.471	40.292
163.5	31.293	33.155	34.540	35.065	39.934
164.0	31.341	33.155	34.587	34.564	39.600
164.5	31.413	33.107	34.540	34.182	39.170
165.0	31.484	33.107	34.468	33.800	38.741
165.5	31.556	33.084	34.396	33.537	38.287
166.0	31.628	33.060	34.349	33.251	37.595
166.5	31.699	33.060	34.277	33.012	37.261

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-4-L30-927-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

167.0	31.795	33.060	34.205	32.797	36.998
167.5	31.842	33.060	34.062	32.606	36.736
168.0	31.914	33.060	33.943	32.415	36.521
168.5	32.057	32.964	33.776	32.248	36.258
169.0	32.129	32.988	33.656	32.081	35.996
169.5	32.248	32.917	33.466	31.890	35.709
170.0	32.296	32.893	33.298	31.651	35.447
170.5	32.368	32.845	33.084	31.389	35.160
171.0	32.415	32.797	32.845	31.102	34.802
171.5	32.487	32.797	32.630	30.840	34.516
172.0	32.606	32.749	32.511	30.577	34.086
172.5	32.678	32.749	32.368	30.291	33.609
173.0	32.773	32.702	32.248	30.028	32.797
173.5	32.893	32.726	32.200	29.766	31.580
174.0	32.988	32.726	32.177	29.551	30.076
174.5	33.060	32.726	32.129	29.336	28.286
175.0	33.203	32.797	32.105	29.169	26.257
175.5	33.251	32.821	32.081	29.097	24.132
176.0	33.346	32.869	32.081	29.026	22.748
176.5	33.370	32.893	32.057	29.026	21.769
177.0	33.466	32.940	32.009	28.954	20.767
177.5	33.489	32.940	31.938	28.930	20.552
178.0	33.585	32.988	31.914	28.906	20.600
178.5	33.633	33.012	31.938	28.859	20.647
179.0	33.680	33.012	31.914	28.787	20.671
179.5	33.728	33.012	31.890	28.763	20.695
180.0	30.243	30.243	30.243	30.243	30.243



**IES INDOOR REPORT**  
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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	273.28	N.A.	11.70
0-30	572.61	N.A.	24.50
0-40	919.82	N.A.	39.40
0-60	1556.68	N.A.	66.70
0-80	1939.35	N.A.	83.10
0-90	2035.59	N.A.	87.30
10-90	1964.34	N.A.	84.20
20-40	646.54	N.A.	27.70
20-50	988.46	N.A.	42.40
40-70	863.72	N.A.	37.00
60-80	382.67	N.A.	16.40
70-80	155.81	N.A.	6.70
80-90	96.24	N.A.	4.10
90-110	112.41	N.A.	4.80
90-120	159.73	N.A.	6.80
90-130	203.28	N.A.	8.70
90-150	266.88	N.A.	11.40
90-180	297.28	N.A.	12.70
110-180	184.87	N.A.	7.90
0-180	2332.86	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	71.25
10-20	202.03
20-30	299.33
30-40	347.21
40-50	341.92
50-60	294.94
60-70	226.86
70-80	155.81
80-90	96.24
90-100	61.66
100-110	50.75
110-120	47.32
120-130	43.55
130-140	36.60
140-150	26.99
150-160	17.65
160-170	9.72
170-180	3.03

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-4-L30-927-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-L30-927-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

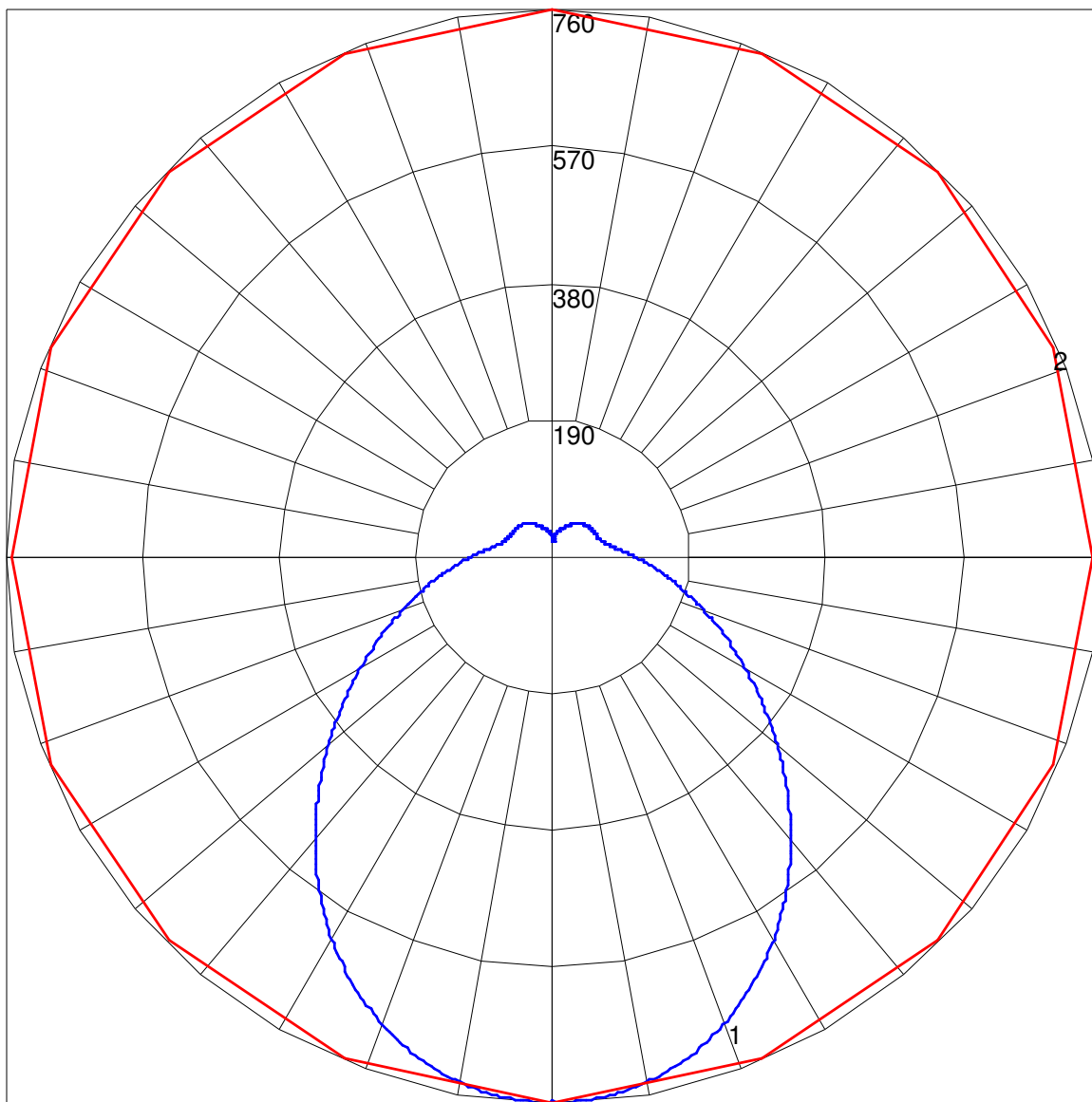
Reflectances

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	14.7	16.1	15.3	16.6	17.2	16.4	17.7	16.9	18.3	18.9
	3H	16.1	17.3	16.6	17.9	18.5	18.6	19.8	19.1	20.4	21.0
	4H	16.5	17.7	17.1	18.3	18.9	19.6	20.8	20.2	21.4	22.1
	6H	16.8	17.9	17.4	18.5	19.2	20.8	21.8	21.4	22.4	23.1
	8H	16.9	17.9	17.5	18.5	19.2	21.3	22.4	22.0	23.0	23.7
	12H	16.9	17.9	17.5	18.5	19.2	22.0	23.0	22.6	23.6	24.3
4H	2H	15.4	16.6	16.0	17.2	17.9	16.8	17.9	17.4	18.5	19.2
	3H	17.0	18.0	17.6	18.6	19.3	19.2	20.2	19.8	20.8	21.5
	4H	17.6	18.5	18.2	19.1	19.9	20.5	21.3	21.1	22.0	22.7
	6H	18.0	18.8	18.7	19.5	20.2	21.8	22.6	22.4	23.2	24.0
	8H	18.1	18.9	18.8	19.5	20.3	22.5	23.2	23.1	23.9	24.6
	12H	18.2	18.9	18.9	19.6	20.3	23.3	23.9	23.9	24.6	25.4
8H	4H	18.2	18.9	18.8	19.6	20.3	20.6	21.4	21.3	22.0	22.8
	6H	18.8	19.4	19.4	20.1	20.8	22.1	22.8	22.8	23.5	24.2
	8H	19.0	19.5	19.6	20.2	21.0	23.0	23.6	23.7	24.3	25.0
	12H	19.1	19.6	19.8	20.3	21.1	24.0	24.5	24.7	25.2	26.0
12H	4H	18.3	19.0	19.0	19.7	20.4	20.6	21.3	21.3	22.0	22.8
	6H	19.0	19.6	19.7	20.3	21.1	22.2	22.8	22.9	23.4	24.2
	8H	19.3	19.8	20.0	20.5	21.3	23.1	23.6	23.8	24.3	25.1

Maximum UGR = 26.0

POLAR GRAPH



Maximum Candela = 759.539 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.)