

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-4-L30-940-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-4-L30-940-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	2508
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	127
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	5502	4929	4880
55	4765	4219	4284
65	4005	3614	3818
75	3212	3157	3569
85	2356	3105	3771

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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	811.628	811.628	811.628	811.628	811.628
0.5	807.779	810.859	811.372	811.115	816.504
1.0	807.779	811.115	811.115	810.859	816.247
1.5	807.010	811.115	810.859	810.602	816.504
2.0	806.753	810.345	810.859	810.345	815.734
2.5	806.753	810.345	810.089	810.089	815.221
3.0	805.983	809.576	809.576	809.576	814.708
3.5	805.470	808.806	808.806	809.062	814.194
4.0	804.957	808.293	808.293	808.036	813.681
4.5	803.674	807.523	807.779	807.523	812.911
5.0	802.904	806.753	806.753	806.753	812.142
5.5	801.877	805.727	805.727	805.983	811.115
6.0	801.364	804.443	804.700	804.700	810.089
6.5	799.568	803.417	803.674	803.674	808.806
7.0	798.542	802.134	802.391	802.134	807.779
7.5	797.515	800.594	801.108	801.108	806.496
8.0	796.232	799.568	799.568	799.568	804.700
8.5	794.949	797.772	798.285	798.285	803.160
9.0	792.896	796.489	796.745	796.489	801.364
9.5	791.613	794.693	794.693	794.693	800.338
10.0	789.561	792.640	792.640	793.153	798.285
10.5	787.764	790.844	791.100	791.100	796.489
11.0	785.968	789.047	789.304	789.047	794.436
11.5	783.659	786.995	787.508	786.995	792.640
12.0	781.606	784.685	785.198	785.198	790.330
12.5	779.553	782.376	783.146	782.632	788.278
13.0	777.244	780.323	780.836	780.580	785.968
13.5	774.934	777.757	778.270	778.270	783.915
14.0	772.112	775.191	775.704	775.704	781.093
14.5	769.802	772.625	773.138	773.138	779.040
15.0	767.493	770.059	770.316	770.316	775.961
15.5	764.670	766.980	767.750	767.750	772.882
16.0	761.591	764.157	764.927	764.927	770.316
16.5	759.025	761.078	761.848	762.104	767.493
17.0	755.433	757.742	758.769	759.025	764.414
17.5	752.354	754.663	755.689	755.946	761.335
18.0	749.531	751.584	752.354	753.123	758.512
18.5	746.195	748.505	749.274	749.788	755.176
19.0	742.859	744.656	745.939	746.452	751.584
19.5	739.010	741.576	742.603	743.629	748.248
20.0	734.905	737.727	739.010	739.780	744.656
20.5	730.799	734.391	735.418	736.444	741.320
21.0	727.463	730.286	731.056	733.108	737.727
21.5	723.614	726.437	727.720	728.746	733.878
22.0	719.509	722.844	724.127	725.154	730.542
22.5	715.916	718.226	720.022	721.561	726.693
23.0	711.554	714.120	715.916	717.456	722.588
23.5	706.935	709.758	712.067	713.607	718.739
24.0	702.316	705.396	707.705	709.501	714.633
24.5	698.467	701.033	703.599	705.139	710.014
25.0	694.105	696.671	699.494	701.033	705.909
25.5	689.230	692.309	694.618	696.928	701.033
26.0	684.611	687.434	690.513	692.566	697.184
26.5	679.736	682.558	686.151	687.947	692.822

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CANDELA TABULATION - (Cont.)

27.0	674.860	677.426	681.788	684.098	688.460
27.5	669.215	672.551	676.913	678.966	684.098
28.0	665.109	667.675	672.037	674.347	679.222
28.5	659.721	662.800	667.162	669.471	674.347
29.0	654.589	657.668	662.030	664.853	669.728
29.5	649.200	652.279	656.898	659.721	664.596
30.0	643.811	647.147	651.766	655.358	660.234
30.5	638.166	641.502	646.891	650.483	655.102
31.0	632.778	636.113	641.502	645.351	649.713
31.5	627.132	630.981	636.370	640.476	645.094
32.0	621.744	625.080	631.238	635.087	639.706
32.5	615.842	619.434	625.849	629.955	634.574
33.0	610.197	614.046	619.948	624.823	629.442
33.5	604.808	608.400	614.816	619.178	624.053
34.0	598.393	602.499	609.170	614.046	619.178
34.5	592.491	596.853	603.782	608.400	613.533
35.0	587.103	590.695	598.393	603.268	608.144
35.5	580.174	585.050	592.491	597.623	602.499
36.0	574.786	578.891	586.846	591.978	597.110
36.5	568.114	572.733	580.944	586.589	591.978
37.0	561.956	566.831	575.042	580.688	586.589
37.5	555.541	560.416	569.397	575.556	580.688
38.0	549.126	554.258	563.239	569.654	574.529
38.5	542.454	547.843	557.337	564.265	568.884
39.0	536.552	541.428	551.179	558.363	564.265
39.5	529.881	535.526	545.277	552.462	558.107
40.0	522.696	528.854	539.118	547.073	552.205
40.5	516.024	522.439	533.216	541.428	546.560
41.0	509.866	516.024	527.058	535.526	540.658
41.5	503.194	509.609	520.900	529.624	535.013
42.0	496.523	503.194	514.741	523.979	529.367
42.5	490.108	496.523	508.326	518.077	523.466
43.0	482.923	490.108	502.424	512.432	517.820
43.5	476.764	483.436	496.009	506.530	512.175
44.0	469.836	476.764	489.594	500.885	506.273
44.5	463.421	470.349	483.179	494.726	500.372
45.0	456.749	463.678	477.021	489.338	494.983
45.5	450.078	457.263	470.862	483.693	489.338
46.0	443.406	450.591	464.191	477.534	483.436
46.5	436.735	443.919	458.546	472.402	477.791
47.0	429.806	437.504	452.131	466.244	472.145
47.5	423.135	430.833	445.716	460.342	466.244
48.0	416.720	424.161	439.301	454.953	460.342
48.5	409.535	417.746	433.399	448.795	454.697
49.0	403.120	410.818	426.727	442.893	448.795
49.5	396.448	404.403	420.569	437.248	443.150
50.0	389.520	397.731	414.410	431.089	437.248
50.5	383.105	391.316	407.995	425.957	431.859
51.0	376.433	384.645	402.350	420.056	426.214
51.5	370.018	377.973	395.935	414.410	420.569
52.0	363.090	371.558	389.777	408.508	414.923
52.5	356.419	364.886	383.875	402.607	409.535
53.0	349.490	358.471	377.716	397.475	403.633
53.5	342.819	352.056	371.815	391.573	398.244
54.0	336.404	345.641	365.913	385.928	392.856
54.5	330.245	338.970	360.011	380.796	387.467

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55.0	323.830	332.811	354.109	374.894	382.592
55.5	318.442	326.396	348.207	369.505	376.690
56.0	312.283	320.751	342.562	364.117	371.301
56.5	305.868	314.849	336.660	358.728	366.169
57.0	299.710	308.947	331.015	353.339	360.781
57.5	293.295	302.789	326.140	348.207	354.879
58.0	286.880	296.631	320.494	342.562	350.517
58.5	280.721	290.472	314.849	337.687	345.385
59.0	274.563	284.314	309.461	333.324	339.996
59.5	268.404	278.412	304.585	327.936	335.890
60.0	262.246	272.253	299.197	322.804	330.758
60.5	256.216	266.352	293.808	317.928	325.626
61.0	250.160	260.450	288.419	313.053	320.751
61.5	244.156	254.599	283.031	308.178	316.132
62.0	238.254	248.800	277.899	303.559	311.257
62.5	232.429	243.052	272.510	298.940	306.638
63.0	226.527	237.330	267.378	294.065	302.532
63.5	220.677	231.685	262.503	289.446	297.914
64.0	214.980	226.117	257.371	284.570	293.295
64.5	209.309	220.677	252.495	279.951	288.676
65.0	203.690	215.211	247.594	275.333	284.314
65.5	198.147	209.874	242.744	270.714	279.695
66.0	192.528	204.536	237.946	266.095	275.333
66.5	187.036	199.327	233.173	261.733	270.970
67.0	181.673	194.170	228.426	257.114	266.608
67.5	176.285	189.089	223.782	252.803	262.246
68.0	170.973	184.137	219.163	248.441	258.140
68.5	165.738	179.210	214.647	244.207	253.855
69.0	160.529	174.335	210.182	239.947	249.801
69.5	155.397	169.562	205.768	235.816	245.772
70.0	150.291	164.866	201.432	231.762	241.769
70.5	145.313	160.222	197.095	227.708	237.818
71.0	140.386	155.628	192.835	223.705	233.917
71.5	135.511	151.138	188.679	219.804	230.068
72.0	130.738	146.622	184.522	215.930	226.322
72.5	125.940	142.259	180.467	212.132	222.601
73.0	121.270	137.923	176.439	208.386	218.855
73.5	116.728	133.638	172.538	204.665	215.211
74.0	112.237	129.481	168.587	201.072	211.542
74.5	107.824	125.298	164.815	197.506	208.078
75.0	103.436	121.218	161.068	194.016	204.716
75.5	99.125	117.241	157.373	190.552	201.303
76.0	94.942	113.341	153.781	187.113	197.968
76.5	90.785	109.492	150.214	183.752	194.632
77.0	86.680	105.668	146.699	180.416	191.399
77.5	82.651	101.947	143.235	177.183	188.191
78.0	78.674	98.304	139.873	174.001	185.035
78.5	74.773	94.711	136.537	170.793	181.904
79.0	70.950	91.222	133.304	167.689	178.825
79.5	67.152	87.757	130.122	164.661	175.746
80.0	63.406	84.345	126.940	161.659	172.821
80.5	59.762	81.035	123.861	158.631	169.844
81.0	56.221	77.776	120.910	155.705	166.944
81.5	52.629	74.594	117.959	152.806	164.045
82.0	49.165	71.489	115.085	150.009	161.248
82.5	45.778	68.435	112.263	147.212	158.502

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CANDELA TABULATION - (Cont.)

83.0	42.442	65.459	109.492	144.518	155.834
83.5	39.132	62.559	106.849	141.772	153.062
84.0	35.898	59.737	104.283	139.180	150.419
84.5	32.691	57.017	101.768	136.614	147.828
85.0	29.612	54.374	99.305	134.074	145.236
85.5	26.533	51.859	96.892	131.611	142.721
86.0	23.505	49.447	94.532	129.199	140.232
86.5	20.502	47.189	92.299	126.786	137.743
87.0	17.551	45.008	90.041	124.503	135.306
87.5	14.601	42.981	87.911	122.193	132.971
88.0	11.675	41.005	85.807	119.961	130.610
88.5	8.724	39.157	83.780	117.754	128.326
89.0	6.030	37.412	81.856	115.624	126.068
89.5	3.823	35.796	79.982	113.572	123.861
90.0	2.284	34.359	78.263	111.621	121.834
90.5	1.617	33.102	76.672	109.671	119.679
91.0	1.719	31.947	75.056	107.695	117.626
91.5	2.053	30.843	73.439	105.822	115.573
92.0	2.438	29.920	71.900	103.923	113.572
92.5	2.848	29.124	70.591	102.101	111.596
93.0	3.259	28.431	69.231	100.382	109.697
93.5	3.695	27.893	67.948	98.689	107.901
94.0	4.157	27.431	66.742	97.098	106.156
94.5	4.593	27.097	65.613	95.481	104.360
95.0	5.029	26.840	64.561	93.890	102.640
95.5	5.440	26.661	63.586	92.376	100.947
96.0	5.774	26.584	62.739	90.914	99.279
96.5	6.107	26.584	61.892	89.554	97.739
97.0	6.415	26.610	61.122	88.245	96.200
97.5	6.749	26.712	60.404	86.988	94.788
98.0	7.031	26.815	59.762	85.756	93.351
98.5	7.364	26.943	59.223	84.576	92.017
99.0	7.698	27.097	58.659	83.472	90.708
99.5	8.057	27.277	58.171	82.420	89.425
100.0	8.365	27.456	57.786	81.445	88.271
100.5	8.724	27.662	57.402	80.496	87.090
101.0	9.032	27.867	57.119	79.598	86.038
101.5	9.340	28.072	56.837	78.751	84.961
102.0	9.623	28.277	56.632	77.955	84.011
102.5	9.905	28.483	56.427	77.211	83.062
103.0	10.187	28.714	56.273	76.467	82.215
103.5	10.495	28.945	56.144	75.826	81.342
104.0	10.829	29.150	56.016	75.235	80.547
104.5	11.162	29.381	55.939	74.671	79.803
105.0	11.470	29.612	55.862	74.158	79.084
105.5	11.752	29.817	55.785	73.619	78.469
106.0	12.086	30.074	55.759	73.157	77.853
106.5	12.394	30.305	55.759	72.721	77.237
107.0	12.702	30.561	55.759	72.310	76.724
107.5	12.984	30.766	55.759	72.002	76.185
108.0	13.343	31.023	55.759	71.643	75.646
108.5	13.677	31.280	55.785	71.386	75.287
109.0	14.010	31.485	55.836	71.053	74.927
109.5	14.370	31.716	55.862	70.822	74.543
110.0	14.729	31.947	55.913	70.565	74.235
110.5	15.088	32.178	55.965	70.334	73.952

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CANDELA TABULATION - (Cont.)

111.0	15.447	32.409	55.990	70.129	73.644
111.5	15.807	32.614	56.016	69.975	73.388
112.0	16.192	32.845	56.067	69.821	73.080
112.5	16.576	33.076	56.119	69.641	72.798
113.0	16.987	33.307	56.196	69.513	72.669
113.5	17.372	33.512	56.196	69.385	72.490
114.0	17.782	33.717	56.247	69.282	72.310
114.5	18.167	33.948	56.298	69.154	72.156
115.0	18.578	34.128	56.350	69.077	72.028
115.5	18.988	34.359	56.350	69.000	71.900
116.0	19.373	34.564	56.427	68.897	71.746
116.5	19.733	34.769	56.478	68.795	71.694
117.0	20.143	35.000	56.529	68.795	71.566
117.5	20.528	35.180	56.580	68.692	71.489
118.0	20.862	35.360	56.632	68.641	71.386
118.5	21.247	35.539	56.657	68.564	71.361
119.0	21.580	35.719	56.709	68.487	71.207
119.5	21.939	35.847	56.760	68.410	71.181
120.0	22.273	35.975	56.734	68.358	71.053
120.5	22.607	36.129	56.760	68.256	71.027
121.0	22.940	36.232	56.811	68.179	70.924
121.5	23.299	36.360	56.786	68.076	70.873
122.0	23.633	36.514	56.786	68.025	70.796
122.5	23.967	36.668	56.811	67.922	70.617
123.0	24.300	36.822	56.786	67.820	70.591
123.5	24.608	36.951	56.734	67.743	70.437
124.0	24.865	37.053	56.734	67.666	70.411
124.5	25.121	37.156	56.734	67.537	70.309
125.0	25.378	37.284	56.683	67.409	70.206
125.5	25.634	37.361	56.632	67.332	70.078
126.0	25.865	37.464	56.606	67.178	69.975
126.5	26.071	37.592	56.555	67.075	69.898
127.0	26.302	37.643	56.503	66.947	69.795
127.5	26.481	37.720	56.427	66.819	69.616
128.0	26.712	37.720	56.401	66.665	69.513
128.5	26.892	37.772	56.298	66.537	69.411
129.0	27.071	37.823	56.196	66.408	69.282
129.5	27.225	37.900	56.016	66.203	69.128
130.0	27.354	37.951	55.836	66.075	68.974
130.5	27.482	38.003	55.631	65.921	68.795
131.0	27.559	38.080	55.426	65.690	68.615
131.5	27.662	38.157	55.220	65.485	68.435
132.0	27.764	38.234	54.990	65.356	68.281
132.5	27.816	38.259	54.733	65.100	68.051
133.0	27.893	38.285	54.630	64.869	67.768
133.5	27.918	38.259	54.476	64.689	67.640
134.0	27.944	38.208	54.374	64.484	67.460
134.5	28.021	38.105	54.245	64.253	67.127
135.0	28.098	38.028	54.091	63.945	66.870
135.5	28.072	37.823	53.963	63.740	66.665
136.0	28.123	37.797	53.784	63.483	66.408
136.5	28.175	37.720	53.655	63.201	66.152
137.0	28.200	37.592	53.450	62.970	65.869
137.5	28.226	37.464	53.270	62.662	65.613
138.0	28.277	37.387	53.014	62.405	65.305
138.5	28.277	37.284	52.680	62.123	65.074

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CANDELA TABULATION - (Cont.)

139.0	28.252	37.207	52.295	61.789	64.715
139.5	28.252	37.104	51.833	61.430	64.458
140.0	28.252	36.976	51.320	61.097	64.099
140.5	28.252	36.899	50.858	60.686	63.714
141.0	28.252	36.848	50.345	60.250	63.406
141.5	28.252	36.745	49.832	59.865	63.098
142.0	28.226	36.694	49.344	59.377	62.765
142.5	28.200	36.617	48.831	58.941	62.380
143.0	28.175	36.540	48.344	58.531	61.995
143.5	28.175	36.437	47.779	58.094	61.636
144.0	28.175	36.309	47.292	57.761	61.225
144.5	28.252	36.206	46.804	57.376	60.866
145.0	28.354	36.104	46.265	57.042	60.455
145.5	28.534	35.975	45.778	56.709	60.045
146.0	28.765	35.873	45.316	56.350	59.660
146.5	28.996	35.770	44.931	55.965	59.223
147.0	29.227	35.642	44.495	55.580	58.787
147.5	29.432	35.591	44.161	55.195	58.351
148.0	29.663	35.488	43.802	54.759	57.889
148.5	29.868	35.462	43.519	54.348	57.427
149.0	30.125	35.462	43.212	53.937	57.017
149.5	30.305	35.539	42.929	53.501	56.503
150.0	30.510	35.591	42.647	53.091	55.965
150.5	30.689	35.616	42.339	52.629	55.400
151.0	30.818	35.693	41.929	52.167	54.733
151.5	30.946	35.719	41.492	51.679	54.117
152.0	31.100	35.770	41.082	51.166	53.501
152.5	31.254	35.821	40.697	50.627	52.834
153.0	31.357	35.847	40.286	50.011	52.295
153.5	31.485	35.924	39.850	49.370	51.679
154.0	31.588	35.898	39.465	48.652	51.166
154.5	31.716	35.924	39.132	47.959	50.653
155.0	31.767	35.975	38.798	47.163	50.268
155.5	31.870	36.001	38.464	46.419	49.858
156.0	31.947	36.001	38.234	45.624	49.498
156.5	32.075	36.001	38.003	44.828	49.036
157.0	32.126	36.052	37.772	44.110	48.600
157.5	32.203	36.052	37.618	43.417	48.113
158.0	32.306	36.027	37.541	42.698	47.651
158.5	32.332	36.027	37.438	42.108	47.112
159.0	32.460	35.950	37.361	41.544	46.650
159.5	32.563	35.898	37.233	41.005	46.137
160.0	32.691	35.847	37.104	40.569	45.624
160.5	32.845	35.821	37.002	40.158	45.136
161.0	32.948	35.744	36.976	39.722	44.649
161.5	33.102	35.719	36.925	39.286	44.289
162.0	33.230	35.668	37.002	38.926	43.981
162.5	33.358	35.668	37.053	38.541	43.622
163.0	33.512	35.642	37.079	38.131	43.314
163.5	33.640	35.642	37.130	37.695	42.929
164.0	33.692	35.642	37.181	37.156	42.570
164.5	33.769	35.591	37.130	36.745	42.108
165.0	33.846	35.591	37.053	36.335	41.646
165.5	33.923	35.565	36.976	36.052	41.159
166.0	34.000	35.539	36.925	35.744	40.415
166.5	34.077	35.539	36.848	35.488	40.055

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	34.179	35.539	36.771	35.257	39.773
167.5	34.231	35.539	36.617	35.052	39.491
168.0	34.308	35.539	36.489	34.846	39.260
168.5	34.461	35.437	36.309	34.667	38.978
169.0	34.538	35.462	36.181	34.487	38.695
169.5	34.667	35.385	35.975	34.282	38.387
170.0	34.718	35.360	35.796	34.025	38.105
170.5	34.795	35.308	35.565	33.743	37.797
171.0	34.846	35.257	35.308	33.435	37.412
171.5	34.923	35.257	35.077	33.153	37.104
172.0	35.052	35.206	34.949	32.871	36.643
172.5	35.129	35.206	34.795	32.563	36.129
173.0	35.231	35.154	34.667	32.280	35.257
173.5	35.360	35.180	34.615	31.998	33.948
174.0	35.462	35.180	34.590	31.767	32.332
174.5	35.539	35.180	34.538	31.536	30.407
175.0	35.693	35.257	34.513	31.357	28.226
175.5	35.744	35.283	34.487	31.280	25.942
176.0	35.847	35.334	34.487	31.203	24.454
176.5	35.873	35.360	34.461	31.203	23.402
177.0	35.975	35.411	34.410	31.126	22.324
177.5	36.001	35.411	34.333	31.100	22.093
178.0	36.104	35.462	34.308	31.074	22.145
178.5	36.155	35.488	34.333	31.023	22.196
179.0	36.206	35.488	34.308	30.946	22.222
179.5	36.258	35.488	34.282	30.920	22.247
180.0	32.511	32.511	32.511	32.511	32.511

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L30-940-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	293.78	N.A.	11.70
0-30	615.56	N.A.	24.50
0-40	988.81	N.A.	39.40
0-60	1673.43	N.A.	66.70
0-80	2084.8	N.A.	83.10
0-90	2188.26	N.A.	87.30
10-90	2111.67	N.A.	84.20
20-40	695.03	N.A.	27.70
20-50	1062.6	N.A.	42.40
40-70	928.50	N.A.	37.00
60-80	411.37	N.A.	16.40
70-80	167.49	N.A.	6.70
80-90	103.46	N.A.	4.10
90-110	120.84	N.A.	4.80
90-120	171.71	N.A.	6.80
90-130	218.53	N.A.	8.70
90-150	286.89	N.A.	11.40
90-180	319.57	N.A.	12.70
110-180	198.73	N.A.	7.90
0-180	2507.83	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	76.59
10-20	217.19
20-30	321.78
30-40	373.25
40-50	367.56
50-60	317.06
60-70	243.87
70-80	167.49
80-90	103.46
90-100	66.29
100-110	54.55
110-120	50.87
120-130	46.82
130-140	39.34
140-150	29.02
150-160	18.97
160-170	10.45
170-180	3.26

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L30-940-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-4-L30-940-DIM-UNV_.IES

UGR TABLE - CORRECTED

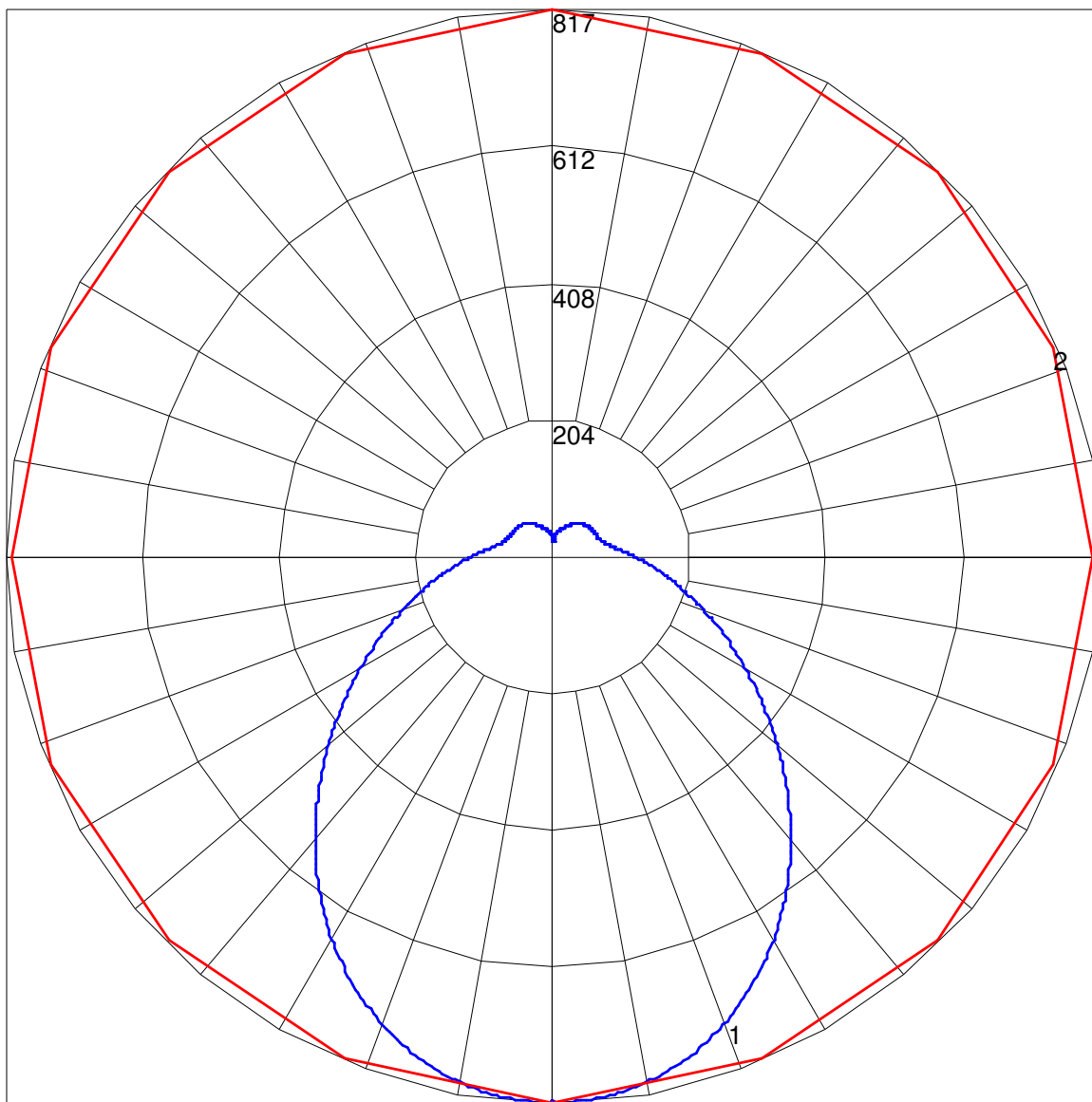
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	15.0	16.4	15.6	16.9	17.5	16.7	18.0	17.2	18.6	19.2
	3H	16.4	17.6	16.9	18.2	18.8	18.9	20.1	19.4	20.7	21.3
	4H	16.8	18.0	17.4	18.6	19.2	19.9	21.1	20.5	21.7	22.4
	6H	17.1	18.2	17.7	18.8	19.5	21.1	22.1	21.7	22.7	23.4
	8H	17.2	18.2	17.8	18.8	19.5	21.6	22.7	22.3	23.3	24.0
	12H	17.2	18.2	17.8	18.8	19.5	22.3	23.3	22.9	23.9	24.6
4H	2H	15.7	16.9	16.3	17.5	18.2	17.1	18.2	17.7	18.8	19.5
	3H	17.3	18.3	17.9	18.9	19.6	19.5	20.5	20.1	21.1	21.8
	4H	17.9	18.8	18.5	19.4	20.2	20.8	21.6	21.4	22.3	23.0
	6H	18.3	19.1	19.0	19.8	20.5	22.1	22.9	22.7	23.5	24.3
	8H	18.4	19.2	19.1	19.8	20.6	22.8	23.5	23.4	24.2	24.9
	12H	18.5	19.2	19.2	19.9	20.6	23.6	24.2	24.2	24.9	25.7
8H	4H	18.5	19.2	19.1	19.9	20.6	20.9	21.7	21.6	22.3	23.1
	6H	19.1	19.7	19.7	20.4	21.1	22.4	23.1	23.1	23.8	24.5
	8H	19.3	19.8	19.9	20.5	21.3	23.3	23.9	24.0	24.6	25.3
	12H	19.4	19.9	20.1	20.6	21.4	24.3	24.8	25.0	25.5	26.3
12H	4H	18.6	19.3	19.3	20.0	20.7	20.9	21.6	21.6	22.3	23.1
	6H	19.3	19.9	20.0	20.6	21.4	22.5	23.1	23.2	23.7	24.5
	8H	19.6	20.1	20.3	20.8	21.6	23.4	23.9	24.1	24.6	25.4

Maximum UGR = 26.3

POLAR GRAPH



Maximum Candela = 816.504 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.)