

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-4-L30-827-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-L30-827-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	2829
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	144
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	6206	5559	5504
55	5374	4759	4832
65	4518	4076	4307
75	3623	3561	4025
85	2658	3503	4253

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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	915.441	915.441	915.441	915.441	915.441
0.5	911.100	914.573	915.152	914.863	920.940
1.0	911.100	914.863	914.863	914.573	920.651
1.5	910.232	914.863	914.573	914.284	920.940
2.0	909.942	913.994	914.573	913.994	920.072
2.5	909.942	913.994	913.705	913.705	919.493
3.0	909.074	913.126	913.126	913.126	918.914
3.5	908.495	912.258	912.258	912.547	918.336
4.0	907.916	911.679	911.679	911.390	917.757
4.5	906.469	910.811	911.100	910.811	916.889
5.0	905.601	909.942	909.942	909.942	916.020
5.5	904.443	908.785	908.785	909.074	914.863
6.0	903.865	907.338	907.627	907.627	913.705
6.5	901.839	906.180	906.469	906.469	912.258
7.0	900.681	904.733	905.022	904.733	911.100
7.5	899.523	902.996	903.575	903.575	909.653
8.0	898.076	901.839	901.839	901.839	907.627
8.5	896.629	899.813	900.391	900.391	905.891
9.0	894.314	898.366	898.655	898.366	903.865
9.5	892.867	896.340	896.340	896.340	902.707
10.0	890.551	894.024	894.024	894.603	900.391
10.5	888.525	891.998	892.288	892.288	898.366
11.0	886.499	889.972	890.262	889.972	896.050
11.5	883.894	887.657	888.236	887.657	894.024
12.0	881.579	885.052	885.631	885.631	891.419
12.5	879.264	882.447	883.316	882.737	889.104
13.0	876.659	880.132	880.711	880.421	886.499
13.5	874.054	877.238	877.817	877.817	884.184
14.0	870.870	874.344	874.922	874.922	881.000
14.5	868.266	871.449	872.028	872.028	878.685
15.0	865.661	868.555	868.845	868.845	875.212
15.5	862.477	865.082	865.950	865.950	871.739
16.0	859.004	861.898	862.767	862.767	868.845
16.5	856.110	858.425	859.294	859.583	865.661
17.0	852.058	854.663	855.821	856.110	862.188
17.5	848.585	851.190	852.347	852.637	858.715
18.0	845.401	847.717	848.585	849.453	855.531
18.5	841.639	844.244	845.112	845.691	851.769
19.0	837.876	839.902	841.349	841.928	847.717
19.5	833.535	836.429	837.587	838.745	843.954
20.0	828.904	832.088	833.535	834.403	839.902
20.5	824.274	828.325	829.483	830.641	836.140
21.0	820.511	823.695	824.563	826.878	832.088
21.5	816.170	819.353	820.800	821.958	827.747
22.0	811.539	815.301	816.749	817.906	823.984
22.5	807.487	810.092	812.118	813.854	819.643
23.0	802.567	805.461	807.487	809.224	815.012
23.5	797.357	800.541	803.146	804.882	810.671
24.0	792.148	795.621	798.226	800.252	806.040
24.5	787.806	790.701	793.595	795.331	800.830
25.0	782.886	785.780	788.964	790.701	796.200
25.5	777.387	780.860	783.465	786.070	790.701
26.0	772.178	775.361	778.834	781.150	786.359
26.5	766.679	769.862	773.914	775.940	781.439

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CANDELA TABULATION - (Cont.)

27.0	761.180	764.074	768.994	771.599	776.519
27.5	754.812	758.575	763.495	765.810	771.599
28.0	750.182	753.076	757.996	760.601	766.100
28.5	744.104	747.577	752.497	755.102	760.601
29.0	738.315	741.788	746.708	749.892	755.391
29.5	732.237	735.710	740.920	744.104	749.603
30.0	726.160	729.922	735.132	739.183	744.683
30.5	719.792	723.555	729.633	733.684	738.894
31.0	713.714	717.477	723.555	727.896	732.816
31.5	707.347	711.688	717.766	722.397	727.607
32.0	701.269	705.032	711.978	716.319	721.529
32.5	694.613	698.664	705.900	710.531	715.740
33.0	688.245	692.587	699.243	704.742	709.952
33.5	682.167	686.219	693.455	698.375	703.874
34.0	674.932	679.563	687.088	692.587	698.375
34.5	668.275	673.195	681.010	686.219	692.008
35.0	662.197	666.249	674.932	680.431	685.930
35.5	654.383	659.882	668.275	674.064	679.563
36.0	648.305	652.936	661.908	667.696	673.485
36.5	640.780	645.990	655.251	661.618	667.696
37.0	633.834	639.333	648.594	654.962	661.618
37.5	626.598	632.097	642.227	649.173	654.962
38.0	619.363	625.151	635.281	642.517	648.016
38.5	611.838	617.916	628.624	636.439	641.648
39.0	605.181	610.680	621.678	629.782	636.439
39.5	597.656	604.023	615.022	623.125	629.493
40.0	589.552	596.499	608.075	617.047	622.836
40.5	582.027	589.263	601.419	610.680	616.469
41.0	575.081	582.027	594.473	604.023	609.812
41.5	567.556	574.792	587.526	597.367	603.445
42.0	560.031	567.556	580.580	590.999	597.077
42.5	552.796	560.031	573.345	584.343	590.421
43.0	544.692	552.796	566.688	577.976	584.053
43.5	537.746	545.271	559.453	571.319	577.686
44.0	529.931	537.746	552.217	564.952	571.029
44.5	522.696	530.510	544.981	558.005	564.373
45.0	515.171	522.985	538.035	551.928	558.295
45.5	507.646	515.750	531.089	545.560	551.928
46.0	500.121	508.225	523.564	538.614	545.271
46.5	492.596	500.700	517.197	532.826	538.904
47.0	484.782	493.464	509.961	525.880	532.536
47.5	477.257	485.939	502.726	519.223	525.880
48.0	470.021	478.414	495.490	513.145	519.223
48.5	461.917	471.179	488.834	506.199	512.856
49.0	454.682	463.364	481.309	499.542	506.199
49.5	447.157	456.129	474.362	493.175	499.832
50.0	439.342	448.604	467.416	486.229	493.175
50.5	432.107	441.368	460.181	480.440	487.097
51.0	424.582	433.843	453.814	473.784	480.730
51.5	417.346	426.318	446.578	467.416	474.362
52.0	409.532	419.083	439.632	460.760	467.995
52.5	402.007	411.558	432.975	454.103	461.917
53.0	394.193	404.322	426.029	448.315	455.261
53.5	386.668	397.087	419.372	441.658	449.183
54.0	379.432	389.851	412.716	435.291	443.105
54.5	372.486	382.326	406.059	429.502	437.027

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CANDELA TABULATION - (Cont.)

55.0	365.250	375.380	399.402	422.845	431.528
55.5	359.173	368.145	392.745	416.768	424.871
56.0	352.226	361.777	386.378	410.690	418.793
56.5	344.991	355.121	379.722	404.612	413.005
57.0	338.045	348.464	373.354	398.534	406.927
57.5	330.809	341.518	367.855	392.745	400.270
58.0	323.574	334.572	361.488	386.378	395.350
58.5	316.628	327.626	355.121	380.879	389.562
59.0	309.681	320.679	349.043	375.959	383.484
59.5	302.735	314.023	343.544	369.881	378.853
60.0	295.789	307.077	337.466	364.093	373.065
60.5	288.988	300.420	331.388	358.594	367.276
61.0	282.157	293.763	325.310	353.095	361.777
61.5	275.385	287.164	319.232	347.596	356.568
62.0	268.728	280.623	313.444	342.386	351.069
62.5	262.158	274.140	307.366	337.176	345.859
63.0	255.502	267.686	301.578	331.677	341.228
63.5	248.903	261.319	296.079	326.468	336.019
64.0	242.478	255.039	290.290	320.969	330.809
64.5	236.081	248.903	284.791	315.759	325.600
65.0	229.743	242.738	279.263	310.550	320.679
65.5	223.492	236.718	273.793	305.340	315.470
66.0	217.153	230.698	268.381	300.130	310.550
66.5	210.960	224.823	262.998	295.210	305.630
67.0	204.911	219.006	257.643	290.001	300.709
67.5	198.833	213.275	252.405	285.138	295.789
68.0	192.842	207.689	247.195	280.218	291.158
68.5	186.938	202.132	242.101	275.443	286.325
69.0	181.062	196.633	237.065	270.638	281.752
69.5	175.274	191.250	232.087	265.979	277.208
70.0	169.514	185.954	227.196	261.406	272.693
70.5	163.900	180.715	222.305	256.833	268.236
71.0	158.343	175.534	217.501	252.318	263.837
71.5	152.844	170.469	212.812	247.919	259.496
72.0	147.460	165.376	208.123	243.549	255.270
72.5	142.048	160.455	203.550	239.265	251.073
73.0	136.781	155.564	199.006	235.040	246.848
73.5	131.658	150.731	194.607	230.843	242.738
74.0	126.593	146.042	190.150	226.791	238.599
74.5	121.615	141.325	185.896	222.768	234.692
75.0	116.666	136.723	181.670	218.832	230.901
75.5	111.804	132.237	177.502	214.925	227.051
76.0	107.086	127.838	173.451	211.046	223.289
76.5	102.397	123.496	169.428	207.255	219.527
77.0	97.767	119.184	165.462	203.493	215.880
77.5	93.223	114.987	161.555	199.846	212.262
78.0	88.737	110.878	157.764	196.257	208.702
78.5	84.338	106.826	154.001	192.639	205.171
79.0	80.025	102.889	150.355	189.137	201.698
79.5	75.742	98.982	146.766	185.722	198.225
80.0	71.516	95.133	143.177	182.336	194.926
80.5	67.406	91.399	139.704	178.921	191.568
81.0	63.412	87.724	136.376	175.621	188.298
81.5	59.360	84.135	133.047	172.351	185.027
82.0	55.453	80.633	129.806	169.196	181.873
82.5	51.633	77.189	126.622	166.041	178.776

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CANDELA TABULATION - (Cont.)

83.0	47.870	73.832	123.496	163.002	175.766
83.5	44.137	70.561	120.515	159.906	172.640
84.0	40.490	67.377	117.621	156.982	169.659
84.5	36.872	64.310	114.785	154.088	166.736
85.0	33.399	61.328	112.006	151.223	163.813
85.5	29.926	58.492	109.286	148.444	160.976
86.0	26.511	55.772	106.623	145.724	158.169
86.5	23.125	53.225	104.105	143.003	155.362
87.0	19.796	50.765	101.558	140.427	152.612
87.5	16.468	48.478	99.156	137.823	149.978
88.0	13.169	46.250	96.783	135.305	147.316
88.5	9.840	44.166	94.496	132.816	144.740
89.0	6.801	42.198	92.326	130.414	142.193
89.5	4.312	40.374	90.213	128.098	139.704
90.0	2.576	38.754	88.274	125.899	137.418
90.5	1.823	37.335	86.479	123.699	134.986
91.0	1.939	36.033	84.656	121.470	132.671
91.5	2.315	34.789	82.833	119.358	130.356
92.0	2.750	33.747	81.096	117.216	128.098
92.5	3.213	32.849	79.620	115.161	125.870
93.0	3.676	32.068	78.086	113.222	123.728
93.5	4.168	31.460	76.639	111.312	121.702
94.0	4.689	30.939	75.279	109.517	119.734
94.5	5.181	30.563	74.005	107.694	117.708
95.0	5.673	30.274	72.819	105.899	115.769
95.5	6.136	30.071	71.719	104.192	113.859
96.0	6.512	29.984	70.764	102.542	111.977
96.5	6.888	29.984	69.809	101.008	110.241
97.0	7.236	30.013	68.940	99.532	108.504
97.5	7.612	30.129	68.130	98.114	106.912
98.0	7.930	30.245	67.406	96.725	105.292
98.5	8.306	30.389	66.799	95.393	103.787
99.0	8.683	30.563	66.162	94.149	102.311
99.5	9.088	30.766	65.612	92.962	100.864
100.0	9.435	30.968	65.178	91.863	99.561
100.5	9.840	31.200	64.744	90.792	98.230
101.0	10.188	31.431	64.425	89.779	97.043
101.5	10.535	31.663	64.107	88.824	95.828
102.0	10.853	31.894	63.875	87.926	94.757
102.5	11.172	32.126	63.644	87.087	93.686
103.0	11.490	32.386	63.470	86.248	92.731
103.5	11.837	32.647	63.326	85.524	91.747
104.0	12.214	32.878	63.181	84.858	90.850
104.5	12.590	33.139	63.094	84.222	90.010
105.0	12.937	33.399	63.007	83.643	89.200
105.5	13.256	33.631	62.920	83.035	88.505
106.0	13.632	33.920	62.891	82.514	87.811
106.5	13.979	34.181	62.891	82.022	87.116
107.0	14.326	34.470	62.891	81.559	86.537
107.5	14.645	34.702	62.891	81.212	85.929
108.0	15.050	34.991	62.891	80.807	85.322
108.5	15.426	35.281	62.920	80.517	84.916
109.0	15.802	35.512	62.978	80.141	84.511
109.5	16.208	35.773	63.007	79.880	84.077
110.0	16.613	36.033	63.065	79.591	83.730
110.5	17.018	36.294	63.123	79.331	83.411

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CANDELA TABULATION - (Cont.)

111.0	17.423	36.554	63.152	79.099	83.064
111.5	17.828	36.786	63.181	78.925	82.775
112.0	18.263	37.046	63.239	78.752	82.427
112.5	18.697	37.306	63.297	78.549	82.109
113.0	19.160	37.567	63.383	78.404	81.964
113.5	19.594	37.798	63.383	78.260	81.762
114.0	20.057	38.030	63.441	78.144	81.559
114.5	20.491	38.291	63.499	77.999	81.385
115.0	20.954	38.493	63.557	77.912	81.241
115.5	21.417	38.754	63.557	77.826	81.096
116.0	21.851	38.985	63.644	77.710	80.922
116.5	22.257	39.217	63.702	77.594	80.864
117.0	22.720	39.477	63.760	77.594	80.720
117.5	23.154	39.680	63.818	77.478	80.633
118.0	23.530	39.882	63.875	77.420	80.517
118.5	23.964	40.085	63.904	77.334	80.488
119.0	24.340	40.288	63.962	77.247	80.315
119.5	24.746	40.432	64.020	77.160	80.286
120.0	25.122	40.577	63.991	77.102	80.141
120.5	25.498	40.751	64.020	76.986	80.112
121.0	25.874	40.866	64.078	76.899	79.996
121.5	26.280	41.011	64.049	76.784	79.938
122.0	26.656	41.185	64.049	76.726	79.851
122.5	27.032	41.358	64.078	76.610	79.649
123.0	27.408	41.532	64.049	76.494	79.620
123.5	27.756	41.677	63.991	76.407	79.446
124.0	28.045	41.793	63.991	76.321	79.417
124.5	28.334	41.908	63.991	76.176	79.302
125.0	28.624	42.053	63.933	76.031	79.186
125.5	28.913	42.140	63.875	75.944	79.041
126.0	29.174	42.256	63.846	75.771	78.925
126.5	29.405	42.400	63.789	75.655	78.839
127.0	29.666	42.458	63.731	75.510	78.723
127.5	29.868	42.545	63.644	75.365	78.520
128.0	30.129	42.545	63.615	75.192	78.404
128.5	30.331	42.603	63.499	75.047	78.289
129.0	30.534	42.661	63.383	74.902	78.144
129.5	30.708	42.748	63.181	74.671	77.970
130.0	30.852	42.805	62.978	74.526	77.797
130.5	30.997	42.863	62.747	74.352	77.594
131.0	31.084	42.950	62.515	74.092	77.391
131.5	31.200	43.037	62.284	73.860	77.189
132.0	31.315	43.124	62.023	73.716	77.015
132.5	31.373	43.153	61.734	73.426	76.755
133.0	31.460	43.182	61.618	73.166	76.436
133.5	31.489	43.153	61.444	72.963	76.292
134.0	31.518	43.095	61.328	72.732	76.089
134.5	31.605	42.979	61.184	72.471	75.713
135.0	31.692	42.892	61.010	72.124	75.423
135.5	31.663	42.661	60.865	71.892	75.192
136.0	31.721	42.632	60.663	71.603	74.902
136.5	31.779	42.545	60.518	71.285	74.613
137.0	31.807	42.400	60.287	71.024	74.295
137.5	31.836	42.256	60.084	70.677	74.005
138.0	31.894	42.169	59.795	70.387	73.658
138.5	31.894	42.053	59.418	70.069	73.397

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CANDELA TABULATION - (Cont.)

139.0	31.865	41.966	58.984	69.693	72.992
139.5	31.865	41.850	58.463	69.288	72.703
140.0	31.865	41.706	57.884	68.911	72.298
140.5	31.865	41.619	57.363	68.448	71.863
141.0	31.865	41.561	56.785	67.956	71.516
141.5	31.865	41.445	56.206	67.522	71.169
142.0	31.836	41.387	55.656	66.972	70.793
142.5	31.807	41.301	55.077	66.480	70.358
143.0	31.779	41.214	54.527	66.017	69.924
143.5	31.779	41.098	53.890	65.525	69.519
144.0	31.779	40.953	53.340	65.149	69.056
144.5	31.865	40.837	52.791	64.715	68.651
145.0	31.981	40.722	52.183	64.338	68.188
145.5	32.184	40.577	51.633	63.962	67.725
146.0	32.444	40.461	51.112	63.557	67.291
146.5	32.705	40.345	50.678	63.123	66.799
147.0	32.965	40.201	50.186	62.689	66.307
147.5	33.197	40.143	49.810	62.255	65.815
148.0	33.457	40.027	49.404	61.763	65.294
148.5	33.689	39.998	49.086	61.300	64.773
149.0	33.978	39.998	48.739	60.836	64.310
149.5	34.181	40.085	48.420	60.344	63.731
150.0	34.412	40.143	48.102	59.881	63.123
150.5	34.615	40.172	47.755	59.360	62.486
151.0	34.760	40.259	47.292	58.839	61.734
151.5	34.904	40.288	46.800	58.290	61.039
152.0	35.078	40.345	46.336	57.711	60.344
152.5	35.252	40.403	45.902	57.103	59.592
153.0	35.367	40.432	45.439	56.408	58.984
153.5	35.512	40.519	44.947	55.685	58.290
154.0	35.628	40.490	44.513	54.874	57.711
154.5	35.773	40.519	44.137	54.093	57.132
155.0	35.830	40.577	43.761	53.196	56.698
155.5	35.946	40.606	43.384	52.356	56.235
156.0	36.033	40.606	43.124	51.459	55.829
156.5	36.178	40.606	42.863	50.562	55.309
157.0	36.236	40.664	42.603	49.752	54.817
157.5	36.322	40.664	42.429	48.970	54.267
158.0	36.438	40.635	42.342	48.160	53.746
158.5	36.467	40.635	42.227	47.494	53.138
159.0	36.612	40.548	42.140	46.857	52.617
159.5	36.728	40.490	41.995	46.250	52.038
160.0	36.872	40.432	41.850	45.758	51.459
160.5	37.046	40.403	41.735	45.295	50.909
161.0	37.162	40.316	41.706	44.803	50.359
161.5	37.335	40.288	41.648	44.310	49.954
162.0	37.480	40.230	41.735	43.905	49.607
162.5	37.625	40.230	41.793	43.471	49.202
163.0	37.798	40.201	41.821	43.008	48.854
163.5	37.943	40.201	41.879	42.516	48.420
164.0	38.001	40.201	41.937	41.908	48.015
164.5	38.088	40.143	41.879	41.445	47.494
165.0	38.175	40.143	41.793	40.982	46.973
165.5	38.262	40.114	41.706	40.664	46.423
166.0	38.348	40.085	41.648	40.316	45.584
166.5	38.435	40.085	41.561	40.027	45.179

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L30-827-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	38.551	40.085	41.474	39.767	44.860
167.5	38.609	40.085	41.301	39.535	44.542
168.0	38.696	40.085	41.156	39.303	44.282
168.5	38.869	39.969	40.953	39.101	43.963
169.0	38.956	39.998	40.808	38.898	43.645
169.5	39.101	39.911	40.577	38.667	43.298
170.0	39.159	39.882	40.374	38.377	42.979
170.5	39.246	39.824	40.114	38.059	42.632
171.0	39.303	39.767	39.824	37.712	42.198
171.5	39.390	39.767	39.564	37.393	41.850
172.0	39.535	39.709	39.419	37.075	41.329
172.5	39.622	39.709	39.246	36.728	40.751
173.0	39.738	39.651	39.101	36.409	39.767
173.5	39.882	39.680	39.043	36.091	38.291
174.0	39.998	39.680	39.014	35.830	36.467
174.5	40.085	39.680	38.956	35.570	34.296
175.0	40.259	39.767	38.927	35.367	31.836
175.5	40.316	39.796	38.898	35.281	29.261
176.0	40.432	39.853	38.898	35.194	27.582
176.5	40.461	39.882	38.869	35.194	26.395
177.0	40.577	39.940	38.811	35.107	25.180
177.5	40.606	39.940	38.725	35.078	24.919
178.0	40.722	39.998	38.696	35.049	24.977
178.5	40.780	40.027	38.725	34.991	25.035
179.0	40.837	40.027	38.696	34.904	25.064
179.5	40.895	40.027	38.667	34.875	25.093
180.0	36.670	36.670	36.670	36.670	36.670

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L30-827-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	331.35	N.A.	11.70
0-30	694.29	N.A.	24.50
0-40	1115.29	N.A.	39.40
0-60	1887.48	N.A.	66.70
0-80	2351.46	N.A.	83.10
0-90	2468.15	N.A.	87.30
10-90	2381.77	N.A.	84.20
20-40	783.93	N.A.	27.70
20-50	1198.51	N.A.	42.40
40-70	1047.26	N.A.	37.00
60-80	463.98	N.A.	16.40
70-80	188.92	N.A.	6.70
80-90	116.69	N.A.	4.10
90-110	136.30	N.A.	4.80
90-120	193.67	N.A.	6.80
90-130	246.48	N.A.	8.70
90-150	323.59	N.A.	11.40
90-180	360.45	N.A.	12.70
110-180	224.15	N.A.	7.90
0-180	2828.6	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	86.38
10-20	244.97
20-30	362.94
30-40	420.99
40-50	414.57
50-60	357.62
60-70	275.07
70-80	188.92
80-90	116.69
90-100	74.76
100-110	61.53
110-120	57.38
120-130	52.81
130-140	44.38
140-150	32.73
150-160	21.40
160-170	11.79
170-180	3.67

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L30-827-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	39	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-L30-827-DIM-UNV_.IES

UGR TABLE - CORRECTED

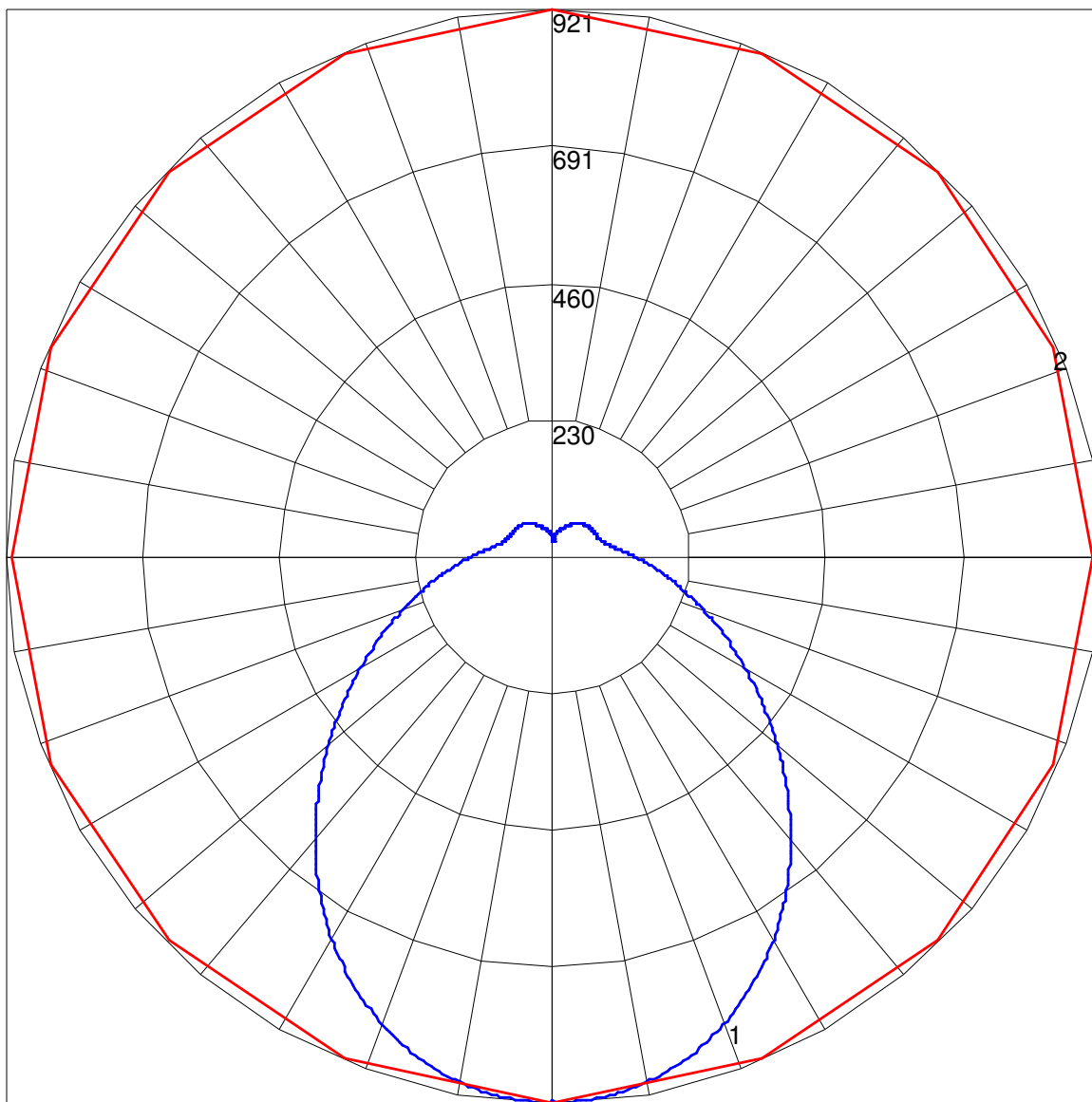
Reflectances

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	15.4	16.8	16.0	17.3	17.9	17.1	18.4	17.6	19.0	19.6
	3H	16.8	18.0	17.3	18.6	19.2	19.3	20.5	19.8	21.1	21.7
	4H	17.2	18.4	17.8	19.0	19.6	20.3	21.5	20.9	22.1	22.8
	6H	17.5	18.6	18.1	19.2	19.9	21.5	22.5	22.1	23.1	23.8
	8H	17.6	18.6	18.2	19.2	19.9	22.0	23.1	22.7	23.7	24.4
	12H	17.6	18.6	18.2	19.2	19.9	22.7	23.7	23.3	24.3	25.0
4H	2H	16.1	17.3	16.7	17.9	18.6	17.5	18.6	18.1	19.2	19.9
	3H	17.7	18.7	18.3	19.3	20.0	19.9	20.9	20.5	21.5	22.2
	4H	18.3	19.2	18.9	19.8	20.6	21.2	22.0	21.8	22.7	23.4
	6H	18.7	19.5	19.4	20.2	20.9	22.5	23.3	23.1	23.9	24.7
	8H	18.8	19.6	19.5	20.2	21.0	23.2	23.9	23.8	24.6	25.3
	12H	18.9	19.6	19.6	20.3	21.0	24.0	24.6	24.6	25.3	26.1
8H	4H	18.9	19.6	19.5	20.3	21.0	21.3	22.1	22.0	22.7	23.5
	6H	19.5	20.1	20.1	20.8	21.5	22.9	23.5	23.5	24.2	24.9
	8H	19.7	20.2	20.3	20.9	21.7	23.7	24.3	24.4	25.0	25.7
	12H	19.8	20.3	20.5	21.0	21.8	24.7	25.2	25.4	25.9	26.7
12H	4H	19.0	19.7	19.7	20.4	21.1	21.4	22.0	22.0	22.7	23.5
	6H	19.7	20.3	20.4	21.0	21.8	22.9	23.5	23.6	24.1	24.9
	8H	20.0	20.5	20.7	21.2	22.0	23.8	24.3	24.5	25.0	25.8

Maximum UGR = 26.7

POLAR GRAPH



Maximum Candela = 920.94 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.)