

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L32-830-HE-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-2-L32-830-HE-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	2895
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	168
Total Luminaire Watts	17.2
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)	1.88 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	12298	11107	11140
55	10557	9468	9780
65	8751	8060	8716
75	6819	6972	8147
85	4485	6717	8608

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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	936.880	936.880	936.880	936.880	936.880
0.5	932.437	935.991	936.583	936.287	942.507
1.0	932.437	936.287	936.287	935.991	942.211
1.5	931.548	936.287	935.991	935.695	942.507
2.0	931.252	935.399	935.991	935.399	941.619
2.5	931.252	935.399	935.102	935.102	941.026
3.0	930.363	934.510	934.510	934.510	940.434
3.5	929.771	933.621	933.621	933.918	939.842
4.0	929.178	933.029	933.029	932.733	939.249
4.5	927.697	932.140	932.437	932.140	938.361
5.0	926.809	931.252	931.252	931.252	937.472
5.5	925.624	930.067	930.067	930.363	936.287
6.0	925.032	928.586	928.882	928.882	935.102
6.5	922.958	927.401	927.697	927.697	933.621
7.0	921.773	925.920	926.216	925.920	932.437
7.5	920.589	924.143	924.735	924.735	930.956
8.0	919.108	922.958	922.958	922.958	928.882
8.5	917.627	920.885	921.477	921.477	927.105
9.0	915.257	919.404	919.700	919.404	925.032
9.5	913.776	917.330	917.330	917.330	923.847
10.0	911.407	914.961	914.961	915.553	921.477
10.5	909.333	912.888	913.184	913.184	919.404
11.0	907.260	910.814	911.110	910.814	917.034
11.5	904.594	908.445	909.037	908.445	914.961
12.0	902.224	905.779	906.371	906.371	912.295
12.5	899.855	903.113	904.002	903.409	909.926
13.0	897.189	900.743	901.336	901.040	907.260
13.5	894.523	897.781	898.374	898.374	904.890
14.0	891.265	894.819	895.412	895.412	901.632
14.5	888.599	891.857	892.450	892.450	899.262
15.0	885.933	888.895	889.192	889.192	895.708
15.5	882.675	885.341	886.230	886.230	892.154
16.0	879.121	882.083	882.971	882.971	889.192
16.5	876.159	878.528	879.417	879.713	885.933
17.0	872.012	874.678	875.863	876.159	882.379
17.5	868.458	871.123	872.308	872.604	878.825
18.0	865.199	867.569	868.458	869.346	875.566
18.5	861.349	864.015	864.903	865.496	871.716
19.0	857.498	859.572	861.053	861.645	867.569
19.5	853.055	856.017	857.202	858.387	863.718
20.0	848.316	851.574	853.055	853.944	859.572
20.5	843.577	847.724	848.908	850.093	855.721
21.0	839.726	842.984	843.873	846.243	851.574
21.5	835.283	838.541	840.022	841.207	847.131
22.0	830.544	834.395	835.876	837.060	843.281
22.5	826.397	829.063	831.136	832.914	838.838
23.0	821.362	824.324	826.397	828.174	834.098
23.5	816.030	819.288	821.954	823.731	829.655
24.0	810.699	814.253	816.919	818.992	824.916
24.5	806.256	809.218	812.180	813.957	819.585
25.0	801.220	804.182	807.440	809.218	814.845
25.5	795.592	799.147	801.813	804.478	809.218
26.0	790.261	793.519	797.073	799.443	804.775
26.5	784.633	787.891	792.038	794.111	799.739

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CANDELA TABULATION - (Cont.)

27.0	779.005	781.967	787.003	789.668	794.704
27.5	772.489	776.339	781.375	783.744	789.668
28.0	767.750	770.712	775.747	778.413	784.041
28.5	761.529	765.084	770.119	772.785	778.413
29.0	755.605	759.160	764.195	767.453	773.081
29.5	749.385	752.940	758.271	761.529	767.157
30.0	743.165	747.016	752.347	756.494	762.122
30.5	736.649	740.499	746.719	750.866	756.198
31.0	730.428	734.279	740.499	744.942	749.978
31.5	723.912	728.355	734.575	739.314	744.646
32.0	717.692	721.542	728.651	733.094	738.426
32.5	710.879	715.026	722.431	727.170	732.502
33.0	704.363	708.806	715.618	721.246	726.578
33.5	698.143	702.290	709.695	714.730	720.358
34.0	690.738	695.477	703.178	708.806	714.730
34.5	683.925	688.961	696.958	702.290	708.214
35.0	677.705	681.852	690.738	696.366	701.993
35.5	669.708	675.335	683.925	689.849	695.477
36.0	663.487	668.227	677.409	683.333	689.257
36.5	655.786	661.118	670.596	677.113	683.333
37.0	648.677	654.305	663.784	670.300	677.113
37.5	641.272	646.900	657.267	664.376	670.300
38.0	633.867	639.791	650.158	657.563	663.191
38.5	626.166	632.386	643.346	651.343	656.675
39.0	619.354	624.981	636.237	644.531	651.343
39.5	611.652	618.169	629.424	637.718	644.234
40.0	603.359	610.468	622.316	631.498	637.422
40.5	595.658	603.063	615.503	624.981	630.905
41.0	588.549	595.658	608.394	618.169	624.093
41.5	580.848	588.253	601.285	611.356	617.576
42.0	573.146	580.848	594.177	604.840	611.060
42.5	565.741	573.146	586.772	598.027	604.247
43.0	557.448	565.741	579.959	591.511	597.731
43.5	550.339	558.040	572.554	584.698	591.215
44.0	542.342	550.339	565.149	578.182	584.402
44.5	534.937	542.934	557.744	571.073	577.589
45.0	527.235	535.233	550.635	564.853	571.369
45.5	519.534	527.828	543.526	558.336	564.853
46.0	511.833	520.127	535.825	551.228	558.040
46.5	504.132	512.425	529.309	545.304	551.524
47.0	496.135	505.021	521.904	538.195	545.007
47.5	488.433	497.319	514.499	531.382	538.195
48.0	481.028	489.618	507.094	525.162	531.382
48.5	472.735	482.213	500.281	518.053	524.866
49.0	465.330	474.216	492.580	511.241	518.053
49.5	457.629	466.811	485.471	504.724	511.537
50.0	449.631	459.110	478.363	497.616	504.724
50.5	442.226	451.705	470.958	491.692	498.504
51.0	434.525	444.003	464.441	484.879	491.988
51.5	427.120	436.302	457.036	478.363	485.471
52.0	419.123	428.897	449.927	471.550	478.955
52.5	411.421	421.196	443.115	464.737	472.735
53.0	403.424	413.791	436.006	458.813	465.922
53.5	395.723	406.386	429.193	452.001	459.702
54.0	388.318	398.981	422.381	445.484	453.482
54.5	381.209	391.280	415.568	439.560	447.262

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CANDELA TABULATION - (Cont.)

55.0	373.804	384.171	408.756	432.748	441.634
55.5	367.584	376.766	401.943	426.528	434.821
56.0	360.475	370.250	395.427	420.307	428.601
56.5	353.070	363.437	388.614	414.087	422.677
57.0	345.961	356.624	382.098	407.867	416.457
57.5	338.556	349.516	376.470	401.943	409.644
58.0	331.151	342.407	369.953	395.427	404.609
58.5	324.042	335.298	363.437	389.799	398.685
59.0	316.934	328.189	357.217	384.763	392.465
59.5	309.825	321.377	351.589	378.543	387.725
60.0	302.716	314.268	345.369	372.619	381.801
60.5	295.755	307.455	339.149	366.991	375.877
61.0	288.765	300.643	332.928	361.364	370.250
61.5	281.834	293.889	326.708	355.736	364.918
62.0	275.021	287.195	320.784	350.404	359.290
62.5	268.298	280.560	314.564	345.073	353.959
63.0	261.485	273.955	308.640	339.445	349.219
63.5	254.732	267.439	303.012	334.113	343.888
64.0	248.156	261.011	297.088	328.485	338.556
64.5	241.610	254.732	291.461	323.154	333.225
65.0	235.123	248.423	285.803	317.822	328.189
65.5	228.725	242.262	280.205	312.491	322.858
66.0	222.239	236.101	274.666	307.159	317.822
66.5	215.900	230.088	269.157	302.124	312.787
67.0	209.709	224.134	263.677	296.792	307.751
67.5	203.489	218.270	258.316	291.816	302.716
68.0	197.358	212.553	252.984	286.781	297.977
68.5	191.315	206.866	247.771	281.893	293.030
69.0	185.303	201.238	242.617	276.976	288.350
69.5	179.379	195.729	237.523	272.208	283.700
70.0	173.484	190.308	232.517	267.528	279.079
70.5	167.738	184.947	227.511	262.848	274.518
71.0	162.051	179.645	222.594	258.227	270.016
71.5	156.423	174.462	217.796	253.725	265.573
72.0	150.914	169.249	212.997	249.252	261.248
72.5	145.375	164.213	208.317	244.868	256.953
73.0	139.984	159.207	203.667	240.544	252.629
73.5	134.741	154.261	199.165	236.249	248.423
74.0	129.558	149.462	194.603	232.102	244.187
74.5	124.463	144.634	190.249	227.985	240.188
75.0	119.398	139.925	185.925	223.957	236.308
75.5	114.422	135.334	181.659	219.958	232.369
76.0	109.594	130.831	177.512	215.989	228.518
76.5	104.795	126.388	173.395	212.109	224.667
77.0	100.056	121.975	169.337	208.258	220.935
77.5	95.406	117.680	165.339	204.526	217.233
78.0	90.815	113.474	161.458	200.853	213.590
78.5	86.313	109.327	157.608	197.151	209.976
79.0	81.899	105.299	153.876	193.567	206.422
79.5	77.515	101.300	150.203	190.071	202.867
80.0	73.191	97.361	146.530	186.606	199.491
80.5	68.985	93.540	142.976	183.111	196.055
81.0	64.897	89.778	139.569	179.734	192.708
81.5	60.751	86.105	136.163	176.387	189.360
82.0	56.752	82.521	132.846	173.158	186.132
82.5	52.842	78.996	129.587	169.930	182.963

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CANDELA TABULATION - (Cont.)

83.0	48.991	75.561	126.388	166.820	179.882
83.5	45.170	72.213	123.338	163.650	176.683
84.0	41.438	68.955	120.376	160.659	173.632
84.5	37.736	65.816	117.473	157.697	170.641
85.0	34.181	62.765	114.629	154.764	167.649
85.5	30.627	59.862	111.845	151.921	164.746
86.0	27.132	57.078	109.120	149.137	161.873
86.5	23.666	54.471	106.543	146.352	159.000
87.0	20.260	51.953	103.936	143.716	156.186
87.5	16.854	49.613	101.478	141.050	153.491
88.0	13.477	47.333	99.049	138.473	150.766
88.5	10.071	45.200	96.709	135.926	148.129
89.0	6.961	43.186	94.488	133.468	145.523
89.5	4.413	41.320	92.325	131.098	142.976
90.0	2.636	39.661	90.341	128.847	140.636
90.5	1.866	38.210	88.504	126.596	138.148
91.0	1.985	36.877	86.638	124.315	135.778
91.5	2.370	35.603	84.772	122.153	133.408
92.0	2.814	34.537	82.995	119.961	131.098
92.5	3.288	33.619	81.485	117.858	128.817
93.0	3.762	32.819	79.915	115.873	126.625
93.5	4.265	32.197	78.434	113.918	124.552
94.0	4.798	31.664	77.042	112.082	122.538
94.5	5.302	31.279	75.738	110.216	120.464
95.0	5.806	30.982	74.524	108.379	118.480
95.5	6.279	30.775	73.398	106.632	116.525
96.0	6.664	30.686	72.421	104.944	114.600
96.5	7.050	30.686	71.443	103.374	112.822
97.0	7.405	30.716	70.555	101.863	111.045
97.5	7.790	30.834	69.725	100.412	109.416
98.0	8.116	30.953	68.985	98.990	107.757
98.5	8.501	31.101	68.363	97.627	106.217
99.0	8.886	31.279	67.711	96.354	104.707
99.5	9.301	31.486	67.148	95.139	103.226
100.0	9.656	31.693	66.704	94.014	101.893
100.5	10.071	31.930	66.260	92.918	100.530
101.0	10.426	32.167	65.934	91.881	99.316
101.5	10.782	32.404	65.608	90.904	98.072
102.0	11.107	32.641	65.371	89.985	96.976
102.5	11.433	32.878	65.134	89.126	95.880
103.0	11.759	33.145	64.957	88.268	94.902
103.5	12.115	33.411	64.808	87.527	93.895
104.0	12.500	33.648	64.660	86.846	92.977
104.5	12.885	33.915	64.572	86.194	92.118
105.0	13.240	34.181	64.483	85.602	91.289
105.5	13.566	34.418	64.394	84.980	90.578
106.0	13.951	34.715	64.364	84.447	89.867
106.5	14.306	34.981	64.364	83.943	89.156
107.0	14.662	35.277	64.364	83.469	88.564
107.5	14.988	35.514	64.364	83.114	87.942
108.0	15.402	35.811	64.364	82.699	87.320
108.5	15.787	36.107	64.394	82.403	86.905
109.0	16.173	36.344	64.453	82.018	86.490
109.5	16.587	36.610	64.483	81.751	86.046
110.0	17.002	36.877	64.542	81.455	85.691
110.5	17.417	37.143	64.601	81.188	85.365

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CANDELA TABULATION - (Cont.)

111.0	17.831	37.410	64.631	80.951	85.009
111.5	18.246	37.647	64.660	80.774	84.713
112.0	18.690	37.914	64.720	80.596	84.358
112.5	19.135	38.180	64.779	80.389	84.032
113.0	19.608	38.447	64.868	80.241	83.884
113.5	20.053	38.684	64.868	80.092	83.676
114.0	20.527	38.921	64.927	79.974	83.469
114.5	20.971	39.187	64.986	79.826	83.291
115.0	21.445	39.395	65.045	79.737	83.143
115.5	21.919	39.661	65.045	79.648	82.995
116.0	22.363	39.898	65.134	79.530	82.817
116.5	22.778	40.135	65.194	79.411	82.758
117.0	23.252	40.402	65.253	79.411	82.610
117.5	23.696	40.609	65.312	79.293	82.521
118.0	24.081	40.816	65.371	79.233	82.403
118.5	24.525	41.024	65.401	79.145	82.373
119.0	24.910	41.231	65.460	79.056	82.195
119.5	25.325	41.379	65.519	78.967	82.166
120.0	25.710	41.527	65.490	78.908	82.018
120.5	26.095	41.705	65.519	78.789	81.988
121.0	26.480	41.823	65.579	78.700	81.870
121.5	26.895	41.971	65.549	78.582	81.810
122.0	27.280	42.149	65.549	78.523	81.721
122.5	27.665	42.327	65.579	78.404	81.514
123.0	28.050	42.505	65.549	78.286	81.485
123.5	28.406	42.653	65.490	78.197	81.307
124.0	28.702	42.771	65.490	78.108	81.277
124.5	28.998	42.890	65.490	77.960	81.159
125.0	29.294	43.038	65.431	77.812	81.040
125.5	29.590	43.127	65.371	77.723	80.892
126.0	29.857	43.245	65.342	77.545	80.774
126.5	30.094	43.393	65.282	77.427	80.685
127.0	30.360	43.452	65.223	77.279	80.566
127.5	30.568	43.541	65.134	77.130	80.359
128.0	30.834	43.541	65.105	76.953	80.241
128.5	31.042	43.601	64.986	76.805	80.122
129.0	31.249	43.660	64.868	76.656	79.974
129.5	31.427	43.749	64.660	76.420	79.796
130.0	31.575	43.808	64.453	76.271	79.618
130.5	31.723	43.867	64.216	76.094	79.411
131.0	31.812	43.956	63.979	75.827	79.204
131.5	31.930	44.045	63.742	75.590	78.996
132.0	32.049	44.134	63.476	75.442	78.819
132.5	32.108	44.163	63.179	75.146	78.552
133.0	32.197	44.193	63.061	74.879	78.226
133.5	32.227	44.163	62.883	74.672	78.078
134.0	32.256	44.104	62.765	74.435	77.871
134.5	32.345	43.986	62.617	74.168	77.486
135.0	32.434	43.897	62.439	73.813	77.190
135.5	32.404	43.660	62.291	73.576	76.953
136.0	32.463	43.630	62.083	73.280	76.656
136.5	32.523	43.541	61.935	72.954	76.360
137.0	32.552	43.393	61.698	72.687	76.034
137.5	32.582	43.245	61.491	72.332	75.738
138.0	32.641	43.156	61.195	72.036	75.383
138.5	32.641	43.038	60.810	71.710	75.116

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CANDELA TABULATION - (Cont.)

139.0	32.612	42.949	60.366	71.325	74.702
139.5	32.612	42.830	59.832	70.910	74.405
140.0	32.612	42.682	59.240	70.525	73.991
140.5	32.612	42.594	58.707	70.051	73.546
141.0	32.612	42.534	58.114	69.548	73.191
141.5	32.612	42.416	57.522	69.103	72.836
142.0	32.582	42.357	56.959	68.541	72.450
142.5	32.552	42.268	56.367	68.037	72.006
143.0	32.523	42.179	55.804	67.563	71.562
143.5	32.523	42.060	55.152	67.060	71.147
144.0	32.523	41.912	54.590	66.675	70.673
144.5	32.612	41.794	54.027	66.230	70.259
145.0	32.730	41.675	53.405	65.845	69.785
145.5	32.937	41.527	52.842	65.460	69.311
146.0	33.204	41.409	52.309	65.045	68.866
146.5	33.471	41.290	51.865	64.601	68.363
147.0	33.737	41.142	51.361	64.157	67.859
147.5	33.974	41.083	50.976	63.713	67.356
148.0	34.241	40.964	50.561	63.209	66.823
148.5	34.478	40.935	50.235	62.735	66.289
149.0	34.774	40.935	49.880	62.261	65.816
149.5	34.981	41.024	49.554	61.758	65.223
150.0	35.218	41.083	49.228	61.284	64.601
150.5	35.425	41.113	48.873	60.751	63.950
151.0	35.574	41.201	48.399	60.217	63.179
151.5	35.722	41.231	47.895	59.655	62.469
152.0	35.899	41.290	47.422	59.062	61.758
152.5	36.077	41.349	46.977	58.440	60.988
153.0	36.196	41.379	46.503	57.729	60.366
153.5	36.344	41.468	46.000	56.989	59.655
154.0	36.462	41.438	45.556	56.159	59.062
154.5	36.610	41.468	45.170	55.360	58.470
155.0	36.670	41.527	44.785	54.442	58.026
155.5	36.788	41.557	44.400	53.583	57.552
156.0	36.877	41.557	44.134	52.664	57.137
156.5	37.025	41.557	43.867	51.746	56.604
157.0	37.084	41.616	43.601	50.917	56.100
157.5	37.173	41.616	43.423	50.117	55.537
158.0	37.292	41.586	43.334	49.288	55.004
158.5	37.321	41.586	43.216	48.606	54.382
159.0	37.469	41.498	43.127	47.955	53.849
159.5	37.588	41.438	42.979	47.333	53.257
160.0	37.736	41.379	42.830	46.829	52.664
160.5	37.914	41.349	42.712	46.355	52.102
161.0	38.032	41.261	42.682	45.852	51.539
161.5	38.210	41.231	42.623	45.348	51.124
162.0	38.358	41.172	42.712	44.933	50.769
162.5	38.506	41.172	42.771	44.489	50.354
163.0	38.684	41.142	42.801	44.015	49.999
163.5	38.832	41.142	42.860	43.512	49.554
164.0	38.891	41.142	42.919	42.890	49.140
164.5	38.980	41.083	42.860	42.416	48.606
165.0	39.069	41.083	42.771	41.942	48.073
165.5	39.158	41.053	42.682	41.616	47.510
166.0	39.246	41.024	42.623	41.261	46.651
166.5	39.335	41.024	42.534	40.964	46.237

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L32-830-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	39.454	41.024	42.445	40.698	45.911
167.5	39.513	41.024	42.268	40.461	45.585
168.0	39.602	41.024	42.120	40.224	45.319
168.5	39.780	40.905	41.912	40.017	44.993
169.0	39.868	40.935	41.764	39.809	44.667
169.5	40.017	40.846	41.527	39.572	44.311
170.0	40.076	40.816	41.320	39.276	43.986
170.5	40.165	40.757	41.053	38.950	43.630
171.0	40.224	40.698	40.757	38.595	43.186
171.5	40.313	40.698	40.491	38.269	42.830
172.0	40.461	40.639	40.342	37.943	42.297
172.5	40.550	40.639	40.165	37.588	41.705
173.0	40.668	40.579	40.017	37.262	40.698
173.5	40.816	40.609	39.957	36.936	39.187
174.0	40.935	40.609	39.928	36.670	37.321
174.5	41.024	40.609	39.868	36.403	35.100
175.0	41.201	40.698	39.839	36.196	32.582
175.5	41.261	40.727	39.809	36.107	29.946
176.0	41.379	40.787	39.809	36.018	28.228
176.5	41.409	40.816	39.780	36.018	27.013
177.0	41.527	40.876	39.720	35.929	25.769
177.5	41.557	40.876	39.632	35.899	25.503
178.0	41.675	40.935	39.602	35.870	25.562
178.5	41.735	40.964	39.632	35.811	25.621
179.0	41.794	40.964	39.602	35.722	25.651
179.5	41.853	40.964	39.572	35.692	25.681
180.0	37.529	37.529	37.529	37.529	37.529

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L32-830-HE-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	339.11	N.A.	11.70
0-30	710.55	N.A.	24.50
0-40	1141.4	N.A.	39.40
0-60	1931.68	N.A.	66.70
0-80	2406.53	N.A.	83.10
0-90	2525.95	N.A.	87.30
10-90	2437.54	N.A.	84.20
20-40	802.29	N.A.	27.70
20-50	1226.58	N.A.	42.40
40-70	1071.78	N.A.	37.00
60-80	474.85	N.A.	16.40
70-80	193.34	N.A.	6.70
80-90	119.42	N.A.	4.10
90-110	139.49	N.A.	4.80
90-120	198.21	N.A.	6.80
90-130	252.26	N.A.	8.70
90-150	331.16	N.A.	11.40
90-180	368.89	N.A.	12.70
110-180	229.40	N.A.	7.90
0-180	2894.84	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	88.41
10-20	250.70
20-30	371.44
30-40	430.85
40-50	424.28
50-60	365.99
60-70	281.51
70-80	193.34
80-90	119.42
90-100	76.52
100-110	62.97
110-120	58.72
120-130	54.05
130-140	45.42
140-150	33.49
150-160	21.90
160-170	12.07
170-180	3.76

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L32-830-HE-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-2-L32-830-HE-DIM-UNV_.IES

UGR TABLE - CORRECTED

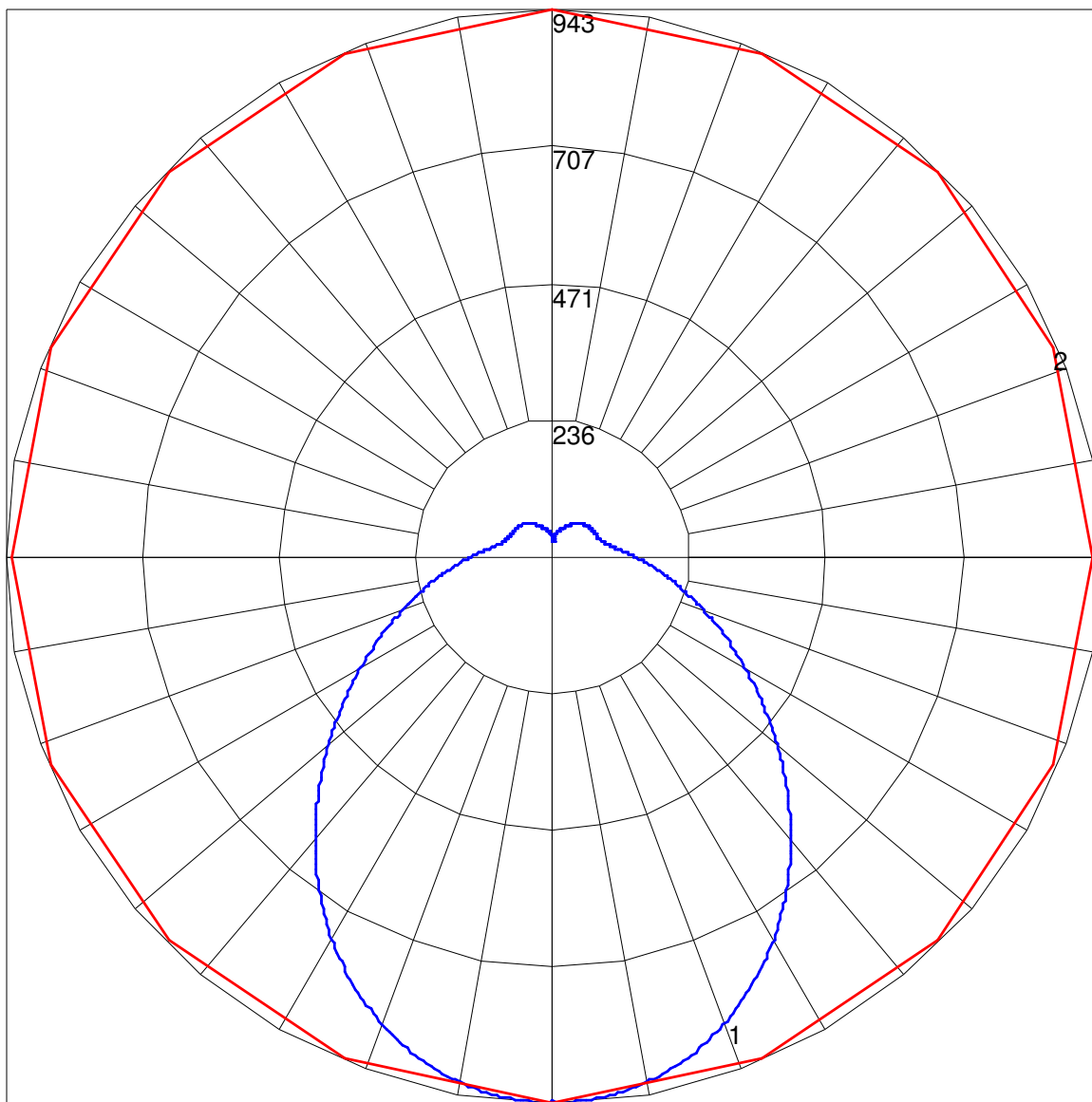
Reflectances

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	17.8	19.2	18.4	19.8	20.4	19.4	20.8	20.0	21.4	22.0
	3H	19.2	20.4	19.8	21.0	21.7	21.6	22.9	22.2	23.4	24.1
	4H	19.6	20.8	20.2	21.4	22.1	22.6	23.8	23.2	24.4	25.1
	6H	19.9	21.0	20.5	21.6	22.3	23.7	24.8	24.3	25.4	26.1
	8H	20.0	21.1	20.6	21.7	22.4	24.3	25.3	24.9	26.0	26.6
	12H	20.1	21.0	20.7	21.7	22.4	24.9	25.9	25.5	26.5	27.2
4H	2H	18.6	19.7	19.2	20.3	21.0	19.8	21.0	20.4	21.6	22.3
	3H	20.2	21.2	20.8	21.8	22.5	22.3	23.2	22.9	23.9	24.6
	4H	20.7	21.6	21.4	22.3	23.0	23.5	24.4	24.1	25.0	25.7
	6H	21.1	21.9	21.8	22.6	23.3	24.8	25.5	25.4	26.2	26.9
	8H	21.3	22.0	21.9	22.7	23.4	25.4	26.2	26.1	26.8	27.6
	12H	21.3	22.0	22.0	22.7	23.4	26.2	26.8	26.8	27.5	28.3
8H	4H	21.3	22.0	21.9	22.7	23.4	23.7	24.4	24.3	25.1	25.8
	6H	21.9	22.5	22.5	23.2	23.9	25.1	25.8	25.8	26.5	27.2
	8H	22.1	22.6	22.8	23.3	24.1	25.9	26.5	26.6	27.2	28.0
	12H	22.2	22.7	22.9	23.4	24.2	26.9	27.4	27.6	28.1	28.9
12H	4H	21.4	22.1	22.1	22.8	23.5	23.7	24.3	24.3	25.0	25.8
	6H	22.1	22.7	22.8	23.4	24.2	25.2	25.7	25.9	26.4	27.2
	8H	22.4	22.9	23.1	23.6	24.4	26.1	26.6	26.8	27.2	28.1

Maximum UGR = 28.9

POLAR GRAPH



Maximum Candela = 942.507 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.)