

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L32-840-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-L32-840-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	3012
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	175
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	12795	11556	11591
55	10984	9850	10175
65	9105	8386	9068
75	7094	7254	8476
85	4667	6989	8955

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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	974.733	974.733	974.733	974.733	974.733
0.5	970.111	973.809	974.425	974.117	980.589
1.0	970.111	974.117	974.117	973.809	980.280
1.5	969.186	974.117	973.809	973.501	980.589
2.0	968.878	973.193	973.809	973.193	979.664
2.5	968.878	973.193	972.884	972.884	979.048
3.0	967.954	972.268	972.268	972.268	978.431
3.5	967.337	971.344	971.344	971.652	977.815
4.0	966.721	970.727	970.727	970.419	977.199
4.5	965.180	969.803	970.111	969.803	976.274
5.0	964.256	968.878	968.878	968.878	975.350
5.5	963.023	967.646	967.646	967.954	974.117
6.0	962.407	966.105	966.413	966.413	972.884
6.5	960.250	964.872	965.180	965.180	971.344
7.0	959.017	963.331	963.639	963.331	970.111
7.5	957.784	961.482	962.099	962.099	968.570
8.0	956.243	960.250	960.250	960.250	966.413
8.5	954.703	958.092	958.709	958.709	964.564
9.0	952.237	956.552	956.860	956.552	962.407
9.5	950.696	954.394	954.394	954.394	961.174
10.0	948.231	951.929	951.929	952.545	958.709
10.5	946.074	949.772	950.080	950.080	956.552
11.0	943.917	947.615	947.923	947.615	954.086
11.5	941.143	945.149	945.766	945.149	951.929
12.0	938.678	942.376	942.992	942.992	949.156
12.5	936.213	939.602	940.527	939.911	946.690
13.0	933.439	937.137	937.753	937.445	943.917
13.5	930.666	934.055	934.672	934.672	941.451
14.0	927.276	930.974	931.590	931.590	938.062
14.5	924.502	927.892	928.508	928.508	935.596
15.0	921.729	924.810	925.119	925.119	931.898
15.5	918.339	921.112	922.037	922.037	928.200
16.0	914.641	917.723	918.647	918.647	925.119
16.5	911.559	914.025	914.949	915.257	921.729
17.0	907.245	910.018	911.251	911.559	918.031
17.5	903.547	906.320	907.553	907.861	914.333
18.0	900.157	902.622	903.547	904.471	910.943
18.5	896.151	898.924	899.849	900.465	906.937
19.0	892.145	894.302	895.843	896.459	902.622
19.5	887.522	890.604	891.836	893.069	898.616
20.0	882.591	885.981	887.522	888.447	894.302
20.5	877.661	881.975	883.208	884.440	890.296
21.0	873.655	877.044	877.969	880.434	885.981
21.5	869.032	872.422	873.963	875.195	881.359
22.0	864.101	868.108	869.648	870.881	877.353
22.5	859.787	862.561	864.718	866.567	872.730
23.0	854.548	857.630	859.787	861.636	867.799
23.5	849.001	852.391	855.165	857.014	863.177
24.0	843.454	847.152	849.926	852.083	858.246
24.5	838.832	841.913	844.995	846.844	852.699
25.0	833.593	836.674	840.064	841.913	847.769
25.5	827.738	831.436	834.209	836.983	841.913
26.0	822.191	825.580	829.278	831.744	837.291
26.5	816.335	819.725	824.040	826.197	832.052

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CANDELA TABULATION - (Cont.)

27.0	810.480	813.562	818.801	821.574	826.813
27.5	803.701	807.707	812.946	815.411	821.574
28.0	798.770	801.852	807.090	809.864	815.719
28.5	792.298	795.996	801.235	804.009	809.864
29.0	786.135	789.833	795.072	798.462	804.317
29.5	779.664	783.362	788.909	792.298	798.154
30.0	773.192	777.198	782.745	787.060	792.915
30.5	766.412	770.418	776.890	781.204	786.751
31.0	759.941	763.947	770.418	775.041	780.280
31.5	753.161	757.784	764.255	769.186	774.733
32.0	746.690	750.696	758.092	762.714	768.261
32.5	739.602	743.916	751.620	756.551	762.098
33.0	732.822	737.445	744.532	750.388	755.935
33.5	726.351	730.665	738.369	743.608	749.463
34.0	718.646	723.577	731.589	737.445	743.608
34.5	711.559	716.797	725.118	730.665	736.828
35.0	705.087	709.401	718.646	724.502	730.357
35.5	696.766	702.622	711.559	717.722	723.577
36.0	690.295	695.226	704.779	710.942	717.106
36.5	682.283	687.830	697.691	704.471	710.942
37.0	674.887	680.742	690.603	697.383	704.471
37.5	667.182	673.038	683.823	691.219	697.383
38.0	659.478	665.642	676.427	684.132	689.987
38.5	651.466	657.937	669.340	677.660	683.207
39.0	644.378	650.233	661.944	670.572	677.660
39.5	636.366	643.145	654.856	663.484	670.264
40.0	627.737	635.133	647.460	657.013	663.176
40.5	619.725	627.429	640.372	650.233	656.397
41.0	612.329	619.725	632.976	643.145	649.309
41.5	604.316	612.020	625.580	636.058	642.529
42.0	596.304	604.316	618.184	629.278	635.749
42.5	588.600	596.304	610.480	622.190	628.661
43.0	579.971	588.600	603.392	615.410	621.882
43.5	572.575	580.587	595.688	608.322	615.102
44.0	564.255	572.575	587.983	601.543	608.014
44.5	556.550	564.871	580.279	594.147	600.926
45.0	548.538	556.858	572.883	587.675	594.455
45.5	540.526	549.154	565.487	580.896	587.675
46.0	532.513	541.142	557.475	573.500	580.587
46.5	524.501	533.130	550.695	567.336	573.808
47.0	516.180	525.425	542.991	559.940	567.028
47.5	508.168	517.413	535.287	552.852	559.940
48.0	500.464	509.401	527.583	546.381	552.852
48.5	491.835	501.697	520.495	538.985	546.073
49.0	484.131	493.376	512.482	531.897	538.985
49.5	476.119	485.672	505.086	525.117	532.205
50.0	467.798	477.659	497.690	517.721	525.117
50.5	460.094	469.955	489.986	511.558	518.646
51.0	452.082	461.943	483.206	504.470	511.866
51.5	444.377	453.931	475.502	497.690	505.086
52.0	436.057	446.226	468.106	490.602	498.307
52.5	428.045	438.214	461.018	483.515	491.835
53.0	419.724	430.510	453.622	477.351	484.747
53.5	411.712	422.806	446.535	470.263	478.276
54.0	404.007	415.101	439.447	463.484	471.804
54.5	396.611	407.089	432.359	457.320	465.333

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CANDELA TABULATION - (Cont.)

55.0	388.907	399.693	425.271	450.233	459.478
55.5	382.436	391.989	418.183	443.761	452.390
56.0	375.040	385.209	411.403	437.290	445.918
56.5	367.336	378.121	404.316	430.818	439.755
57.0	359.940	371.034	397.536	424.347	433.283
57.5	352.235	363.638	391.681	418.183	426.196
58.0	344.531	356.242	384.901	411.403	420.957
58.5	337.135	348.845	378.121	405.548	414.793
59.0	329.739	341.449	371.650	400.309	408.322
59.5	322.343	334.362	365.795	393.838	403.391
60.0	314.947	326.966	359.323	387.675	397.228
60.5	307.705	319.878	352.852	381.819	391.064
61.0	300.432	312.790	346.380	375.964	385.209
61.5	293.221	305.764	339.909	370.109	379.662
62.0	286.133	298.799	333.745	364.562	373.807
62.5	279.138	291.896	327.274	359.015	368.260
63.0	272.050	285.024	321.110	353.160	363.329
63.5	265.024	278.244	315.255	347.613	357.782
64.0	258.183	271.557	309.092	341.758	352.235
64.5	251.372	265.024	303.237	336.211	346.688
65.0	244.623	258.460	297.351	330.664	341.449
65.5	237.967	252.050	291.526	325.117	335.902
66.0	231.218	245.640	285.764	319.570	330.664
66.5	224.623	239.384	280.032	314.331	325.425
67.0	218.183	233.190	274.331	308.784	320.186
67.5	211.711	227.089	268.753	303.607	314.947
68.0	205.332	221.141	263.206	298.368	310.016
68.5	199.045	215.224	257.782	293.283	304.870
69.0	192.790	209.369	252.420	288.167	300.001
69.5	186.626	203.637	247.119	283.206	295.163
70.0	180.494	197.998	241.911	278.337	290.355
70.5	174.515	192.420	236.703	273.468	285.610
71.0	168.598	186.904	231.588	268.660	280.925
71.5	162.743	181.511	226.595	263.976	276.303
72.0	157.011	176.087	221.603	259.323	271.804
72.5	151.249	170.848	216.734	254.762	267.335
73.0	145.640	165.640	211.896	250.263	262.836
73.5	140.185	160.494	207.212	245.794	258.460
74.0	134.792	155.501	202.466	241.480	254.053
74.5	129.492	150.478	197.936	237.196	249.893
75.0	124.222	145.578	193.437	233.005	245.856
75.5	119.045	140.802	188.999	228.845	241.757
76.0	114.022	136.118	184.685	224.716	237.751
76.5	109.030	131.495	180.401	220.679	233.745
77.0	104.099	126.903	176.179	216.672	229.862
77.5	99.261	122.435	172.019	212.790	226.010
78.0	94.484	118.059	167.982	208.968	222.220
78.5	89.800	113.745	163.976	205.116	218.460
79.0	85.208	109.554	160.093	201.387	214.762
79.5	80.647	105.393	156.272	197.751	211.064
80.0	76.148	101.295	152.450	194.145	207.551
80.5	71.772	97.319	148.752	190.509	203.976
81.0	67.519	93.406	145.208	186.996	200.494
81.5	63.205	89.584	141.665	183.514	197.011
82.0	59.045	85.855	138.213	180.155	193.652
82.5	54.977	82.188	134.823	176.796	190.355

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CANDELA TABULATION - (Cont.)

83.0	50.971	78.614	131.495	173.560	187.150
83.5	46.996	75.131	128.321	170.262	183.822
84.0	43.113	71.741	125.239	167.150	180.648
84.5	39.261	68.475	122.219	164.068	177.535
85.0	35.563	65.301	119.261	161.017	174.423
85.5	31.865	62.281	116.364	158.059	171.403
86.0	28.228	59.384	113.529	155.162	168.413
86.5	24.623	56.672	110.848	152.266	165.424
87.0	21.079	54.053	108.136	149.523	162.497
87.5	17.535	51.618	105.578	146.749	159.692
88.0	14.022	49.245	103.051	144.068	156.857
88.5	10.478	47.026	100.617	141.418	154.115
89.0	7.242	44.931	98.305	138.860	151.403
89.5	4.592	42.989	96.056	136.395	148.752
90.0	2.743	41.264	93.991	134.053	146.318
90.5	1.941	39.754	92.080	131.711	143.729
91.0	2.065	38.367	90.139	129.338	141.264
91.5	2.465	37.042	88.198	127.088	138.799
92.0	2.928	35.932	86.349	124.808	136.395
92.5	3.421	34.977	84.777	122.620	134.022
93.0	3.914	34.145	83.144	120.555	131.742
93.5	4.438	33.498	81.603	118.521	129.584
94.0	4.992	32.943	80.154	116.611	127.489
94.5	5.516	32.542	78.798	114.669	125.332
95.0	6.040	32.234	77.535	112.758	123.267
95.5	6.533	32.019	76.364	110.940	121.233
96.0	6.934	31.926	75.347	109.184	119.230
96.5	7.334	31.926	74.330	107.550	117.381
97.0	7.704	31.957	73.405	105.979	115.532
97.5	8.105	32.080	72.543	104.469	113.837
98.0	8.444	32.203	71.772	102.990	112.111
98.5	8.844	32.358	71.125	101.572	110.509
99.0	9.245	32.542	70.447	100.247	108.937
99.5	9.676	32.758	69.862	98.983	107.396
100.0	10.046	32.974	69.399	97.812	106.010
100.5	10.478	33.220	68.937	96.672	104.592
101.0	10.847	33.467	68.598	95.594	103.329
101.5	11.217	33.714	68.259	94.577	102.034
102.0	11.556	33.960	68.013	93.621	100.894
102.5	11.895	34.207	67.766	92.728	99.754
103.0	12.234	34.484	67.581	91.834	98.737
103.5	12.604	34.761	67.427	91.063	97.689
104.0	13.005	35.008	67.273	90.355	96.734
104.5	13.405	35.285	67.180	89.677	95.840
105.0	13.775	35.563	67.088	89.060	94.977
105.5	14.114	35.809	66.996	88.413	94.238
106.0	14.515	36.117	66.965	87.859	93.498
106.5	14.884	36.395	66.965	87.335	92.758
107.0	15.254	36.703	66.965	86.842	92.142
107.5	15.593	36.949	66.965	86.472	91.495
108.0	16.025	37.257	66.965	86.040	90.848
108.5	16.425	37.566	66.996	85.732	90.416
109.0	16.826	37.812	67.057	85.332	89.985
109.5	17.257	38.089	67.088	85.054	89.523
110.0	17.689	38.367	67.150	84.746	89.153
110.5	18.120	38.644	67.211	84.469	88.814

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CANDELA TABULATION - (Cont.)

111.0	18.552	38.922	67.242	84.222	88.444
111.5	18.983	39.168	67.273	84.037	88.136
112.0	19.445	39.445	67.335	83.852	87.766
112.5	19.908	39.723	67.396	83.637	87.427
113.0	20.401	40.000	67.489	83.483	87.273
113.5	20.863	40.247	67.489	83.328	87.057
114.0	21.356	40.493	67.550	83.205	86.842
114.5	21.818	40.771	67.612	83.051	86.657
115.0	22.311	40.986	67.674	82.959	86.503
115.5	22.804	41.264	67.674	82.866	86.349
116.0	23.267	41.510	67.766	82.743	86.164
116.5	23.698	41.757	67.828	82.620	86.102
117.0	24.191	42.034	67.889	82.620	85.948
117.5	24.653	42.250	67.951	82.496	85.855
118.0	25.054	42.465	68.013	82.435	85.732
118.5	25.516	42.681	68.043	82.342	85.701
119.0	25.917	42.897	68.105	82.250	85.516
119.5	26.348	43.051	68.167	82.157	85.486
120.0	26.749	43.205	68.136	82.096	85.332
120.5	27.150	43.390	68.167	81.973	85.301
121.0	27.550	43.513	68.228	81.880	85.177
121.5	27.982	43.667	68.197	81.757	85.116
122.0	28.382	43.852	68.197	81.695	85.023
122.5	28.783	44.037	68.228	81.572	84.808
123.0	29.183	44.222	68.197	81.449	84.777
123.5	29.553	44.376	68.136	81.356	84.592
124.0	29.861	44.499	68.136	81.264	84.561
124.5	30.170	44.623	68.136	81.110	84.438
125.0	30.478	44.777	68.074	80.956	84.315
125.5	30.786	44.869	68.013	80.863	84.161
126.0	31.063	44.992	67.982	80.678	84.037
126.5	31.310	45.147	67.920	80.555	83.945
127.0	31.587	45.208	67.858	80.401	83.822
127.5	31.803	45.301	67.766	80.247	83.606
128.0	32.080	45.301	67.735	80.062	83.483
128.5	32.296	45.362	67.612	79.908	83.359
129.0	32.512	45.424	67.489	79.754	83.205
129.5	32.697	45.516	67.273	79.507	83.020
130.0	32.851	45.578	67.057	79.353	82.835
130.5	33.005	45.640	66.811	79.168	82.620
131.0	33.097	45.732	66.564	78.891	82.404
131.5	33.220	45.824	66.318	78.644	82.188
132.0	33.344	45.917	66.040	78.490	82.003
132.5	33.405	45.948	65.732	78.182	81.726
133.0	33.498	45.979	65.609	77.905	81.387
133.5	33.529	45.948	65.424	77.689	81.233
134.0	33.559	45.886	65.301	77.442	81.017
134.5	33.652	45.763	65.147	77.165	80.617
135.0	33.744	45.670	64.962	76.795	80.308
135.5	33.714	45.424	64.808	76.549	80.062
136.0	33.775	45.393	64.592	76.241	79.754
136.5	33.837	45.301	64.438	75.902	79.446
137.0	33.868	45.147	64.191	75.624	79.107
137.5	33.898	44.992	63.976	75.254	78.798
138.0	33.960	44.900	63.667	74.946	78.429
138.5	33.960	44.777	63.267	74.607	78.151

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CANDELA TABULATION - (Cont.)

139.0	33.929	44.684	62.805	74.207	77.720
139.5	33.929	44.561	62.250	73.775	77.412
140.0	33.929	44.407	61.633	73.375	76.980
140.5	33.929	44.314	61.079	72.882	76.518
141.0	33.929	44.253	60.462	72.358	76.148
141.5	33.929	44.130	59.846	71.895	75.778
142.0	33.898	44.068	59.261	71.310	75.378
142.5	33.868	43.975	58.644	70.786	74.915
143.0	33.837	43.883	58.059	70.293	74.453
143.5	33.837	43.760	57.381	69.769	74.022
144.0	33.837	43.606	56.795	69.368	73.529
144.5	33.929	43.482	56.210	68.906	73.097
145.0	34.052	43.359	55.563	68.506	72.604
145.5	34.268	43.205	54.977	68.105	72.111
146.0	34.546	43.082	54.422	67.674	71.649
146.5	34.823	42.959	53.960	67.211	71.125
147.0	35.100	42.804	53.436	66.749	70.601
147.5	35.347	42.743	53.036	66.287	70.077
148.0	35.624	42.620	52.604	65.763	69.523
148.5	35.871	42.589	52.265	65.270	68.968
149.0	36.179	42.589	51.895	64.777	68.475
149.5	36.395	42.681	51.556	64.253	67.858
150.0	36.641	42.743	51.217	63.760	67.211
150.5	36.857	42.774	50.848	63.205	66.533
151.0	37.011	42.866	50.355	62.650	65.732
151.5	37.165	42.897	49.831	62.065	64.993
152.0	37.350	42.959	49.338	61.449	64.253
152.5	37.535	43.020	48.875	60.801	63.452
153.0	37.658	43.051	48.382	60.062	62.805
153.5	37.812	43.143	47.858	59.291	62.065
154.0	37.935	43.113	47.396	58.429	61.449
154.5	38.089	43.143	46.996	57.596	60.832
155.0	38.151	43.205	46.595	56.641	60.370
155.5	38.274	43.236	46.194	55.747	59.877
156.0	38.367	43.236	45.917	54.792	59.445
156.5	38.521	43.236	45.640	53.837	58.891
157.0	38.583	43.298	45.362	52.974	58.367
157.5	38.675	43.298	45.177	52.142	57.781
158.0	38.798	43.267	45.085	51.279	57.227
158.5	38.829	43.267	44.962	50.570	56.580
159.0	38.983	43.174	44.869	49.892	56.025
159.5	39.106	43.113	44.715	49.245	55.408
160.0	39.261	43.051	44.561	48.721	54.792
160.5	39.445	43.020	44.438	48.228	54.207
161.0	39.569	42.928	44.407	47.704	53.621
161.5	39.754	42.897	44.345	47.180	53.190
162.0	39.908	42.835	44.438	46.749	52.820
162.5	40.062	42.835	44.499	46.287	52.388
163.0	40.247	42.804	44.530	45.794	52.019
163.5	40.401	42.804	44.592	45.270	51.556
164.0	40.462	42.804	44.653	44.623	51.125
164.5	40.555	42.743	44.592	44.130	50.570
165.0	40.647	42.743	44.499	43.637	50.016
165.5	40.740	42.712	44.407	43.298	49.430
166.0	40.832	42.681	44.345	42.928	48.536
166.5	40.925	42.681	44.253	42.620	48.105

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L32-840-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	41.048	42.681	44.160	42.342	47.766
167.5	41.110	42.681	43.975	42.096	47.427
168.0	41.202	42.681	43.821	41.849	47.150
168.5	41.387	42.558	43.606	41.633	46.811
169.0	41.479	42.589	43.452	41.418	46.472
169.5	41.633	42.496	43.205	41.171	46.102
170.0	41.695	42.465	42.989	40.863	45.763
170.5	41.787	42.404	42.712	40.524	45.393
171.0	41.849	42.342	42.404	40.154	44.931
171.5	41.942	42.342	42.126	39.815	44.561
172.0	42.096	42.281	41.972	39.476	44.006
172.5	42.188	42.281	41.787	39.106	43.390
173.0	42.311	42.219	41.633	38.767	42.342
173.5	42.465	42.250	41.572	38.428	40.771
174.0	42.589	42.250	41.541	38.151	38.829
174.5	42.681	42.250	41.479	37.874	36.518
175.0	42.866	42.342	41.449	37.658	33.898
175.5	42.928	42.373	41.418	37.566	31.156
176.0	43.051	42.435	41.418	37.473	29.368
176.5	43.082	42.465	41.387	37.473	28.105
177.0	43.205	42.527	41.325	37.381	26.811
177.5	43.236	42.527	41.233	37.350	26.533
178.0	43.359	42.589	41.202	37.319	26.595
178.5	43.421	42.620	41.233	37.257	26.656
179.0	43.482	42.620	41.202	37.165	26.687
179.5	43.544	42.620	41.171	37.134	26.718
180.0	39.045	39.045	39.045	39.045	39.045

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L32-840-HE-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	352.81	N.A.	11.70
0-30	739.26	N.A.	24.50
0-40	1187.52	N.A.	39.40
0-60	2009.73	N.A.	66.70
0-80	2503.76	N.A.	83.10
0-90	2628.01	N.A.	87.30
10-90	2536.03	N.A.	84.20
20-40	834.71	N.A.	27.70
20-50	1276.14	N.A.	42.40
40-70	1115.09	N.A.	37.00
60-80	494.03	N.A.	16.40
70-80	201.15	N.A.	6.70
80-90	124.25	N.A.	4.10
90-110	145.12	N.A.	4.80
90-120	206.22	N.A.	6.80
90-130	262.45	N.A.	8.70
90-150	344.55	N.A.	11.40
90-180	383.79	N.A.	12.70
110-180	238.67	N.A.	7.90
0-180	3011.8	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	91.98
10-20	260.83
20-30	386.45
30-40	448.26
40-50	441.43
50-60	380.78
60-70	292.88
70-80	201.15
80-90	124.25
90-100	79.61
100-110	65.52
110-120	61.10
120-130	56.23
130-140	47.25
140-150	34.85
150-160	22.78
160-170	12.55
170-180	3.91

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L32-840-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-L32-840-HE-DIM-UNV_.IES

UGR TABLE - CORRECTED

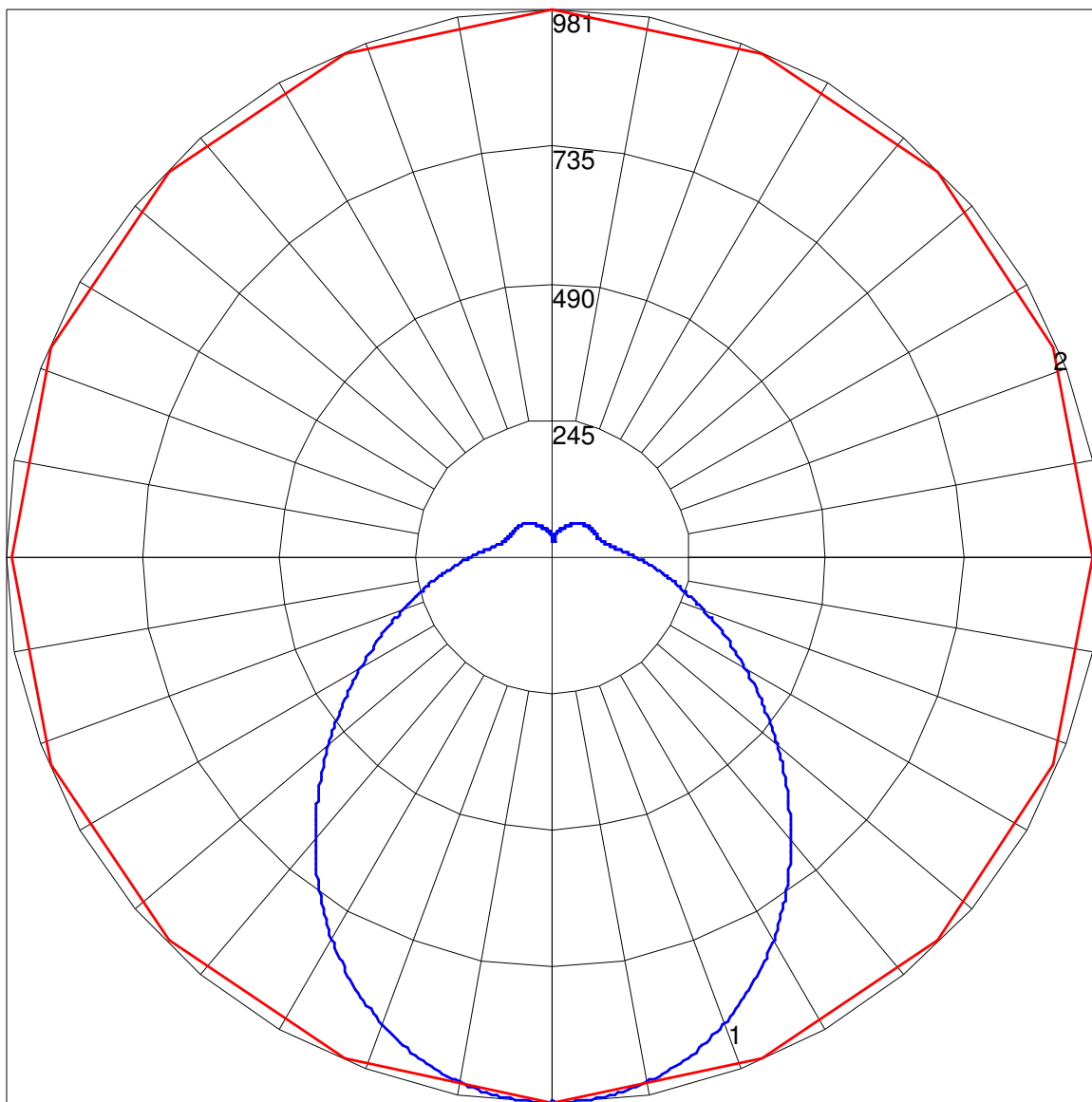
Reflectances

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	17.9	19.3	18.5	19.9	20.5	19.5	20.9	20.1	21.5	22.1
	3H	19.3	20.5	19.9	21.1	21.8	21.7	22.9	22.3	23.5	24.2
	4H	19.7	20.9	20.3	21.5	22.2	22.7	23.9	23.3	24.5	25.2
	6H	20.0	21.1	20.6	21.7	22.4	23.8	24.9	24.4	25.5	26.2
	8H	20.1	21.2	20.7	21.8	22.5	24.4	25.4	25.0	26.0	26.7
	12H	20.2	21.1	20.8	21.8	22.5	25.0	26.0	25.6	26.6	27.3
4H	2H	18.7	19.8	19.3	20.4	21.1	19.9	21.1	20.5	21.7	22.4
	3H	20.3	21.3	20.9	21.9	22.6	22.3	23.3	23.0	24.0	24.7
	4H	20.8	21.7	21.5	22.4	23.1	23.6	24.5	24.2	25.1	25.8
	6H	21.2	22.0	21.9	22.7	23.4	24.8	25.6	25.5	26.3	27.0
	8H	21.4	22.1	22.0	22.8	23.5	25.5	26.3	26.2	26.9	27.7
	12H	21.4	22.1	22.1	22.8	23.5	26.3	26.9	26.9	27.6	28.4
8H	4H	21.4	22.1	22.0	22.8	23.5	23.8	24.5	24.4	25.2	25.9
	6H	22.0	22.6	22.6	23.3	24.0	25.2	25.9	25.9	26.6	27.3
	8H	22.2	22.7	22.9	23.4	24.2	26.0	26.6	26.7	27.3	28.1
	12H	22.3	22.8	23.0	23.5	24.3	27.0	27.5	27.7	28.2	29.0
12H	4H	21.5	22.2	22.2	22.9	23.6	23.8	24.4	24.4	25.1	25.9
	6H	22.2	22.8	22.9	23.5	24.3	25.3	25.8	26.0	26.5	27.3
	8H	22.5	23.0	23.2	23.7	24.5	26.2	26.7	26.9	27.3	28.2

Maximum UGR = 29.0

POLAR GRAPH



Maximum Candela = 980.589 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.)