

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L25-840-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-L25-840-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	2545
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	172
Total Luminaire Watts	14.8
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	10812	9765	9795
55	9282	8324	8599
65	7694	7087	7663
75	5995	6130	7163
85	3944	5906	7568

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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	823.723	823.723	823.723	823.723	823.723
0.5	819.817	822.942	823.463	823.202	828.671
1.0	819.817	823.202	823.202	822.942	828.411
1.5	819.035	823.202	822.942	822.681	828.671
2.0	818.775	822.421	822.942	822.421	827.890
2.5	818.775	822.421	822.161	822.161	827.369
3.0	817.994	821.640	821.640	821.640	826.848
3.5	817.473	820.858	820.858	821.119	826.327
4.0	816.952	820.338	820.338	820.077	825.806
4.5	815.650	819.556	819.817	819.556	825.025
5.0	814.869	818.775	818.775	818.775	824.244
5.5	813.827	817.733	817.733	817.994	823.202
6.0	813.306	816.431	816.692	816.692	822.161
6.5	811.483	815.389	815.650	815.650	820.858
7.0	810.441	814.087	814.348	814.087	819.817
7.5	809.400	812.525	813.046	813.046	818.515
8.0	808.098	811.483	811.483	811.483	816.692
8.5	806.795	809.660	810.181	810.181	815.129
9.0	804.712	808.358	808.618	808.358	813.306
9.5	803.410	806.535	806.535	806.535	812.264
10.0	801.327	804.452	804.452	804.972	810.181
10.5	799.504	802.629	802.889	802.889	808.358
11.0	797.681	800.806	801.066	800.806	806.275
11.5	795.337	798.722	799.243	798.722	804.452
12.0	793.253	796.378	796.899	796.899	802.108
12.5	791.170	794.035	794.816	794.295	800.024
13.0	788.826	791.951	792.472	792.212	797.681
13.5	786.482	789.347	789.868	789.868	795.597
14.0	783.618	786.743	787.264	787.264	792.733
14.5	781.274	784.139	784.659	784.659	790.649
15.0	778.930	781.534	781.795	781.795	787.524
15.5	776.065	778.409	779.190	779.190	784.399
16.0	772.940	775.545	776.326	776.326	781.795
16.5	770.336	772.419	773.201	773.461	778.930
17.0	766.690	769.034	770.076	770.336	775.805
17.5	763.565	765.909	766.950	767.211	772.680
18.0	760.700	762.784	763.565	764.346	769.815
18.5	757.315	759.659	760.440	760.961	766.430
19.0	753.929	755.752	757.054	757.575	762.784
19.5	750.023	752.627	753.669	754.711	759.398
20.0	745.856	748.721	750.023	750.804	755.752
20.5	741.689	745.335	746.377	747.419	752.367
21.0	738.304	741.168	741.950	744.033	748.721
21.5	734.397	737.262	738.564	739.606	744.814
22.0	730.231	733.616	734.918	735.960	741.429
22.5	726.585	728.928	730.751	732.314	737.523
23.0	722.157	724.762	726.585	728.147	733.356
23.5	717.470	720.334	722.678	724.241	729.449
24.0	712.782	715.907	718.251	720.074	725.283
24.5	708.876	711.480	714.084	715.647	720.595
25.0	704.449	707.053	709.917	711.480	716.428
25.5	699.501	702.626	704.969	707.313	711.480
26.0	694.813	697.678	700.803	702.886	707.574
26.5	689.865	692.729	696.375	698.198	703.146

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CANDELA TABULATION - (Cont.)

27.0	684.917	687.521	691.948	694.292	698.719
27.5	679.187	682.573	687.000	689.084	694.292
28.0	675.021	677.625	682.052	684.396	689.344
28.5	669.552	672.677	677.104	679.448	684.396
29.0	664.343	667.468	671.896	674.760	679.708
29.5	658.874	661.999	666.687	669.552	674.500
30.0	653.405	656.791	661.479	665.124	670.073
30.5	647.676	651.062	656.530	660.176	664.864
31.0	642.207	645.593	651.062	654.968	659.395
31.5	636.478	640.384	645.853	650.020	654.707
32.0	631.009	634.394	640.645	644.551	649.239
32.5	625.019	628.665	635.176	639.342	644.030
33.0	619.290	623.196	629.186	634.134	638.822
33.5	613.821	617.467	623.977	628.405	633.353
34.0	607.310	611.477	618.248	623.196	628.405
34.5	601.320	605.748	612.779	617.467	622.675
35.0	595.852	599.497	607.310	612.258	617.206
35.5	588.820	593.768	601.320	606.529	611.477
36.0	583.351	587.518	595.591	600.800	606.008
36.5	576.580	581.268	589.601	595.331	600.800
37.0	570.330	575.278	583.612	589.341	595.331
37.5	563.819	568.767	577.882	584.132	589.341
38.0	557.309	562.517	571.632	578.143	583.091
38.5	550.538	556.007	565.642	572.674	577.361
39.0	544.548	549.496	559.392	566.684	572.674
39.5	537.777	543.506	553.402	560.694	566.424
40.0	530.485	536.735	547.152	555.225	560.434
40.5	523.714	530.225	541.162	549.496	554.704
41.0	517.464	523.714	534.912	543.506	548.715
41.5	510.693	517.203	528.662	537.516	542.985
42.0	503.922	510.693	522.412	531.787	537.256
42.5	497.411	503.922	515.901	525.797	531.266
43.0	490.119	497.411	509.911	520.068	525.537
43.5	483.869	490.640	503.401	514.078	519.808
44.0	476.837	483.869	496.890	508.349	513.818
44.5	470.327	477.358	490.380	502.099	507.828
45.0	463.556	470.587	484.129	496.630	502.359
45.5	456.785	464.077	477.879	490.900	496.630
46.0	450.014	457.306	471.108	484.650	490.640
46.5	443.243	450.535	465.379	479.442	484.911
47.0	436.211	444.024	458.868	473.192	479.181
47.5	429.440	437.253	452.358	467.202	473.192
48.0	422.930	430.482	445.847	461.733	467.202
48.5	415.638	423.971	439.857	455.483	461.472
49.0	409.127	416.940	433.086	449.493	455.483
49.5	402.356	410.429	426.836	443.764	449.753
50.0	395.325	403.658	420.586	437.513	443.764
50.5	388.814	397.148	414.075	432.305	438.295
51.0	382.043	390.376	408.346	426.315	432.565
51.5	375.532	383.605	401.835	420.586	426.836
52.0	368.501	377.095	395.585	414.596	421.107
52.5	361.730	370.324	389.595	408.606	415.638
53.0	354.698	363.813	383.345	403.398	409.648
53.5	347.927	357.303	377.355	397.408	404.179
54.0	341.417	350.792	371.365	391.679	398.710
54.5	335.166	344.021	365.376	386.470	393.241

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CANDELA TABULATION - (Cont.)

55.0	328.656	337.771	359.386	380.480	388.293
55.5	323.187	331.260	353.396	375.011	382.303
56.0	316.937	325.531	347.667	369.543	376.834
56.5	310.426	319.541	341.677	364.074	371.626
57.0	304.176	313.551	335.948	358.605	366.157
57.5	297.665	307.301	331.000	353.396	360.167
58.0	291.155	301.051	325.270	347.667	355.740
58.5	284.905	294.801	319.541	342.719	350.532
59.0	278.654	288.550	314.072	338.292	345.063
59.5	272.404	282.561	309.124	332.823	340.896
60.0	266.154	276.311	303.655	327.614	335.687
60.5	260.034	270.321	298.186	322.666	330.479
61.0	253.888	264.331	292.717	317.718	325.531
61.5	247.794	258.393	287.248	312.770	320.843
62.0	241.804	252.508	282.040	308.082	315.895
62.5	235.893	246.674	276.571	303.395	311.207
63.0	229.903	240.867	271.362	298.447	307.041
63.5	223.965	235.137	266.414	293.759	302.353
64.0	218.184	229.486	261.206	288.811	297.665
64.5	212.428	223.965	256.258	284.123	292.978
65.0	206.725	218.418	251.284	279.436	288.550
65.5	201.100	213.001	246.362	274.748	283.863
66.0	195.397	207.584	241.492	270.060	279.436
66.5	189.824	202.298	236.648	265.633	275.008
67.0	184.381	197.063	231.830	260.945	270.581
67.5	178.912	191.907	227.116	256.570	266.154
68.0	173.521	186.881	222.429	252.143	261.987
68.5	168.208	181.881	217.845	247.846	257.638
69.0	162.922	176.932	213.314	243.523	253.523
69.5	157.713	172.089	208.834	239.330	249.435
70.0	152.531	167.323	204.433	235.216	245.372
70.5	147.478	162.609	200.032	231.101	241.362
71.0	142.478	157.948	195.709	227.038	237.403
71.5	137.530	153.390	191.490	223.080	233.497
72.0	132.686	148.807	187.271	219.147	229.695
72.5	127.816	144.379	183.157	215.293	225.918
73.0	123.077	139.978	179.068	211.491	222.116
73.5	118.467	135.629	175.110	207.715	218.418
74.0	113.910	131.410	171.099	204.069	214.694
74.5	109.430	127.165	167.271	200.449	211.178
75.0	104.977	123.025	163.469	196.907	207.767
75.5	100.602	118.988	159.718	193.391	204.303
76.0	96.357	115.030	156.072	189.902	200.918
76.5	92.138	111.123	152.453	186.490	197.532
77.0	87.971	107.243	148.885	183.105	194.251
77.5	83.883	103.467	145.369	179.823	190.995
78.0	79.846	99.769	141.957	176.594	187.792
78.5	75.888	96.123	138.572	173.339	184.615
79.0	72.007	92.581	135.291	170.187	181.490
79.5	68.153	89.065	132.061	167.114	178.365
80.0	64.351	85.602	128.832	164.068	175.396
80.5	60.653	82.242	125.707	160.994	172.375
81.0	57.059	78.935	122.712	158.026	169.432
81.5	53.413	75.705	119.717	155.083	166.489
82.0	49.897	72.554	116.800	152.244	163.651
82.5	46.460	69.455	113.936	149.406	160.864

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CANDELA TABULATION - (Cont.)

83.0	43.074	66.434	111.123	146.671	158.156
83.5	39.715	63.492	108.441	143.885	155.343
84.0	36.433	60.627	105.837	141.254	152.661
84.5	33.178	57.866	103.284	138.650	150.031
85.0	30.053	55.184	100.784	136.072	147.400
85.5	26.928	52.632	98.336	133.572	144.848
86.0	23.855	50.184	95.940	131.124	142.322
86.5	20.808	47.892	93.675	128.676	139.796
87.0	17.813	45.678	91.383	126.358	137.322
87.5	14.818	43.621	89.221	124.014	134.952
88.0	11.849	41.616	87.086	121.749	132.556
88.5	8.854	39.741	85.029	119.509	130.238
89.0	6.120	37.970	83.075	117.347	127.947
89.5	3.880	36.329	81.174	115.264	125.707
90.0	2.318	34.871	79.430	113.285	123.650
90.5	1.641	33.595	77.815	111.305	121.462
91.0	1.745	32.423	76.174	109.300	119.379
91.5	2.083	31.303	74.534	107.399	117.295
92.0	2.474	30.366	72.971	105.472	115.264
92.5	2.891	29.558	71.643	103.623	113.259
93.0	3.307	28.855	70.263	101.878	111.332
93.5	3.750	28.308	68.960	100.159	109.509
94.0	4.219	27.839	67.736	98.545	107.738
94.5	4.662	27.501	66.591	96.904	105.915
95.0	5.104	27.240	65.523	95.289	104.170
95.5	5.521	27.058	64.533	93.753	102.451
96.0	5.860	26.980	63.674	92.268	100.758
96.5	6.198	26.980	62.814	90.888	99.196
97.0	6.511	27.006	62.033	89.560	97.633
97.5	6.849	27.110	61.304	88.284	96.201
98.0	7.136	27.214	60.653	87.034	94.742
98.5	7.474	27.345	60.106	85.836	93.388
99.0	7.813	27.501	59.533	84.716	92.060
99.5	8.177	27.683	59.038	83.648	90.758
100.0	8.490	27.865	58.648	82.659	89.586
100.5	8.854	28.074	58.257	81.695	88.388
101.0	9.167	28.282	57.971	80.784	87.320
101.5	9.479	28.490	57.684	79.924	86.227
102.0	9.766	28.699	57.476	79.117	85.263
102.5	10.052	28.907	57.267	78.362	84.299
103.0	10.339	29.142	57.111	77.607	83.440
103.5	10.651	29.376	56.981	76.955	82.555
104.0	10.990	29.584	56.851	76.356	81.747
104.5	11.328	29.819	56.773	75.784	80.992
105.0	11.641	30.053	56.694	75.263	80.263
105.5	11.927	30.261	56.616	74.716	79.638
106.0	12.266	30.522	56.590	74.247	79.013
106.5	12.579	30.756	56.590	73.804	78.388
107.0	12.891	31.017	56.590	73.388	77.867
107.5	13.177	31.225	56.590	73.075	77.320
108.0	13.542	31.485	56.590	72.711	76.773
108.5	13.881	31.746	56.616	72.450	76.409
109.0	14.219	31.954	56.668	72.112	76.044
109.5	14.584	32.188	56.694	71.877	75.653
110.0	14.948	32.423	56.747	71.617	75.341
110.5	15.313	32.657	56.799	71.382	75.054

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CANDELA TABULATION - (Cont.)

111.0	15.678	32.892	56.825	71.174	74.742
111.5	16.042	33.100	56.851	71.018	74.481
112.0	16.433	33.334	56.903	70.862	74.169
112.5	16.823	33.569	56.955	70.679	73.882
113.0	17.240	33.803	57.033	70.549	73.752
113.5	17.631	34.011	57.033	70.419	73.570
114.0	18.047	34.220	57.085	70.315	73.388
114.5	18.438	34.454	57.137	70.184	73.231
115.0	18.855	34.636	57.189	70.106	73.101
115.5	19.271	34.871	57.189	70.028	72.971
116.0	19.662	35.079	57.267	69.924	72.815
116.5	20.027	35.288	57.319	69.820	72.763
117.0	20.443	35.522	57.372	69.820	72.632
117.5	20.834	35.704	57.424	69.716	72.554
118.0	21.173	35.887	57.476	69.664	72.450
118.5	21.563	36.069	57.502	69.585	72.424
119.0	21.902	36.251	57.554	69.507	72.268
119.5	22.266	36.381	57.606	69.429	72.242
120.0	22.605	36.512	57.580	69.377	72.112
120.5	22.943	36.668	57.606	69.273	72.086
121.0	23.282	36.772	57.658	69.195	71.981
121.5	23.647	36.902	57.632	69.091	71.929
122.0	23.985	37.058	57.632	69.039	71.851
122.5	24.324	37.215	57.658	68.934	71.669
123.0	24.662	37.371	57.632	68.830	71.643
123.5	24.975	37.501	57.580	68.752	71.487
124.0	25.235	37.605	57.580	68.674	71.461
124.5	25.496	37.709	57.580	68.544	71.356
125.0	25.756	37.840	57.528	68.414	71.252
125.5	26.016	37.918	57.476	68.335	71.122
126.0	26.251	38.022	57.450	68.179	71.018
126.5	26.459	38.152	57.398	68.075	70.940
127.0	26.694	38.204	57.345	67.945	70.835
127.5	26.876	38.282	57.267	67.815	70.653
128.0	27.110	38.282	57.241	67.658	70.549
128.5	27.292	38.335	57.137	67.528	70.445
129.0	27.475	38.387	57.033	67.398	70.315
129.5	27.631	38.465	56.851	67.190	70.158
130.0	27.761	38.517	56.668	67.059	70.002
130.5	27.891	38.569	56.460	66.903	69.820
131.0	27.970	38.647	56.252	66.669	69.638
131.5	28.074	38.725	56.043	66.460	69.455
132.0	28.178	38.803	55.809	66.330	69.299
132.5	28.230	38.829	55.549	66.070	69.065
133.0	28.308	38.855	55.444	65.835	68.778
133.5	28.334	38.829	55.288	65.653	68.648
134.0	28.360	38.777	55.184	65.445	68.466
134.5	28.438	38.673	55.054	65.210	68.127
135.0	28.516	38.595	54.898	64.898	67.867
135.5	28.490	38.387	54.767	64.689	67.658
136.0	28.543	38.361	54.585	64.429	67.398
136.5	28.595	38.282	54.455	64.143	67.137
137.0	28.621	38.152	54.246	63.908	66.851
137.5	28.647	38.022	54.064	63.596	66.591
138.0	28.699	37.944	53.804	63.335	66.278
138.5	28.699	37.840	53.465	63.049	66.044

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CANDELA TABULATION - (Cont.)

139.0	28.673	37.762	53.075	62.710	65.679
139.5	28.673	37.657	52.606	62.346	65.419
140.0	28.673	37.527	52.085	62.007	65.054
140.5	28.673	37.449	51.616	61.590	64.663
141.0	28.673	37.397	51.095	61.148	64.351
141.5	28.673	37.293	50.574	60.757	64.038
142.0	28.647	37.241	50.080	60.262	63.700
142.5	28.621	37.163	49.559	59.820	63.309
143.0	28.595	37.084	49.064	59.403	62.919
143.5	28.595	36.980	48.491	58.960	62.554
144.0	28.595	36.850	47.996	58.622	62.137
144.5	28.673	36.746	47.501	58.231	61.773
145.0	28.777	36.642	46.955	57.892	61.356
145.5	28.959	36.512	46.460	57.554	60.939
146.0	29.194	36.407	45.991	57.189	60.549
146.5	29.428	36.303	45.600	56.799	60.106
147.0	29.662	36.173	45.158	56.408	59.663
147.5	29.871	36.121	44.819	56.017	59.221
148.0	30.105	36.017	44.454	55.575	58.752
148.5	30.313	35.991	44.168	55.158	58.283
149.0	30.574	35.991	43.856	54.741	57.866
149.5	30.756	36.069	43.569	54.299	57.345
150.0	30.964	36.121	43.283	53.882	56.799
150.5	31.147	36.147	42.970	53.413	56.226
151.0	31.277	36.225	42.553	52.944	55.549
151.5	31.407	36.251	42.111	52.450	54.924
152.0	31.563	36.303	41.694	51.929	54.299
152.5	31.720	36.355	41.303	51.382	53.621
153.0	31.824	36.381	40.887	50.757	53.075
153.5	31.954	36.459	40.444	50.106	52.450
154.0	32.058	36.433	40.053	49.377	51.929
154.5	32.188	36.459	39.715	48.673	51.408
155.0	32.241	36.512	39.376	47.866	51.017
155.5	32.345	36.538	39.038	47.111	50.601
156.0	32.423	36.538	38.803	46.303	50.236
156.5	32.553	36.538	38.569	45.496	49.767
157.0	32.605	36.590	38.335	44.767	49.324
157.5	32.683	36.590	38.178	44.064	48.830
158.0	32.787	36.564	38.100	43.335	48.361
158.5	32.814	36.564	37.996	42.736	47.814
159.0	32.944	36.485	37.918	42.163	47.345
159.5	33.048	36.433	37.788	41.616	46.824
160.0	33.178	36.381	37.657	41.173	46.303
160.5	33.334	36.355	37.553	40.756	45.809
161.0	33.439	36.277	37.527	40.314	45.314
161.5	33.595	36.251	37.475	39.871	44.949
162.0	33.725	36.199	37.553	39.506	44.637
162.5	33.855	36.199	37.605	39.116	44.272
163.0	34.011	36.173	37.631	38.699	43.960
163.5	34.142	36.173	37.683	38.256	43.569
164.0	34.194	36.173	37.736	37.709	43.204
164.5	34.272	36.121	37.683	37.293	42.736
165.0	34.350	36.121	37.605	36.876	42.267
165.5	34.428	36.095	37.527	36.590	41.772
166.0	34.506	36.069	37.475	36.277	41.017
166.5	34.584	36.069	37.397	36.017	40.652

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	34.689	36.069	37.319	35.782	40.366
167.5	34.741	36.069	37.163	35.574	40.079
168.0	34.819	36.069	37.032	35.366	39.845
168.5	34.975	35.965	36.850	35.183	39.558
169.0	35.053	35.991	36.720	35.001	39.272
169.5	35.183	35.913	36.512	34.793	38.960
170.0	35.235	35.887	36.329	34.532	38.673
170.5	35.314	35.834	36.095	34.246	38.361
171.0	35.366	35.782	35.834	33.933	37.970
171.5	35.444	35.782	35.600	33.647	37.657
172.0	35.574	35.730	35.470	33.360	37.189
172.5	35.652	35.730	35.314	33.048	36.668
173.0	35.756	35.678	35.183	32.761	35.782
173.5	35.887	35.704	35.131	32.475	34.454
174.0	35.991	35.704	35.105	32.241	32.814
174.5	36.069	35.704	35.053	32.006	30.860
175.0	36.225	35.782	35.027	31.824	28.647
175.5	36.277	35.808	35.001	31.746	26.329
176.0	36.381	35.860	35.001	31.668	24.818
176.5	36.407	35.887	34.975	31.668	23.751
177.0	36.512	35.939	34.923	31.590	22.657
177.5	36.538	35.939	34.845	31.563	22.423
178.0	36.642	35.991	34.819	31.537	22.475
178.5	36.694	36.017	34.845	31.485	22.527
179.0	36.746	36.017	34.819	31.407	22.553
179.5	36.798	36.017	34.793	31.381	22.579
180.0	32.996	32.996	32.996	32.996	32.996

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L25-840-HE-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	298.15	N.A.	11.70
0-30	624.73	N.A.	24.50
0-40	1003.55	N.A.	39.40
0-60	1698.37	N.A.	66.70
0-80	2115.87	N.A.	83.10
0-90	2220.87	N.A.	87.30
10-90	2143.14	N.A.	84.20
20-40	705.39	N.A.	27.70
20-50	1078.43	N.A.	42.40
40-70	942.33	N.A.	37.00
60-80	417.50	N.A.	16.40
70-80	169.99	N.A.	6.70
80-90	105.00	N.A.	4.10
90-110	122.64	N.A.	4.80
90-120	174.27	N.A.	6.80
90-130	221.79	N.A.	8.70
90-150	291.17	N.A.	11.40
90-180	324.33	N.A.	12.70
110-180	201.69	N.A.	7.90
0-180	2545.2	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	77.73
10-20	220.42
20-30	326.58
30-40	378.81
40-50	373.04
50-60	321.79
60-70	247.51
70-80	169.99
80-90	105.00
90-100	67.27
100-110	55.37
110-120	51.63
120-130	47.52
130-140	39.93
140-150	29.45
150-160	19.25
160-170	10.61
170-180	3.30

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L25-840-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	87	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-L25-840-HE-DIM-UNV_.IES

UGR TABLE - CORRECTED

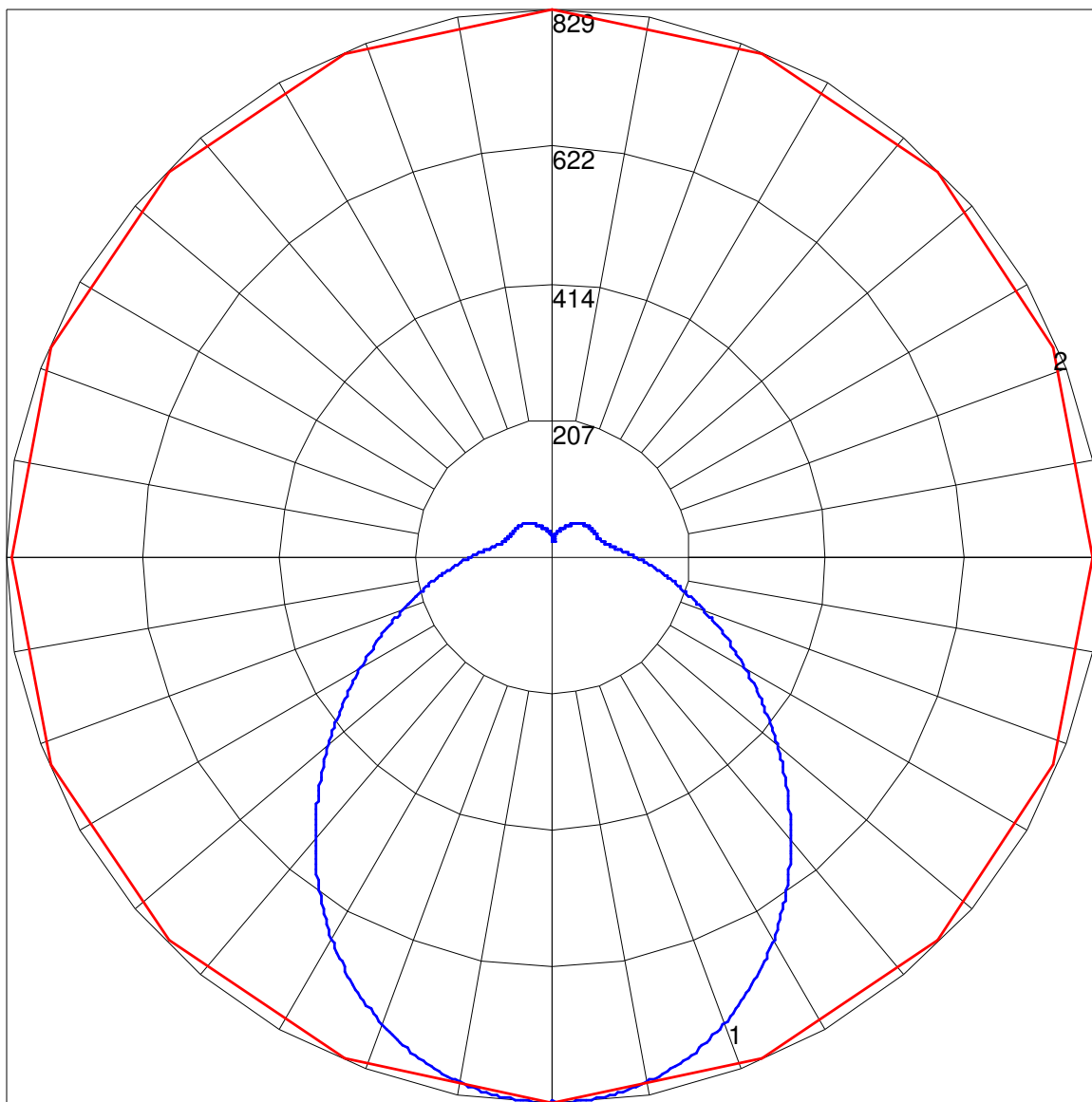
Reflectances

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	17.3	18.7	17.9	19.3	19.9	18.9	20.3	19.5	20.9	21.5
	3H	18.7	19.9	19.3	20.5	21.2	21.1	22.4	21.7	22.9	23.6
	4H	19.1	20.3	19.7	20.9	21.6	22.1	23.3	22.7	23.9	24.6
	6H	19.4	20.5	20.0	21.1	21.8	23.2	24.3	23.8	24.9	25.6
	8H	19.5	20.6	20.1	21.2	21.9	23.8	24.8	24.4	25.5	26.1
	12H	19.6	20.5	20.2	21.2	21.9	24.4	25.4	25.0	26.0	26.7
4H	2H	18.1	19.2	18.7	19.8	20.5	19.3	20.5	19.9	21.1	21.8
	3H	19.7	20.7	20.3	21.3	22.0	21.8	22.7	22.4	23.4	24.1
	4H	20.2	21.1	20.9	21.8	22.5	23.0	23.9	23.6	24.5	25.2
	6H	20.6	21.4	21.3	22.1	22.8	24.3	25.0	24.9	25.7	26.4
	8H	20.8	21.5	21.4	22.2	22.9	24.9	25.7	25.6	26.3	27.1
	12H	20.8	21.5	21.5	22.2	22.9	25.7	26.3	26.3	27.0	27.8
8H	4H	20.8	21.5	21.4	22.2	22.9	23.2	23.9	23.8	24.6	25.3
	6H	21.4	22.0	22.0	22.7	23.4	24.6	25.3	25.3	26.0	26.7
	8H	21.6	22.1	22.3	22.8	23.6	25.4	26.0	26.1	26.7	27.5
	12H	21.7	22.2	22.4	22.9	23.7	26.4	26.9	27.1	27.6	28.4
12H	4H	20.9	21.6	21.6	22.3	23.0	23.2	23.8	23.8	24.5	25.3
	6H	21.6	22.2	22.3	22.9	23.7	24.7	25.2	25.4	25.9	26.7
	8H	21.9	22.4	22.6	23.1	23.9	25.6	26.1	26.3	26.7	27.6

Maximum UGR = 28.4

POLAR GRAPH



Maximum Candela = 828.671 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.)