



IES INDOOR REPORT

PHOTOMETRIC FILENAME : AX2WD-4-L33-840-S-(L16)-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST]GEN FROM BALLABS TEST NO. 18753.0
 [TESTLAB] BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC
 [ISSUE DATE] 03-16-2022
 [MANUFACT] WILLIAMS INDOOR
 [OTHER] H.E. WILLIAMS, INC - CARTHAGE, MO 64836
 [LUMINAIRE] 4'WALL MOUNT DIRECT LED LUMINAIRE
 [MORE] WITH FROSTED ACRYLIC LENS
 [LUMCAT] AX2WD-4-L33-840-S-(L16)-DIM-UNV
 [LAMPCAT] HLM 80 CRI, 4000K CCT
 [SEARCH_SOURCETYPE] LED
 [SEARCH_APPLICATION] INDOOR, ARCHITECTURAL, OFFICE, CORRIDOR, MEDICAL, LINEAR, DIRECT
 [SEARCH_MOUNTING] WALL

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1705
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	98
Total Luminaire Watts	17.4
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.16
Spacing Criterion (Diagonal)	1.26
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.84 ft
Luminous Width (90-270)	0.18 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	8228	8012	7785
55	7317	7177	6884
65	6285	6228	6342
75	5209	5550	6356
85	3683	6261	8931

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CANDELA TABULATION

	<u>0.0</u>	<u>2.5</u>	<u>5.0</u>	<u>7.5</u>	<u>10.0</u>	<u>12.5</u>	<u>15.0</u>	<u>17.5</u>	<u>20.0</u>	<u>22.5</u>
0.0	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520
2.5	681.895	681.895	682.420	682.945	682.945	683.470	683.995	683.995	684.520	685.045
5.0	678.745	679.270	680.320	680.845	681.370	682.420	682.945	683.470	684.520	685.045
7.5	673.496	674.021	674.546	675.071	675.596	676.646	677.171	677.695	678.220	679.270
10.0	667.722	668.247	668.772	669.296	669.821	670.871	671.396	671.921	672.446	672.971
12.5	658.798	658.798	659.323	659.848	660.373	660.897	661.422	661.947	662.472	662.997
15.0	649.349	649.874	650.399	650.399	650.924	651.449	651.973	651.973	652.498	653.023
17.5	637.275	637.800	637.800	638.325	638.325	638.850	638.850	639.375	639.375	639.900
20.0	625.202	625.202	625.202	625.727	625.727	625.727	625.727	626.252	626.252	626.252
22.5	607.354	607.354	607.879	607.879	608.404	608.404	608.404	608.929	608.929	609.453
25.0	589.506	590.031	590.031	590.556	590.556	591.081	591.081	591.606	591.606	592.131
27.5	561.684	562.209	563.259	564.309	565.359	566.409	567.458	567.983	569.033	570.083
30.0	533.337	534.912	536.487	538.062	539.637	541.736	543.311	544.886	546.461	548.036
32.5	510.240	511.290	512.865	513.915	515.490	517.064	518.114	519.689	520.739	522.314
35.0	486.618	487.668	488.718	489.768	490.817	492.392	493.442	494.492	495.542	496.592
37.5	460.371	461.421	462.471	463.521	464.570	465.620	467.195	468.245	469.295	470.345
40.0	433.599	434.649	435.699	437.274	438.324	439.373	440.423	441.998	443.048	444.098
42.5	407.352	407.877	408.927	409.977	411.027	412.077	413.127	414.176	415.226	416.276
45.0	380.580	381.630	382.155	383.205	383.730	384.780	385.305	386.355	386.880	387.929
47.5	353.284	353.808	354.858	355.383	356.433	356.958	358.008	358.533	359.583	360.108
50.0	325.987	326.512	327.562	328.087	328.611	329.661	330.186	330.711	331.761	332.286
52.5	300.265	300.790	301.840	302.365	302.889	303.414	304.464	304.989	305.514	306.564
55.0	274.543	275.068	275.593	276.643	277.167	277.692	278.217	279.267	279.792	280.317
57.5	249.871	249.871	250.396	250.921	251.445	251.970	252.495	252.495	253.020	253.545
60.0	224.674	224.674	225.199	225.199	225.724	225.724	226.248	226.248	226.773	226.773
62.5	199.477	199.477	200.002	200.526	201.051	201.051	201.576	202.101	202.626	203.151
65.0	173.755	174.280	174.804	175.329	175.854	176.904	177.429	177.954	178.479	179.004
67.5	152.232	152.232	152.757	153.282	153.807	154.332	154.857	155.382	155.907	156.432
70.0	130.185	130.710	131.235	131.235	131.760	132.284	132.809	132.809	133.334	133.859
72.5	109.187	109.712	110.237	110.762	110.762	111.287	111.812	112.337	112.862	113.387
75.0	88.190	88.715	89.240	89.764	90.289	90.289	90.814	91.339	91.864	92.389
77.5	69.817	70.342	70.867	71.392	71.917	72.441	72.966	73.491	74.016	74.541
80.0	50.919	51.444	51.969	53.019	53.544	54.069	54.594	55.643	56.168	56.693
82.5	36.221	36.746	37.271	37.796	38.321	38.845	39.895	40.420	40.945	41.470
85.0	20.998	21.522	22.047	22.572	23.097	24.147	24.672	25.197	25.722	26.247
87.5	13.123	13.648	14.173	14.698	15.223	15.748	16.273	16.798	17.323	17.848
90.0	4.724	5.249	5.774	6.299	6.824	7.349	7.874	8.399	8.924	9.449
92.5	2.625	3.150	3.675	4.200	4.724	5.249	5.774	6.299	6.824	7.349
95.0	0.525	1.050	1.575	2.100	2.625	2.625	3.150	3.675	4.200	4.724
97.5	0.525	0.525	1.050	1.575	2.100	2.625	3.150	3.675	4.200	4.724
100.0	0.000	0.525	1.050	1.575	2.100	2.100	2.625	3.150	3.675	4.200
102.5	0.000	0.525	1.050	1.575	1.575	2.100	2.625	3.150	3.675	4.200
105.0	0.000	0.525	1.050	1.050	1.575	2.100	2.625	2.625	3.150	3.675
107.5	0.000	0.525	1.050	1.575	1.575	2.100	2.625	3.150	3.675	4.200
110.0	0.000	0.525	1.050	1.575	2.100	2.100	2.625	3.150	3.675	4.200
112.5	0.000	0.000	0.525	0.525	1.050	1.050	1.575	1.575	2.100	2.100
115.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert. Angles	Horizontal Angles									
	<u>25.0</u>	<u>27.5</u>	<u>30.0</u>	<u>32.5</u>	<u>35.0</u>	<u>37.5</u>	<u>40.0</u>	<u>42.5</u>	<u>45.0</u>	<u>47.5</u>
0.0	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520
2.5	684.520	683.995	683.995	683.470	682.945	682.945	682.420	682.420	681.895	681.895
5.0	684.520	683.995	682.945	682.420	681.895	681.370	680.320	679.795	679.270	678.745
7.5	678.220	677.695	676.646	676.121	675.071	674.546	673.496	672.971	671.921	671.396
10.0	671.921	670.871	670.346	669.296	668.247	667.197	666.672	665.622	664.572	664.572
12.5	661.947	661.422	660.373	659.323	658.273	657.748	656.698	655.648	655.123	654.073
15.0	651.973	651.449	650.399	649.349	648.824	647.774	646.724	646.199	645.149	644.099
17.5	638.325	637.275	636.225	635.175	634.126	633.076	632.026	630.976	629.926	628.876
20.0	625.202	623.627	622.577	621.002	619.952	618.377	617.328	615.753	614.703	613.653
22.5	607.879	606.304	605.254	603.679	602.629	601.054	600.005	598.430	597.380	596.330
25.0	590.556	589.506	587.931	586.356	585.306	583.732	582.157	581.107	579.532	578.482
27.5	568.508	566.933	565.884	564.309	562.734	561.159	560.109	558.534	556.960	555.910
30.0	546.461	544.886	543.311	541.736	540.687	539.112	537.537	535.962	534.387	532.812
32.5	520.739	519.164	517.589	516.014	514.440	512.865	511.290	509.715	508.140	507.090
35.0	495.017	493.442	491.867	490.292	488.193	486.618	485.043	483.468	481.893	480.844
37.5	468.770	466.670	465.095	462.996	461.421	459.321	457.746	455.647	454.072	453.022
40.0	441.998	439.898	437.799	435.699	434.124	432.024	429.925	427.825	425.725	425.725
42.5	414.176	412.077	409.977	407.877	406.302	404.203	402.103	400.003	398.428	397.903
45.0	385.830	384.255	382.155	380.055	378.481	376.381	374.281	372.706	370.607	370.607
47.5	358.533	356.958	354.858	353.284	351.709	350.134	348.034	346.459	344.885	344.360
50.0	330.711	329.136	328.087	326.512	324.937	323.362	322.312	320.737	319.163	318.638
52.5	304.989	303.414	302.365	300.790	299.740	298.165	297.115	295.540	294.490	293.966
55.0	279.267	277.692	276.643	275.593	274.018	272.968	271.918	270.343	269.293	269.293
57.5	252.495	251.445	250.396	249.346	248.296	247.246	246.196	245.146	244.621	244.621
60.0	225.724	225.199	224.149	223.624	222.574	222.049	220.999	220.474	219.424	219.424
62.5	202.101	201.576	200.526	200.002	198.952	198.427	197.377	196.852	195.802	196.327
65.0	178.479	177.429	176.904	175.854	175.329	174.280	173.755	172.705	172.180	172.705
67.5	155.907	155.382	154.857	154.332	153.807	153.282	152.757	152.232	151.707	152.232
70.0	133.334	133.334	132.809	132.284	132.284	131.760	131.235	131.235	130.710	131.235
72.5	112.862	112.862	112.862	112.862	112.862	112.862	112.337	112.337	112.337	113.387
75.0	92.389	92.914	92.914	92.914	93.439	93.439	93.439	93.964	93.964	95.014
77.5	75.066	75.591	76.116	76.116	76.641	77.166	77.691	78.216	78.741	79.266
80.0	57.218	58.268	58.793	59.318	60.368	60.893	61.418	62.468	62.993	64.042

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CANDELA TABULATION - (Cont.)

82.5	42.520	43.045	44.095	45.145	45.670	46.720	47.769	48.294	49.344	50.394
85.0	27.297	28.347	29.397	30.446	31.496	32.546	33.596	34.646	35.696	36.746
87.5	18.898	19.948	20.998	22.047	23.097	24.147	25.197	26.247	27.297	28.347
90.0	10.499	11.549	12.599	13.648	15.223	16.273	17.323	18.373	19.423	20.473
92.5	8.399	9.449	10.499	11.549	12.599	13.648	14.698	15.748	16.798	17.323
95.0	5.774	6.824	7.874	8.924	9.449	10.499	11.549	12.599	13.648	14.698
97.5	5.249	6.299	7.349	7.874	8.924	9.974	11.024	11.549	12.599	13.648
100.0	5.249	5.774	6.824	7.349	8.399	8.924	9.974	10.499	11.549	12.599
102.5	4.724	5.774	6.299	7.349	7.874	8.924	9.449	10.499	11.024	12.074
105.0	4.200	5.249	5.774	6.824	7.349	8.399	8.924	9.974	10.499	11.024
107.5	4.724	5.249	6.299	6.824	7.349	8.399	8.924	9.449	10.499	11.024
110.0	4.724	5.249	6.299	6.824	7.349	7.874	8.924	9.449	9.974	10.499
112.5	2.625	3.675	4.200	4.724	5.774	6.299	6.824	7.874	8.399	8.924
115.0	0.525	1.575	2.100	3.150	3.675	4.724	5.249	6.299	6.824	7.349
117.5	0.525	1.575	2.100	2.625	3.675	4.200	4.724	5.774	6.299	6.824
120.0	0.525	1.050	2.100	2.625	3.150	3.675	4.724	5.249	5.774	6.299
122.5	0.525	1.050	1.575	2.100	2.625	3.150	3.675	4.200	5.249	5.774
125.0	0.525	1.050	1.575	2.100	2.100	2.625	3.150	3.675	4.200	4.724
127.5	0.525	1.050	1.050	1.575	2.100	2.625	2.625	3.150	3.675	4.200
130.0	0.525	0.525	1.050	1.575	1.575	2.100	2.625	2.625	3.150	3.675
132.5	0.000	0.525	0.525	0.525	1.050	1.050	1.050	1.575	1.575	2.100
135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.525
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert. Angles **Horizontal Angles**

	<u>50.0</u>	<u>52.5</u>	<u>55.0</u>	<u>57.5</u>	<u>60.0</u>	<u>62.5</u>	<u>65.0</u>	<u>67.5</u>	<u>70.0</u>	<u>72.5</u>
0.0	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520
2.5	681.370	681.370	680.845	680.845	680.845	680.320	680.320	680.320	680.320	680.320
5.0	678.220	678.220	677.695	677.171	676.646	676.646	676.121	675.596	675.596	675.596
7.5	671.396	670.871	670.871	670.346	669.821	669.821	669.296	669.296	668.772	668.772
10.0	664.047	664.047	663.522	663.522	662.997	662.997	662.472	662.472	662.472	661.947
12.5	653.548	653.023	652.498	651.973	651.449	650.924	650.399	649.874	649.349	649.349
15.0	643.574	642.525	641.475	640.950	639.900	638.850	638.325	637.275	636.750	636.750
17.5	628.351	627.301	626.776	625.727	624.677	624.152	623.102	622.577	622.052	621.527
20.0	613.128	612.078	611.553	610.503	609.978	608.929	608.404	607.354	606.829	606.829
22.5	595.280	594.230	593.180	592.655	591.606	590.556	589.506	588.981	588.456	587.931
25.0	577.432	576.382	575.332	574.283	573.233	572.183	571.133	570.083	570.083	569.558
27.5	554.335	553.285	552.235	550.660	549.611	548.561	546.986	545.936	545.936	545.411

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

30.0	531.763	530.188	528.613	527.563	525.988	524.413	523.364	521.789	521.789	521.789
32.5	505.516	504.466	502.891	501.841	500.266	499.216	497.642	496.592	496.067	495.542
35.0	479.269	478.219	477.169	475.594	474.544	473.494	471.920	470.870	470.345	469.820
37.5	452.497	451.972	450.922	450.397	449.872	448.822	448.297	447.772	446.723	445.673
40.0	425.200	425.200	425.200	424.675	424.675	424.675	424.150	424.150	423.100	422.050
42.5	397.903	397.903	397.378	397.378	397.378	397.378	396.853	396.853	395.804	394.754
45.0	370.607	370.082	370.082	370.082	370.082	369.557	369.557	369.557	368.507	367.457
47.5	344.360	343.835	343.835	343.310	342.785	342.785	342.260	342.260	341.210	340.160
50.0	318.113	317.588	317.063	316.538	316.013	315.488	314.963	314.438	313.913	312.863
52.5	293.441	293.441	292.916	292.391	292.391	291.866	291.866	291.341	290.291	289.241
55.0	269.293	268.768	268.768	268.768	268.768	268.244	268.244	268.244	267.194	266.144
57.5	244.621	244.621	244.621	244.621	244.621	244.621	244.621	245.146	244.096	243.046
60.0	219.949	219.949	220.474	220.474	220.999	220.999	221.524	221.524	220.999	219.949
62.5	196.327	196.852	197.377	197.902	197.902	198.427	198.952	199.477	198.952	198.427
65.0	173.230	173.755	174.280	174.804	175.329	175.854	176.379	176.904	176.904	176.379
67.5	152.757	153.282	153.807	154.857	155.382	155.907	156.432	157.482	157.482	157.482
70.0	132.284	132.809	133.859	134.384	135.434	135.959	137.009	137.534	138.059	138.584
72.5	113.912	114.962	116.011	117.061	117.586	118.636	119.686	120.736	120.736	121.261
75.0	96.064	97.114	98.163	99.213	100.263	101.313	102.363	103.413	103.938	104.463
77.5	80.316	81.365	82.415	83.465	84.515	85.565	86.615	87.665	88.190	88.715
80.0	65.092	66.142	67.192	67.717	68.767	69.817	70.867	71.917	72.441	72.966
82.5	51.444	52.494	53.544	54.594	55.643	56.693	57.743	58.793	59.318	59.843
85.0	37.796	38.845	39.895	41.470	42.520	43.570	44.620	45.670	46.195	46.720
87.5	29.921	30.971	32.021	33.071	34.121	35.171	36.221	37.796	37.796	38.321
90.0	21.522	22.572	23.622	25.197	26.247	27.297	28.347	29.397	29.921	30.446
92.5	18.373	19.423	20.473	21.522	22.572	23.622	24.672	25.722	25.722	26.247
95.0	15.223	16.273	17.323	17.848	18.898	19.948	20.473	21.522	22.047	22.047
97.5	14.173	15.223	16.273	16.798	17.848	18.898	19.423	20.473	20.998	20.998
100.0	13.123	14.173	15.223	15.748	16.798	17.848	18.373	19.423	19.948	20.473
102.5	12.599	13.648	14.173	15.223	15.748	16.798	17.323	18.373	18.373	18.898
105.0	12.074	12.599	13.123	14.173	14.698	15.223	16.273	16.798	17.323	17.848
107.5	11.549	12.074	13.123	13.648	14.173	14.698	15.748	16.273	16.798	16.798
110.0	11.024	12.074	12.599	13.123	13.648	14.698	15.223	15.748	16.273	16.273
112.5	9.449	10.499	11.024	11.549	12.074	13.123	13.648	14.173	14.698	14.698
115.0	7.874	8.924	9.449	9.974	10.499	11.549	12.074	12.599	12.599	13.123
117.5	7.349	7.874	8.399	8.924	9.449	9.974	10.499	11.549	11.549	12.074
120.0	6.824	7.349	7.874	7.874	8.399	8.924	9.449	9.974	10.499	10.499
122.5	6.299	6.824	7.349	7.874	8.399	8.924	9.449	9.974	9.974	9.974
125.0	5.249	5.774	6.299	7.349	7.874	8.399	8.924	9.449	9.449	9.449
127.5	4.724	5.249	5.774	5.774	6.299	6.824	7.349	7.874	7.874	8.399
130.0	3.675	4.200	4.724	4.724	5.249	5.774	5.774	6.299	6.299	6.824
132.5	2.100	2.625	3.150	3.150	3.675	4.200	4.200	4.724	5.249	5.249
135.0	0.525	1.050	1.575	1.575	2.100	2.625	2.625	3.150	3.675	3.675
137.5	0.525	0.525	0.525	1.050	1.050	1.050	1.575	1.575	2.100	2.100
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.525	1.050
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.525
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

**Vert.
Angles**

Horizontal Angles

	<u>75.0</u>	<u>77.5</u>	<u>80.0</u>	<u>82.5</u>	<u>85.0</u>	<u>87.5</u>	<u>90.0</u>	<u>92.5</u>	<u>95.0</u>	<u>97.5</u>
0.0	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520
2.5	680.320	680.320	680.320	680.320	680.320	680.320	680.320	680.320	680.320	680.320
5.0	675.596	675.596	676.121	676.121	676.121	676.121	676.121	676.121	676.121	676.121
7.5	668.772	668.772	668.772	668.772	668.247	668.247	668.247	668.247	668.247	668.772
10.0	661.947	661.422	661.422	660.897	660.897	660.373	660.373	660.373	660.897	660.897
12.5	648.824	648.824	648.299	648.299	647.774	647.774	647.249	647.774	647.774	648.299
15.0	636.225	635.700	635.700	635.175	634.651	634.651	634.126	634.651	634.651	635.175
17.5	621.527	621.002	620.477	620.477	619.952	619.427	619.427	619.427	619.952	620.477
20.0	606.304	605.779	605.779	605.254	604.729	604.729	604.204	604.729	604.729	605.254
22.5	587.931	587.406	587.406	586.881	586.881	586.356	586.356	586.356	586.881	586.881
25.0	569.558	569.033	569.033	568.508	568.508	567.983	567.983	567.983	568.508	568.508
27.5	545.411	545.411	545.411	544.886	544.886	544.886	544.886	544.886	544.886	544.886
30.0	521.789	521.789	521.264	521.264	521.264	521.264	521.264	521.264	521.264	521.264
32.5	495.542	495.017	494.492	494.492	493.967	493.967	493.442	493.967	493.967	494.492
35.0	469.295	468.770	467.720	467.195	466.670	466.145	465.620	466.145	466.670	467.195
37.5	445.148	444.098	443.573	442.523	441.998	440.948	440.423	440.948	441.998	442.523
40.0	421.001	419.951	418.901	417.851	416.801	415.751	414.701	415.751	416.801	417.851
42.5	393.704	392.654	391.604	390.554	389.504	388.454	387.405	388.454	389.504	390.554
45.0	366.407	365.357	364.307	363.257	362.207	361.158	360.108	361.158	362.207	363.257
47.5	339.110	338.585	337.535	336.486	335.436	334.911	333.861	334.911	335.436	336.486
50.0	312.338	311.288	310.764	309.714	309.189	308.139	307.614	308.139	309.189	309.714
52.5	288.716	287.666	286.616	285.566	285.042	283.992	282.942	283.992	285.042	285.566
55.0	265.094	264.044	262.469	261.419	260.369	259.320	258.270	259.320	260.369	261.419
57.5	241.997	240.947	240.422	239.372	238.322	237.272	236.747	237.272	238.322	239.372
60.0	219.424	218.374	217.849	216.800	216.275	215.225	214.700	215.225	216.275	216.800
62.5	197.902	197.377	196.852	196.327	195.802	195.277	195.277	195.277	195.802	196.327
65.0	176.379	176.379	175.854	175.854	175.854	175.329	175.329	175.329	175.854	175.854
67.5	157.482	158.006	158.006	158.006	158.006	158.531	158.531	158.531	158.006	158.006
70.0	139.109	139.634	139.634	140.159	140.683	141.208	141.733	141.208	140.683	140.159
72.5	121.786	122.311	122.836	123.361	123.885	124.410	124.935	124.410	123.885	123.361
75.0	104.988	105.513	105.513	106.038	106.562	107.087	107.612	107.087	106.562	106.038
77.5	89.240	89.764	90.289	90.814	91.339	91.864	92.914	91.864	91.339	90.814
80.0	74.016	74.541	75.066	75.591	76.641	77.166	77.691	77.166	76.641	75.591
82.5	60.893	61.418	61.943	62.468	62.993	63.518	64.567	63.518	62.993	62.468
85.0	47.244	47.769	48.819	49.344	49.869	50.394	50.919	50.394	49.869	49.344
87.5	38.845	39.370	39.895	40.420	40.945	41.470	41.995	41.470	40.945	40.420
90.0	30.446	30.971	31.496	32.021	32.021	32.546	33.071	32.546	32.021	32.021
92.5	26.772	26.772	27.297	27.822	28.347	28.347	28.872	28.347	28.347	27.822
95.0	22.572	23.097	23.097	23.622	24.147	24.147	24.672	24.147	24.147	23.622
97.5	21.522	22.047	22.572	22.572	23.097	23.622	24.147	23.622	23.097	22.572
100.0	20.473	20.998	21.522	22.047	22.047	22.572	23.097	22.572	22.047	22.047
102.5	19.423	19.948	20.473	20.998	20.998	21.522	22.047	21.522	20.998	20.998
105.0	18.373	18.898	18.898	19.423	19.948	20.473	20.998	20.473	19.948	19.423
107.5	17.323	17.848	18.373	18.373	18.898	19.423	19.948	19.423	18.898	18.373
110.0	16.798	16.798	17.323	17.323	17.848	17.848	18.373	17.848	17.848	17.323
112.5	15.223	15.223	15.748	15.748	16.273	16.273	16.798	16.273	16.273	15.748
115.0	13.123	13.648	13.648	14.173	14.173	14.698	14.698	14.698	14.173	14.173

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CANDELA TABULATION - (Cont.)

117.5	12.074	12.599	12.599	13.123	13.123	13.648	13.648	13.648	13.123	13.123
120.0	11.024	11.024	11.549	11.549	12.074	12.074	12.599	12.074	12.074	11.549
122.5	10.499	10.499	10.499	11.024	11.024	11.024	11.549	11.024	11.024	11.024
125.0	9.449	9.449	9.974	9.974	9.974	9.974	9.974	9.974	9.974	9.974
127.5	8.399	8.399	8.399	8.924	8.924	8.924	9.449	8.924	8.924	8.924
130.0	6.824	7.349	7.349	7.874	7.874	8.399	8.399	8.399	7.874	7.874
132.5	5.774	5.774	6.299	6.299	6.824	6.824	7.349	6.824	6.824	6.299
135.0	4.200	4.200	4.724	4.724	5.249	5.249	5.774	5.249	5.249	4.724
137.5	2.625	3.150	3.675	3.675	4.200	4.724	5.249	4.724	4.200	3.675
140.0	1.575	2.100	2.100	2.625	3.150	3.675	4.200	3.675	3.150	2.625
142.5	0.525	1.050	1.050	1.575	1.575	2.100	2.100	2.100	1.575	1.575
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

**Vert.
Angles**

Horizontal Angles

	<u>100.0</u>	<u>102.5</u>	<u>105.0</u>	<u>107.5</u>	<u>110.0</u>	<u>112.5</u>	<u>115.0</u>	<u>117.5</u>	<u>120.0</u>	<u>122.5</u>
0.0	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520
2.5	680.320	680.320	680.320	680.320	680.320	680.320	680.320	680.320	680.845	680.845
5.0	676.121	675.596	675.596	675.596	675.596	675.596	676.121	676.646	676.646	677.171
7.5	668.772	668.772	668.772	668.772	668.772	669.296	669.296	669.821	669.821	670.346
10.0	661.422	661.422	661.947	661.947	662.472	662.472	662.472	662.997	662.997	663.522
12.5	648.299	648.824	648.824	649.349	649.349	649.874	650.399	650.924	651.449	651.973
15.0	635.700	635.700	636.225	636.750	636.750	637.275	638.325	638.850	639.900	640.950
17.5	620.477	621.002	621.527	621.527	622.052	622.577	623.102	624.152	624.677	625.727
20.0	605.779	605.779	606.304	606.829	606.829	607.354	608.404	608.929	609.978	610.503
22.5	587.406	587.406	587.931	587.931	588.456	588.981	589.506	590.556	591.606	592.655
25.0	569.033	569.033	569.558	569.558	570.083	570.083	571.133	572.183	573.233	574.283
27.5	545.411	545.411	545.411	545.411	545.936	545.936	546.986	548.561	549.611	550.660
30.0	521.264	521.789	521.789	521.789	521.789	521.789	523.364	524.413	525.988	527.563
32.5	494.492	495.017	495.542	495.542	496.067	496.592	497.642	499.216	500.266	501.841
35.0	467.720	468.770	469.295	469.820	470.345	470.870	471.920	473.494	474.544	475.594
37.5	443.573	444.098	445.148	445.673	446.723	447.772	448.297	448.822	449.872	450.397
40.0	418.901	419.951	421.001	422.050	423.100	424.150	424.150	424.675	424.675	424.675
42.5	391.604	392.654	393.704	394.754	395.804	396.853	396.853	397.378	397.378	397.378
45.0	364.307	365.357	366.407	367.457	368.507	369.557	369.557	369.557	370.082	370.082
47.5	337.535	338.585	339.110	340.160	341.210	342.260	342.260	342.785	342.785	343.310
50.0	310.764	311.288	312.338	312.863	313.913	314.438	314.963	315.488	316.013	316.538
52.5	286.616	287.666	288.716	289.241	290.291	291.341	291.866	291.866	292.391	292.391
55.0	262.469	264.044	265.094	266.144	267.194	268.244	268.244	268.244	268.768	268.768
57.5	240.422	240.947	241.997	243.046	244.096	245.146	244.621	244.621	244.621	244.621
60.0	217.849	218.374	219.424	219.949	220.999	221.524	221.524	220.999	220.999	220.474
62.5	196.852	197.377	197.902	198.427	198.952	199.477	198.952	198.427	197.902	197.902

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CANDELA TABULATION - (Cont.)

65.0	175.854	176.379	176.379	176.379	176.904	176.904	176.379	175.854	175.329	174.804
67.5	158.006	158.006	157.482	157.482	157.482	157.482	156.432	155.907	155.382	154.857
70.0	139.634	139.634	139.109	138.584	138.059	137.534	137.009	135.959	135.434	134.384
72.5	122.836	122.311	121.786	121.261	120.736	120.736	119.686	118.636	117.586	117.061
75.0	105.513	105.513	104.988	104.463	103.938	103.413	102.363	101.313	100.263	99.213
77.5	90.289	89.764	89.240	88.715	88.190	87.665	86.615	85.565	84.515	83.465
80.0	75.066	74.541	74.016	72.966	72.441	71.917	70.867	69.817	68.767	67.717
82.5	61.943	61.418	60.893	59.843	59.318	58.793	57.743	56.693	55.643	54.594
85.0	48.819	47.769	47.244	46.720	46.195	45.670	44.620	43.570	42.520	41.470
87.5	39.895	39.370	38.845	38.321	37.796	37.796	36.221	35.171	34.121	33.071
90.0	31.496	30.971	30.446	30.446	29.921	29.397	28.347	27.297	26.247	25.197
92.5	27.297	26.772	26.772	26.247	25.722	25.722	24.672	23.622	22.572	21.522
95.0	23.097	23.097	22.572	22.047	22.047	21.522	20.473	19.948	18.898	17.848
97.5	22.572	22.047	21.522	20.998	20.998	20.473	19.423	18.898	17.848	16.798
100.0	21.522	20.998	20.473	20.473	19.948	19.423	18.373	17.848	16.798	15.748
102.5	20.473	19.948	19.423	18.898	18.373	18.373	17.323	16.798	15.748	15.223
105.0	18.898	18.898	18.373	17.848	17.323	16.798	16.273	15.223	14.698	14.173
107.5	18.373	17.848	17.323	16.798	16.798	16.273	15.748	14.698	14.173	13.648
110.0	17.323	16.798	16.798	16.273	16.273	15.748	15.223	14.698	13.648	13.123
112.5	15.748	15.223	15.223	14.698	14.698	14.173	13.648	13.123	12.074	11.549
115.0	13.648	13.648	13.123	13.123	12.599	12.599	12.074	11.549	10.499	9.974
117.5	12.599	12.599	12.074	12.074	11.549	11.549	10.499	9.974	9.449	8.924
120.0	11.549	11.024	11.024	10.499	10.499	9.974	9.449	8.924	8.399	7.874
122.5	10.499	10.499	10.499	9.974	9.974	9.974	9.449	8.924	8.399	7.874
125.0	9.974	9.449	9.449	9.449	9.449	9.449	8.924	8.399	7.874	7.349
127.5	8.399	8.399	8.399	8.399	7.874	7.874	7.349	6.824	6.299	5.774
130.0	7.349	7.349	6.824	6.824	6.299	6.299	5.774	5.774	5.249	4.724
132.5	6.299	5.774	5.774	5.249	5.249	4.724	4.200	4.200	3.675	3.150
135.0	4.724	4.200	4.200	3.675	3.675	3.150	2.625	2.625	2.100	1.575
137.5	3.675	3.150	2.625	2.100	2.100	1.575	1.575	1.050	1.050	1.050
140.0	2.100	2.100	1.575	1.050	0.525	0.000	0.000	0.000	0.000	0.000
142.5	1.050	1.050	0.525	0.525	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

**Vert.
Angles**

Horizontal Angles

	<u>125.0</u>	<u>127.5</u>	<u>130.0</u>	<u>132.5</u>	<u>135.0</u>	<u>137.5</u>	<u>140.0</u>	<u>142.5</u>	<u>145.0</u>	<u>147.5</u>
0.0	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520
2.5	680.845	681.370	681.370	681.895	681.895	682.420	682.420	682.945	682.945	683.470
5.0	677.695	678.220	678.220	678.745	679.270	679.795	680.320	681.370	681.895	682.420
7.5	670.871	670.871	671.396	671.396	671.921	672.971	673.496	674.546	675.071	676.121
10.0	663.522	664.047	664.047	664.572	664.572	665.622	666.672	667.197	668.247	669.296

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CANDELA TABULATION - (Cont.)

12.5	652.498	653.023	653.548	654.073	655.123	655.648	656.698	657.748	658.273	659.323
15.0	641.475	642.525	643.574	644.099	645.149	646.199	646.724	647.774	648.824	649.349
17.5	626.776	627.301	628.351	628.876	629.926	630.976	632.026	633.076	634.126	635.175
20.0	611.553	612.078	613.128	613.653	614.703	615.753	617.328	618.377	619.952	621.002
22.5	593.180	594.230	595.280	596.330	597.380	598.430	600.005	601.054	602.629	603.679
25.0	575.332	576.382	577.432	578.482	579.532	581.107	582.157	583.732	585.306	586.356
27.5	552.235	553.285	554.335	555.910	556.960	558.534	560.109	561.159	562.734	564.309
30.0	528.613	530.188	531.763	532.812	534.387	535.962	537.537	539.112	540.687	541.736
32.5	502.891	504.466	505.516	507.090	508.140	509.715	511.290	512.865	514.440	516.014
35.0	477.169	478.219	479.269	480.844	481.893	483.468	485.043	486.618	488.193	490.292
37.5	450.922	451.972	452.497	453.022	454.072	455.647	457.746	459.321	461.421	462.996
40.0	425.200	425.200	425.200	425.725	425.725	427.825	429.925	432.024	434.124	435.699
42.5	397.378	397.903	397.903	397.903	398.428	400.003	402.103	404.203	406.302	407.877
45.0	370.082	370.082	370.607	370.607	370.607	372.706	374.281	376.381	378.481	380.055
47.5	343.835	343.835	344.360	344.360	344.885	346.459	348.034	350.134	351.709	353.284
50.0	317.063	317.588	318.113	318.638	319.163	320.737	322.312	323.362	324.937	326.512
52.5	292.916	293.441	293.441	293.966	294.490	295.540	297.115	298.165	299.740	300.790
55.0	268.768	268.768	269.293	269.293	269.293	270.343	271.918	272.968	274.018	275.593
57.5	244.621	244.621	244.621	244.621	244.621	245.146	246.196	247.246	248.296	249.346
60.0	220.474	219.949	219.949	219.424	219.424	220.474	220.999	222.049	222.574	223.624
62.5	197.377	196.852	196.327	196.327	195.802	196.852	197.377	198.427	198.952	200.002
65.0	174.280	173.755	173.230	172.705	172.180	172.705	173.755	174.280	175.329	175.854
67.5	153.807	153.282	152.757	152.232	151.707	152.232	152.757	153.282	153.807	154.332
70.0	133.859	132.809	132.284	131.235	130.710	131.235	131.235	131.760	132.284	132.284
72.5	116.011	114.962	113.912	113.387	112.337	112.337	112.337	112.862	112.862	112.862
75.0	98.163	97.114	96.064	95.014	93.964	93.964	93.439	93.439	93.439	92.914
77.5	82.415	81.365	80.316	79.266	78.741	78.216	77.691	77.166	76.641	76.116
80.0	67.192	66.142	65.092	64.042	62.993	62.468	61.418	60.893	60.368	59.318
82.5	53.544	52.494	51.444	50.394	49.344	48.294	47.769	46.720	45.670	45.145
85.0	39.895	38.845	37.796	36.746	35.696	34.646	33.596	32.546	31.496	30.446
87.5	32.021	30.971	29.921	28.872	27.822	26.247	25.197	24.147	23.097	22.047
90.0	23.622	22.572	21.522	20.473	19.423	18.373	17.323	16.273	15.223	13.648
92.5	20.473	19.423	18.373	17.323	16.798	15.748	14.698	13.648	12.599	11.549
95.0	17.323	16.273	15.223	14.698	13.648	12.599	11.549	10.499	9.449	8.924
97.5	16.273	15.223	14.173	13.648	12.599	11.549	11.024	9.974	8.924	7.874
100.0	15.223	14.173	13.123	12.599	11.549	10.499	9.974	8.924	8.399	7.349
102.5	14.173	13.648	12.599	12.074	11.024	10.499	9.449	8.924	7.874	7.349
105.0	13.123	12.599	12.074	11.024	10.499	9.974	8.924	8.399	7.349	6.824
107.5	13.123	12.074	11.549	11.024	10.499	9.449	8.924	8.399	7.349	6.824
110.0	12.599	12.074	11.024	10.499	9.974	9.449	8.924	7.874	7.349	6.824
112.5	11.024	10.499	9.449	8.924	8.399	7.874	6.824	6.299	5.774	4.724
115.0	9.449	8.924	7.874	7.349	6.824	6.299	5.249	4.724	3.675	3.150
117.5	8.399	7.874	7.349	6.824	6.299	5.774	4.724	4.200	3.675	2.625
120.0	7.874	7.349	6.824	6.299	5.774	5.249	4.724	3.675	3.150	2.625
122.5	7.349	6.824	6.299	5.774	5.249	4.200	3.675	3.150	2.625	2.100
125.0	6.299	5.774	5.249	4.724	4.200	3.675	3.150	2.625	2.100	2.100
127.5	5.774	5.249	4.724	4.200	3.675	3.150	2.625	2.625	2.100	1.575
130.0	4.724	4.200	3.675	3.675	3.150	2.625	2.625	2.100	1.575	1.575
132.5	3.150	2.625	2.100	2.100	1.575	1.575	1.050	1.050	1.050	0.525
135.0	1.575	1.050	0.525	0.525	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.525	0.525	0.525	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert. Angles	Horizontal Angles									
	<u>150.0</u>	<u>152.5</u>	<u>155.0</u>	<u>157.5</u>	<u>160.0</u>	<u>162.5</u>	<u>165.0</u>	<u>167.5</u>	<u>170.0</u>	<u>172.5</u>
0.0	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520
2.5	683.995	683.995	684.520	685.045	684.520	683.995	683.995	683.470	682.945	682.945
5.0	682.945	683.995	684.520	685.045	684.520	683.470	682.945	682.420	681.370	680.845
7.5	676.646	677.695	678.220	679.270	678.220	677.695	677.171	676.646	675.596	675.071
10.0	670.346	670.871	671.921	672.971	672.446	671.921	671.396	670.871	669.821	669.296
12.5	660.373	661.422	661.947	662.997	662.472	661.947	661.422	660.897	660.373	659.848
15.0	650.399	651.449	651.973	653.023	652.498	651.973	651.973	651.449	650.924	650.399
17.5	636.225	637.275	638.325	639.900	639.375	639.375	638.850	638.850	638.325	638.325
20.0	622.577	623.627	625.202	626.252	626.252	626.252	625.727	625.727	625.727	625.727
22.5	605.254	606.304	607.879	609.453	608.929	608.929	608.404	608.404	608.404	607.879
25.0	587.931	589.506	590.556	592.131	591.606	591.606	591.081	591.081	590.556	590.556
27.5	565.884	566.933	568.508	570.083	569.033	567.983	567.458	566.409	565.359	564.309
30.0	543.311	544.886	546.461	548.036	546.461	544.886	543.311	541.736	539.637	538.062
32.5	517.589	519.164	520.739	522.314	520.739	519.689	518.114	517.064	515.490	513.915
35.0	491.867	493.442	495.017	496.592	495.542	494.492	493.442	492.392	490.817	489.768
37.5	465.095	466.670	468.770	470.345	469.295	468.245	467.195	465.620	464.570	463.521
40.0	437.799	439.898	441.998	444.098	443.048	441.998	440.423	439.373	438.324	437.274
42.5	409.977	412.077	414.176	416.276	415.226	414.176	413.127	412.077	411.027	409.977
45.0	382.155	384.255	385.830	387.929	386.880	386.355	385.305	384.780	383.730	383.205
47.5	354.858	356.958	358.533	360.108	359.583	358.533	358.008	356.958	356.433	355.383
50.0	328.087	329.136	330.711	332.286	331.761	330.711	330.186	329.661	328.611	328.087
52.5	302.365	303.414	304.989	306.564	305.514	304.989	304.464	303.414	302.889	302.365
55.0	276.643	277.692	279.267	280.317	279.792	279.267	278.217	277.692	277.167	276.643
57.5	250.396	251.445	252.495	253.545	253.020	252.495	252.495	251.970	251.445	250.921
60.0	224.149	225.199	225.724	226.773	226.773	226.248	226.248	225.724	225.724	225.199
62.5	200.526	201.576	202.101	203.151	202.626	202.101	201.576	201.051	201.051	200.526
65.0	176.904	177.429	178.479	179.004	178.479	177.954	177.429	176.904	175.854	175.329
67.5	154.857	155.382	155.907	156.432	155.907	155.382	154.857	154.332	153.807	153.282
70.0	132.809	133.334	133.334	133.859	133.334	132.809	132.809	132.284	131.760	131.235
72.5	112.862	112.862	112.862	113.387	112.862	112.337	111.812	111.287	110.762	110.762
75.0	92.914	92.914	92.389	92.389	91.864	91.339	90.814	90.289	90.289	89.764
77.5	76.116	75.591	75.066	74.541	74.016	73.491	72.966	72.441	71.917	71.392
80.0	58.793	58.268	57.218	56.693	56.168	55.643	54.594	54.069	53.544	53.019
82.5	44.095	43.045	42.520	41.470	40.945	40.420	39.895	38.845	38.321	37.796
85.0	29.397	28.347	27.297	26.247	25.722	25.197	24.672	24.147	23.097	22.572
87.5	20.998	19.948	18.898	17.848	17.323	16.798	16.273	15.748	15.223	14.698
90.0	12.599	11.549	10.499	9.449	8.924	8.399	7.874	7.349	6.824	6.299
92.5	10.499	9.449	8.399	7.349	6.824	6.299	5.774	5.249	4.724	4.200
95.0	7.874	6.824	5.774	4.724	4.200	3.675	3.150	2.625	2.625	2.100
97.5	7.349	6.299	5.249	4.724	4.200	3.675	3.150	2.625	2.100	1.575

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CANDELA TABULATION - (Cont.)

100.0	6.824	5.774	5.249	4.200	3.675	3.150	2.625	2.100	2.100	1.575
102.5	6.299	5.774	4.724	4.200	3.675	3.150	2.625	2.100	1.575	1.575
105.0	5.774	5.249	4.200	3.675	3.150	2.625	2.625	2.100	1.575	1.050
107.5	6.299	5.249	4.724	4.200	3.675	3.150	2.625	2.100	1.575	1.575
110.0	6.299	5.249	4.724	4.200	3.675	3.150	2.625	2.100	2.100	1.575
112.5	4.200	3.675	2.625	2.100	2.100	1.575	1.575	1.050	1.050	0.525
115.0	2.100	1.575	0.525	0.000	0.000	0.000	0.000	0.000	0.000	0.000
117.5	2.100	1.575	0.525	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120.0	2.100	1.050	0.525	0.000	0.000	0.000	0.000	0.000	0.000	0.000
122.5	1.575	1.050	0.525	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125.0	1.575	1.050	0.525	0.000	0.000	0.000	0.000	0.000	0.000	0.000
127.5	1.050	1.050	0.525	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130.0	1.050	0.525	0.525	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132.5	0.525	0.525	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert. Angles **Horizontal Angles**

	<u>175.0</u>	<u>177.5</u>	<u>180.0</u>	<u>182.5</u>	<u>185.0</u>	<u>187.5</u>	<u>190.0</u>	<u>192.5</u>	<u>195.0</u>	<u>197.5</u>
0.0	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520
2.5	682.420	681.895	681.895	681.895	682.420	682.945	682.945	683.470	683.995	683.995
5.0	680.320	679.270	678.745	679.270	680.320	680.845	681.370	682.420	682.945	683.470
7.5	674.546	674.021	673.496	674.021	674.546	675.071	675.596	676.646	677.171	677.695
10.0	668.772	668.247	667.722	668.247	668.772	669.296	669.821	670.871	671.396	671.921
12.5	659.323	658.798	658.798	658.798	659.323	659.848	660.373	660.897	661.422	661.947
15.0	650.399	649.874	649.349	649.874	650.399	650.399	650.924	651.449	651.973	651.973
17.5	637.800	637.800	637.275	637.800	637.800	638.325	638.325	638.850	638.850	639.375
20.0	625.202	625.202	625.202	625.202	625.202	625.727	625.727	625.727	625.727	626.252
22.5	607.879	607.354	607.354	607.354	607.879	607.879	608.404	608.404	608.404	608.929
25.0	590.031	590.031	589.506	590.031	590.031	590.556	590.556	591.081	591.081	591.606
27.5	563.259	562.209	561.684	562.209	563.259	564.309	565.359	566.409	567.458	567.983
30.0	536.487	534.912	533.337	534.912	536.487	538.062	539.637	541.736	543.311	544.886
32.5	512.865	511.290	510.240	511.290	512.865	513.915	515.490	517.064	518.114	519.689
35.0	488.718	487.668	486.618	487.668	488.718	489.768	490.817	492.392	493.442	494.492
37.5	462.471	461.421	460.371	461.421	462.471	463.521	464.570	465.620	467.195	468.245
40.0	435.699	434.649	433.599	434.649	435.699	437.274	438.324	439.373	440.423	441.998
42.5	408.927	407.877	407.352	407.877	408.927	409.977	411.027	412.077	413.127	414.176
45.0	382.155	381.630	380.580	381.630	382.155	383.205	383.730	384.780	385.305	386.355

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

47.5	354.858	353.808	353.284	353.808	354.858	355.383	356.433	356.958	358.008	358.533
50.0	327.562	326.512	325.987	326.512	327.562	328.087	328.611	329.661	330.186	330.711
52.5	301.840	300.790	300.265	300.790	301.840	302.365	302.889	303.414	304.464	304.989
55.0	275.593	275.068	274.543	275.068	275.593	276.643	277.167	277.692	278.217	279.267
57.5	250.396	249.871	249.871	249.871	250.396	250.921	251.445	251.970	252.495	252.495
60.0	225.199	224.674	224.674	224.674	225.199	225.199	225.724	225.724	226.248	226.248
62.5	200.002	199.477	199.477	199.477	200.002	200.526	201.051	201.051	201.576	202.101
65.0	174.804	174.280	173.755	174.280	174.804	175.329	175.854	176.904	177.429	177.954
67.5	152.757	152.232	152.232	152.232	152.757	153.282	153.807	154.332	154.857	155.382
70.0	131.235	130.710	130.185	130.710	131.235	131.235	131.760	132.284	132.809	132.809
72.5	110.237	109.712	109.187	109.712	110.237	110.762	110.762	111.287	111.812	112.337
75.0	89.240	88.715	88.190	88.715	89.240	89.764	90.289	90.289	90.814	91.339
77.5	70.867	70.342	69.817	70.342	70.867	71.392	71.917	72.441	72.966	73.491
80.0	51.969	51.444	50.919	51.444	51.969	53.019	53.544	54.069	54.594	55.643
82.5	37.271	36.746	36.221	36.746	37.271	37.796	38.321	38.845	39.895	40.420
85.0	22.047	21.522	20.998	21.522	22.047	22.572	23.097	24.147	24.672	25.197
87.5	14.173	13.648	13.123	13.648	14.173	14.698	15.223	15.748	16.273	16.798
90.0	5.774	5.249	4.724	5.249	5.774	6.299	6.824	7.349	7.874	8.399
92.5	3.675	3.150	2.625	3.150	3.675	4.200	4.724	5.249	5.774	6.299
95.0	1.575	1.050	0.525	1.050	1.575	2.100	2.625	2.625	3.150	3.675
97.5	1.050	0.525	0.525	0.525	1.050	1.575	2.100	2.625	3.150	3.675
100.0	1.050	0.525	0.000	0.525	1.050	1.575	2.100	2.100	2.625	3.150
102.5	1.050	0.525	0.000	0.525	1.050	1.575	1.575	2.100	2.625	3.150
105.0	1.050	0.525	0.000	0.525	1.050	1.050	1.575	2.100	2.625	2.625
107.5	1.050	0.525	0.000	0.525	1.050	1.575	1.575	2.100	2.625	3.150
110.0	1.050	0.525	0.000	0.525	1.050	1.575	2.100	2.100	2.625	3.150
112.5	0.525	0.000	0.000	0.000	0.525	0.525	1.050	1.050	1.575	1.575
115.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5	220.0	222.5
0.0	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520
2.5	684.520	685.045	684.520	683.995	683.995	683.470	682.945	682.945	682.420	682.420
5.0	684.520	685.045	684.520	683.995	682.945	682.420	681.895	681.370	680.320	679.795
7.5	678.220	679.270	678.220	677.695	676.646	676.121	675.071	674.546	673.496	672.971
10.0	672.446	672.971	671.921	670.871	670.346	669.296	668.247	667.197	666.672	665.622
12.5	662.472	662.997	661.947	661.422	660.373	659.323	658.273	657.748	656.698	655.648
15.0	652.498	653.023	651.973	651.449	650.399	649.349	648.824	647.774	646.724	646.199
17.5	639.375	639.900	638.325	637.275	636.225	635.175	634.126	633.076	632.026	630.976
20.0	626.252	626.252	625.202	623.627	622.577	621.002	619.952	618.377	617.328	615.753
22.5	608.929	609.453	607.879	606.304	605.254	603.679	602.629	601.054	600.005	598.430
25.0	591.606	592.131	590.556	589.506	587.931	586.356	585.306	583.732	582.157	581.107
27.5	569.033	570.083	568.508	566.933	565.884	564.309	562.734	561.159	560.109	558.534
30.0	546.461	548.036	546.461	544.886	543.311	541.736	540.687	539.112	537.537	535.962
32.5	520.739	522.314	520.739	519.164	517.589	516.014	514.440	512.865	511.290	509.715
35.0	495.542	496.592	495.017	493.442	491.867	490.292	488.193	486.618	485.043	483.468
37.5	469.295	470.345	468.770	466.670	465.095	462.996	461.421	459.321	457.746	455.647
40.0	443.048	444.098	441.998	439.898	437.799	435.699	434.124	432.024	429.925	427.825
42.5	415.226	416.276	414.176	412.077	409.977	407.877	406.302	404.203	402.103	400.003
45.0	386.880	387.929	385.830	384.255	382.155	380.055	378.481	376.381	374.281	372.706
47.5	359.583	360.108	358.533	356.958	354.858	353.284	351.709	350.134	348.034	346.459
50.0	331.761	332.286	330.711	329.136	328.087	326.512	324.937	323.362	322.312	320.737
52.5	305.514	306.564	304.989	303.414	302.365	300.790	299.740	298.165	297.115	295.540
55.0	279.792	280.317	279.267	277.692	276.643	275.593	274.018	272.968	271.918	270.343
57.5	253.020	253.545	252.495	251.445	250.396	249.346	248.296	247.246	246.196	245.146
60.0	226.773	226.773	225.724	225.199	224.149	223.624	222.574	222.049	220.999	220.474
62.5	202.626	203.151	202.101	201.576	200.526	200.002	198.952	198.427	197.377	196.852
65.0	178.479	179.004	178.479	177.429	176.904	175.854	175.329	174.280	173.755	172.705
67.5	155.907	156.432	155.907	155.382	154.857	154.332	153.807	153.282	152.757	152.232
70.0	133.334	133.859	133.334	133.334	132.809	132.284	132.284	131.760	131.235	131.235
72.5	112.862	113.387	112.862	112.862	112.862	112.862	112.862	112.862	112.337	112.337
75.0	91.864	92.389	92.389	92.914	92.914	92.914	93.439	93.439	93.439	93.964
77.5	74.016	74.541	75.066	75.591	76.116	76.116	76.641	77.166	77.691	78.216
80.0	56.168	56.693	57.218	58.268	58.793	59.318	60.368	60.893	61.418	62.468
82.5	40.945	41.470	42.520	43.045	44.095	45.145	45.670	46.720	47.769	48.294
85.0	25.722	26.247	27.297	28.347	29.397	30.446	31.496	32.546	33.596	34.646
87.5	17.323	17.848	18.898	19.948	20.998	22.047	23.097	24.147	25.197	26.247
90.0	8.924	9.449	10.499	11.549	12.599	13.648	15.223	16.273	17.323	18.373
92.5	6.824	7.349	8.399	9.449	10.499	11.549	12.599	13.648	14.698	15.748
95.0	4.200	4.724	5.774	6.824	7.874	8.924	9.449	10.499	11.549	12.599
97.5	4.200	4.724	5.249	6.299	7.349	7.874	8.924	9.974	11.024	11.549
100.0	3.675	4.200	5.249	5.774	6.824	7.349	8.399	8.924	9.974	10.499
102.5	3.675	4.200	4.724	5.774	6.299	7.349	7.874	8.924	9.449	10.499
105.0	3.150	3.675	4.200	5.249	5.774	6.824	7.349	8.399	8.924	9.974
107.5	3.675	4.200	4.724	5.249	6.299	6.824	7.349	8.399	8.924	9.449
110.0	3.675	4.200	4.724	5.249	6.299	6.824	7.349	7.874	8.924	9.449
112.5	2.100	2.100	2.625	3.675	4.200	4.724	5.774	6.299	6.824	7.874
115.0	0.000	0.000	0.525	1.575	2.100	3.150	3.675	4.724	5.249	6.299
117.5	0.000	0.000	0.525	1.575	2.100	2.625	3.675	4.200	4.724	5.774
120.0	0.000	0.000	0.525	1.050	2.100	2.625	3.150	3.675	4.724	5.249
122.5	0.000	0.000	0.525	1.050	1.575	2.100	2.625	3.150	3.675	4.200
125.0	0.000	0.000	0.525	1.050	1.575	2.100	2.100	2.625	3.150	3.675
127.5	0.000	0.000	0.525	1.050	1.050	1.575	2.100	2.625	2.625	3.150
130.0	0.000	0.000	0.525	0.525	1.050	1.575	1.575	2.100	2.625	2.625

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CANDELA TABULATION - (Cont.)

132.5	0.000	0.000	0.000	0.525	0.525	0.525	1.050	1.050	1.050	1.575
135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

**Vert.
Angles**

Horizontal Angles

	<u>225.0</u>	<u>227.5</u>	<u>230.0</u>	<u>232.5</u>	<u>235.0</u>	<u>237.5</u>	<u>240.0</u>	<u>242.5</u>	<u>245.0</u>	<u>247.5</u>
0.0	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520
2.5	681.895	681.895	681.370	681.370	680.845	680.845	680.845	680.320	680.320	680.320
5.0	679.270	678.745	678.220	678.220	677.695	677.171	676.646	676.646	676.121	675.596
7.5	671.921	671.396	671.396	670.871	670.871	670.346	669.821	669.821	669.296	669.296
10.0	664.572	664.572	664.047	664.047	663.522	663.522	662.997	662.997	662.472	662.472
12.5	655.123	654.073	653.548	653.023	652.498	651.973	651.449	650.924	650.399	649.874
15.0	645.149	644.099	643.574	642.525	641.475	640.950	639.900	638.850	638.325	637.275
17.5	629.926	628.876	628.351	627.301	626.776	625.727	624.677	624.152	623.102	622.577
20.0	614.703	613.653	613.128	612.078	611.553	610.503	609.978	608.929	608.404	607.354
22.5	597.380	596.330	595.280	594.230	593.180	592.655	591.606	590.556	589.506	588.981
25.0	579.532	578.482	577.432	576.382	575.332	574.283	573.233	572.183	571.133	570.083
27.5	556.960	555.910	554.335	553.285	552.235	550.660	549.611	548.561	546.986	545.936
30.0	534.387	532.812	531.763	530.188	528.613	527.563	525.988	524.413	523.364	521.789
32.5	508.140	507.090	505.516	504.466	502.891	501.841	500.266	499.216	497.642	496.592
35.0	481.893	480.844	479.269	478.219	477.169	475.594	474.544	473.494	471.920	470.870
37.5	454.072	453.022	452.497	451.972	450.922	450.397	449.872	448.822	448.297	447.772
40.0	425.725	425.725	425.200	425.200	425.200	424.675	424.675	424.675	424.150	424.150
42.5	398.428	397.903	397.903	397.903	397.378	397.378	397.378	397.378	396.853	396.853
45.0	370.607	370.607	370.607	370.082	370.082	370.082	370.082	369.557	369.557	369.557
47.5	344.885	344.360	344.360	343.835	343.835	343.310	342.785	342.785	342.260	342.260
50.0	319.163	318.638	318.113	317.588	317.063	316.538	316.013	315.488	314.963	314.438
52.5	294.490	293.966	293.441	293.441	292.916	292.391	292.391	291.866	291.866	291.341
55.0	269.293	269.293	269.293	268.768	268.768	268.768	268.768	268.244	268.244	268.244
57.5	244.621	244.621	244.621	244.621	244.621	244.621	244.621	244.621	244.621	245.146
60.0	219.424	219.424	219.949	219.949	220.474	220.474	220.999	220.999	221.524	221.524
62.5	195.802	196.327	196.327	196.852	197.377	197.902	197.902	198.427	198.952	199.477
65.0	172.180	172.705	173.230	173.755	174.280	174.804	175.329	175.854	176.379	176.904
67.5	151.707	152.232	152.757	153.282	153.807	154.857	155.382	155.907	156.432	157.482
70.0	130.710	131.235	132.284	132.809	133.859	134.384	135.434	135.959	137.009	137.534
72.5	112.337	113.387	113.912	114.962	116.011	117.061	117.586	118.636	119.686	120.736
75.0	93.964	95.014	96.064	97.114	98.163	99.213	100.263	101.313	102.363	103.413
77.5	78.741	79.266	80.316	81.365	82.415	83.465	84.515	85.565	86.615	87.665

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

80.0	62.993	64.042	65.092	66.142	67.192	67.717	68.767	69.817	70.867	71.917
82.5	49.344	50.394	51.444	52.494	53.544	54.594	55.643	56.693	57.743	58.793
85.0	35.696	36.746	37.796	38.845	39.895	41.470	42.520	43.570	44.620	45.670
87.5	27.822	28.872	29.921	30.971	32.021	33.071	34.121	35.171	36.221	37.271
90.0	19.423	20.473	21.522	22.572	23.622	25.197	26.247	27.297	28.347	29.397
92.5	16.798	17.323	18.373	19.423	20.473	21.522	22.572	23.622	24.672	25.722
95.0	13.648	14.698	15.223	16.273	17.323	17.848	18.898	19.948	20.473	21.522
97.5	12.599	13.648	14.173	15.223	16.273	16.798	17.848	18.898	19.423	20.473
100.0	11.549	12.599	13.123	14.173	15.223	15.748	16.798	17.848	18.373	19.423
102.5	11.024	12.074	12.599	13.648	14.173	15.223	15.748	16.798	17.323	18.373
105.0	10.499	11.024	12.074	12.599	13.123	14.173	14.698	15.223	16.273	16.798
107.5	10.499	11.024	11.549	12.074	13.123	13.648	14.173	14.698	15.748	16.273
110.0	9.974	10.499	11.024	12.074	12.599	13.123	13.648	14.698	15.223	15.748
112.5	8.399	8.924	9.449	10.499	11.024	11.549	12.074	13.123	13.648	14.173
115.0	6.824	7.349	7.874	8.924	9.449	9.974	10.499	11.549	12.074	12.599
117.5	6.299	6.824	7.349	7.874	8.399	8.924	9.449	9.974	10.499	11.549
120.0	5.774	6.299	6.824	7.349	7.874	7.874	8.399	8.924	9.449	9.974
122.5	5.249	5.774	6.299	6.824	7.349	7.874	8.399	8.924	9.449	9.974
125.0	4.200	4.724	5.249	5.774	6.299	7.349	7.874	8.399	8.924	9.449
127.5	3.675	4.200	4.724	5.249	5.774	5.774	6.299	6.824	7.349	7.874
130.0	3.150	3.675	3.675	4.200	4.724	4.724	5.249	5.774	5.774	6.299
132.5	1.575	2.100	2.100	2.625	3.150	3.150	3.675	4.200	4.200	4.724
135.0	0.000	0.525	0.525	1.050	1.575	1.575	2.100	2.625	2.625	3.150
137.5	0.000	0.000	0.525	0.525	0.525	1.050	1.050	1.050	1.575	1.575
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert. Angles **Horizontal Angles**

	<u>250.0</u>	<u>252.5</u>	<u>255.0</u>	<u>257.5</u>	<u>260.0</u>	<u>262.5</u>	<u>265.0</u>	<u>267.5</u>	<u>270.0</u>	<u>272.5</u>
0.0	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520
2.5	680.320	680.320	680.320	680.320	680.320	680.320	680.320	680.320	680.320	680.320
5.0	675.596	675.596	675.596	675.596	676.121	676.121	676.121	676.121	676.121	676.121
7.5	668.772	668.772	668.772	668.772	668.772	668.772	668.247	668.247	668.247	668.247
10.0	662.472	661.947	661.947	661.422	661.422	660.897	660.897	660.373	660.373	660.373
12.5	649.349	649.349	648.824	648.824	648.299	648.299	647.774	647.774	647.249	647.774
15.0	636.750	636.750	636.225	635.700	635.700	635.175	634.651	634.651	634.126	634.651
17.5	622.052	621.527	621.527	621.002	620.477	620.477	619.952	619.427	619.427	619.427
20.0	606.829	606.829	606.304	605.779	605.779	605.254	604.729	604.729	604.204	604.729
22.5	588.456	587.931	587.931	587.406	587.406	586.881	586.881	586.356	586.356	586.356
25.0	570.083	569.558	569.558	569.033	569.033	568.508	568.508	567.983	567.983	567.983

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

27.5	545.936	545.411	545.411	545.411	545.411	544.886	544.886	544.886	544.886	544.886
30.0	521.789	521.789	521.789	521.789	521.264	521.264	521.264	521.264	521.264	521.264
32.5	496.067	495.542	495.542	495.017	494.492	494.492	493.967	493.967	493.442	493.967
35.0	470.345	469.820	469.295	468.770	467.720	467.195	466.670	466.145	465.620	466.145
37.5	446.723	445.673	445.148	444.098	443.573	442.523	441.998	440.948	440.423	440.948
40.0	423.100	422.050	421.001	419.951	418.901	417.851	416.801	415.751	414.701	415.751
42.5	395.804	394.754	393.704	392.654	391.604	390.554	389.504	388.454	387.405	388.454
45.0	368.507	367.457	366.407	365.357	364.307	363.257	362.207	361.158	360.108	361.158
47.5	341.210	340.160	339.110	338.585	337.535	336.486	335.436	334.911	333.861	334.911
50.0	313.913	312.863	312.338	311.288	310.764	309.714	309.189	308.139	307.614	308.139
52.5	290.291	289.241	288.716	287.666	286.616	285.566	285.042	283.992	282.942	283.992
55.0	267.194	266.144	265.094	264.044	262.469	261.419	260.369	259.320	258.270	259.320
57.5	244.096	243.046	241.997	240.947	240.422	239.372	238.322	237.272	236.747	237.272
60.0	220.999	219.949	219.424	218.374	217.849	216.800	216.275	215.225	214.700	215.225
62.5	198.952	198.427	197.902	197.377	196.852	196.327	195.802	195.277	195.277	195.277
65.0	176.904	176.379	176.379	176.379	175.854	175.854	175.854	175.329	175.329	175.329
67.5	157.482	157.482	157.482	158.006	158.006	158.006	158.006	158.531	158.531	158.531
70.0	138.059	138.584	139.109	139.634	139.634	140.159	140.683	141.208	141.733	141.208
72.5	120.736	121.261	121.786	122.311	122.836	123.361	123.885	124.410	124.935	124.410
75.0	103.938	104.463	104.988	105.513	105.513	106.038	106.562	107.087	107.612	107.087
77.5	88.190	88.715	89.240	89.764	90.289	90.814	91.339	91.864	92.914	91.864
80.0	72.441	72.966	74.016	74.541	75.066	75.591	76.641	77.166	77.691	77.166
82.5	59.318	59.843	60.893	61.418	61.943	62.468	62.993	63.518	64.567	63.518
85.0	46.195	46.720	47.244	47.769	48.819	49.344	49.869	50.394	50.919	50.394
87.5	37.796	38.321	38.845	39.370	39.895	40.420	40.945	41.470	41.995	41.470
90.0	29.921	30.446	30.446	30.971	31.496	32.021	32.021	32.546	33.071	32.546
92.5	25.722	26.247	26.772	26.772	27.297	27.822	28.347	28.347	28.872	28.347
95.0	22.047	22.047	22.572	23.097	23.097	23.622	24.147	24.147	24.672	24.147
97.5	20.998	20.998	21.522	22.047	22.572	22.572	23.097	23.622	24.147	23.622
100.0	19.948	20.473	20.473	20.998	21.522	22.047	22.047	22.572	23.097	22.572
102.5	18.373	18.898	19.423	19.948	20.473	20.998	20.998	21.522	22.047	21.522
105.0	17.323	17.848	18.373	18.898	18.898	19.423	19.948	20.473	20.998	20.473
107.5	16.798	16.798	17.323	17.848	18.373	18.373	18.898	19.423	19.948	19.423
110.0	16.273	16.273	16.798	16.798	17.323	17.323	17.848	17.848	18.373	17.848
112.5	14.698	14.698	15.223	15.223	15.748	15.748	16.273	16.273	16.798	16.273
115.0	12.599	13.123	13.123	13.648	13.648	14.173	14.173	14.698	14.698	14.698
117.5	11.549	12.074	12.074	12.599	12.599	13.123	13.123	13.648	13.648	13.648
120.0	10.499	10.499	11.024	11.024	11.549	11.549	12.074	12.074	12.599	12.074
122.5	9.974	9.974	10.499	10.499	10.499	11.024	11.024	11.024	11.549	11.024
125.0	9.449	9.449	9.449	9.449	9.974	9.974	9.974	9.974	9.974	9.974
127.5	7.874	8.399	8.399	8.399	8.399	8.924	8.924	8.924	9.449	8.924
130.0	6.299	6.824	6.824	7.349	7.349	7.874	7.874	8.399	8.399	8.399
132.5	5.249	5.249	5.774	5.774	6.299	6.299	6.824	6.824	7.349	6.824
135.0	3.675	3.675	4.200	4.200	4.724	4.724	5.249	5.249	5.774	5.249
137.5	2.100	2.100	2.625	3.150	3.675	3.675	4.200	4.724	5.249	4.724
140.0	0.525	1.050	1.575	2.100	2.100	2.625	3.150	3.675	4.200	3.675
142.5	0.000	0.525	0.525	1.050	1.050	1.575	1.575	2.100	2.100	2.100
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AX2WD-4-L33-840-S-(L16)-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert. Angles	Horizontal Angles									
	<u>275.0</u>	<u>277.5</u>	<u>280.0</u>	<u>282.5</u>	<u>285.0</u>	<u>287.5</u>	<u>290.0</u>	<u>292.5</u>	<u>295.0</u>	<u>297.5</u>
0.0	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520
2.5	680.320	680.320	680.320	680.320	680.320	680.320	680.320	680.320	680.320	680.320
5.0	676.121	676.121	676.121	675.596	675.596	675.596	675.596	675.596	676.121	676.646
7.5	668.247	668.772	668.772	668.772	668.772	668.772	668.772	669.296	669.296	669.821
10.0	660.897	660.897	661.422	661.422	661.947	661.947	662.472	662.472	662.472	662.997
12.5	647.774	648.299	648.299	648.824	648.824	649.349	649.349	649.874	650.399	650.924
15.0	634.651	635.175	635.700	635.700	636.225	636.750	636.750	637.275	638.325	638.850
17.5	619.952	620.477	620.477	621.002	621.527	621.527	622.052	622.577	623.102	624.152
20.0	604.729	605.254	605.779	605.779	606.304	606.829	606.829	607.354	608.404	608.929
22.5	586.881	586.881	587.406	587.406	587.931	587.931	588.456	588.981	589.506	590.556
25.0	568.508	568.508	569.033	569.033	569.558	569.558	570.083	570.083	571.133	572.183
27.5	544.886	544.886	545.411	545.411	545.411	545.411	545.936	545.936	546.986	548.561
30.0	521.264	521.264	521.264	521.789	521.789	521.789	521.789	521.789	523.364	524.413
32.5	493.967	494.492	494.492	495.017	495.542	495.542	496.067	496.592	497.642	499.216
35.0	466.670	467.195	467.720	468.770	469.295	469.820	470.345	470.870	471.920	473.494
37.5	441.998	442.523	443.573	444.098	445.148	445.673	446.723	447.772	448.297	448.822
40.0	416.801	417.851	418.901	419.951	421.001	422.050	423.100	424.150	424.150	424.675
42.5	389.504	390.554	391.604	392.654	393.704	394.754	395.804	396.853	396.853	397.378
45.0	362.207	363.257	364.307	365.357	366.407	367.457	368.507	369.557	369.557	369.557
47.5	335.436	336.486	337.535	338.585	339.110	340.160	341.210	342.260	342.260	342.785
50.0	309.189	309.714	310.764	311.288	312.338	312.863	313.913	314.438	314.963	315.488
52.5	285.042	285.566	286.616	287.666	288.716	289.241	290.291	291.341	291.866	291.866
55.0	260.369	261.419	262.469	264.044	265.094	266.144	267.194	268.244	268.244	268.244
57.5	238.322	239.372	240.422	240.947	241.997	243.046	244.096	245.146	244.621	244.621
60.0	216.275	216.800	217.849	218.374	219.424	219.949	220.999	221.524	221.524	220.999
62.5	195.802	196.327	196.852	197.377	197.902	198.427	198.952	199.477	198.952	198.427
65.0	175.854	175.854	175.854	176.379	176.379	176.379	176.904	176.904	176.379	175.854
67.5	158.006	158.006	158.006	158.006	157.482	157.482	157.482	157.482	156.432	155.907
70.0	140.683	140.159	139.634	139.634	139.109	138.584	138.059	137.534	137.009	135.959
72.5	123.885	123.361	122.836	122.311	121.786	121.261	120.736	120.736	119.686	118.636
75.0	106.562	106.038	105.513	105.513	104.988	104.463	103.938	103.413	102.363	101.313
77.5	91.339	90.814	90.289	89.764	89.240	88.715	88.190	87.665	86.615	85.565
80.0	76.641	75.591	75.066	74.541	74.016	72.966	72.441	71.917	70.867	69.817
82.5	62.993	62.468	61.943	61.418	60.893	59.843	59.318	58.793	57.743	56.693
85.0	49.869	49.344	48.819	47.769	47.244	46.720	46.195	45.670	44.620	43.570
87.5	40.945	40.420	39.895	39.370	38.845	38.321	37.796	37.796	36.221	35.171
90.0	32.021	32.021	31.496	30.971	30.446	30.446	29.921	29.397	28.347	27.297
92.5	28.347	27.822	27.297	26.772	26.772	26.247	25.722	25.722	24.672	23.622
95.0	24.147	23.622	23.097	23.097	22.572	22.047	22.047	21.522	20.473	19.948
97.5	23.097	22.572	22.572	22.047	21.522	20.998	20.998	20.473	19.423	18.898
100.0	22.047	22.047	21.522	20.998	20.473	20.473	19.948	19.423	18.373	17.848
102.5	20.998	20.998	20.473	19.948	19.423	18.898	18.373	18.373	17.323	16.798
105.0	19.948	19.423	18.898	18.898	18.373	17.848	17.323	16.798	16.273	15.223
107.5	18.898	18.373	18.373	17.848	17.323	16.798	16.798	16.273	15.748	14.698
110.0	17.848	17.323	17.323	16.798	16.798	16.273	16.273	15.748	15.223	14.698
112.5	16.273	15.748	15.748	15.223	15.223	14.698	14.698	14.173	13.648	13.123

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

115.0	14.173	14.173	13.648	13.648	13.123	13.123	12.599	12.599	12.074	11.549
117.5	13.123	13.123	12.599	12.599	12.074	12.074	11.549	11.549	10.499	9.974
120.0	12.074	11.549	11.549	11.024	11.024	10.499	10.499	9.974	9.449	8.924
122.5	11.024	11.024	10.499	10.499	10.499	9.974	9.974	9.974	9.449	8.924
125.0	9.974	9.974	9.974	9.449	9.449	9.449	9.449	9.449	8.924	8.399
127.5	8.924	8.924	8.399	8.399	8.399	8.399	7.874	7.874	7.349	6.824
130.0	7.874	7.874	7.349	7.349	6.824	6.824	6.299	6.299	5.774	5.774
132.5	6.824	6.299	6.299	5.774	5.774	5.249	5.249	4.724	4.200	4.200
135.0	5.249	4.724	4.724	4.200	4.200	3.675	3.675	3.150	2.625	2.625
137.5	4.200	3.675	3.675	3.150	2.625	2.100	2.100	1.575	1.575	1.050
140.0	3.150	2.625	2.100	2.100	1.575	1.050	0.525	0.000	0.000	0.000
142.5	1.575	1.575	1.050	1.050	0.525	0.525	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

**Vert.
Angles**

Horizontal Angles

	<u>300.0</u>	<u>302.5</u>	<u>305.0</u>	<u>307.5</u>	<u>310.0</u>	<u>312.5</u>	<u>315.0</u>	<u>317.5</u>	<u>320.0</u>	<u>322.5</u>
0.0	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520
2.5	680.845	680.845	680.845	681.370	681.370	681.895	681.895	682.420	682.420	682.945
5.0	676.646	677.171	677.695	678.220	678.220	678.745	679.270	679.795	680.320	681.370
7.5	669.821	670.346	670.871	670.871	671.396	671.396	671.921	672.971	673.496	674.546
10.0	662.997	663.522	663.522	664.047	664.047	664.572	664.572	665.622	666.672	667.197
12.5	651.449	651.973	652.498	653.023	653.548	654.073	655.123	655.648	656.698	657.748
15.0	639.900	640.950	641.475	642.525	643.574	644.099	645.149	646.199	646.724	647.774
17.5	624.677	625.727	626.776	627.301	628.351	628.876	629.926	630.976	632.026	633.076
20.0	609.978	610.503	611.553	612.078	613.128	613.653	614.703	615.753	617.328	618.377
22.5	591.606	592.655	593.180	594.230	595.280	596.330	597.380	598.430	600.005	601.054
25.0	573.233	574.283	575.332	576.382	577.432	578.482	579.532	581.107	582.157	583.732
27.5	549.611	550.660	552.235	553.285	554.335	555.910	556.960	558.534	560.109	561.159
30.0	525.988	527.563	528.613	530.188	531.763	532.812	534.387	535.962	537.537	539.112
32.5	500.266	501.841	502.891	504.466	505.516	507.090	508.140	509.715	511.290	512.865
35.0	474.544	475.594	477.169	478.219	479.269	480.844	481.893	483.468	485.043	486.618
37.5	449.872	450.397	450.922	451.972	452.497	453.022	454.072	455.647	457.746	459.321
40.0	424.675	424.675	425.200	425.200	425.200	425.725	425.725	427.825	429.925	432.024
42.5	397.378	397.378	397.378	397.903	397.903	397.903	398.428	400.003	402.103	404.203
45.0	370.082	370.082	370.082	370.082	370.607	370.607	370.607	372.706	374.281	376.381
47.5	342.785	343.310	343.835	343.835	344.360	344.360	344.885	346.459	348.034	350.134
50.0	316.013	316.538	317.063	317.588	318.113	318.638	319.163	320.737	322.312	323.362
52.5	292.391	292.391	292.916	293.441	293.441	293.966	294.490	295.540	297.115	298.165
55.0	268.768	268.768	268.768	268.768	269.293	269.293	269.293	270.343	271.918	272.968
57.5	244.621	244.621	244.621	244.621	244.621	244.621	244.621	245.146	246.196	247.246
60.0	220.999	220.474	220.474	219.949	219.949	219.424	219.424	220.474	220.999	222.049

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

62.5	197.902	197.902	197.377	196.852	196.327	196.327	195.802	196.852	197.377	198.427
65.0	175.329	174.804	174.280	173.755	173.230	172.705	172.180	172.705	173.755	174.280
67.5	155.382	154.857	153.807	153.282	152.757	152.232	151.707	152.232	152.757	153.282
70.0	135.434	134.384	133.859	132.809	132.284	131.235	130.710	131.235	131.235	131.760
72.5	117.586	117.061	116.011	114.962	113.912	113.387	112.337	112.337	112.337	112.862
75.0	100.263	99.213	98.163	97.114	96.064	95.014	93.964	93.964	93.439	93.439
77.5	84.515	83.465	82.415	81.365	80.316	79.266	78.741	78.216	77.691	77.166
80.0	68.767	67.717	67.192	66.142	65.092	64.042	62.993	62.468	61.418	60.893
82.5	55.643	54.594	53.544	52.494	51.444	50.394	49.344	48.294	47.769	46.720
85.0	42.520	41.470	39.895	38.845	37.796	36.746	35.696	34.646	33.596	32.546
87.5	34.121	33.071	32.021	30.971	29.921	28.872	27.822	26.247	25.197	24.147
90.0	26.247	25.197	23.622	22.572	21.522	20.473	19.423	18.373	17.323	16.273
92.5	22.572	21.522	20.473	19.423	18.373	17.323	16.798	15.748	14.698	13.648
95.0	18.898	17.848	17.323	16.273	15.223	14.698	13.648	12.599	11.549	10.499
97.5	17.848	16.798	16.273	15.223	14.173	13.648	12.599	11.549	11.024	9.974
100.0	16.798	15.748	15.223	14.173	13.123	12.599	11.549	10.499	9.974	8.924
102.5	15.748	15.223	14.173	13.648	12.599	12.074	11.024	10.499	9.449	8.924
105.0	14.698	14.173	13.123	12.599	12.074	11.024	10.499	9.974	8.924	8.399
107.5	14.173	13.648	13.123	12.074	11.549	11.024	10.499	9.449	8.924	8.399
110.0	13.648	13.123	12.599	12.074	11.024	10.499	9.974	9.449	8.924	7.874
112.5	12.074	11.549	11.024	10.499	9.449	8.924	8.399	7.874	6.824	6.299
115.0	10.499	9.974	9.449	8.924	7.874	7.349	6.824	6.299	5.249	4.724
117.5	9.449	8.924	8.399	7.874	7.349	6.824	6.299	5.774	4.724	4.200
120.0	8.399	7.874	7.349	6.824	6.299	5.774	5.249	4.724	3.675	3.150
122.5	8.399	7.874	7.349	6.824	6.299	5.774	5.249	4.200	3.675	3.150
125.0	7.874	7.349	6.299	5.774	5.249	4.724	4.200	3.675	3.150	2.625
127.5	6.299	5.774	5.774	5.249	4.724	4.200	3.675	3.150	2.625	2.625
130.0	5.249	4.724	4.724	4.200	3.675	3.675	3.150	2.625	2.625	2.100
132.5	3.675	3.150	3.150	2.625	2.100	2.100	1.575	1.575	1.050	1.050
135.0	2.100	1.575	1.575	1.050	0.525	0.525	0.000	0.000	0.000	0.000
137.5	1.050	1.050	0.525	0.525	0.525	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert. Angles **Horizontal Angles**

	<u>325.0</u>	<u>327.5</u>	<u>330.0</u>	<u>332.5</u>	<u>335.0</u>	<u>337.5</u>	<u>340.0</u>	<u>342.5</u>	<u>345.0</u>	<u>347.5</u>
0.0	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520	684.520
2.5	682.945	683.470	683.995	683.995	684.520	685.045	684.520	683.995	683.995	683.470
5.0	681.895	682.420	682.945	683.995	684.520	685.045	684.520	683.470	682.945	682.420
7.5	675.071	676.121	676.646	677.695	678.220	679.270	678.220	677.695	677.171	676.646

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CANDELA TABULATION - (Cont.)

10.0	668.247	669.296	670.346	670.871	671.921	672.971	672.446	671.921	671.396	670.871
12.5	658.273	659.323	660.373	661.422	661.947	662.997	662.472	661.947	661.422	660.897
15.0	648.824	649.349	650.399	651.449	651.973	653.023	652.498	651.973	651.449	651.449
17.5	634.126	635.175	636.225	637.275	638.325	639.900	639.375	639.375	638.850	638.850
20.0	619.952	621.002	622.577	623.627	625.202	626.252	626.252	626.252	625.727	625.727
22.5	602.629	603.679	605.254	606.304	607.879	609.453	608.929	608.929	608.404	608.404
25.0	585.306	586.356	587.931	589.506	590.556	592.131	591.606	591.606	591.081	591.081
27.5	562.734	564.309	565.884	566.933	568.508	570.083	569.033	567.983	566.933	566.409
30.0	540.687	541.736	543.311	544.886	546.461	548.036	546.461	544.886	543.311	541.736
32.5	514.440	516.014	517.589	519.164	520.739	522.314	520.739	519.689	518.114	517.064
35.0	488.193	490.292	491.867	493.442	495.017	496.592	495.542	494.492	493.442	492.392
37.5	460.896	462.996	464.570	466.670	468.245	470.345	469.295	468.245	466.670	465.620
40.0	434.124	435.699	437.799	439.898	441.998	444.098	443.048	441.998	440.423	439.373
42.5	406.302	407.877	409.977	412.077	414.176	416.276	415.226	414.176	413.127	412.077
45.0	378.481	380.055	382.155	384.255	385.830	387.929	386.880	386.355	385.305	384.780
47.5	351.709	353.284	354.858	356.958	358.533	360.108	359.583	358.533	358.008	356.958
50.0	324.937	326.512	328.087	329.136	330.711	332.286	331.761	330.711	330.186	329.661
52.5	299.740	300.790	302.365	303.414	304.989	306.564	305.514	304.989	304.464	303.414
55.0	274.018	275.593	276.643	277.692	279.267	280.317	279.792	279.267	278.217	277.692
57.5	248.296	249.346	250.396	251.445	252.495	253.545	253.020	252.495	252.495	251.970
60.0	222.574	223.624	224.149	225.199	225.724	226.773	226.773	226.248	226.248	225.724
62.5	198.952	200.002	200.526	201.576	202.101	203.151	202.626	202.101	201.576	201.051
65.0	175.329	175.854	176.904	177.429	178.479	179.004	178.479	177.954	177.429	176.904
67.5	153.807	154.332	154.857	155.382	155.907	156.432	155.907	155.382	154.857	154.332
70.0	132.284	132.284	132.809	133.334	133.334	133.859	133.334	132.809	132.809	132.284
72.5	112.862	112.862	112.862	112.862	112.862	113.387	112.862	112.337	111.812	111.287
75.0	93.439	92.914	92.914	92.914	92.389	92.389	91.864	91.339	90.814	90.289
77.5	76.641	76.116	76.116	75.591	75.066	74.541	74.016	73.491	72.966	72.441
80.0	60.368	59.318	58.793	58.268	57.218	56.693	56.168	55.643	54.594	54.069
82.5	45.670	45.145	44.095	43.045	42.520	41.470	40.945	40.420	39.895	38.845
85.0	31.496	30.446	29.397	28.347	27.297	26.247	25.722	25.197	24.672	24.147
87.5	23.097	22.047	20.998	19.948	18.898	17.848	17.323	16.798	16.273	15.748
90.0	15.223	13.648	12.599	11.549	10.499	9.449	8.924	8.399	7.874	7.349
92.5	12.599	11.549	10.499	9.449	8.399	7.349	6.824	6.299	5.774	5.249
95.0	9.449	8.924	7.874	6.824	5.774	4.724	4.200	3.675	3.150	2.625
97.5	8.924	7.874	7.349	6.299	5.249	4.724	4.200	3.675	3.150	2.625
100.0	8.399	7.349	6.824	5.774	5.249	4.200	3.675	3.150	2.625	2.100
102.5	7.874	7.349	6.299	5.774	4.724	4.200	3.675	3.150	2.625	2.100
105.0	7.349	6.824	5.774	5.249	4.200	3.675	3.150	2.625	2.625	2.100
107.5	7.349	6.824	6.299	5.249	4.724	4.200	3.675	3.150	2.625	2.100
110.0	7.349	6.824	6.299	5.249	4.724	4.200	3.675	3.150	2.625	2.100
112.5	5.774	4.724	4.200	3.675	2.625	2.100	2.100	1.575	1.575	1.050
115.0	3.675	3.150	2.100	1.575	0.525	0.000	0.000	0.000	0.000	0.000
117.5	3.675	2.625	2.100	1.575	0.525	0.000	0.000	0.000	0.000	0.000
120.0	3.150	2.625	2.100	1.050	0.525	0.000	0.000	0.000	0.000	0.000
122.5	2.625	2.100	1.575	1.050	0.525	0.000	0.000	0.000	0.000	0.000
125.0	2.100	2.100	1.575	1.050	0.525	0.000	0.000	0.000	0.000	0.000
127.5	2.100	1.575	1.050	1.050	0.525	0.000	0.000	0.000	0.000	0.000
130.0	1.575	1.575	1.050	0.525	0.525	0.000	0.000	0.000	0.000	0.000
132.5	1.050	0.525	0.525	0.525	0.000	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AX2WD-4-L33-840-S-(L16)-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert. Angles **Horizontal Angles**

	<u>350.0</u>	<u>352.5</u>	<u>355.0</u>	<u>357.5</u>	<u>360.0</u>
0.0	684.520	684.520	684.520	684.520	684.520
2.5	682.945	682.945	682.420	681.895	681.895
5.0	681.370	680.845	680.320	679.270	678.745
7.5	675.596	675.071	674.546	674.021	673.496
10.0	669.821	669.296	668.772	668.247	667.722
12.5	660.373	659.848	659.323	658.798	658.798
15.0	650.924	650.399	650.399	649.874	649.349
17.5	638.325	638.325	637.800	637.800	637.275
20.0	625.727	625.727	625.202	625.202	625.202
22.5	608.404	607.879	607.879	607.354	607.354
25.0	590.556	590.556	590.031	590.031	589.506
27.5	565.359	564.309	563.259	562.209	561.684
30.0	539.637	538.062	536.487	534.912	533.337
32.5	515.490	513.915	512.865	511.290	510.240
35.0	490.817	489.768	488.718	487.668	486.618
37.5	464.570	463.521	462.471	461.421	460.371
40.0	438.324	437.274	435.699	434.649	433.599
42.5	411.027	409.977	408.927	407.877	407.352
45.0	383.730	383.205	382.155	381.630	380.580
47.5	356.433	355.383	354.858	353.808	353.284
50.0	328.611	328.087	327.562	326.512	325.987
52.5	302.889	302.365	301.840	300.790	300.265
55.0	277.167	276.643	275.593	275.068	274.543
57.5	251.445	250.921	250.396	249.871	249.871
60.0	225.724	225.199	225.199	224.674	224.674
62.5	201.051	200.526	200.002	199.477	199.477
65.0	175.854	175.329	174.804	174.280	173.755
67.5	153.807	153.282	152.757	152.232	152.232
70.0	131.760	131.235	131.235	130.710	130.185
72.5	110.762	110.762	110.237	109.712	109.187
75.0	90.289	89.764	89.240	88.715	88.190
77.5	71.917	71.392	70.867	70.342	69.817
80.0	53.544	53.019	51.969	51.444	50.919
82.5	38.321	37.796	37.271	36.746	36.221
85.0	23.097	22.572	22.047	21.522	20.998
87.5	15.223	14.698	14.173	13.648	13.123
90.0	6.824	6.299	5.774	5.249	4.724
92.5	4.724	4.200	3.675	3.150	2.625
95.0	2.625	2.100	1.575	1.050	0.525

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AX2WD-4-L33-840-S-(L16)-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

97.5	2.100	1.575	1.050	0.525	0.525
100.0	2.100	1.575	1.050	0.525	0.000
102.5	1.575	1.575	1.050	0.525	0.000
105.0	1.575	1.050	1.050	0.525	0.000
107.5	1.575	1.575	1.050	0.525	0.000
110.0	2.100	1.575	1.050	0.525	0.000
112.5	1.050	0.525	0.525	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AX2WD-4-L33-840-S-(L16)-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	245.81	N.A.	14.40
0-30	511.86	N.A.	30.00
0-40	812.96	N.A.	47.70
0-60	1344.55	N.A.	78.90
0-80	1623.13	N.A.	95.20
0-90	1665.36	N.A.	97.70
10-90	1600.98	N.A.	93.90
20-40	567.15	N.A.	33.30
20-50	856.31	N.A.	50.20
40-70	706.67	N.A.	41.40
60-80	278.58	N.A.	16.30
70-80	103.50	N.A.	6.10
80-90	42.24	N.A.	2.50
90-110	26.85	N.A.	1.60
90-120	34.00	N.A.	2.00
90-130	38.13	N.A.	2.20
90-150	39.60	N.A.	2.30
90-180	39.60	N.A.	2.30
110-180	12.75	N.A.	0.70
0-180	1704.97	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	64.38
10-20	181.43
20-30	266.06
30-40	301.10
40-50	289.16
50-60	242.43
60-70	175.08
70-80	103.50
80-90	42.24
90-100	15.65
100-110	11.20
110-120	7.15
120-130	4.12
130-140	1.38
140-150	0.09
150-160	0.00
160-170	0.00
170-180	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AX2WD-4-L33-840-S-(L16)-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	118	118	118	118	115	115	115	115	110	110	110	105	105	105	100	100	100	98
1	108	104	99	96	105	101	97	94	96	93	90	92	90	87	88	86	84	82
2	99	91	84	79	96	89	83	78	85	80	75	81	77	73	78	74	71	69
3	91	80	72	66	88	79	71	65	75	69	64	72	67	62	69	65	61	59
4	83	72	63	56	81	70	62	56	67	60	55	65	59	54	62	57	53	51
5	77	64	55	49	74	63	55	49	61	53	48	58	52	47	56	51	46	44
6	71	58	49	43	69	57	49	43	55	48	42	53	47	42	51	46	41	39
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	47	41	37	35
8	62	48	40	34	60	48	40	34	46	39	34	45	38	33	43	37	33	31
9	58	44	36	31	56	44	36	31	42	35	31	41	35	30	40	34	30	28
10	54	41	33	28	53	41	33	28	39	33	28	38	32	28	37	32	27	26

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AX2WD-4-L33-840-S-(L16)-DIM-UNV_.IES

UGR TABLE - CORRECTED

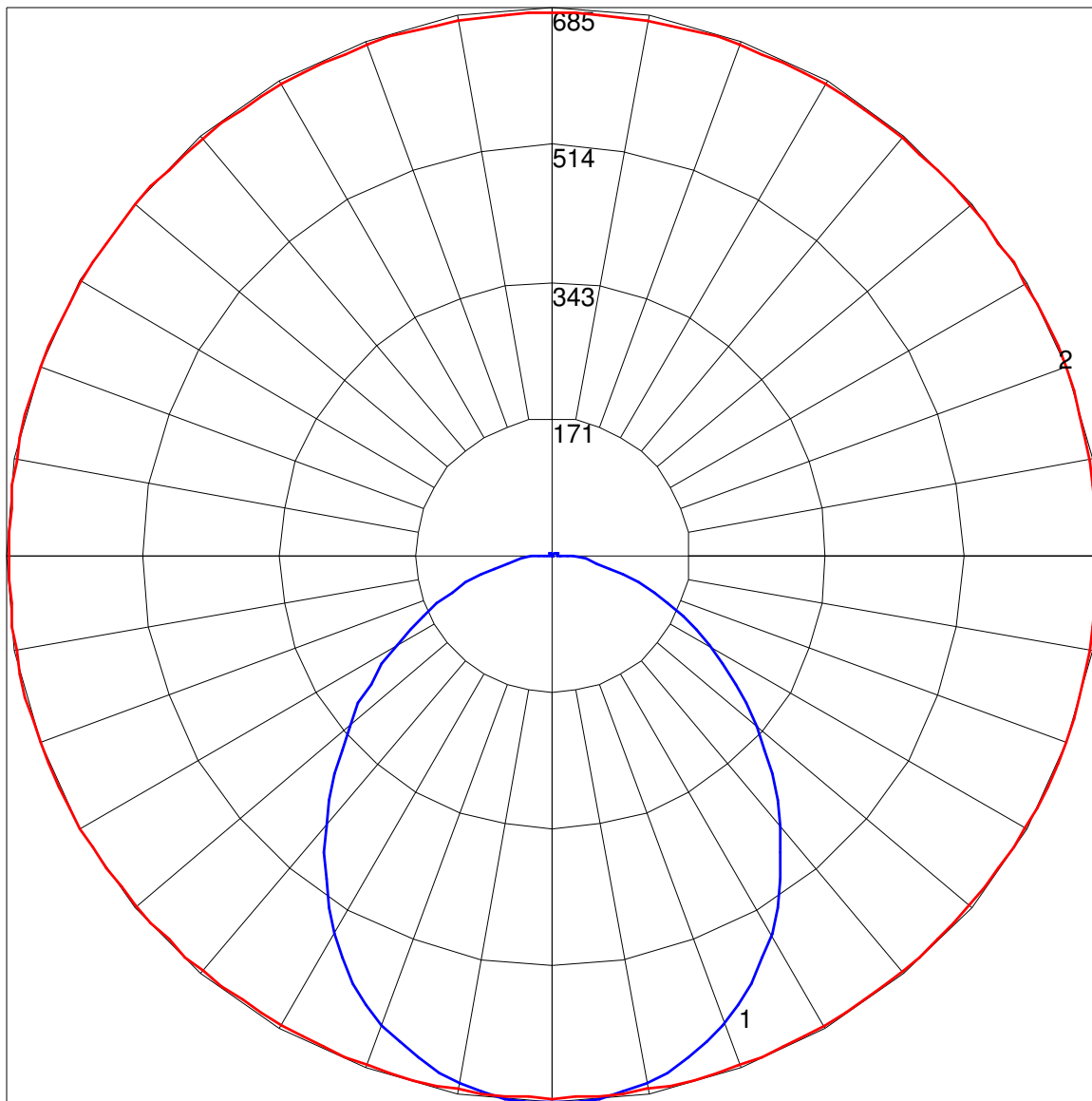
Reflectances

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	18.7	20.2	19.1	20.6	20.9	18.4	20.0	18.8	20.3	20.7
	3H	20.3	21.7	20.7	22.0	22.4	20.2	21.6	20.6	22.0	22.4
	4H	20.8	22.1	21.3	22.5	23.0	21.0	22.3	21.4	22.7	23.1
	6H	21.2	22.5	21.7	22.9	23.3	21.7	22.9	22.2	23.3	23.8
	8H	21.4	22.5	21.8	23.0	23.4	22.0	23.2	22.5	23.6	24.1
	12H	21.4	22.6	21.9	23.0	23.5	22.4	23.5	22.8	23.9	24.4
4H	2H	19.2	20.5	19.6	20.9	21.3	19.0	20.3	19.4	20.7	21.1
	3H	21.0	22.1	21.4	22.5	23.0	21.0	22.1	21.4	22.5	23.0
	4H	21.7	22.7	22.2	23.2	23.7	21.9	22.9	22.4	23.4	23.9
	6H	22.3	23.1	22.8	23.6	24.1	22.8	23.7	23.3	24.2	24.7
	8H	22.5	23.3	22.9	23.7	24.3	23.2	24.0	23.7	24.5	25.0
	12H	22.6	23.3	23.1	23.8	24.3	23.6	24.4	24.2	24.9	25.4
8H	4H	22.0	22.9	22.5	23.3	23.8	22.2	23.0	22.7	23.5	24.0
	6H	22.7	23.4	23.2	23.9	24.5	23.3	23.9	23.8	24.5	25.0
	8H	23.0	23.6	23.5	24.1	24.7	23.8	24.4	24.3	24.9	25.5
	12H	23.2	23.7	23.7	24.3	24.9	24.4	24.9	24.9	25.4	26.0
12H	4H	22.1	22.8	22.6	23.3	23.9	22.3	23.0	22.8	23.5	24.0
	6H	22.8	23.4	23.4	23.9	24.5	23.3	23.9	23.9	24.4	25.0
	8H	23.2	23.7	23.7	24.2	24.8	23.9	24.5	24.5	25.0	25.6

Maximum UGR = 26.0

POLAR GRAPH



Maximum Candela = 685.045 Located At Horizontal Angle = 22.5, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (22.5 - 202.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)