



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : AX2WD-4-L33-840-S-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] 05-30-2023

[MANUFAC] 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-DIM-UNV

[LAMPCAT] HLM 80 CRI, 4000K CCT

[\_SEARCH\_SOURCE TYPE] 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	3417
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	82
Total Luminaire Watts	41.6
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	16490	16057	15603
55	14665	14384	13795
65	12596	12482	12710
75	10439	11123	12738
85	7381	12548	17899

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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>
<b>0.0</b>	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850
<b>2.5</b>	1366.590	1366.590	1367.642	1368.694	1368.694	1369.746	1370.798	1370.798	1371.850	1372.902
<b>5.0</b>	1360.277	1361.329	1363.433	1364.485	1365.538	1367.642	1368.694	1369.746	1371.850	1372.902
<b>7.5</b>	1349.757	1350.809	1351.861	1352.913	1353.965	1356.069	1357.121	1358.173	1359.225	1361.329
<b>10.0</b>	1338.185	1339.237	1340.289	1341.341	1342.393	1344.497	1345.549	1346.601	1347.653	1348.705
<b>12.5</b>	1320.300	1320.300	1321.352	1322.404	1323.456	1324.508	1325.560	1326.612	1327.664	1328.716
<b>15.0</b>	1301.364	1302.416	1303.468	1303.468	1304.520	1305.572	1306.624	1306.624	1307.676	1308.728
<b>17.5</b>	1277.167	1278.219	1278.219	1279.271	1279.271	1280.323	1280.323	1281.375	1281.375	1282.427
<b>20.0</b>	1252.970	1252.970	1252.970	1254.022	1254.022	1254.022	1254.022	1255.074	1255.074	1255.074
<b>22.5</b>	1217.201	1217.201	1218.253	1218.253	1219.305	1219.305	1219.305	1220.357	1220.357	1221.409
<b>25.0</b>	1181.432	1182.484	1182.484	1183.536	1183.536	1184.588	1184.588	1185.640	1185.640	1186.692
<b>27.5</b>	1125.674	1126.726	1128.830	1130.934	1133.038	1135.143	1137.247	1138.299	1140.403	1142.507
<b>30.0</b>	1068.865	1072.021	1075.177	1078.333	1081.489	1085.697	1088.853	1092.009	1095.165	1098.321
<b>32.5</b>	1022.575	1024.679	1027.835	1029.939	1033.095	1036.252	1038.356	1041.512	1043.616	1046.772
<b>35.0</b>	975.234	977.338	979.442	981.546	983.650	986.806	988.910	991.014	993.118	995.222
<b>37.5</b>	922.632	924.736	926.840	928.944	931.048	933.152	936.308	938.413	940.517	942.621
<b>40.0</b>	868.978	871.082	873.187	876.343	878.447	880.551	882.655	885.811	887.915	890.019
<b>42.5</b>	816.377	817.429	819.533	821.637	823.741	825.845	827.949	830.053	832.157	834.261
<b>45.0</b>	762.723	764.827	765.879	767.983	769.035	771.139	772.191	774.296	775.348	777.452
<b>47.5</b>	708.018	709.070	711.174	712.226	714.330	715.382	717.486	718.538	720.642	721.694
<b>50.0</b>	653.312	654.364	656.468	657.520	658.572	660.676	661.728	662.780	664.884	665.936
<b>52.5</b>	601.762	602.814	604.918	605.970	607.022	608.074	610.179	611.231	612.283	614.387
<b>55.0</b>	550.213	551.265	552.317	554.421	555.473	556.525	557.577	559.681	560.733	561.785
<b>57.5</b>	500.767	500.767	501.819	502.871	503.923	504.975	506.027	506.027	507.079	508.131
<b>60.0</b>	450.270	450.270	451.322	451.322	452.374	452.374	453.426	453.426	454.478	454.478
<b>62.5</b>	399.772	399.772	400.824	401.876	402.928	402.928	403.980	405.032	406.084	407.136
<b>65.0</b>	348.223	349.275	350.327	351.379	352.431	354.535	355.587	356.639	357.691	358.743
<b>67.5</b>	305.089	305.089	306.141	307.193	308.245	309.297	310.349	311.401	312.454	313.506
<b>70.0</b>	260.904	261.956	263.008	263.008	264.060	265.112	266.164	266.164	267.216	268.268
<b>72.5</b>	218.823	219.875	220.927	221.979	221.979	223.031	224.083	225.135	226.187	227.239
<b>75.0</b>	176.741	177.793	178.845	179.897	180.950	180.950	182.002	183.054	184.106	185.158
<b>77.5</b>	139.920	140.972	142.024	143.076	144.128	145.180	146.232	147.284	148.337	149.389
<b>80.0</b>	102.047	103.099	104.151	106.255	107.307	108.359	109.411	111.515	112.567	113.619
<b>82.5</b>	72.590	73.642	74.694	75.746	76.798	77.850	79.954	81.006	82.058	83.111
<b>85.0</b>	42.081	43.133	44.185	45.237	46.289	48.393	49.446	50.498	51.550	52.602
<b>87.5</b>	26.301	27.353	28.405	29.457	30.509	31.561	32.613	33.665	34.717	35.769
<b>90.0</b>	9.468	10.520	11.572	12.624	13.676	14.728	15.780	16.833	17.885	18.937
<b>92.5</b>	5.260	6.312	7.364	8.416	9.468	10.520	11.572	12.624	13.676	14.728
<b>95.0</b>	1.052	2.104	3.156	4.208	5.260	5.260	6.312	7.364	8.416	9.468
<b>97.5</b>	1.052	1.052	2.104	3.156	4.208	5.260	6.312	7.364	8.416	9.468
<b>100.0</b>	0.000	1.052	2.104	3.156	4.208	4.208	5.260	6.312	7.364	8.416
<b>102.5</b>	0.000	1.052	2.104	3.156	3.156	4.208	5.260	6.312	7.364	8.416
<b>105.0</b>	0.000	1.052	2.104	2.104	3.156	4.208	5.260	5.260	6.312	7.364
<b>107.5</b>	0.000	1.052	2.104	3.156	3.156	4.208	5.260	6.312	7.364	8.416
<b>110.0</b>	0.000	1.052	2.104	3.156	4.208	4.208	5.260	6.312	7.364	8.416
<b>112.5</b>	0.000	0.000	1.052	1.052	2.104	2.104	3.156	3.156	4.208	4.208
<b>115.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>117.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>120.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>122.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>125.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>127.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>130.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>132.5</b>	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	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850
2.5	1371.850	1370.798	1370.798	1369.746	1368.694	1368.694	1367.642	1367.642	1366.590	1366.590
5.0	1371.850	1370.798	1368.694	1367.642	1366.590	1365.538	1363.433	1362.381	1361.329	1360.277
7.5	1359.225	1358.173	1356.069	1355.017	1352.913	1351.861	1349.757	1348.705	1346.601	1345.549
10.0	1346.601	1344.497	1343.445	1341.341	1339.237	1337.133	1336.081	1333.977	1331.873	1331.873
12.5	1326.612	1325.560	1323.456	1321.352	1319.248	1318.196	1316.092	1313.988	1312.936	1310.832
15.0	1306.624	1305.572	1303.468	1301.364	1300.312	1298.207	1296.103	1295.051	1292.947	1290.843
17.5	1279.271	1277.167	1275.063	1272.959	1270.855	1268.751	1266.647	1264.542	1262.438	1260.334
20.0	1252.970	1249.814	1247.710	1244.554	1242.450	1239.294	1237.190	1234.034	1231.929	1229.825
22.5	1218.253	1215.097	1212.993	1209.837	1207.733	1204.577	1202.473	1199.316	1197.212	1195.108
25.0	1183.536	1181.432	1178.276	1175.120	1173.016	1169.860	1166.703	1164.599	1161.443	1159.339
27.5	1139.351	1136.195	1134.090	1130.934	1127.778	1124.622	1122.518	1119.362	1116.206	1114.102
30.0	1095.165	1092.009	1088.853	1085.697	1083.593	1080.437	1077.281	1074.125	1070.969	1067.812
32.5	1043.616	1040.460	1037.304	1034.147	1030.991	1027.835	1024.679	1021.523	1018.367	1016.263
35.0	992.066	988.910	985.754	982.598	978.390	975.234	972.078	968.921	965.765	963.661
37.5	939.465	935.256	932.100	927.892	924.736	920.528	917.372	913.164	910.008	907.904
40.0	885.811	881.603	877.395	873.187	870.030	865.822	861.614	857.406	853.198	853.198
42.5	830.053	825.845	821.637	817.429	814.273	810.065	805.857	801.648	798.492	797.440
45.0	773.244	770.087	765.879	761.671	758.515	754.307	750.099	746.943	742.735	742.735
47.5	718.538	715.382	711.174	708.018	704.861	701.705	697.497	694.341	691.185	690.133
50.0	662.780	659.624	657.520	654.364	651.208	648.052	645.948	642.792	639.635	638.583
52.5	611.231	608.074	605.970	602.814	600.710	597.554	595.450	592.294	590.190	589.138
55.0	559.681	556.525	554.421	552.317	549.161	547.057	544.953	541.796	539.692	539.692
57.5	506.027	503.923	501.819	499.715	497.611	495.507	493.403	491.299	490.247	490.247
60.0	452.374	451.322	449.218	448.166	446.062	445.010	442.905	441.853	439.749	439.749
62.5	405.032	403.980	401.876	400.824	398.720	397.668	395.564	394.512	392.408	393.460
65.0	357.691	355.587	354.535	352.431	351.379	349.275	348.223	346.119	345.066	346.119
67.5	312.454	311.401	310.349	309.297	308.245	307.193	306.141	305.089	304.037	305.089
70.0	267.216	267.216	266.164	265.112	265.112	264.060	263.008	263.008	261.956	263.008
72.5	226.187	226.187	226.187	226.187	226.187	226.187	225.135	225.135	225.135	227.239
75.0	185.158	186.210	186.210	186.210	187.262	187.262	187.262	188.314	188.314	190.418
77.5	150.441	151.493	152.545	152.545	153.597	154.649	155.701	156.753	157.805	158.857
80.0	114.671	116.776	117.828	118.880	120.984	122.036	123.088	125.192	126.244	128.348

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**CANDELA TABULATION - (Cont.)**

82.5	85.215	86.267	88.371	90.475	91.527	93.631	95.735	96.787	98.891	100.995
85.0	54.706	56.810	58.914	61.018	63.122	65.226	67.330	69.434	71.538	73.642
87.5	37.873	39.977	42.081	44.185	46.289	48.393	50.498	52.602	55.758	57.862
90.0	21.041	23.145	25.249	27.353	30.509	32.613	34.717	36.821	38.925	41.029
92.5	16.833	18.937	21.041	23.145	25.249	27.353	29.457	31.561	33.665	34.717
95.0	11.572	13.676	15.780	17.885	18.937	21.041	23.145	25.249	27.353	29.457
97.5	10.520	12.624	14.728	15.780	17.885	19.989	22.093	23.145	25.249	27.353
100.0	10.520	11.572	13.676	14.728	16.833	17.885	19.989	21.041	23.145	25.249
102.5	9.468	11.572	12.624	14.728	15.780	17.885	18.937	21.041	22.093	24.197
105.0	8.416	10.520	11.572	13.676	14.728	16.833	17.885	19.989	21.041	22.093
107.5	9.468	10.520	12.624	13.676	14.728	16.833	17.885	18.937	21.041	22.093
110.0	9.468	10.520	12.624	13.676	14.728	15.780	17.885	18.937	19.989	21.041
112.5	5.260	7.364	8.416	9.468	11.572	12.624	13.676	15.780	16.833	17.885
115.0	1.052	3.156	4.208	6.312	7.364	9.468	10.520	12.624	13.676	14.728
117.5	1.052	3.156	4.208	5.260	7.364	8.416	9.468	11.572	12.624	13.676
120.0	1.052	2.104	4.208	5.260	6.312	7.364	9.468	10.520	11.572	12.624
122.5	1.052	2.104	3.156	4.208	5.260	6.312	7.364	8.416	10.520	11.572
125.0	1.052	2.104	3.156	4.208	4.208	5.260	6.312	7.364	8.416	9.468
127.5	1.052	2.104	2.104	3.156	4.208	5.260	5.260	6.312	7.364	8.416
130.0	1.052	1.052	2.104	3.156	3.156	4.208	5.260	5.260	6.312	7.364
132.5	0.000	1.052	1.052	1.052	2.104	2.104	2.104	3.156	3.156	4.208
135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.052
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. 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	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850
2.5	1365.538	1365.538	1364.485	1364.485	1364.485	1363.433	1363.433	1363.433	1363.433	1363.433
5.0	1359.225	1359.225	1358.173	1357.121	1356.069	1356.069	1355.017	1353.965	1353.965	1353.965
7.5	1345.549	1344.497	1344.497	1343.445	1342.393	1342.393	1341.341	1341.341	1340.289	1340.289
10.0	1330.820	1330.820	1329.768	1329.768	1328.716	1328.716	1327.664	1327.664	1327.664	1326.612
12.5	1309.780	1308.728	1307.676	1306.624	1305.572	1304.520	1303.468	1302.416	1301.364	1301.364
15.0	1289.791	1287.687	1285.583	1284.531	1282.427	1280.323	1279.271	1277.167	1276.115	1276.115
17.5	1259.282	1257.178	1256.126	1254.022	1251.918	1250.866	1248.762	1247.710	1246.658	1245.606
20.0	1228.773	1226.669	1225.617	1223.513	1222.461	1220.357	1219.305	1217.201	1216.149	1216.149
22.5	1193.004	1190.900	1188.796	1187.744	1185.640	1183.536	1181.432	1180.380	1179.328	1178.276
25.0	1157.235	1155.131	1153.027	1150.923	1148.819	1146.715	1144.611	1142.507	1142.507	1141.455
27.5	1110.946	1108.842	1106.738	1103.582	1101.477	1099.373	1096.217	1094.113	1094.113	1093.061

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : AX2WD-4-L33-840-S-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

30.0	1065.708	1062.552	1059.396	1057.292	1054.136	1050.980	1048.876	1045.720	1045.720	1045.720
32.5	1013.107	1011.003	1007.847	1005.743	1002.586	1000.482	997.326	995.222	994.170	993.118
35.0	960.505	958.401	956.297	953.141	951.037	948.933	945.777	943.673	942.621	941.569
37.5	906.852	905.800	903.695	902.643	901.591	899.487	898.435	897.383	895.279	893.175
40.0	852.146	852.146	852.146	851.094	851.094	851.094	850.042	850.042	847.938	845.834
42.5	797.440	797.440	796.388	796.388	796.388	796.388	795.336	795.336	793.232	791.128
45.0	742.735	741.683	741.683	741.683	741.683	740.631	740.631	740.631	738.526	736.422
47.5	690.133	689.081	689.081	688.029	686.977	686.977	685.925	685.925	683.821	681.717
50.0	637.531	636.479	635.427	634.375	633.323	632.271	631.219	630.167	629.115	627.011
52.5	588.086	588.086	587.034	585.982	585.982	584.930	584.930	583.878	581.774	579.670
55.0	539.692	538.640	538.640	538.640	538.640	537.588	537.588	537.588	535.484	533.380
57.5	490.247	490.247	490.247	490.247	490.247	490.247	490.247	491.299	489.195	487.091
60.0	440.801	440.801	441.853	441.853	442.905	442.905	443.958	443.958	442.905	440.801
62.5	393.460	394.512	395.564	396.616	396.616	397.668	398.720	399.772	398.720	397.668
65.0	347.171	348.223	349.275	350.327	351.379	352.431	353.483	354.535	354.535	353.483
67.5	306.141	307.193	308.245	310.349	311.401	312.454	313.506	315.610	315.610	315.610
70.0	265.112	266.164	268.268	269.320	271.424	272.476	274.580	275.632	276.684	277.736
72.5	228.291	230.395	232.499	234.603	235.655	237.759	239.863	241.967	241.967	243.019
75.0	192.522	194.626	196.730	198.834	200.938	203.042	205.146	207.250	208.302	209.354
77.5	160.961	163.065	165.169	167.273	169.377	171.481	173.585	175.689	176.741	177.793
80.0	130.452	132.556	134.660	135.712	137.816	139.920	142.024	144.128	145.180	146.232
82.5	103.099	105.203	107.307	109.411	111.515	113.619	115.724	117.828	118.880	119.932
85.0	75.746	77.850	79.954	83.111	85.215	87.319	89.423	91.527	92.579	93.631
87.5	59.966	62.070	64.174	66.278	68.382	70.486	72.590	75.746	75.746	76.798
90.0	43.133	45.237	47.341	50.498	52.602	54.706	56.810	58.914	59.966	61.018
92.5	36.821	38.925	41.029	43.133	45.237	47.341	49.446	51.550	51.550	52.602
95.0	30.509	32.613	34.717	35.769	37.873	39.977	41.029	43.133	44.185	44.185
97.5	28.405	30.509	32.613	33.665	35.769	37.873	38.925	41.029	42.081	42.081
100.0	26.301	28.405	30.509	31.561	33.665	35.769	36.821	38.925	39.977	41.029
102.5	25.249	27.353	28.405	30.509	31.561	33.665	34.717	36.821	36.821	37.873
105.0	24.197	25.249	26.301	28.405	29.457	30.509	32.613	33.665	34.717	35.769
107.5	23.145	24.197	26.301	27.353	28.405	29.457	31.561	32.613	33.665	33.665
110.0	22.093	24.197	25.249	26.301	27.353	29.457	30.509	31.561	32.613	32.613
112.5	18.937	21.041	22.093	23.145	24.197	26.301	27.353	28.405	29.457	29.457
115.0	15.780	17.885	18.937	19.989	21.041	23.145	24.197	25.249	25.249	26.301
117.5	14.728	15.780	16.833	17.885	18.937	19.989	21.041	23.145	23.145	24.197
120.0	13.676	14.728	15.780	15.780	16.833	17.885	18.937	19.989	21.041	21.041
122.5	12.624	13.676	14.728	15.780	16.833	17.885	18.937	19.989	19.989	19.989
125.0	10.520	11.572	12.624	14.728	15.780	16.833	17.885	18.937	18.937	18.937
127.5	9.468	10.520	11.572	11.572	12.624	13.676	14.728	15.780	15.780	16.833
130.0	7.364	8.416	9.468	9.468	10.520	11.572	11.572	12.624	12.624	13.676
132.5	4.208	5.260	6.312	6.312	7.364	8.416	8.416	9.468	10.520	10.520
135.0	1.052	2.104	3.156	3.156	4.208	5.260	5.260	6.312	7.364	7.364
137.5	1.052	1.052	1.052	2.104	2.104	2.104	3.156	3.156	4.208	4.208
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.052	2.104
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.052
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**  
**PHOTOMETRIC FILENAME : AX2WD-4-L33-840-S-DIM-UNV\_.IES**

**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	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850
2.5	1363.433	1363.433	1363.433	1363.433	1363.433	1363.433	1363.433	1363.433	1363.433	1363.433
5.0	1353.965	1353.965	1355.017	1355.017	1355.017	1355.017	1355.017	1355.017	1355.017	1355.017
7.5	1340.289	1340.289	1340.289	1340.289	1339.237	1339.237	1339.237	1339.237	1339.237	1340.289
10.0	1326.612	1325.560	1325.560	1324.508	1324.508	1323.456	1323.456	1323.456	1324.508	1324.508
12.5	1300.312	1300.312	1299.260	1299.260	1298.207	1298.207	1297.155	1298.207	1298.207	1299.260
15.0	1275.063	1274.011	1274.011	1272.959	1271.907	1271.907	1270.855	1271.907	1271.907	1272.959
17.5	1245.606	1244.554	1243.502	1243.502	1242.450	1241.398	1241.398	1241.398	1242.450	1243.502
20.0	1215.097	1214.045	1214.045	1212.993	1211.941	1211.941	1210.889	1211.941	1211.941	1212.993
22.5	1178.276	1177.224	1177.224	1176.172	1176.172	1175.120	1175.120	1175.120	1176.172	1176.172
25.0	1141.455	1140.403	1140.403	1139.351	1139.351	1138.299	1138.299	1138.299	1139.351	1139.351
27.5	1093.061	1093.061	1093.061	1092.009	1092.009	1092.009	1092.009	1092.009	1092.009	1092.009
30.0	1045.720	1045.720	1044.668	1044.668	1044.668	1044.668	1044.668	1044.668	1044.668	1044.668
32.5	993.118	992.066	991.014	991.014	989.962	989.962	988.910	989.962	989.962	991.014
35.0	940.517	939.465	937.361	936.308	935.256	934.204	933.152	934.204	935.256	936.308
37.5	892.123	890.019	888.967	886.863	885.811	883.707	882.655	883.707	885.811	886.863
40.0	843.730	841.626	839.522	837.417	835.313	833.209	831.105	833.209	835.313	837.417
42.5	789.024	786.920	784.816	782.712	780.608	778.504	776.400	778.504	780.608	782.712
45.0	734.318	732.214	730.110	728.006	725.902	723.798	721.694	723.798	725.902	728.006
47.5	679.613	678.561	676.457	674.353	672.248	671.196	669.092	671.196	672.248	674.353
50.0	625.959	623.855	622.803	620.699	619.647	617.543	616.491	617.543	619.647	620.699
52.5	578.618	576.514	574.409	572.305	571.253	569.149	567.045	569.149	571.253	572.305
55.0	531.276	529.172	526.016	523.912	521.808	519.704	517.600	519.704	521.808	523.912
57.5	484.987	482.883	481.831	479.727	477.623	475.518	474.466	475.518	477.623	479.727
60.0	439.749	437.645	436.593	434.489	433.437	431.333	430.281	431.333	433.437	434.489
62.5	396.616	395.564	394.512	393.460	392.408	391.356	391.356	391.356	392.408	393.460
65.0	353.483	353.483	352.431	352.431	352.431	351.379	351.379	351.379	352.431	352.431
67.5	315.610	316.662	316.662	316.662	316.662	317.714	317.714	317.714	316.662	316.662
70.0	278.788	279.841	279.841	280.893	281.945	282.997	284.049	282.997	281.945	280.893
72.5	244.071	245.123	246.175	247.228	248.280	249.332	250.384	249.332	248.280	247.228
75.0	210.406	211.458	211.458	212.510	213.562	214.615	215.667	214.615	213.562	212.510
77.5	178.845	179.897	180.950	182.002	183.054	184.106	186.210	184.106	183.054	182.002
80.0	148.337	149.389	150.441	151.493	153.597	154.649	155.701	154.649	153.597	151.493
82.5	122.036	123.088	124.140	125.192	126.244	127.296	129.400	127.296	126.244	125.192
85.0	94.683	95.735	97.839	98.891	99.943	100.995	102.047	100.995	99.943	98.891
87.5	77.850	78.902	79.954	81.006	82.058	83.111	84.163	83.111	82.058	81.006
90.0	61.018	62.070	63.122	64.174	64.174	65.226	66.278	65.226	64.174	64.174
92.5	53.654	53.654	54.706	55.758	56.810	56.810	57.862	56.810	56.810	55.758
95.0	45.237	46.289	46.289	47.341	48.393	48.393	49.446	48.393	48.393	47.341
97.5	43.133	44.185	45.237	45.237	46.289	47.341	48.393	47.341	46.289	45.237
100.0	41.029	42.081	43.133	44.185	44.185	45.237	46.289	45.237	44.185	44.185
102.5	38.925	39.977	41.029	42.081	42.081	43.133	44.185	43.133	42.081	42.081
105.0	36.821	37.873	37.873	38.925	39.977	41.029	42.081	41.029	39.977	38.925
107.5	34.717	35.769	36.821	36.821	37.873	38.925	39.977	38.925	37.873	36.821
110.0	33.665	33.665	34.717	34.717	35.769	35.769	36.821	35.769	35.769	34.717
112.5	30.509	30.509	31.561	31.561	32.613	32.613	33.665	32.613	32.613	31.561
115.0	26.301	27.353	27.353	28.405	28.405	29.457	29.457	29.457	28.405	28.405

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : AX2WD-4-L33-840-S-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

117.5	24.197	25.249	25.249	26.301	26.301	27.353	27.353	27.353	26.301	26.301
120.0	22.093	22.093	23.145	23.145	24.197	24.197	25.249	24.197	24.197	23.145
122.5	21.041	21.041	21.041	22.093	22.093	22.093	23.145	22.093	22.093	22.093
125.0	18.937	18.937	19.989	19.989	19.989	19.989	19.989	19.989	19.989	19.989
127.5	16.833	16.833	16.833	17.885	17.885	17.885	18.937	17.885	17.885	17.885
130.0	13.676	14.728	14.728	15.780	15.780	16.833	16.833	16.833	15.780	15.780
132.5	11.572	11.572	12.624	12.624	13.676	13.676	14.728	13.676	13.676	12.624
135.0	8.416	8.416	9.468	9.468	10.520	10.520	11.572	10.520	10.520	9.468
137.5	5.260	6.312	7.364	7.364	8.416	9.468	10.520	9.468	8.416	7.364
140.0	3.156	4.208	4.208	5.260	6.312	7.364	8.416	7.364	6.312	5.260
142.5	1.052	2.104	2.104	3.156	3.156	4.208	4.208	4.208	3.156	3.156
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	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850
2.5	1363.433	1363.433	1363.433	1363.433	1363.433	1363.433	1363.433	1363.433	1364.485	1364.485
5.0	1355.017	1353.965	1353.965	1353.965	1353.965	1353.965	1355.017	1356.069	1356.069	1357.121
7.5	1340.289	1340.289	1340.289	1340.289	1340.289	1341.341	1341.341	1342.393	1342.393	1343.445
10.0	1325.560	1325.560	1326.612	1326.612	1327.664	1327.664	1327.664	1328.716	1328.716	1329.768
12.5	1299.260	1300.312	1300.312	1301.364	1301.364	1302.416	1303.468	1304.520	1305.572	1306.624
15.0	1274.011	1274.011	1275.063	1276.115	1276.115	1277.167	1279.271	1280.323	1282.427	1284.531
17.5	1243.502	1244.554	1245.606	1245.606	1246.658	1247.710	1248.762	1250.866	1251.918	1254.022
20.0	1214.045	1214.045	1215.097	1216.149	1216.149	1217.201	1219.305	1220.357	1222.461	1223.513
22.5	1177.224	1177.224	1178.276	1178.276	1179.328	1180.380	1181.432	1183.536	1185.640	1187.744
25.0	1140.403	1140.403	1141.455	1141.455	1142.507	1142.507	1144.611	1146.715	1148.819	1150.923
27.5	1093.061	1093.061	1093.061	1093.061	1094.113	1094.113	1096.217	1099.373	1101.477	1103.582
30.0	1044.668	1045.720	1045.720	1045.720	1045.720	1045.720	1048.876	1050.980	1054.136	1057.292
32.5	991.014	992.066	993.118	993.118	994.170	995.222	997.326	1000.482	1002.586	1005.743
35.0	937.361	939.465	940.517	941.569	942.621	943.673	945.777	948.933	951.037	953.141
37.5	888.967	890.019	892.123	893.175	895.279	897.383	898.435	899.487	901.591	902.643
40.0	839.522	841.626	843.730	845.834	847.938	850.042	850.042	851.094	851.094	851.094
42.5	784.816	786.920	789.024	791.128	793.232	795.336	795.336	796.388	796.388	796.388
45.0	730.110	732.214	734.318	736.422	738.526	740.631	740.631	740.631	741.683	741.683
47.5	676.457	678.561	679.613	681.717	683.821	685.925	685.925	686.977	686.977	688.029
50.0	622.803	623.855	625.959	627.011	629.115	630.167	631.219	632.271	633.323	634.375
52.5	574.409	576.514	578.618	579.670	581.774	583.878	584.930	584.930	585.982	585.982
55.0	526.016	529.172	531.276	533.380	535.484	537.588	537.588	537.588	538.640	538.640
57.5	481.831	482.883	484.987	487.091	489.195	491.299	490.247	490.247	490.247	490.247
60.0	436.593	437.645	439.749	440.801	442.905	443.958	443.958	442.905	442.905	441.853
62.5	394.512	395.564	396.616	397.668	398.720	399.772	398.720	397.668	396.616	396.616

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : AX2WD-4-L33-840-S-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

65.0	352.431	353.483	353.483	353.483	354.535	354.535	353.483	352.431	351.379	350.327
67.5	316.662	316.662	315.610	315.610	315.610	315.610	313.506	312.454	311.401	310.349
70.0	279.841	279.841	278.788	277.736	276.684	275.632	274.580	272.476	271.424	269.320
72.5	246.175	245.123	244.071	243.019	241.967	241.967	239.863	237.759	235.655	234.603
75.0	211.458	211.458	210.406	209.354	208.302	207.250	205.146	203.042	200.938	198.834
77.5	180.950	179.897	178.845	177.793	176.741	175.689	173.585	171.481	169.377	167.273
80.0	150.441	149.389	148.337	146.232	145.180	144.128	142.024	139.920	137.816	135.712
82.5	124.140	123.088	122.036	119.932	118.880	117.828	115.724	113.619	111.515	109.411
85.0	97.839	95.735	94.683	93.631	92.579	91.527	89.423	87.319	85.215	83.111
87.5	79.954	78.902	77.850	76.798	75.746	75.746	72.590	70.486	68.382	66.278
90.0	63.122	62.070	61.018	61.018	59.966	58.914	56.810	54.706	52.602	50.498
92.5	54.706	53.654	53.654	52.602	51.550	51.550	49.446	47.341	45.237	43.133
95.0	46.289	46.289	45.237	44.185	44.185	43.133	41.029	39.977	37.873	35.769
97.5	45.237	44.185	43.133	42.081	42.081	41.029	38.925	37.873	35.769	33.665
100.0	43.133	42.081	41.029	41.029	39.977	38.925	36.821	35.769	33.665	31.561
102.5	41.029	39.977	38.925	37.873	36.821	36.821	34.717	33.665	31.561	30.509
105.0	37.873	37.873	36.821	35.769	34.717	33.665	32.613	30.509	29.457	28.405
107.5	36.821	35.769	34.717	33.665	33.665	32.613	31.561	29.457	28.405	27.353
110.0	34.717	33.665	33.665	32.613	32.613	31.561	30.509	29.457	27.353	26.301
112.5	31.561	30.509	30.509	29.457	29.457	28.405	27.353	26.301	24.197	23.145
115.0	27.353	27.353	26.301	26.301	25.249	25.249	24.197	23.145	21.041	19.989
117.5	25.249	25.249	24.197	24.197	23.145	23.145	21.041	19.989	18.937	17.885
120.0	23.145	22.093	22.093	21.041	21.041	19.989	18.937	17.885	16.833	15.780
122.5	21.041	21.041	21.041	19.989	19.989	19.989	18.937	17.885	16.833	15.780
125.0	19.989	18.937	18.937	18.937	18.937	18.937	17.885	16.833	15.780	14.728
127.5	16.833	16.833	16.833	16.833	15.780	15.780	14.728	13.676	12.624	11.572
130.0	14.728	14.728	13.676	13.676	12.624	12.624	11.572	11.572	10.520	9.468
132.5	12.624	11.572	11.572	10.520	10.520	9.468	8.416	8.416	7.364	6.312
135.0	9.468	8.416	8.416	7.364	7.364	6.312	5.260	5.260	4.208	3.156
137.5	7.364	6.312	5.260	4.208	4.208	3.156	3.156	2.104	2.104	2.104
140.0	4.208	4.208	3.156	2.104	1.052	0.000	0.000	0.000	0.000	0.000
142.5	2.104	2.104	1.052	1.052	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	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850
2.5	1364.485	1365.538	1365.538	1366.590	1366.590	1367.642	1367.642	1368.694	1368.694	1369.746
5.0	1358.173	1359.225	1359.225	1360.277	1361.329	1362.381	1363.433	1365.538	1366.590	1367.642
7.5	1344.497	1344.497	1345.549	1345.549	1346.601	1348.705	1349.757	1351.861	1352.913	1355.017
10.0	1329.768	1330.820	1330.820	1331.873	1331.873	1333.977	1336.081	1337.133	1339.237	1341.341



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : AX2WD-4-L33-840-S-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

12.5	1307.676	1308.728	1309.780	1310.832	1312.936	1313.988	1316.092	1318.196	1319.248	1321.352
15.0	1285.583	1287.687	1289.791	1290.843	1292.947	1295.051	1296.103	1298.207	1300.312	1301.364
17.5	1256.126	1257.178	1259.282	1260.334	1262.438	1264.542	1266.647	1268.751	1270.855	1272.959
20.0	1225.617	1226.669	1228.773	1229.825	1231.929	1234.034	1237.190	1239.294	1242.450	1244.554
22.5	1188.796	1190.900	1193.004	1195.108	1197.212	1199.316	1202.473	1204.577	1207.733	1209.837
25.0	1153.027	1155.131	1157.235	1159.339	1161.443	1164.599	1166.703	1169.860	1173.016	1175.120
27.5	1106.738	1108.842	1110.946	1114.102	1116.206	1119.362	1122.518	1124.622	1127.778	1130.934
30.0	1059.396	1062.552	1065.708	1067.812	1070.969	1074.125	1077.281	1080.437	1083.593	1085.697
32.5	1007.847	1011.003	1013.107	1016.263	1018.367	1021.523	1024.679	1027.835	1030.991	1034.147
35.0	956.297	958.401	960.505	963.661	965.765	968.921	972.078	975.234	978.390	982.598
37.5	903.695	905.800	906.852	907.904	910.008	913.164	917.372	920.528	924.736	927.892
40.0	852.146	852.146	852.146	853.198	853.198	857.406	861.614	865.822	870.030	873.187
42.5	796.388	797.440	797.440	797.440	798.492	801.648	805.857	810.065	814.273	817.429
45.0	741.683	741.683	742.735	742.735	742.735	746.943	750.099	754.307	758.515	761.671
47.5	689.081	689.081	690.133	690.133	691.185	694.341	697.497	701.705	704.861	708.018
50.0	635.427	636.479	637.531	638.583	639.635	642.792	645.948	648.052	651.208	654.364
52.5	587.034	588.086	588.086	589.138	590.190	592.294	595.450	597.554	600.710	602.814
55.0	538.640	538.640	539.692	539.692	539.692	541.796	544.953	547.057	549.161	552.317
57.5	490.247	490.247	490.247	490.247	490.247	491.299	493.403	495.507	497.611	499.715
60.0	441.853	440.801	440.801	439.749	439.749	441.853	442.905	445.010	446.062	448.166
62.5	395.564	394.512	393.460	393.460	392.408	394.512	395.564	397.668	398.720	400.824
65.0	349.275	348.223	347.171	346.119	345.066	346.119	348.223	349.275	351.379	352.431
67.5	308.245	307.193	306.141	305.089	304.037	305.089	306.141	307.193	308.245	309.297
70.0	268.268	266.164	265.112	263.008	261.956	263.008	263.008	264.060	265.112	265.112
72.5	232.499	230.395	228.291	227.239	225.135	225.135	225.135	226.187	226.187	226.187
75.0	196.730	194.626	192.522	190.418	188.314	188.314	187.262	187.262	187.262	186.210
77.5	165.169	163.065	160.961	158.857	157.805	156.753	155.701	154.649	153.597	152.545
80.0	134.660	132.556	130.452	128.348	126.244	125.192	123.088	122.036	120.984	118.880
82.5	107.307	105.203	103.099	100.995	98.891	96.787	95.735	93.631	91.527	90.475
85.0	79.954	77.850	75.746	73.642	71.538	69.434	67.330	65.226	63.122	61.018
87.5	64.174	62.070	59.966	57.862	55.758	52.602	50.498	48.393	46.289	44.185
90.0	47.341	45.237	43.133	41.029	38.925	36.821	34.717	32.613	30.509	27.353
92.5	41.029	38.925	36.821	34.717	33.665	31.561	29.457	27.353	25.249	23.145
95.0	34.717	32.613	30.509	29.457	27.353	25.249	23.145	21.041	18.937	17.885
97.5	32.613	30.509	28.405	27.353	25.249	23.145	22.093	19.989	17.885	15.780
100.0	30.509	28.405	26.301	25.249	23.145	21.041	19.989	17.885	16.833	14.728
102.5	28.405	27.353	25.249	24.197	22.093	21.041	18.937	17.885	15.780	14.728
105.0	26.301	25.249	24.197	22.093	21.041	19.989	17.885	16.833	14.728	13.676
107.5	26.301	24.197	23.145	22.093	21.041	18.937	17.885	16.833	14.728	13.676
110.0	25.249	24.197	22.093	21.041	19.989	18.937	17.885	15.780	14.728	13.676
112.5	22.093	21.041	18.937	17.885	16.833	15.780	13.676	12.624	11.572	9.468
115.0	18.937	17.885	15.780	14.728	13.676	12.624	10.520	9.468	7.364	6.312
117.5	16.833	15.780	14.728	13.676	12.624	11.572	9.468	8.416	7.364	5.260
120.0	15.780	14.728	13.676	12.624	11.572	10.520	9.468	7.364	6.312	5.260
122.5	14.728	13.676	12.624	11.572	10.520	8.416	7.364	6.312	5.260	4.208
125.0	12.624	11.572	10.520	9.468	8.416	7.364	6.312	5.260	4.208	4.208
127.5	11.572	10.520	9.468	8.416	7.364	6.312	5.260	5.260	4.208	3.156
130.0	9.468	8.416	7.364	7.364	6.312	5.260	5.260	4.208	3.156	3.156
132.5	6.312	5.260	4.208	4.208	3.156	3.156	2.104	2.104	2.104	1.052
135.0	3.156	2.104	1.052	1.052	0.000	0.000	0.000	0.000	0.000	0.000
137.5	1.052	1.052	1.052	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

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : AX2WD-4-L33-840-S-DIM-UNV\_.IES**

**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	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850
2.5	1370.798	1370.798	1371.850	1372.902	1371.850	1370.798	1370.798	1369.746	1368.694	1368.694
5.0	1368.694	1370.798	1371.850	1372.902	1371.850	1369.746	1368.694	1367.642	1365.538	1364.485
7.5	1356.069	1358.173	1359.225	1361.329	1359.225	1358.173	1357.121	1356.069	1353.965	1352.913
10.0	1343.445	1344.497	1346.601	1348.705	1347.653	1346.601	1345.549	1344.497	1342.393	1341.341
12.5	1323.456	1325.560	1326.612	1328.716	1327.664	1326.612	1325.560	1324.508	1323.456	1322.404
15.0	1303.468	1305.572	1306.624	1308.728	1307.676	1306.624	1306.624	1305.572	1304.520	1303.468
17.5	1275.063	1277.167	1279.271	1282.427	1281.375	1281.375	1280.323	1280.323	1279.271	1279.271
20.0	1247.710	1249.814	1252.970	1255.074	1255.074	1255.074	1254.022	1254.022	1254.022	1254.022
22.5	1212.993	1215.097	1218.253	1221.409	1220.357	1220.357	1219.305	1219.305	1219.305	1218.253
25.0	1178.276	1181.432	1183.536	1186.692	1185.640	1185.640	1184.588	1184.588	1183.536	1183.536
27.5	1134.090	1136.195	1139.351	1142.507	1140.403	1138.299	1137.247	1135.143	1133.038	1130.934
30.0	1088.853	1092.009	1095.165	1098.321	1095.165	1092.009	1088.853	1085.697	1081.489	1078.333
32.5	1037.304	1040.460	1043.616	1046.772	1043.616	1041.512	1038.356	1036.252	1033.095	1029.939
35.0	985.754	988.910	992.066	995.222	993.118	991.014	988.910	986.806	983.650	981.546
37.5	932.100	935.256	939.465	942.621	940.517	938.413	936.308	933.152	931.048	928.944
40.0	877.395	881.603	885.811	890.019	887.915	885.811	882.655	880.551	878.447	876.343
42.5	821.637	825.845	830.053	834.261	832.157	830.053	827.949	825.845	823.741	821.637
45.0	765.879	770.087	773.244	777.452	775.348	774.296	772.191	771.139	769.035	767.983
47.5	711.174	715.382	718.538	721.694	720.642	718.538	717.486	715.382	714.330	712.226
50.0	657.520	659.624	662.780	665.936	664.884	662.780	661.728	660.676	658.572	657.520
52.5	605.970	608.074	611.231	614.387	612.283	611.231	610.179	608.074	607.022	605.970
55.0	554.421	556.525	559.681	561.785	560.733	559.681	557.577	556.525	555.473	554.421
57.5	501.819	503.923	506.027	508.131	507.079	506.027	506.027	504.975	503.923	502.871
60.0	449.218	451.322	452.374	454.478	454.478	453.426	453.426	452.374	452.374	451.322
62.5	401.876	403.980	405.032	407.136	406.084	405.032	403.980	402.928	402.928	401.876
65.0	354.535	355.587	357.691	358.743	357.691	356.639	355.587	354.535	352.431	351.379
67.5	310.349	311.401	312.454	313.506	312.454	311.401	310.349	309.297	308.245	307.193
70.0	266.164	267.216	267.216	268.268	267.216	266.164	266.164	265.112	264.060	263.008
72.5	226.187	226.187	226.187	227.239	226.187	225.135	224.083	223.031	221.979	221.979
75.0	186.210	186.210	185.158	185.158	184.106	183.054	182.002	180.950	180.950	179.897
77.5	152.545	151.493	150.441	149.389	148.337	147.284	146.232	145.180	144.128	143.076
80.0	117.828	116.776	114.671	113.619	112.567	111.515	109.411	108.359	107.307	106.255
82.5	88.371	86.267	85.215	83.111	82.058	81.006	79.954	77.850	76.798	75.746
85.0	58.914	56.810	54.706	52.602	51.550	50.498	49.446	48.393	46.289	45.237
87.5	42.081	39.977	37.873	35.769	34.717	33.665	32.613	31.561	30.509	29.457
90.0	25.249	23.145	21.041	18.937	17.885	16.833	15.780	14.728	13.676	12.624
92.5	21.041	18.937	16.833	14.728	13.676	12.624	11.572	10.520	9.468	8.416
95.0	15.780	13.676	11.572	9.468	8.416	7.364	6.312	5.260	5.260	4.208
97.5	14.728	12.624	10.520	9.468	8.416	7.364	6.312	5.260	4.208	3.156

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : AX2WD-4-L33-840-S-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

100.0	13.676	11.572	10.520	8.416	7.364	6.312	5.260	4.208	4.208	3.156
102.5	12.624	11.572	9.468	8.416	7.364	6.312	5.260	4.208	3.156	3.156
105.0	11.572	10.520	8.416	7.364	6.312	5.260	5.260	4.208	3.156	2.104
107.5	12.624	10.520	9.468	8.416	7.364	6.312	5.260	4.208	3.156	3.156
110.0	12.624	10.520	9.468	8.416	7.364	6.312	5.260	4.208	4.208	3.156
112.5	8.416	7.364	5.260	4.208	4.208	3.156	3.156	2.104	2.104	1.052
115.0	4.208	3.156	1.052	0.000	0.000	0.000	0.000	0.000	0.000	0.000
117.5	4.208	3.156	1.052	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120.0	4.208	2.104	1.052	0.000	0.000	0.000	0.000	0.000	0.000	0.000
122.5	3.156	2.104	1.052	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125.0	3.156	2.104	1.052	0.000	0.000	0.000	0.000	0.000	0.000	0.000
127.5	2.104	2.104	1.052	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130.0	2.104	1.052	1.052	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132.5	1.052	1.052	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	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850
2.5	1367.642	1366.590	1366.590	1366.590	1367.642	1368.694	1368.694	1369.746	1370.798	1370.798
5.0	1363.433	1361.329	1360.277	1361.329	1363.433	1364.485	1365.538	1367.642	1368.694	1369.746
7.5	1351.861	1350.809	1349.757	1350.809	1351.861	1352.913	1353.965	1356.069	1357.121	1358.173
10.0	1340.289	1339.237	1338.185	1339.237	1340.289	1341.341	1342.393	1344.497	1345.549	1346.601
12.5	1321.352	1320.300	1320.300	1320.300	1321.352	1322.404	1323.456	1324.508	1325.560	1326.612
15.0	1303.468	1302.416	1301.364	1302.416	1303.468	1303.468	1304.520	1305.572	1306.624	1306.624
17.5	1278.219	1278.219	1277.167	1278.219	1278.219	1279.271	1279.271	1280.323	1280.323	1281.375
20.0	1252.970	1252.970	1252.970	1252.970	1252.970	1254.022	1254.022	1254.022	1254.022	1255.074
22.5	1218.253	1217.201	1217.201	1217.201	1218.253	1218.253	1219.305	1219.305	1219.305	1220.357
25.0	1182.484	1182.484	1181.432	1182.484	1182.484	1183.536	1183.536	1184.588	1184.588	1185.640
27.5	1128.830	1126.726	1125.674	1126.726	1128.830	1130.934	1133.038	1135.143	1137.247	1138.299
30.0	1075.177	1072.021	1068.865	1072.021	1075.177	1078.333	1081.489	1085.697	1088.853	1092.009
32.5	1027.835	1024.679	1022.575	1024.679	1027.835	1029.939	1033.095	1036.252	1038.356	1041.512
35.0	979.442	977.338	975.234	977.338	979.442	981.546	983.650	986.806	988.910	991.014
37.5	926.840	924.736	922.632	924.736	926.840	928.944	931.048	933.152	936.308	938.413
40.0	873.187	871.082	868.978	871.082	873.187	876.343	878.447	880.551	882.655	885.811
42.5	819.533	817.429	816.377	817.429	819.533	821.637	823.741	825.845	827.949	830.053
45.0	765.879	764.827	762.723	764.827	765.879	767.983	769.035	771.139	772.191	774.296

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : AX2WD-4-L33-840-S-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

47.5	711.174	709.070	708.018	709.070	711.174	712.226	714.330	715.382	717.486	718.538
50.0	656.468	654.364	653.312	654.364	656.468	657.520	658.572	660.676	661.728	662.780
52.5	604.918	602.814	601.762	602.814	604.918	605.970	607.022	608.074	610.179	611.231
55.0	552.317	551.265	550.213	551.265	552.317	554.421	555.473	556.525	557.577	559.681
57.5	501.819	500.767	500.767	500.767	501.819	502.871	503.923	504.975	506.027	506.027
60.0	451.322	450.270	450.270	450.270	451.322	451.322	452.374	452.374	453.426	453.426
62.5	400.824	399.772	399.772	399.772	400.824	401.876	402.928	402.928	403.980	405.032
65.0	350.327	349.275	348.223	349.275	350.327	351.379	352.431	354.535	355.587	356.639
67.5	306.141	305.089	305.089	305.089	306.141	307.193	308.245	309.297	310.349	311.401
70.0	263.008	261.956	260.904	261.956	263.008	263.008	264.060	265.112	266.164	266.164
72.5	220.927	219.875	218.823	219.875	220.927	221.979	221.979	223.031	224.083	225.135
75.0	178.845	177.793	176.741	177.793	178.845	179.897	180.950	180.950	182.002	183.054
77.5	142.024	140.972	139.920	140.972	142.024	143.076	144.128	145.180	146.232	147.284
80.0	104.151	103.099	102.047	103.099	104.151	106.255	107.307	108.359	109.411	111.515
82.5	74.694	73.642	72.590	73.642	74.694	75.746	76.798	77.850	79.954	81.006
85.0	44.185	43.133	42.081	43.133	44.185	45.237	46.289	48.393	49.446	50.498
87.5	28.405	27.353	26.301	27.353	28.405	29.457	30.509	31.561	32.613	33.665
90.0	11.572	10.520	9.468	10.520	11.572	12.624	13.676	14.728	15.780	16.833
92.5	7.364	6.312	5.260	6.312	7.364	8.416	9.468	10.520	11.572	12.624
95.0	3.156	2.104	1.052	2.104	3.156	4.208	5.260	5.260	6.312	7.364
97.5	2.104	1.052	1.052	1.052	2.104	3.156	4.208	5.260	6.312	7.364
100.0	2.104	1.052	0.000	1.052	2.104	3.156	4.208	4.208	5.260	6.312
102.5	2.104	1.052	0.000	1.052	2.104	3.156	3.156	4.208	5.260	6.312
105.0	2.104	1.052	0.000	1.052	2.104	2.104	3.156	4.208	5.260	5.260
107.5	2.104	1.052	0.000	1.052	2.104	3.156	3.156	4.208	5.260	6.312
110.0	2.104	1.052	0.000	1.052	2.104	3.156	4.208	4.208	5.260	6.312
112.5	1.052	0.000	0.000	0.000	1.052	1.052	2.104	2.104	3.156	3.156
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**  
**PHOTOMETRIC FILENAME : AX2WD-4-L33-840-S-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<u><b>200.0</b></u>	<u><b>202.5</b></u>	<u><b>205.0</b></u>	<u><b>207.5</b></u>	<u><b>210.0</b></u>	<u><b>212.5</b></u>	<u><b>215.0</b></u>	<u><b>217.5</b></u>	<u><b>220.0</b></u>	<u><b>222.5</b></u>
<b>0.0</b>	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850
<b>2.5</b>	1371.850	1372.902	1371.850	1370.798	1370.798	1369.746	1368.694	1368.694	1367.642	1367.642
<b>5.0</b>	1371.850	1372.902	1371.850	1370.798	1368.694	1367.642	1366.590	1365.538	1363.433	1362.381
<b>7.5</b>	1359.225	1361.329	1359.225	1358.173	1356.069	1355.017	1352.913	1351.861	1349.757	1348.705
<b>10.0</b>	1347.653	1348.705	1346.601	1344.497	1343.445	1341.341	1339.237	1337.133	1336.081	1333.977
<b>12.5</b>	1327.664	1328.716	1326.612	1325.560	1323.456	1321.352	1319.248	1318.196	1316.092	1313.988
<b>15.0</b>	1307.676	1308.728	1306.624	1305.572	1303.468	1301.364	1300.312	1298.207	1296.103	1295.051
<b>17.5</b>	1281.375	1282.427	1279.271	1277.167	1275.063	1272.959	1270.855	1268.751	1266.647	1264.542
<b>20.0</b>	1255.074	1255.074	1252.970	1249.814	1247.710	1244.554	1242.450	1239.294	1237.190	1234.034
<b>22.5</b>	1220.357	1221.409	1218.253	1215.097	1212.993	1209.837	1207.733	1204.577	1202.473	1199.316
<b>25.0</b>	1185.640	1186.692	1183.536	1181.432	1178.276	1175.120	1173.016	1169.860	1166.703	1164.599
<b>27.5</b>	1140.403	1142.507	1139.351	1136.195	1134.090	1130.934	1127.778	1124.622	1122.518	1119.362
<b>30.0</b>	1095.165	1098.321	1095.165	1092.009	1088.853	1085.697	1083.593	1080.437	1077.281	1074.125
<b>32.5</b>	1043.616	1046.772	1043.616	1040.460	1037.304	1034.147	1030.991	1027.835	1024.679	1021.523
<b>35.0</b>	993.118	995.222	992.066	988.910	985.754	982.598	978.390	975.234	972.078	968.921
<b>37.5</b>	940.517	942.621	939.465	935.256	932.100	927.892	924.736	920.528	917.372	913.164
<b>40.0</b>	887.915	890.019	885.811	881.603	877.395	873.187	870.030	865.822	861.614	857.406
<b>42.5</b>	832.157	834.261	830.053	825.845	821.637	817.429	814.273	810.065	805.857	801.648
<b>45.0</b>	775.348	777.452	773.244	770.087	765.879	761.671	758.515	754.307	750.099	746.943
<b>47.5</b>	720.642	721.694	718.538	715.382	711.174	708.018	704.861	701.705	697.497	694.341
<b>50.0</b>	664.884	665.936	662.780	659.624	657.520	654.364	651.208	648.052	645.948	642.792
<b>52.5</b>	612.283	614.387	611.231	608.074	605.970	602.814	600.710	597.554	595.450	592.294
<b>55.0</b>	560.733	561.785	559.681	556.525	554.421	552.317	549.161	547.057	544.953	541.796
<b>57.5</b>	507.079	508.131	506.027	503.923	501.819	499.715	497.611	495.507	493.403	491.299
<b>60.0</b>	454.478	454.478	452.374	451.322	449.218	448.166	446.062	445.010	442.905	441.853
<b>62.5</b>	406.084	407.136	405.032	403.980	401.876	400.824	398.720	397.668	395.564	394.512
<b>65.0</b>	357.691	358.743	357.691	355.587	354.535	352.431	351.379	349.275	348.223	346.119
<b>67.5</b>	312.454	313.506	312.454	311.401	310.349	309.297	308.245	307.193	306.141	305.089
<b>70.0</b>	267.216	268.268	267.216	267.216	266.164	265.112	265.112	264.060	263.008	263.008
<b>72.5</b>	226.187	227.239	226.187	226.187	226.187	226.187	226.187	226.187	225.135	225.135
<b>75.0</b>	184.106	185.158	185.158	186.210	186.210	186.210	187.262	187.262	187.262	188.314
<b>77.5</b>	148.337	149.389	150.441	151.493	152.545	152.545	153.597	154.649	155.701	156.753
<b>80.0</b>	112.567	113.619	114.671	116.776	117.828	118.880	120.984	122.036	123.088	125.192
<b>82.5</b>	82.058	83.111	85.215	86.267	88.371	90.475	91.527	93.631	95.735	96.787
<b>85.0</b>	51.550	52.602	54.706	56.810	58.914	61.018	63.122	65.226	67.330	69.434
<b>87.5</b>	34.717	35.769	37.873	39.977	42.081	44.185	46.289	48.393	50.498	52.602
<b>90.0</b>	17.885	18.937	21.041	23.145	25.249	27.353	30.509	32.613	34.717	36.821
<b>92.5</b>	13.676	14.728	16.833	18.937	21.041	23.145	25.249	27.353	29.457	31.561
<b>95.0</b>	8.416	9.468	11.572	13.676	15.780	17.885	18.937	21.041	23.145	25.249
<b>97.5</b>	8.416	9.468	10.520	12.624	14.728	15.780	17.885	19.989	22.093	23.145
<b>100.0</b>	7.364	8.416	10.520	11.572	13.676	14.728	16.833	17.885	19.989	21.041
<b>102.5</b>	7.364	8.416	9.468	11.572	12.624	14.728	15.780	17.885	18.937	21.041
<b>105.0</b>	6.312	7.364	8.416	10.520	11.572	13.676	14.728	16.833	17.885	19.989
<b>107.5</b>	7.364	8.416	9.468	10.520	12.624	13.676	14.728	16.833	17.885	18.937
<b>110.0</b>	7.364	8.416	9.468	10.520	12.624	13.676	14.728	15.780	17.885	18.937
<b>112.5</b>	4.208	4.208	5.260	7.364	8.416	9.468	11.572	12.624	13.676	15.780
<b>115.0</b>	0.000	0.000	1.052	3.156	4.208	6.312	7.364	9.468	10.520	12.624
<b>117.5</b>	0.000	0.000	1.052	3.156	4.208	5.260	7.364	8.416	9.468	11.572
<b>120.0</b>	0.000	0.000	1.052	2.104	4.208	5.260	6.312	7.364	9.468	10.520
<b>122.5</b>	0.000	0.000	1.052	2.104	3.156	4.208	5.260	6.312	7.364	8.416
<b>125.0</b>	0.000	0.000	1.052	2.104	3.156	4.208	4.208	5.260	6.312	7.364
<b>127.5</b>	0.000	0.000	1.052	2.104	2.104	3.156	4.208	5.260	5.260	6.312
<b>130.0</b>	0.000	0.000	1.052	1.052	2.104	3.156	3.156	4.208	5.260	5.260

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

132.5	0.000	0.000	0.000	1.052	1.052	1.052	2.104	2.104	2.104	3.156
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	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850
2.5	1366.590	1366.590	1365.538	1365.538	1364.485	1364.485	1364.485	1363.433	1363.433	1363.433
5.0	1361.329	1360.277	1359.225	1359.225	1358.173	1357.121	1356.069	1356.069	1355.017	1353.965
7.5	1346.601	1345.549	1345.549	1344.497	1344.497	1343.445	1342.393	1342.393	1341.341	1341.341
10.0	1331.873	1331.873	1330.820	1330.820	1329.768	1329.768	1328.716	1328.716	1327.664	1327.664
12.5	1312.936	1310.832	1309.780	1308.728	1307.676	1306.624	1305.572	1304.520	1303.468	1302.416
15.0	1292.947	1290.843	1289.791	1287.687	1285.583	1284.531	1282.427	1280.323	1279.271	1277.167
17.5	1262.438	1260.334	1259.282	1257.178	1256.126	1254.022	1251.918	1250.866	1248.762	1247.710
20.0	1231.929	1229.825	1228.773	1226.669	1225.617	1223.513	1222.461	1220.357	1219.305	1217.201
22.5	1197.212	1195.108	1193.004	1190.900	1188.796	1187.744	1185.640	1183.536	1181.432	1180.380
25.0	1161.443	1159.339	1157.235	1155.131	1153.027	1150.923	1148.819	1146.715	1144.611	1142.507
27.5	1116.206	1114.102	1110.946	1108.842	1106.738	1103.582	1101.477	1099.373	1096.217	1094.113
30.0	1070.969	1067.812	1065.708	1062.552	1059.396	1057.292	1054.136	1050.980	1048.876	1045.720
32.5	1018.367	1016.263	1013.107	1011.003	1007.847	1005.743	1002.586	1000.482	997.326	995.222
35.0	965.765	963.661	960.505	958.401	956.297	953.141	951.037	948.933	945.777	943.673
37.5	910.008	907.904	906.852	905.800	903.695	902.643	901.591	899.487	898.435	897.383
40.0	853.198	853.198	852.146	852.146	852.146	851.094	851.094	851.094	850.042	850.042
42.5	798.492	797.440	797.440	797.440	796.388	796.388	796.388	796.388	795.336	795.336
45.0	742.735	742.735	742.735	741.683	741.683	741.683	741.683	740.631	740.631	740.631
47.5	691.185	690.133	690.133	689.081	689.081	688.029	686.977	686.977	685.925	685.925
50.0	639.635	638.583	637.531	636.479	635.427	634.375	633.323	632.271	631.219	630.167
52.5	590.190	589.138	588.086	588.086	587.034	585.982	585.982	584.930	584.930	583.878
55.0	539.692	539.692	539.692	538.640	538.640	538.640	538.640	537.588	537.588	537.588
57.5	490.247	490.247	490.247	490.247	490.247	490.247	490.247	490.247	490.247	491.299
60.0	439.749	439.749	440.801	440.801	441.853	441.853	442.905	442.905	443.958	443.958
62.5	392.408	393.460	393.460	394.512	395.564	396.616	396.616	397.668	398.720	399.772
65.0	345.066	346.119	347.171	348.223	349.275	350.327	351.379	352.431	353.483	354.535
67.5	304.037	305.089	306.141	307.193	308.245	310.349	311.401	312.454	313.506	315.610
70.0	261.956	263.008	265.112	266.164	268.268	269.320	271.424	272.476	274.580	275.632
72.5	225.135	227.239	228.291	230.395	232.499	234.603	235.655	237.759	239.863	241.967
75.0	188.314	190.418	192.522	194.626	196.730	198.834	200.938	203.042	205.146	207.250
77.5	157.805	158.857	160.961	163.065	165.169	167.273	169.377	171.481	173.585	175.689

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

80.0	126.244	128.348	130.452	132.556	134.660	135.712	137.816	139.920	142.024	144.128
82.5	98.891	100.995	103.099	105.203	107.307	109.411	111.515	113.619	115.724	117.828
85.0	71.538	73.642	75.746	77.850	79.954	83.111	85.215	87.319	89.423	91.527
87.5	55.758	57.862	59.966	62.070	64.174	66.278	68.382	70.486	72.590	75.746
90.0	38.925	41.029	43.133	45.237	47.341	50.498	52.602	54.706	56.810	58.914
92.5	33.665	34.717	36.821	38.925	41.029	43.133	45.237	47.341	49.446	51.550
95.0	27.353	29.457	30.509	32.613	34.717	35.769	37.873	39.977	41.029	43.133
97.5	25.249	27.353	28.405	30.509	32.613	33.665	35.769	37.873	38.925	41.029
100.0	23.145	25.249	26.301	28.405	30.509	31.561	33.665	35.769	36.821	38.925
102.5	22.093	24.197	25.249	27.353	28.405	30.509	31.561	33.665	34.717	36.821
105.0	21.041	22.093	24.197	25.249	26.301	28.405	29.457	30.509	32.613	33.665
107.5	21.041	22.093	23.145	24.197	26.301	27.353	28.405	29.457	31.561	32.613
110.0	19.989	21.041	22.093	24.197	25.249	26.301	27.353	29.457	30.509	31.561
112.5	16.833	17.885	18.937	21.041	22.093	23.145	24.197	26.301	27.353	28.405
115.0	13.676	14.728	15.780	17.885	18.937	19.989	21.041	23.145	24.197	25.249
117.5	12.624	13.676	14.728	15.780	16.833	17.885	18.937	19.989	21.041	23.145
120.0	11.572	12.624	13.676	14.728	15.780	15.780	16.833	17.885	18.937	19.989
122.5	10.520	11.572	12.624	13.676	14.728	15.780	16.833	17.885	18.937	19.989
125.0	8.416	9.468	10.520	11.572	12.624	14.728	15.780	16.833	17.885	18.937
127.5	7.364	8.416	9.468	10.520	11.572	11.572	12.624	13.676	14.728	15.780
130.0	6.312	7.364	7.364	8.416	9.468	9.468	10.520	11.572	11.572	12.624
132.5	3.156	4.208	4.208	5.260	6.312	6.312	7.364	8.416	8.416	9.468
135.0	0.000	1.052	1.052	2.104	3.156	3.156	4.208	5.260	5.260	6.312
137.5	0.000	0.000	1.052	1.052	1.052	2.104	2.104	2.104	3.156	3.156
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. Horizontal Angles**  
**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	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850
2.5	1363.433	1363.433	1363.433	1363.433	1363.433	1363.433	1363.433	1363.433	1363.433	1363.433
5.0	1353.965	1353.965	1353.965	1353.965	1355.017	1355.017	1355.017	1355.017	1355.017	1355.017
7.5	1340.289	1340.289	1340.289	1340.289	1340.289	1340.289	1339.237	1339.237	1339.237	1339.237
10.0	1327.664	1326.612	1326.612	1325.560	1325.560	1324.508	1324.508	1323.456	1323.456	1323.456
12.5	1301.364	1301.364	1300.312	1300.312	1299.260	1299.260	1298.207	1298.207	1297.155	1298.207
15.0	1276.115	1276.115	1275.063	1274.011	1274.011	1272.959	1271.907	1271.907	1270.855	1271.907
17.5	1246.658	1245.606	1245.606	1244.554	1243.502	1243.502	1242.450	1241.398	1241.398	1241.398
20.0	1216.149	1216.149	1215.097	1214.045	1214.045	1212.993	1211.941	1211.941	1210.889	1211.941
22.5	1179.328	1178.276	1178.276	1177.224	1177.224	1176.172	1176.172	1175.120	1175.120	1175.120
25.0	1142.507	1141.455	1141.455	1140.403	1140.403	1139.351	1139.351	1138.299	1138.299	1138.299

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : AX2WD-4-L33-840-S-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

27.5	1094.113	1093.061	1093.061	1093.061	1093.061	1092.009	1092.009	1092.009	1092.009	1092.009
30.0	1045.720	1045.720	1045.720	1045.720	1044.668	1044.668	1044.668	1044.668	1044.668	1044.668
32.5	994.170	993.118	993.118	992.066	991.014	991.014	989.962	989.962	988.910	989.962
35.0	942.621	941.569	940.517	939.465	937.361	936.308	935.256	934.204	933.152	934.204
37.5	895.279	893.175	892.123	890.019	888.967	886.863	885.811	883.707	882.655	883.707
40.0	847.938	845.834	843.730	841.626	839.522	837.417	835.313	833.209	831.105	833.209
42.5	793.232	791.128	789.024	786.920	784.816	782.712	780.608	778.504	776.400	778.504
45.0	738.526	736.422	734.318	732.214	730.110	728.006	725.902	723.798	721.694	723.798
47.5	683.821	681.717	679.613	678.561	676.457	674.353	672.248	671.196	669.092	671.196
50.0	629.115	627.011	625.959	623.855	622.803	620.699	619.647	617.543	616.491	617.543
52.5	581.774	579.670	578.618	576.514	574.409	572.305	571.253	569.149	567.045	569.149
55.0	535.484	533.380	531.276	529.172	526.016	523.912	521.808	519.704	517.600	519.704
57.5	489.195	487.091	484.987	482.883	481.831	479.727	477.623	475.518	474.466	475.518
60.0	442.905	440.801	439.749	437.645	436.593	434.489	433.437	431.333	430.281	431.333
62.5	398.720	397.668	396.616	395.564	394.512	393.460	392.408	391.356	391.356	391.356
65.0	354.535	353.483	353.483	353.483	352.431	352.431	352.431	351.379	351.379	351.379
67.5	315.610	315.610	315.610	316.662	316.662	316.662	316.662	317.714	317.714	317.714
70.0	276.684	277.736	278.788	279.841	279.841	280.893	281.945	282.997	284.049	282.997
72.5	241.967	243.019	244.071	245.123	246.175	247.228	248.280	249.332	250.384	249.332
75.0	208.302	209.354	210.406	211.458	211.458	212.510	213.562	214.615	215.667	214.615
77.5	176.741	177.793	178.845	179.897	180.950	182.002	183.054	184.106	186.210	184.106
80.0	145.180	146.232	148.337	149.389	150.441	151.493	153.597	154.649	155.701	154.649
82.5	118.880	119.932	122.036	123.088	124.140	125.192	126.244	127.296	129.400	127.296
85.0	92.579	93.631	94.683	95.735	97.839	98.891	99.943	100.995	102.047	100.995
87.5	75.746	76.798	77.850	78.902	79.954	81.006	82.058	83.111	84.163	83.111
90.0	59.966	61.018	61.018	62.070	63.122	64.174	64.174	65.226	66.278	65.226
92.5	51.550	52.602	53.654	53.654	54.706	55.758	56.810	56.810	57.862	56.810
95.0	44.185	44.185	45.237	46.289	46.289	47.341	48.393	48.393	49.446	48.393
97.5	42.081	42.081	43.133	44.185	45.237	45.237	46.289	47.341	48.393	47.341
100.0	39.977	41.029	41.029	42.081	43.133	44.185	44.185	45.237	46.289	45.237
102.5	36.821	37.873	38.925	39.977	41.029	42.081	42.081	43.133	44.185	43.133
105.0	34.717	35.769	36.821	37.873	37.873	38.925	39.977	41.029	42.081	41.029
107.5	33.665	33.665	34.717	35.769	36.821	36.821	37.873	38.925	39.977	38.925
110.0	32.613	32.613	33.665	33.665	34.717	34.717	35.769	35.769	36.821	35.769
112.5	29.457	29.457	30.509	30.509	31.561	31.561	32.613	32.613	33.665	32.613
115.0	25.249	26.301	26.301	27.353	27.353	28.405	28.405	29.457	29.457	29.457
117.5	23.145	24.197	24.197	25.249	25.249	26.301	26.301	27.353	27.353	27.353
120.0	21.041	21.041	22.093	22.093	23.145	23.145	24.197	24.197	25.249	24.197
122.5	19.989	19.989	21.041	21.041	21.041	22.093	22.093	22.093	23.145	22.093
125.0	18.937	18.937	18.937	18.937	19.989	19.989	19.989	19.989	19.989	19.989
127.5	15.780	16.833	16.833	16.833	16.833	17.885	17.885	17.885	18.937	17.885
130.0	12.624	13.676	13.676	14.728	14.728	15.780	15.780	16.833	16.833	16.833
132.5	10.520	10.520	11.572	11.572	12.624	12.624	13.676	13.676	14.728	13.676
135.0	7.364	7.364	8.416	8.416	9.468	9.468	10.520	10.520	11.572	10.520
137.5	4.208	4.208	5.260	6.312	7.364	7.364	8.416	9.468	10.520	9.468
140.0	1.052	2.104	3.156	4.208	4.208	5.260	6.312	7.364	8.416	7.364
142.5	0.000	1.052	1.052	2.104	2.104	3.156	3.156	4.208	4.208	4.208
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-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	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850
2.5	1363.433	1363.433	1363.433	1363.433	1363.433	1363.433	1363.433	1363.433	1363.433	1363.433
5.0	1355.017	1355.017	1355.017	1353.965	1353.965	1353.965	1353.965	1353.965	1355.017	1356.069
7.5	1339.237	1340.289	1340.289	1340.289	1340.289	1340.289	1340.289	1341.341	1341.341	1342.393
10.0	1324.508	1324.508	1325.560	1325.560	1326.612	1326.612	1327.664	1327.664	1327.664	1328.716
12.5	1298.207	1299.260	1299.260	1300.312	1300.312	1301.364	1301.364	1302.416	1303.468	1304.520
15.0	1271.907	1272.959	1274.011	1274.011	1275.063	1276.115	1276.115	1277.167	1279.271	1280.323
17.5	1242.450	1243.502	1243.502	1244.554	1245.606	1245.606	1246.658	1247.710	1248.762	1250.866
20.0	1211.941	1212.993	1214.045	1214.045	1215.097	1216.149	1216.149	1217.201	1219.305	1220.357
22.5	1176.172	1176.172	1177.224	1177.224	1178.276	1178.276	1179.328	1180.380	1181.432	1183.536
25.0	1139.351	1139.351	1140.403	1140.403	1141.455	1141.455	1142.507	1142.507	1144.611	1146.715
27.5	1092.009	1092.009	1093.061	1093.061	1093.061	1093.061	1094.113	1094.113	1096.217	1099.373
30.0	1044.668	1044.668	1044.668	1045.720	1045.720	1045.720	1045.720	1045.720	1048.876	1050.980
32.5	989.962	991.014	991.014	992.066	993.118	993.118	994.170	995.222	997.326	1000.482
35.0	935.256	936.308	937.361	939.465	940.517	941.569	942.621	943.673	945.777	948.933
37.5	885.811	886.863	888.967	890.019	892.123	893.175	895.279	897.383	898.435	899.487
40.0	835.313	837.417	839.522	841.626	843.730	845.834	847.938	850.042	850.042	851.094
42.5	780.608	782.712	784.816	786.920	789.024	791.128	793.232	795.336	795.336	796.388
45.0	725.902	728.006	730.110	732.214	734.318	736.422	738.526	740.631	740.631	740.631
47.5	672.248	674.353	676.457	678.561	679.613	681.717	683.821	685.925	685.925	686.977
50.0	619.647	620.699	622.803	623.855	625.959	627.011	629.115	630.167	631.219	632.271
52.5	571.253	572.305	574.409	576.514	578.618	579.670	581.774	583.878	584.930	584.930
55.0	521.808	523.912	526.016	529.172	531.276	533.380	535.484	537.588	537.588	537.588
57.5	477.623	479.727	481.831	482.883	484.987	487.091	489.195	491.299	490.247	490.247
60.0	433.437	434.489	436.593	437.645	439.749	440.801	442.905	443.958	443.958	442.905
62.5	392.408	393.460	394.512	395.564	396.616	397.668	398.720	399.772	398.720	397.668
65.0	352.431	352.431	352.431	353.483	353.483	353.483	354.535	354.535	353.483	352.431
67.5	316.662	316.662	316.662	316.662	315.610	315.610	315.610	315.610	313.506	312.454
70.0	281.945	280.893	279.841	279.841	278.788	277.736	276.684	275.632	274.580	272.476
72.5	248.280	247.228	246.175	245.123	244.071	243.019	241.967	241.967	239.863	237.759
75.0	213.562	212.510	211.458	211.458	210.406	209.354	208.302	207.250	205.146	203.042
77.5	183.054	182.002	180.950	179.897	178.845	177.793	176.741	175.689	173.585	171.481
80.0	153.597	151.493	150.441	149.389	148.337	146.232	145.180	144.128	142.024	139.920
82.5	126.244	125.192	124.140	123.088	122.036	119.932	118.880	117.828	115.724	113.619
85.0	99.943	98.891	97.839	95.735	94.683	93.631	92.579	91.527	89.423	87.319
87.5	82.058	81.006	79.954	78.902	77.850	76.798	75.746	75.746	72.590	70.486
90.0	64.174	64.174	63.122	62.070	61.018	61.018	59.966	58.914	56.810	54.706
92.5	56.810	55.758	54.706	53.654	53.654	52.602	51.550	51.550	49.446	47.341
95.0	48.393	47.341	46.289	46.289	45.237	44.185	44.185	43.133	41.029	39.977
97.5	46.289	45.237	45.237	44.185	43.133	42.081	42.081	41.029	38.925	37.873
100.0	44.185	44.185	43.133	42.081	41.029	41.029	39.977	38.925	36.821	35.769
102.5	42.081	42.081	41.029	39.977	38.925	37.873	36.821	36.821	34.717	33.665
105.0	39.977	38.925	37.873	37.873	36.821	35.769	34.717	33.665	32.613	30.509
107.5	37.873	36.821	36.821	35.769	34.717	33.665	33.665	32.613	31.561	29.457
110.0	35.769	34.717	34.717	33.665	33.665	32.613	32.613	31.561	30.509	29.457
112.5	32.613	31.561	31.561	30.509	30.509	29.457	29.457	28.405	27.353	26.301

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : AX2WD-4-L33-840-S-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

115.0	28.405	28.405	27.353	27.353	26.301	26.301	25.249	25.249	24.197	23.145
117.5	26.301	26.301	25.249	25.249	24.197	24.197	23.145	23.145	21.041	19.989
120.0	24.197	23.145	23.145	22.093	22.093	21.041	21.041	19.989	18.937	17.885
122.5	22.093	22.093	21.041	21.041	21.041	19.989	19.989	19.989	18.937	17.885
125.0	19.989	19.989	19.989	18.937	18.937	18.937	18.937	18.937	17.885	16.833
127.5	17.885	17.885	16.833	16.833	16.833	16.833	15.780	15.780	14.728	13.676
130.0	15.780	15.780	14.728	14.728	13.676	13.676	12.624	12.624	11.572	11.572
132.5	13.676	12.624	12.624	11.572	11.572	10.520	10.520	9.468	8.416	8.416
135.0	10.520	9.468	9.468	8.416	8.416	7.364	7.364	6.312	5.260	5.260
137.5	8.416	7.364	7.364	6.312	5.260	4.208	4.208	3.156	3.156	2.104
140.0	6.312	5.260	4.208	4.208	3.156	2.104	1.052	0.000	0.000	0.000
142.5	3.156	3.156	2.104	2.104	1.052	1.052	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	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850
2.5	1364.485	1364.485	1364.485	1365.538	1365.538	1366.590	1366.590	1367.642	1367.642	1368.694
5.0	1356.069	1357.121	1358.173	1359.225	1359.225	1360.277	1361.329	1362.381	1363.433	1365.538
7.5	1342.393	1343.445	1344.497	1344.497	1345.549	1345.549	1346.601	1348.705	1349.757	1351.861
10.0	1328.716	1329.768	1329.768	1330.820	1330.820	1331.873	1331.873	1333.977	1336.081	1337.133
12.5	1305.572	1306.624	1307.676	1308.728	1309.780	1310.832	1312.936	1313.988	1316.092	1318.196
15.0	1282.427	1284.531	1285.583	1287.687	1289.791	1290.843	1292.947	1295.051	1296.103	1298.207
17.5	1251.918	1254.022	1256.126	1257.178	1259.282	1260.334	1262.438	1264.542	1266.647	1268.751
20.0	1222.461	1223.513	1225.617	1226.669	1228.773	1229.825	1231.929	1234.034	1237.190	1239.294
22.5	1185.640	1187.744	1188.796	1190.900	1193.004	1195.108	1197.212	1199.316	1202.473	1204.577
25.0	1148.819	1150.923	1153.027	1155.131	1157.235	1159.339	1161.443	1164.599	1166.703	1169.860
27.5	1101.477	1103.582	1106.738	1108.842	1110.946	1114.102	1116.206	1119.362	1122.518	1124.622
30.0	1054.136	1057.292	1059.396	1062.552	1065.708	1067.812	1070.969	1074.125	1077.281	1080.437
32.5	1002.586	1005.743	1007.847	1011.003	1013.107	1016.263	1018.367	1021.523	1024.679	1027.835
35.0	951.037	953.141	956.297	958.401	960.505	963.661	965.765	968.921	972.078	975.234
37.5	901.591	902.643	903.695	905.800	906.852	907.904	910.008	913.164	917.372	920.528
40.0	851.094	851.094	852.146	852.146	852.146	853.198	853.198	857.406	861.614	865.822
42.5	796.388	796.388	796.388	797.440	797.440	797.440	798.492	801.648	805.857	810.065
45.0	741.683	741.683	741.683	741.683	742.735	742.735	742.735	746.943	750.099	754.307
47.5	686.977	688.029	689.081	689.081	690.133	690.133	691.185	694.341	697.497	701.705
50.0	633.323	634.375	635.427	636.479	637.531	638.583	639.635	642.792	645.948	648.052
52.5	585.982	585.982	587.034	588.086	588.086	589.138	590.190	592.294	595.450	597.554
55.0	538.640	538.640	538.640	538.640	539.692	539.692	539.692	541.796	544.953	547.057
57.5	490.247	490.247	490.247	490.247	490.247	490.247	490.247	491.299	493.403	495.507
60.0	442.905	441.853	441.853	440.801	440.801	439.749	439.749	441.853	442.905	445.010

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : AX2WD-4-L33-840-S-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

62.5	396.616	396.616	395.564	394.512	393.460	393.460	392.408	394.512	395.564	397.668
65.0	351.379	350.327	349.275	348.223	347.171	346.119	345.066	346.119	348.223	349.275
67.5	311.401	310.349	308.245	307.193	306.141	305.089	304.037	305.089	306.141	307.193
70.0	271.424	269.320	268.268	266.164	265.112	263.008	261.956	263.008	263.008	264.060
72.5	235.655	234.603	232.499	230.395	228.291	227.239	225.135	225.135	225.135	226.187
75.0	200.938	198.834	196.730	194.626	192.522	190.418	188.314	188.314	187.262	187.262
77.5	169.377	167.273	165.169	163.065	160.961	158.857	157.805	156.753	155.701	154.649
80.0	137.816	135.712	134.660	132.556	130.452	128.348	126.244	125.192	123.088	122.036
82.5	111.515	109.411	107.307	105.203	103.099	100.995	98.891	96.787	95.735	93.631
85.0	85.215	83.111	79.954	77.850	75.746	73.642	71.538	69.434	67.330	65.226
87.5	68.382	66.278	64.174	62.070	59.966	57.862	55.758	52.602	50.498	48.393
90.0	52.602	50.498	47.341	45.237	43.133	41.029	38.925	36.821	34.717	32.613
92.5	45.237	43.133	41.029	38.925	36.821	34.717	33.665	31.561	29.457	27.353
95.0	37.873	35.769	34.717	32.613	30.509	29.457	27.353	25.249	23.145	21.041
97.5	35.769	33.665	32.613	30.509	28.405	27.353	25.249	23.145	22.093	19.989
100.0	33.665	31.561	30.509	28.405	26.301	25.249	23.145	21.041	19.989	17.885
102.5	31.561	30.509	28.405	27.353	25.249	24.197	22.093	21.041	18.937	17.885
105.0	29.457	28.405	26.301	25.249	24.197	22.093	21.041	19.989	17.885	16.833
107.5	28.405	27.353	26.301	24.197	23.145	22.093	21.041	18.937	17.885	16.833
110.0	27.353	26.301	25.249	24.197	22.093	21.041	19.989	18.937	17.885	15.780
112.5	24.197	23.145	22.093	21.041	18.937	17.885	16.833	15.780	13.676	12.624
115.0	21.041	19.989	18.937	17.885	15.780	14.728	13.676	12.624	10.520	9.468
117.5	18.937	17.885	16.833	15.780	14.728	13.676	12.624	11.572	9.468	8.416
120.0	16.833	15.780	15.780	14.728	13.676	12.624	11.572	10.520	9.468	7.364
122.5	16.833	15.780	14.728	13.676	12.624	11.572	10.520	8.416	7.364	6.312
125.0	15.780	14.728	12.624	11.572	10.520	9.468	8.416	7.364	6.312	5.260
127.5	12.624	11.572	11.572	10.520	9.468	8.416	7.364	6.312	5.260	5.260
130.0	10.520	9.468	9.468	8.416	7.364	7.364	6.312	5.260	5.260	4.208
132.5	7.364	6.312	6.312	5.260	4.208	4.208	3.156	3.156	2.104	2.104
135.0	4.208	3.156	3.156	2.104	1.052	1.052	0.000	0.000	0.000	0.000
137.5	2.104	2.104	1.052	1.052	1.052	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	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850	1371.850
2.5	1368.694	1369.746	1370.798	1370.798	1371.850	1372.902	1371.850	1370.798	1370.798	1369.746
5.0	1366.590	1367.642	1368.694	1370.798	1371.850	1372.902	1371.850	1369.746	1368.694	1367.642
7.5	1352.913	1355.017	1356.069	1358.173	1359.225	1361.329	1359.225	1358.173	1357.121	1356.069

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

10.0	1339.237	1341.341	1343.445	1344.497	1346.601	1348.705	1347.653	1346.601	1345.549	1344.497
12.5	1319.248	1321.352	1323.456	1325.560	1326.612	1328.716	1327.664	1326.612	1325.560	1324.508
15.0	1300.312	1301.364	1303.468	1305.572	1306.624	1308.728	1307.676	1306.624	1306.624	1305.572
17.5	1270.855	1272.959	1275.063	1277.167	1279.271	1282.427	1281.375	1281.375	1280.323	1280.323
20.0	1242.450	1244.554	1247.710	1249.814	1252.970	1255.074	1255.074	1255.074	1254.022	1254.022
22.5	1207.733	1209.837	1212.993	1215.097	1218.253	1221.409	1220.357	1220.357	1219.305	1219.305
25.0	1173.016	1175.120	1178.276	1181.432	1183.536	1186.692	1185.640	1185.640	1184.588	1184.588
27.5	1127.778	1130.934	1134.090	1136.195	1139.351	1142.507	1140.403	1138.299	1136.195	1135.143
30.0	1083.593	1085.697	1088.853	1092.009	1095.165	1098.321	1095.165	1092.009	1088.853	1085.697
32.5	1030.991	1034.147	1037.304	1040.460	1043.616	1046.772	1043.616	1041.512	1038.356	1036.252
35.0	978.390	982.598	985.754	988.910	992.066	995.222	993.118	991.014	988.910	986.806
37.5	923.684	927.892	931.048	935.256	938.413	942.621	940.517	938.413	935.256	933.152
40.0	870.030	873.187	877.395	881.603	885.811	890.019	887.915	885.811	882.655	880.551
42.5	814.273	817.429	821.637	825.845	830.053	834.261	832.157	830.053	827.949	825.845
45.0	758.515	761.671	765.879	770.087	773.244	777.452	775.348	774.296	772.191	771.139
47.5	704.861	708.018	711.174	715.382	718.538	721.694	720.642	718.538	717.486	715.382
50.0	651.208	654.364	657.520	659.624	662.780	665.936	664.884	662.780	661.728	660.676
52.5	600.710	602.814	605.970	608.074	611.231	614.387	612.283	611.231	610.179	608.074
55.0	549.161	552.317	554.421	556.525	559.681	561.785	560.733	559.681	557.577	556.525
57.5	497.611	499.715	501.819	503.923	506.027	508.131	507.079	506.027	506.027	504.975
60.0	446.062	448.166	449.218	451.322	452.374	454.478	454.478	453.426	453.426	452.374
62.5	398.720	400.824	401.876	403.980	405.032	407.136	406.084	405.032	403.980	402.928
65.0	351.379	352.431	354.535	355.587	357.691	358.743	357.691	356.639	355.587	354.535
67.5	308.245	309.297	310.349	311.401	312.454	313.506	312.454	311.401	310.349	309.297
70.0	265.112	265.112	266.164	267.216	267.216	268.268	267.216	266.164	266.164	265.112
72.5	226.187	226.187	226.187	226.187	226.187	227.239	226.187	225.135	224.083	223.031
75.0	187.262	186.210	186.210	186.210	185.158	185.158	184.106	183.054	182.002	180.950
77.5	153.597	152.545	152.545	151.493	150.441	149.389	148.337	147.284	146.232	145.180
80.0	120.984	118.880	117.828	116.776	114.671	113.619	112.567	111.515	109.411	108.359
82.5	91.527	90.475	88.371	86.267	85.215	83.111	82.058	81.006	79.954	77.850
85.0	63.122	61.018	58.914	56.810	54.706	52.602	51.550	50.498	49.446	48.393
87.5	46.289	44.185	42.081	39.977	37.873	35.769	34.717	33.665	32.613	31.561
90.0	30.509	27.353	25.249	23.145	21.041	18.937	17.885	16.833	15.780	14.728
92.5	25.249	23.145	21.041	18.937	16.833	14.728	13.676	12.624	11.572	10.520
95.0	18.937	17.885	15.780	13.676	11.572	9.468	8.416	7.364	6.312	5.260
97.5	17.885	15.780	14.728	12.624	10.520	9.468	8.416	7.364	6.312	5.260
100.0	16.833	14.728	13.676	11.572	10.520	8.416	7.364	6.312	5.260	4.208
102.5	15.780	14.728	12.624	11.572	9.468	8.416	7.364	6.312	5.260	4.208
105.0	14.728	13.676	11.572	10.520	8.416	7.364	6.312	5.260	5.260	4.208
107.5	14.728	13.676	12.624	10.520	9.468	8.416	7.364	6.312	5.260	4.208
110.0	14.728	13.676	12.624	10.520	9.468	8.416	7.364	6.312	5.260	4.208
112.5	11.572	9.468	8.416	7.364	5.260	4.208	4.208	3.156	3.156	2.104
115.0	7.364	6.312	4.208	3.156	1.052	0.000	0.000	0.000	0.000	0.000
117.5	7.364	5.260	4.208	3.156	1.052	0.000	0.000	0.000	0.000	0.000
120.0	6.312	5.260	4.208	2.104	1.052	0.000	0.000	0.000	0.000	0.000
122.5	5.260	4.208	3.156	2.104	1.052	0.000	0.000	0.000	0.000	0.000
125.0	4.208	4.208	3.156	2.104	1.052	0.000	0.000	0.000	0.000	0.000
127.5	4.208	3.156	2.104	2.104	1.052	0.000	0.000	0.000	0.000	0.000
130.0	3.156	3.156	2.104	1.052	1.052	0.000	0.000	0.000	0.000	0.000
132.5	2.104	1.052	1.052	1.052	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-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. Horizontal Angles**

	<u>350.0</u>	<u>352.5</u>	<u>355.0</u>	<u>357.5</u>	<u>360.0</u>
0.0	1371.850	1371.850	1371.850	1371.850	1371.850
2.5	1368.694	1368.694	1367.642	1366.590	1366.590
5.0	1365.538	1364.485	1363.433	1361.329	1360.277
7.5	1353.965	1352.913	1351.861	1350.809	1349.757
10.0	1342.393	1341.341	1340.289	1339.237	1338.185
12.5	1323.456	1322.404	1321.352	1320.300	1320.300
15.0	1304.520	1303.468	1303.468	1302.416	1301.364
17.5	1279.271	1279.271	1278.219	1278.219	1277.167
20.0	1254.022	1254.022	1252.970	1252.970	1252.970
22.5	1219.305	1218.253	1218.253	1217.201	1217.201
25.0	1183.536	1183.536	1182.484	1182.484	1181.432
27.5	1133.038	1130.934	1128.830	1126.726	1125.674
30.0	1081.489	1078.333	1075.177	1072.021	1068.865
32.5	1033.095	1029.939	1027.835	1024.679	1022.575
35.0	983.650	981.546	979.442	977.338	975.234
37.5	931.048	928.944	926.840	924.736	922.632
40.0	878.447	876.343	873.187	871.082	868.978
42.5	823.741	821.637	819.533	817.429	816.377
45.0	769.035	767.983	765.879	764.827	762.723
47.5	714.330	712.226	711.174	709.070	708.018
50.0	658.572	657.520	656.468	654.364	653.312
52.5	607.022	605.970	604.918	602.814	601.762
55.0	555.473	554.421	552.317	551.265	550.213
57.5	503.923	502.871	501.819	500.767	500.767
60.0	452.374	451.322	451.322	450.270	450.270
62.5	402.928	401.876	400.824	399.772	399.772
65.0	352.431	351.379	350.327	349.275	348.223
67.5	308.245	307.193	306.141	305.089	305.089
70.0	264.060	263.008	263.008	261.956	260.904
72.5	221.979	221.979	220.927	219.875	218.823
75.0	180.950	179.897	178.845	177.793	176.741
77.5	144.128	143.076	142.024	140.972	139.920
80.0	107.307	106.255	104.151	103.099	102.047
82.5	76.798	75.746	74.694	73.642	72.590
85.0	46.289	45.237	44.185	43.133	42.081
87.5	30.509	29.457	28.405	27.353	26.301
90.0	13.676	12.624	11.572	10.520	9.468
92.5	9.468	8.416	7.364	6.312	5.260
95.0	5.260	4.208	3.156	2.104	1.052

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

97.5	4.208	3.156	2.104	1.052	1.052
100.0	4.208	3.156	2.104	1.052	0.000
102.5	3.156	3.156	2.104	1.052	0.000
105.0	3.156	2.104	2.104	1.052	0.000
107.5	3.156	3.156	2.104	1.052	0.000
110.0	4.208	3.156	2.104	1.052	0.000
112.5	2.104	1.052	1.052	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**  
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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	492.62	N.A.	14.40
0-30	1025.83	N.A.	30.00
0-40	1629.25	N.A.	47.70
0-60	2694.62	N.A.	78.90
0-80	3252.92	N.A.	95.20
0-90	3337.56	N.A.	97.70
10-90	3208.54	N.A.	93.90
20-40	1136.63	N.A.	33.30
20-50	1716.14	N.A.	50.20
40-70	1416.24	N.A.	41.40
60-80	558.30	N.A.	16.30
70-80	207.42	N.A.	6.10
80-90	84.65	N.A.	2.50
90-110	53.81	N.A.	1.60
90-120	68.15	N.A.	2.00
90-130	76.42	N.A.	2.20
90-150	79.37	N.A.	2.30
90-180	79.37	N.A.	2.30
110-180	25.55	N.A.	0.70
0-180	3416.93	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	129.02
10-20	363.60
20-30	533.20
30-40	603.43
40-50	579.51
50-60	485.86
60-70	350.88
70-80	207.42
80-90	84.65
90-100	31.37
100-110	22.45
110-120	14.33
120-130	8.27
130-140	2.77
140-150	0.18
150-160	0.00
160-170	0.00
170-180	0.00

**IES INDOOR REPORT**  
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**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**  
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**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

X=2H	Y=2H	21.1	22.6	21.5	23.0	23.3	20.8	22.4	21.2	22.7	23.1
	3H	22.7	24.1	23.1	24.4	24.8	22.6	24.0	23.0	24.4	24.8
	4H	23.2	24.5	23.7	24.9	25.4	23.4	24.7	23.8	25.1	25.5
	6H	23.6	24.9	24.1	25.3	25.7	24.1	25.3	24.6	25.7	26.2
	8H	23.8	24.9	24.2	25.4	25.8	24.4	25.6	24.9	26.0	26.5
	12H	23.8	25.0	24.3	25.4	25.9	24.8	25.9	25.2	26.3	26.8

UGR Viewed Endwise

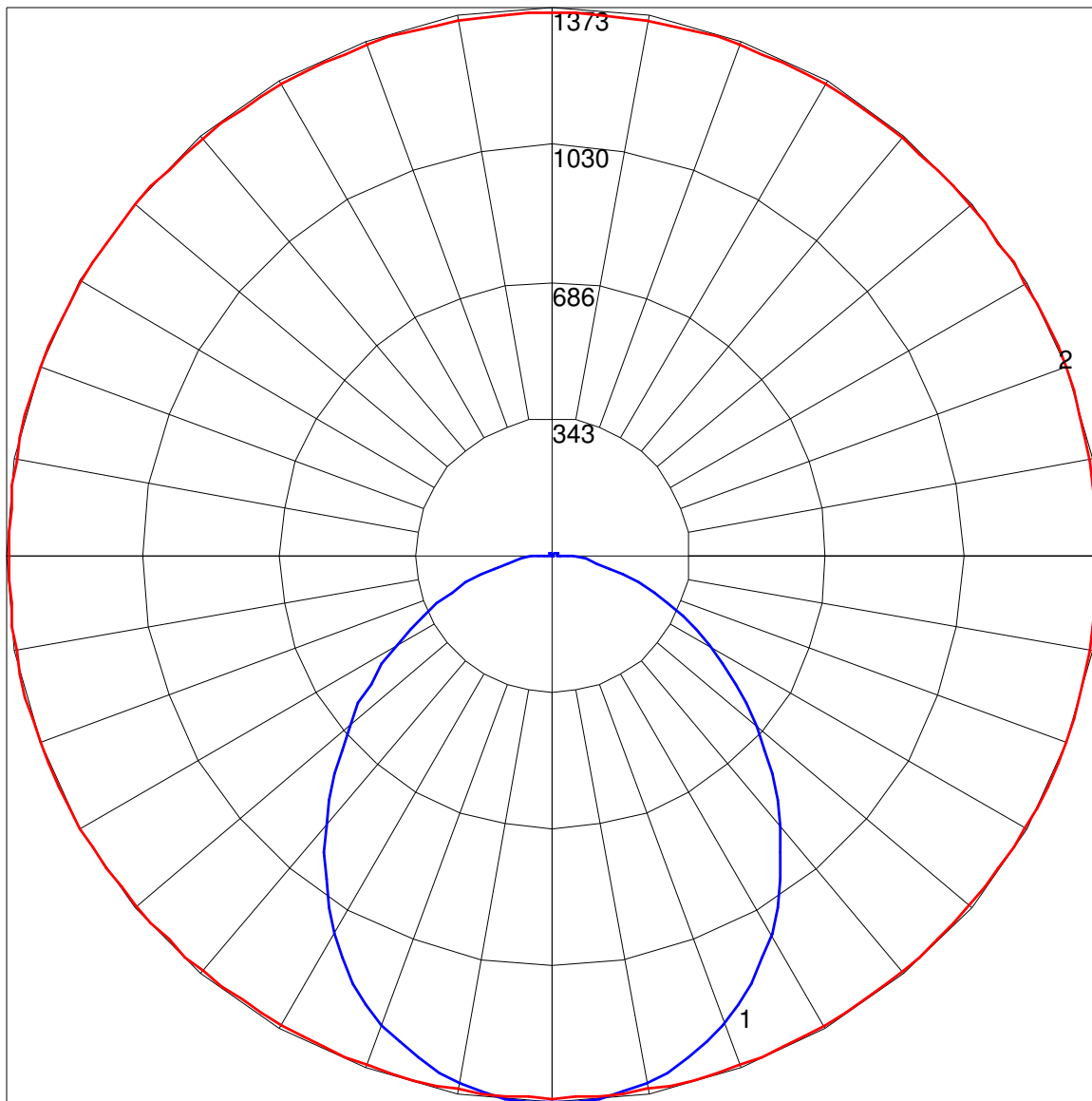
4H	2H	21.6	22.9	22.0	23.3	23.7	21.4	22.7	21.8	23.1	23.5
	3H	23.4	24.5	23.8	24.9	25.4	23.4	24.5	23.8	24.9	25.4
	4H	24.1	25.1	24.6	25.6	26.1	24.3	25.3	24.8	25.8	26.3
	6H	24.7	25.5	25.2	26.0	26.5	25.2	26.1	25.7	26.6	27.1
	8H	24.9	25.7	25.3	26.1	26.7	25.6	26.4	26.1	26.9	27.4
	12H	25.0	25.7	25.5	26.2	26.7	26.0	26.8	26.6	27.3	27.8

8H	4H	24.4	25.3	24.9	25.7	26.2	24.6	25.4	25.1	25.9	26.4
	6H	25.1	25.8	25.6	26.3	26.9	25.7	26.3	26.2	26.9	27.4
	8H	25.4	26.0	25.9	26.5	27.1	26.2	26.8	26.7	27.3	27.9
	12H	25.6	26.1	26.1	26.7	27.3	26.8	27.3	27.3	27.8	28.4

12H	4H	24.5	25.2	25.0	25.7	26.3	24.7	25.4	25.2	25.9	26.4
	6H	25.2	25.8	25.8	26.3	26.9	25.7	26.3	26.3	26.8	27.4
	8H	25.6	26.1	26.1	26.6	27.2	26.3	26.9	26.9	27.4	28.0

Maximum UGR = 28.4

POLAR GRAPH



Maximum Candela = 1372.902 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.)