



IES INDOOR REPORT

PHOTOMETRIC FILENAME : VANL-W-24-H-40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] G006468.001
[TESTLAB]
[TESTDATE] 2024-08-27
[ISSUEDATE] 2024-10-03
[MANUFAC] LAMAR LED
[LUMCAT] VANL-W-24-H-40
[LUMINAIRE] VANDAL RESISTANT SURFACE LED LUMINAIRE
[MORE]DIFFUSE PEARLESCENT EXTRUDED POLYCARBONATE HIGH EFFIECENCY LENS
[_WATTAGE] 42.2
[_LUMENS] 5544
[_EFFICACY] 131.3

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5544
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	131
Total Luminaire Watts	42.2
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.22
Spacing Criterion (Diagonal)	1.38
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	2.10 ft
Luminous Width (90-270)	0.77 ft
Luminous Height	0.13 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	10666	9279	8830
55	10460	8556	7831
65	10377	7682	6497
75	10932	6613	4455
85	15310	6052	1197

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CANDELA TABULATION

	0	5	10	15	20	25	30	35	40	45
0	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28
1	1754.94	1755.12	1755.20	1755.20	1755.20	1755.20	1755.37	1755.54	1755.71	1755.80
2	1751.70	1751.87	1751.78	1751.78	1751.87	1751.87	1752.21	1752.46	1752.64	1752.89
3	1748.36	1748.45	1748.36	1748.28	1748.53	1748.70	1748.79	1749.04	1749.22	1749.47
4	1745.03	1745.03	1744.94	1745.03	1745.20	1745.20	1745.11	1745.37	1745.54	1745.62
5	1741.69	1741.69	1741.43	1741.69	1741.52	1741.43	1741.43	1741.26	1741.26	1741.52
6	1738.44	1738.27	1738.27	1738.01	1737.76	1737.59	1737.25	1737.16	1736.90	1736.82
7	1735.11	1734.85	1734.85	1734.59	1734.08	1733.48	1733.14	1732.71	1732.37	1731.94
8	1731.77	1731.35	1731.60	1730.75	1730.15	1729.46	1728.70	1728.01	1727.41	1726.64
9	1728.44	1727.93	1727.75	1727.07	1726.13	1725.02	1724.16	1723.22	1722.11	1720.83
10	1725.10	1724.59	1724.25	1723.31	1722.11	1720.49	1719.20	1717.92	1716.13	1714.76
11	1715.96	1715.78	1715.87	1715.78	1715.87	1716.21	1714.33	1712.19	1710.23	1708.52
12	1706.81	1706.72	1706.55	1706.38	1706.29	1706.46	1706.72	1706.72	1704.16	1701.93
13	1697.66	1697.57	1697.23	1697.06	1696.89	1696.55	1696.46	1696.97	1697.57	1694.41
14	1688.51	1688.34	1687.91	1687.65	1686.88	1686.63	1686.11	1685.86	1686.37	1687.14
15	1679.36	1679.19	1678.59	1677.99	1677.22	1676.28	1675.85	1675.26	1675.00	1675.17
16	1670.13	1670.04	1669.36	1668.42	1667.39	1666.28	1665.00	1663.97	1663.46	1662.94
17	1660.98	1660.89	1659.95	1659.01	1657.64	1655.85	1654.39	1652.77	1651.31	1650.80
18	1651.83	1651.74	1650.72	1649.35	1647.47	1645.67	1643.36	1641.40	1639.17	1638.23
19	1642.68	1642.68	1641.48	1639.69	1637.38	1634.98	1632.33	1629.51	1627.03	1624.98
20	1633.53	1633.53	1632.16	1630.02	1627.46	1624.55	1621.05	1617.63	1614.72	1612.07
21	1619.42	1619.68	1619.08	1618.57	1617.28	1613.52	1609.85	1605.83	1601.81	1598.47
22	1605.31	1605.40	1604.72	1603.95	1603.26	1602.58	1598.47	1593.77	1589.07	1584.88
23	1591.29	1591.12	1590.35	1589.41	1588.30	1586.93	1585.82	1581.29	1575.90	1571.20
24	1577.18	1576.84	1575.90	1574.53	1572.99	1571.20	1569.83	1568.80	1562.73	1556.92
25	1563.16	1562.65	1561.54	1559.83	1557.95	1555.72	1553.41	1552.05	1549.48	1542.56
26	1549.05	1548.37	1547.17	1544.95	1542.56	1539.99	1537.34	1534.95	1533.41	1527.93
27	1534.95	1534.09	1532.64	1530.33	1527.51	1523.92	1520.84	1517.85	1515.62	1513.57
28	1520.92	1519.73	1518.19	1515.45	1512.20	1508.18	1504.42	1500.74	1497.50	1495.53
29	1506.82	1505.45	1503.91	1500.49	1496.90	1492.28	1487.83	1483.39	1479.11	1476.63
30	1492.79	1491.25	1489.46	1485.70	1481.51	1476.12	1471.33	1465.86	1461.33	1457.74
31	1474.67	1473.55	1472.61	1470.31	1466.12	1460.30	1454.57	1448.50	1442.77	1438.16
32	1456.54	1455.43	1454.15	1451.75	1449.27	1444.57	1437.73	1430.89	1424.31	1419.17
33	1438.50	1437.30	1435.68	1433.28	1430.12	1426.78	1420.89	1413.19	1405.92	1399.42
34	1420.37	1419.17	1417.46	1414.81	1410.97	1407.38	1403.01	1395.49	1387.11	1380.01
35	1402.25	1401.05	1399.08	1396.26	1391.99	1387.62	1382.84	1377.96	1368.39	1360.09
36	1384.12	1382.92	1380.78	1377.62	1373.00	1368.13	1362.66	1357.27	1349.58	1340.43
37	1366.08	1364.80	1362.57	1358.98	1353.94	1348.55	1342.48	1336.41	1330.77	1320.25
38	1347.95	1346.75	1344.27	1340.26	1334.87	1328.88	1322.13	1315.37	1308.96	1300.58
39	1329.82	1328.71	1325.89	1321.62	1315.89	1309.13	1302.04	1294.34	1287.16	1280.75
40	1311.78	1310.59	1307.42	1303.06	1296.99	1289.72	1281.69	1273.48	1265.53	1258.34
41	1290.49	1289.64	1287.42	1284.59	1278.01	1270.23	1261.51	1252.53	1243.64	1235.69
42	1269.20	1268.26	1265.87	1262.62	1258.17	1250.73	1241.41	1231.58	1221.92	1212.94
43	1247.91	1246.89	1244.32	1240.82	1236.03	1230.56	1221.24	1210.63	1200.03	1190.46
44	1226.62	1225.60	1222.86	1219.10	1213.71	1207.73	1201.23	1189.69	1178.31	1167.45
45	1205.33	1204.22	1201.40	1197.21	1191.48	1185.07	1178.14	1168.91	1156.60	1144.80
46	1184.04	1182.85	1179.94	1175.32	1169.16	1162.41	1154.80	1147.19	1134.88	1122.14
47	1162.75	1161.47	1158.39	1153.52	1147.02	1139.75	1131.63	1123.16	1113.25	1099.74
48	1141.46	1140.18	1136.84	1131.71	1124.87	1117.09	1108.29	1099.22	1090.25	1077.08
49	1120.17	1118.80	1115.38	1110.00	1102.73	1094.44	1085.03	1075.45	1065.79	1054.59
50	1098.88	1097.51	1093.92	1088.28	1080.76	1071.78	1061.86	1051.51	1041.08	1031.76
51	1075.45	1074.26	1071.18	1066.39	1058.70	1049.20	1038.69	1027.66	1016.63	1006.45
52	1052.03	1050.83	1047.67	1042.54	1036.21	1026.55	1015.69	1004.14	992.26	981.14
53	1028.68	1027.40	1024.15	1018.85	1012.18	1003.63	992.69	980.46	967.89	956.01

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CANDELA TABULATION - (Cont.)

54	1005.26	1003.97	1000.64	995.25	988.07	979.43	969.60	956.86	943.52	930.87
55	981.83	980.55	977.04	971.57	964.13	955.15	944.89	933.35	919.41	905.90
56	958.40	957.12	953.53	947.88	940.19	930.87	920.27	908.98	895.39	881.02
57	935.06	933.69	930.10	924.20	916.25	906.67	895.81	883.93	871.36	856.22
58	911.63	910.35	906.67	900.60	892.39	882.39	871.10	858.96	846.23	831.64
59	888.20	886.92	883.16	876.92	868.62	858.45	846.60	833.92	820.76	807.19
60	864.78	863.58	859.73	853.35	844.99	834.35	822.32	809.10	795.53	781.50
61	841.01	839.80	835.96	829.67	821.19	810.35	798.07	784.45	770.26	755.87
62	817.20	815.94	812.01	805.54	797.21	786.54	773.95	759.91	745.18	730.13
63	793.40	792.04	788.02	781.44	773.00	762.24	749.67	735.51	720.18	704.66
64	769.59	768.16	764.04	757.40	748.81	737.69	725.34	711.19	695.39	679.31
65	745.80	744.29	740.11	733.42	724.61	713.34	700.74	686.66	670.70	654.25
66	721.99	720.44	716.21	709.40	700.45	689.14	676.28	661.82	646.41	629.21
67	698.19	696.61	692.32	685.39	676.36	664.96	651.82	637.21	621.49	604.58
68	674.39	672.77	668.38	661.43	652.31	640.76	627.54	612.77	596.61	579.93
69	650.58	648.93	644.45	637.53	628.29	616.62	603.34	588.34	572.03	554.83
70	626.78	625.09	620.53	613.62	604.37	592.63	579.20	563.99	547.59	530.11
71	605.71	603.85	598.72	590.78	580.44	568.57	555.12	539.84	523.18	505.52
72	584.63	582.80	577.73	569.80	559.09	545.38	531.21	515.75	499.00	481.22
73	563.57	561.77	556.74	548.84	538.11	524.46	508.77	491.78	474.93	457.07
74	542.50	540.74	535.75	527.90	517.17	503.55	487.88	469.79	451.06	433.00
75	521.42	519.70	514.77	506.93	496.27	482.82	467.08	449.09	429.09	409.15
76	500.35	498.68	493.79	485.97	475.40	462.13	446.39	428.50	408.58	386.99
77	479.28	477.64	472.81	465.02	454.59	441.39	425.74	408.02	388.32	366.93
78	458.21	456.62	451.84	444.14	433.82	420.72	405.24	387.69	368.12	346.94
79	437.14	435.59	430.87	423.26	413.06	400.11	384.86	367.47	348.10	327.14
80	416.07	414.58	409.91	402.42	392.33	379.56	364.44	347.34	328.23	307.52
81	400.44	398.73	393.53	385.13	373.77	359.45	344.09	327.25	308.48	288.05
82	384.82	383.10	377.95	369.61	358.35	344.17	327.34	308.36	288.79	268.74
83	369.20	367.47	362.38	354.11	342.97	328.94	312.29	293.48	272.68	250.10
84	353.58	351.84	346.81	338.63	327.61	313.74	297.29	278.70	258.20	236.00
85	337.96	336.21	331.25	323.16	312.28	298.58	282.35	264.01	243.82	222.03
86	322.34	320.59	315.69	307.71	296.97	283.45	267.45	249.39	229.51	208.10
87	306.72	304.96	300.14	292.27	281.68	268.35	252.60	234.84	215.29	194.26
88	291.09	289.34	284.59	276.83	266.40	253.28	237.79	220.35	201.15	180.52
89	275.47	273.72	269.04	261.42	251.15	238.23	223.03	205.90	187.10	166.88
90	259.85	258.10	253.51	246.01	235.90	223.20	208.28	191.50	173.09	153.32
91	249.60	247.88	243.36	235.97	226.02	213.53	198.85	182.35	164.28	144.91
92	239.34	237.66	233.21	225.95	216.15	203.87	189.45	173.24	155.51	136.57
93	229.08	227.45	223.07	215.93	206.29	194.24	180.07	164.17	146.78	128.28
94	218.83	217.23	212.92	205.92	196.44	184.62	170.71	155.12	138.10	120.05
95	208.57	207.02	202.79	195.90	186.61	175.01	161.38	146.10	129.46	111.85
96	198.31	196.80	192.65	185.91	176.79	165.42	152.07	137.10	120.85	103.67
97	188.05	186.58	182.51	175.90	166.97	155.84	142.77	128.13	112.27	95.52
98	177.79	176.38	172.38	165.91	157.16	146.27	133.50	119.19	105.01	91.01
99	167.53	166.16	162.24	155.92	147.36	136.71	125.65	113.64	100.66	86.96
100	157.28	156.13	152.82	147.50	140.29	131.33	120.82	109.07	96.34	82.92
101	151.81	150.67	147.42	142.20	135.11	126.32	116.02	104.50	92.02	78.89
102	146.34	145.22	142.02	136.90	129.94	121.31	111.22	99.94	87.71	74.89
103	140.87	139.76	136.62	131.61	124.77	116.32	106.43	95.40	83.43	70.88
104	135.39	134.31	131.23	126.30	119.61	111.33	101.65	90.85	79.15	66.89
105	129.92	128.86	125.83	121.01	114.45	106.34	96.87	86.32	74.89	63.97
106	124.45	123.41	120.44	115.72	109.31	101.35	92.10	81.79	71.47	61.90
107	118.98	117.95	115.04	110.42	104.14	96.38	87.32	78.11	69.22	59.83
108	113.50	112.50	109.66	105.13	98.99	91.40	83.68	75.71	66.99	57.77
109	108.03	107.05	104.26	99.83	94.11	88.14	81.15	73.32	64.76	55.71

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CANDELA TABULATION - (Cont.)

110	102.57	101.77	99.56	96.08	91.34	85.49	78.61	70.93	62.55	53.65
111	99.58	98.81	96.64	93.22	88.57	82.83	76.08	68.56	60.33	51.60
112	96.59	95.84	93.72	90.37	85.80	80.17	73.56	66.18	58.12	49.56
113	93.61	92.87	90.80	87.51	83.04	77.52	71.04	63.80	55.91	47.77
114	90.62	89.91	87.87	84.65	80.27	74.86	68.53	61.42	53.74	46.05
115	87.63	86.93	84.95	81.79	77.50	72.21	66.00	59.04	51.87	44.33
116	84.64	83.96	82.02	78.94	74.74	69.56	63.49	56.92	50.01	42.61
117	81.66	81.00	79.10	76.08	71.97	66.92	61.16	54.92	48.14	40.89
118	78.67	78.03	76.17	73.22	69.21	64.43	59.05	52.93	46.29	39.17
119	75.68	75.06	73.25	70.36	66.68	62.20	56.93	50.94	44.43	37.44
120	72.70	72.13	70.51	67.90	64.35	59.97	54.81	48.95	42.56	35.71
121	70.20	69.65	68.06	65.51	62.04	57.75	52.68	46.95	40.69	34.10
122	67.71	67.17	65.61	63.11	59.72	55.52	50.57	44.95	38.81	32.72
123	65.22	64.69	63.17	60.72	57.40	53.29	48.44	42.95	37.04	31.32
124	62.73	62.21	60.72	58.33	55.08	51.06	46.32	40.94	35.52	29.93
125	60.24	59.73	58.27	55.94	52.76	48.83	44.19	39.12	34.00	28.52
126	57.75	57.26	55.82	53.54	50.44	46.59	42.06	37.47	32.46	27.12
127	55.26	54.78	53.38	51.14	48.11	44.35	40.31	35.83	30.93	25.71
128	52.76	52.30	50.93	48.74	45.80	42.41	38.56	34.19	29.40	24.29
129	50.27	49.82	48.49	46.34	43.77	40.57	36.80	32.54	27.85	22.85
130	47.78	47.39	46.22	44.35	41.85	38.73	35.05	30.89	26.30	21.41
131	45.70	45.32	44.18	42.36	39.93	36.88	33.30	29.22	24.75	17.65
132	43.63	43.25	42.15	40.37	38.01	35.04	31.54	27.55	23.18	13.56
133	41.55	41.19	40.11	38.38	36.08	33.18	29.77	25.89	19.94	9.45
134	39.47	39.12	38.07	36.39	34.15	31.33	28.00	24.21	15.61	5.31
135	37.39	37.05	36.03	34.40	32.21	29.48	26.23	20.55	11.26	1.17
136	35.32	34.98	33.99	32.41	30.28	27.62	24.18	15.98	6.89	0.00
137	33.24	32.91	31.95	30.42	28.34	25.76	19.40	11.40	2.51	0.00
138	31.16	30.84	29.91	28.42	26.40	21.44	14.61	6.80	0.00	0.00
139	29.08	28.78	27.87	26.42	22.05	16.47	9.82	2.20	0.00	0.00
140	27.01	26.35	24.42	21.26	16.94	11.51	5.02	0.00	0.00	0.00
141	21.60	20.97	19.10	16.03	11.82	6.53	0.21	0.00	0.00	0.00
142	16.20	15.59	13.78	10.80	6.71	1.55	0.00	0.00	0.00	0.00
143	10.80	10.21	8.45	5.56	1.58	0.00	0.00	0.00	0.00	0.00
144	5.40	4.83	3.13	0.32	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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CANDELA TABULATION - (Cont.)

166	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Angles	Horizontal Angles									
	<u>50</u>	<u>55</u>	<u>60</u>	<u>65</u>	<u>70</u>	<u>75</u>	<u>80</u>	<u>85</u>	<u>90</u>	<u>95</u>
0	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28
1	1755.88	1756.06	1756.31	1756.57	1756.83	1757.17	1757.42	1757.68	1758.02	1757.77
2	1753.15	1753.49	1753.92	1754.43	1754.77	1755.20	1755.63	1756.14	1756.74	1756.31
3	1749.90	1750.33	1750.75	1751.18	1751.78	1752.29	1752.98	1753.75	1754.60	1753.92
4	1745.88	1746.31	1746.82	1747.51	1748.02	1748.87	1749.81	1750.93	1752.04	1751.10
5	1741.61	1741.95	1742.46	1743.14	1743.83	1744.68	1745.80	1747.08	1748.53	1747.42
6	1737.07	1737.16	1737.84	1738.19	1738.78	1739.81	1740.92	1742.29	1743.91	1742.63
7	1731.94	1731.86	1731.86	1732.46	1733.06	1734.17	1735.45	1736.99	1738.87	1737.42
8	1726.04	1725.87	1725.87	1726.22	1726.98	1727.93	1729.21	1731.00	1733.14	1731.43
9	1720.14	1719.72	1719.38	1719.46	1720.23	1721.09	1722.62	1724.68	1727.16	1725.19
10	1713.73	1712.79	1712.36	1712.28	1712.53	1713.56	1715.01	1717.07	1719.72	1717.67
11	1707.06	1705.61	1704.67	1704.16	1704.33	1705.01	1706.81	1708.94	1711.94	1709.63
12	1699.37	1697.83	1696.29	1695.52	1695.35	1696.03	1697.66	1699.80	1702.96	1700.56
13	1691.84	1689.19	1687.40	1686.46	1685.86	1686.29	1687.57	1689.88	1693.21	1690.65
14	1683.38	1680.30	1678.08	1676.45	1675.60	1675.68	1677.14	1679.53	1683.04	1680.30
15	1674.66	1671.24	1668.07	1665.85	1664.74	1664.65	1665.85	1668.33	1672.18	1669.27
16	1663.54	1661.40	1657.81	1654.99	1653.45	1653.11	1653.97	1656.70	1660.72	1657.64
17	1650.63	1651.31	1646.95	1643.62	1641.57	1640.97	1641.57	1644.22	1648.49	1645.24
18	1637.38	1637.98	1635.67	1631.73	1629.00	1627.97	1628.74	1631.05	1635.15	1632.08
19	1623.95	1623.87	1623.87	1619.34	1616.17	1614.63	1615.15	1617.46	1621.90	1618.57
20	1610.19	1609.50	1610.27	1606.34	1602.58	1600.70	1600.78	1603.26	1608.05	1604.37
21	1596.08	1594.71	1594.88	1592.92	1588.30	1586.16	1586.16	1588.21	1592.92	1589.41
22	1581.63	1579.66	1579.15	1578.98	1573.93	1571.03	1570.43	1572.99	1578.12	1574.19
23	1566.84	1564.19	1562.91	1564.02	1558.80	1555.21	1554.53	1556.75	1562.05	1558.12
24	1551.79	1548.37	1546.66	1546.92	1543.07	1539.05	1538.02	1540.08	1545.38	1541.44
25	1536.91	1532.47	1529.73	1528.96	1526.74	1522.21	1521.01	1522.98	1528.36	1524.43
26	1521.18	1516.05	1512.46	1511.00	1510.49	1505.28	1503.14	1505.28	1510.92	1506.90
27	1505.70	1499.29	1494.93	1492.96	1493.22	1487.49	1485.35	1486.81	1492.54	1488.43
28	1489.80	1482.19	1476.89	1474.07	1474.58	1469.54	1466.89	1467.91	1473.55	1469.71
29	1473.38	1465.52	1459.02	1455.26	1455.17	1450.73	1447.65	1448.76	1454.66	1450.47
30	1455.43	1447.73	1440.38	1436.10	1434.99	1431.74	1428.07	1429.09	1435.08	1430.89
31	1435.85	1430.20	1421.91	1416.35	1414.56	1412.25	1408.15	1409.09	1415.07	1410.97
32	1415.16	1412.33	1403.19	1396.60	1393.87	1392.67	1387.88	1388.56	1394.81	1390.53
33	1394.81	1392.50	1383.78	1376.17	1373.09	1372.49	1366.93	1367.62	1373.94	1369.67
34	1374.12	1371.12	1364.45	1355.99	1351.88	1351.80	1345.98	1346.07	1352.40	1348.21
35	1353.51	1349.15	1344.87	1335.47	1330.08	1329.91	1324.52	1324.27	1330.59	1326.49
36	1332.65	1327.43	1325.46	1314.86	1308.45	1307.42	1302.63	1302.04	1308.53	1304.26

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CANDELA TABULATION - (Cont.)

37	1311.87	1305.20	1302.55	1293.66	1286.30	1284.68	1280.49	1279.63	1286.05	1281.86
38	1290.66	1283.31	1279.72	1272.37	1264.07	1261.68	1258.00	1256.89	1263.30	1259.20
39	1269.89	1261.34	1256.38	1250.91	1241.67	1238.25	1235.00	1233.55	1239.96	1235.94
40	1248.43	1239.02	1232.95	1229.27	1219.01	1214.48	1212.17	1210.04	1216.28	1212.51
41	1227.39	1216.62	1209.52	1207.30	1196.10	1190.97	1188.75	1186.09	1192.85	1188.83
42	1206.02	1194.39	1185.92	1182.42	1173.10	1166.86	1165.06	1162.15	1168.31	1164.80
43	1182.16	1171.99	1162.41	1158.05	1149.76	1142.66	1141.21	1137.70	1144.45	1140.52
44	1158.39	1149.41	1138.64	1133.00	1126.50	1118.38	1117.26	1113.59	1119.74	1116.24
45	1134.71	1126.93	1114.96	1107.94	1103.16	1093.75	1092.64	1088.45	1094.61	1091.19
46	1111.02	1102.47	1091.27	1083.06	1079.73	1069.04	1067.59	1063.23	1069.81	1066.13
47	1087.42	1077.68	1067.59	1058.10	1055.45	1044.16	1041.94	1038.17	1044.33	1041.17
48	1063.91	1053.05	1043.73	1033.22	1029.03	1019.11	1015.86	1012.52	1019.02	1015.52
49	1040.31	1028.51	1020.05	1007.99	1002.86	994.23	990.04	986.96	992.94	990.12
50	1016.88	1003.80	994.40	982.77	976.53	969.00	963.87	960.97	967.04	964.39
51	993.46	979.35	968.66	957.89	950.19	943.69	937.62	934.97	940.70	938.22
52	970.03	954.72	942.92	932.66	923.77	918.56	911.29	908.47	914.45	911.72
53	945.66	930.36	917.44	907.61	897.44	893.16	884.53	882.22	888.12	885.72
54	919.67	906.24	891.96	882.30	871.36	867.77	858.02	855.80	861.35	859.30
55	893.76	882.22	866.57	855.88	844.85	841.38	831.46	828.92	834.44	832.45
56	867.85	857.51	841.23	829.17	818.66	813.73	804.58	802.05	807.31	805.85
57	842.13	830.69	816.27	802.91	792.27	786.11	777.78	775.27	779.87	778.96
58	816.61	804.05	791.27	776.30	766.21	758.34	751.15	748.05	752.84	751.76
59	791.11	777.55	766.84	750.21	740.22	730.81	724.06	720.71	725.00	724.56
60	766.02	751.24	739.68	724.09	713.31	703.29	697.28	693.38	697.86	697.45
61	741.02	725.21	712.56	698.55	685.77	675.94	670.25	666.04	669.98	670.17
62	715.80	699.34	685.51	672.86	658.55	648.60	643.32	638.51	641.81	642.52
63	689.37	673.63	658.64	647.46	631.69	621.10	616.31	610.82	614.14	615.35
64	663.48	648.06	632.16	620.35	604.91	594.05	589.55	583.13	586.40	587.40
65	637.69	622.07	605.63	592.65	578.20	567.17	561.73	554.68	558.23	559.22
66	612.00	595.71	579.85	565.20	552.08	540.28	533.26	526.52	529.74	531.12
67	586.87	569.86	553.95	538.30	526.03	512.35	504.70	498.58	502.03	503.13
68	561.72	544.15	527.56	511.50	500.03	484.77	476.20	470.23	473.62	475.06
69	536.94	518.58	501.42	485.15	472.04	457.46	448.24	442.45	445.69	447.21
70	512.14	493.29	475.57	459.06	444.54	430.73	420.37	414.47	417.46	419.40
71	487.30	468.63	450.06	433.06	417.65	404.16	392.79	386.52	389.44	391.65
72	462.76	444.06	424.81	407.06	390.92	378.34	365.77	359.15	361.45	364.24
73	438.29	419.31	400.08	381.52	364.89	352.55	338.97	332.02	333.80	337.20
74	414.17	395.03	375.72	356.45	339.17	325.37	312.17	304.96	306.36	310.34
75	390.35	371.06	351.50	331.91	313.87	298.61	285.44	278.53	279.18	284.28
76	366.74	347.28	327.67	307.68	288.93	272.72	259.17	252.46	252.49	258.30
77	343.88	323.88	304.23	284.32	264.62	247.65	233.47	225.56	224.50	231.47
78	323.99	300.88	281.25	261.25	240.81	223.25	208.99	199.12	198.96	205.64
79	304.32	280.76	258.43	238.82	217.81	199.64	184.33	173.51	173.88	180.46
80	284.88	261.69	237.45	216.72	196.22	177.02	160.31	149.09	149.43	156.63
81	265.73	242.91	219.19	195.35	175.43	155.45	137.68	125.72	125.84	134.08
82	246.74	224.40	201.09	177.03	155.22	135.09	116.36	103.09	103.48	112.52
83	227.92	206.15	183.48	160.03	135.91	116.14	96.73	82.76	82.13	92.43
84	211.60	188.09	166.15	143.52	120.33	98.23	79.22	64.22	62.76	74.61
85	198.12	173.96	149.28	127.38	105.27	82.46	63.52	47.34	44.90	57.31
86	184.79	161.10	137.04	112.76	90.75	69.55	49.39	33.11	29.79	42.62
87	171.61	148.42	125.03	101.62	78.43	57.33	38.27	22.40	17.50	31.64
88	158.56	135.91	113.24	90.74	68.62	47.64	29.11	14.25	8.66	23.33
89	145.62	123.53	101.63	80.06	59.11	39.60	22.39	8.99	4.15	17.97
90	132.79	111.27	90.17	69.57	49.85	31.89	16.70	5.83	3.28	14.50
91	124.82	103.91	83.44	63.56	44.68	27.75	13.83	4.59	0.00	12.85
92	116.93	96.64	76.81	57.67	39.65	23.76	11.41	4.01	0.00	11.67

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CANDELA TABULATION - (Cont.)

93	109.13	89.44	70.28	51.88	34.73	20.62	10.10	3.79	0.00	10.69
94	101.37	82.32	63.81	46.16	31.24	18.77	9.06	3.57	0.00	9.68
95	93.67	75.26	57.39	42.62	28.91	16.97	8.39	3.42	0.00	8.78
96	86.01	69.02	54.12	39.89	26.63	15.70	7.80	3.06	0.00	7.49
97	80.42	65.55	51.03	37.20	24.37	14.76	7.26	0.25	0.00	0.60
98	76.64	62.13	47.96	34.53	23.08	13.85	6.72	0.00	0.00	0.00
99	72.88	58.71	44.92	32.21	21.93	13.02	6.31	0.00	0.00	0.00
100	69.16	55.32	41.90	30.79	20.79	12.25	5.94	0.00	0.00	0.00
101	65.45	51.97	39.86	29.42	19.65	11.49	5.54	0.00	0.00	0.00
102	61.75	48.94	38.29	28.05	18.69	10.71	4.53	0.00	0.00	0.00
103	58.08	47.19	36.74	26.70	17.77	10.12	2.17	0.00	0.00	0.00
104	55.87	45.47	35.20	25.42	16.83	9.58	0.00	0.00	0.00	0.00
105	53.96	43.75	33.68	24.31	15.89	9.03	0.00	0.00	0.00	0.00
106	52.06	42.04	32.15	23.19	14.93	8.48	0.00	0.00	0.00	0.00
107	50.17	40.34	30.86	22.07	14.24	7.90	0.00	0.00	0.00	0.00
108	48.30	38.66	29.59	20.96	13.54	5.72	0.00	0.00	0.00	0.00
109	46.42	37.14	28.32	19.84	12.82	3.24	0.00	0.00	0.00	0.00
110	44.55	35.71	27.04	18.86	12.09	0.72	0.00	0.00	0.00	0.00
111	42.86	34.29	25.76	18.03	11.35	0.00	0.00	0.00	0.00	0.00
112	41.27	32.87	24.49	17.19	10.60	0.00	0.00	0.00	0.00	0.00
113	39.69	31.45	23.28	16.35	8.27	0.00	0.00	0.00	0.00	0.00
114	38.11	30.02	22.32	15.50	5.58	0.00	0.00	0.00	0.00	0.00
115	36.53	28.60	21.35	14.63	2.85	0.00	0.00	0.00	0.00	0.00
116	34.94	27.25	20.38	13.74	0.09	0.00	0.00	0.00	0.00	0.00
117	33.35	26.15	19.39	12.30	0.00	0.00	0.00	0.00	0.00	0.00
118	31.76	25.03	18.39	9.36	0.00	0.00	0.00	0.00	0.00	0.00
119	30.40	23.90	17.38	6.39	0.00	0.00	0.00	0.00	0.00	0.00
120	29.14	22.77	16.36	3.38	0.00	0.00	0.00	0.00	0.00	0.00
121	27.87	21.62	14.87	0.35	0.00	0.00	0.00	0.00	0.00	0.00
122	26.62	20.46	11.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	25.35	19.30	8.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00
124	24.08	18.13	5.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	22.80	15.43	1.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	21.51	11.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127	20.21	8.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128	17.54	4.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	13.73	1.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	9.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131	6.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	2.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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PHOTOMETRIC FILENAME : VANL-W-24-H-40.IES

CANDELA TABULATION - (Cont.)

149	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
166	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Angles **Horizontal Angles**

	<u>100</u>	<u>105</u>	<u>110</u>	<u>115</u>	<u>120</u>	<u>125</u>	<u>130</u>	<u>135</u>	<u>140</u>	<u>145</u>
0	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28
1	1757.51	1757.25	1757.08	1756.83	1756.65	1756.40	1756.31	1756.23	1756.14	1756.06
2	1755.88	1755.54	1755.20	1754.94	1754.60	1754.17	1753.92	1753.66	1753.58	1753.49
3	1753.32	1752.81	1752.38	1752.04	1751.70	1751.44	1751.10	1750.84	1750.67	1750.58
4	1750.24	1749.56	1748.87	1748.45	1748.10	1747.68	1747.51	1747.42	1747.42	1747.42
5	1746.39	1745.54	1744.94	1744.51	1744.09	1743.83	1743.66	1743.66	1743.66	1743.83
6	1741.61	1740.84	1740.15	1739.90	1739.72	1739.47	1739.55	1739.64	1739.81	1740.15
7	1736.22	1735.36	1734.59	1734.34	1734.25	1734.51	1734.94	1735.28	1735.79	1736.13
8	1730.15	1729.29	1728.78	1728.44	1728.52	1728.78	1729.46	1730.41	1731.35	1732.29
9	1723.65	1722.54	1722.20	1721.94	1722.37	1723.05	1723.82	1725.02	1726.56	1727.84
10	1716.21	1715.27	1714.84	1715.19	1715.44	1716.47	1717.92	1719.46	1721.17	1723.31
11	1708.09	1706.98	1706.81	1707.32	1708.26	1709.97	1711.42	1713.65	1715.87	1718.09
12	1699.03	1698.26	1698.26	1699.11	1700.39	1702.27	1704.75	1707.15	1710.23	1712.96
13	1689.19	1688.51	1688.94	1690.13	1692.01	1694.41	1697.32	1700.74	1703.81	1703.90
14	1678.76	1678.25	1678.93	1680.47	1682.95	1686.03	1689.62	1693.64	1693.55	1693.55
15	1667.56	1667.48	1668.16	1670.21	1673.37	1677.14	1681.50	1682.35	1682.35	1683.04
16	1656.02	1655.93	1657.30	1659.95	1663.20	1667.82	1670.64	1670.81	1671.41	1672.61
17	1643.62	1644.05	1645.50	1648.66	1652.85	1657.90	1658.16	1658.84	1660.04	1661.58
18	1630.79	1631.22	1633.10	1636.95	1641.91	1645.07	1645.16	1646.44	1648.41	1650.72
19	1617.37	1617.88	1620.45	1624.64	1630.62	1631.31	1632.59	1634.04	1636.69	1639.69

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

20	1603.09	1604.03	1607.11	1611.90	1616.94	1617.20	1618.91	1621.22	1624.55	1628.40
21	1588.56	1589.67	1593.17	1598.90	1601.81	1602.58	1604.97	1608.48	1612.41	1616.86
22	1572.91	1574.70	1579.24	1585.05	1586.42	1588.04	1591.04	1594.97	1600.01	1605.31
23	1557.26	1559.40	1563.85	1570.26	1570.51	1572.82	1576.76	1581.63	1587.62	1593.52
24	1540.76	1543.32	1548.63	1553.41	1554.61	1557.18	1562.14	1568.04	1574.45	1581.54
25	1524.09	1526.74	1532.64	1536.14	1537.77	1541.70	1547.26	1554.18	1561.37	1565.13
26	1506.22	1509.81	1516.56	1518.44	1521.01	1525.88	1532.12	1540.25	1546.06	1548.54
27	1488.52	1492.71	1499.80	1500.57	1503.74	1509.47	1517.08	1525.97	1528.70	1531.53
28	1470.39	1474.32	1481.42	1482.28	1486.12	1492.79	1501.60	1508.01	1511.18	1514.60
29	1451.24	1456.03	1462.01	1463.81	1468.51	1476.21	1485.87	1489.80	1493.39	1497.92
30	1431.74	1436.96	1442.09	1444.48	1450.38	1459.02	1467.91	1470.99	1475.52	1481.16
31	1411.91	1417.89	1421.65	1425.16	1432.17	1441.83	1448.16	1452.09	1457.31	1463.89
32	1391.73	1398.48	1401.30	1405.67	1413.62	1424.48	1428.15	1433.11	1439.44	1446.62
33	1371.12	1378.48	1380.78	1385.74	1394.81	1404.90	1408.15	1413.96	1421.40	1429.44
34	1350.26	1358.30	1359.67	1365.48	1375.57	1383.43	1387.88	1394.72	1403.10	1412.08
35	1328.80	1336.49	1338.37	1345.13	1356.42	1361.97	1367.70	1375.23	1384.63	1394.55
36	1307.17	1314.09	1316.74	1324.78	1336.92	1340.68	1347.10	1355.90	1366.08	1374.71
37	1284.94	1291.18	1294.85	1304.09	1314.43	1318.79	1326.58	1336.41	1347.87	1354.36
38	1262.36	1268.35	1272.79	1282.88	1291.78	1296.99	1305.80	1317.08	1326.49	1333.84
39	1239.79	1245.01	1250.48	1261.94	1268.95	1275.27	1285.02	1297.33	1305.03	1313.15
40	1217.05	1221.58	1227.91	1240.56	1245.52	1253.39	1263.99	1275.44	1283.65	1292.63
41	1193.96	1198.15	1205.50	1218.24	1222.43	1231.33	1243.30	1253.21	1262.19	1272.02
42	1170.19	1174.55	1182.67	1193.79	1199.09	1209.18	1222.43	1230.64	1240.82	1251.59
43	1146.59	1150.18	1159.59	1169.68	1175.83	1186.86	1198.92	1208.24	1219.44	1230.98
44	1122.57	1126.16	1136.59	1145.05	1152.41	1164.89	1175.75	1185.67	1197.98	1210.55
45	1098.28	1101.62	1113.25	1120.26	1129.15	1142.66	1152.24	1163.69	1176.52	1190.11
46	1073.23	1077.25	1090.16	1095.46	1105.55	1118.63	1128.72	1141.29	1155.31	1168.74
47	1047.84	1052.45	1066.39	1070.75	1082.21	1094.18	1105.38	1119.23	1134.11	1144.88
48	1021.84	1027.83	1039.71	1046.04	1058.52	1069.73	1082.12	1097.09	1111.62	1121.11
49	996.11	1002.95	1014.15	1020.99	1035.10	1045.27	1059.12	1075.03	1087.25	1097.43
50	970.20	977.90	987.98	996.28	1009.96	1021.07	1036.04	1052.62	1062.63	1073.91
51	943.95	952.76	961.74	971.40	984.48	997.05	1012.87	1027.32	1038.43	1050.32
52	917.79	927.88	935.57	946.69	958.91	972.85	990.04	1002.26	1014.15	1026.89
53	891.11	902.48	909.32	922.15	933.78	948.74	965.75	977.21	990.12	1003.55
54	864.86	877.26	883.59	896.84	908.30	924.80	939.85	952.16	966.01	980.20
55	838.36	851.31	857.25	870.50	883.50	901.37	914.02	927.45	942.07	956.78
56	811.58	823.80	831.15	844.11	858.45	876.23	888.46	902.82	917.96	932.75
57	785.08	796.26	805.03	818.21	833.78	850.03	862.98	878.28	894.36	907.87
58	758.39	768.75	778.90	791.94	809.11	823.57	837.39	853.72	869.39	883.16
59	731.49	741.31	753.45	765.95	784.95	797.11	812.24	829.39	844.07	858.53
60	704.67	714.14	726.50	740.02	758.01	771.11	787.26	804.20	819.14	833.93
61	678.01	686.71	699.34	714.76	731.06	745.06	762.39	778.43	794.08	809.34
62	651.01	659.30	672.37	689.49	704.03	719.29	737.39	752.87	769.26	785.04
63	624.21	632.46	645.67	664.53	677.34	694.09	711.14	727.76	744.45	760.80
64	597.72	605.43	619.01	637.02	650.85	668.68	685.37	702.64	720.03	736.62
65	570.00	578.74	592.73	609.74	624.53	642.65	659.77	677.47	695.41	712.35
66	541.77	551.96	566.66	582.43	598.79	616.40	634.18	652.75	671.07	687.64
67	513.33	524.12	541.12	555.41	573.02	590.57	609.02	628.25	646.55	663.30
68	485.19	496.78	515.17	528.89	546.92	564.96	584.24	603.71	621.82	638.83
69	457.03	469.62	487.29	502.62	520.71	539.57	559.50	578.85	597.35	614.47
70	429.32	443.09	459.80	476.33	494.84	514.58	534.83	554.14	572.87	590.39
71	401.97	416.74	432.76	450.67	469.46	489.82	510.15	529.66	548.62	566.34
72	375.02	391.05	406.22	424.57	444.56	465.15	485.53	505.51	524.56	542.37
73	348.24	365.56	380.29	399.08	419.66	440.57	461.10	481.41	500.57	518.56
74	321.58	338.26	354.62	374.02	395.48	416.29	437.18	457.42	476.76	496.45
75	295.01	311.68	329.25	349.50	371.18	392.35	413.29	433.75	454.74	475.57

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CANDELA TABULATION - (Cont.)

76	269.39	285.79	304.51	325.42	347.27	368.71	389.83	411.47	434.04	454.78
77	243.97	260.72	280.43	301.99	323.74	345.29	366.99	391.06	413.53	434.17
78	219.97	236.55	256.76	278.79	300.73	322.28	346.89	370.82	393.14	413.61
79	195.52	212.89	233.69	256.27	277.96	301.93	327.01	350.77	372.85	393.14
80	171.95	190.24	211.57	234.03	256.70	282.45	307.31	330.80	352.69	372.79
81	149.55	168.75	190.50	212.50	238.01	263.25	287.79	311.06	332.69	352.45
82	128.53	148.31	170.20	193.83	219.56	244.35	268.44	291.50	312.77	333.20
83	108.85	129.13	150.82	176.45	201.48	225.72	249.23	272.51	296.04	317.68
84	90.93	111.05	134.79	159.51	183.78	207.29	232.32	257.64	280.82	302.24
85	74.82	94.93	119.27	142.99	166.52	192.58	218.03	242.90	265.71	286.86
86	60.35	81.60	104.31	127.84	153.60	179.08	203.93	228.28	250.72	271.55
87	48.80	68.96	91.49	115.99	140.87	165.76	190.00	213.77	235.80	256.29
88	39.20	58.78	81.05	104.44	128.37	152.60	176.20	199.34	220.96	241.08
89	32.03	50.23	70.93	93.11	116.04	139.57	162.55	185.01	206.18	225.92
90	25.89	41.99	61.07	81.98	103.89	126.68	149.01	170.75	191.47	210.82
91	22.64	37.45	55.46	75.47	96.64	118.69	140.46	161.72	182.03	201.03
92	19.86	33.07	50.00	69.09	89.49	110.80	132.00	152.76	172.65	191.30
93	18.14	29.55	44.65	62.81	82.44	103.00	123.61	143.86	163.31	181.60
94	16.67	27.32	40.73	56.61	75.47	95.27	115.29	135.01	154.02	171.94
95	15.54	25.13	38.03	52.67	68.53	87.58	107.01	126.20	144.76	162.29
96	14.47	23.47	35.39	49.57	64.88	80.78	98.74	117.43	135.56	152.67
97	13.43	22.14	32.78	46.52	61.40	76.92	92.68	108.67	126.37	143.05
98	12.42	20.83	31.12	43.49	57.95	73.11	88.53	103.75	118.57	133.46
99	11.56	19.61	29.57	40.80	54.54	69.34	84.39	99.33	113.82	127.48
100	10.77	18.45	28.07	39.05	51.14	65.59	80.29	94.93	109.11	122.53
101	9.97	17.30	26.56	37.33	48.77	61.86	76.22	90.53	104.42	117.57
102	8.05	16.14	25.23	35.63	46.87	58.48	72.15	86.14	99.74	112.63
103	3.76	15.18	23.95	33.95	44.97	56.36	68.11	81.76	95.07	107.71
104	0.00	14.30	22.66	32.34	43.09	54.28	65.57	77.40	90.41	102.79
105	0.00	13.42	21.38	30.90	41.24	52.22	63.29	74.13	85.75	97.88
106	0.00	12.54	20.08	29.46	39.40	50.17	61.05	71.71	81.97	92.97
107	0.00	11.64	19.09	28.02	37.78	48.13	58.81	69.30	79.38	88.89
108	0.00	8.30	18.10	26.59	36.19	46.12	56.58	66.88	76.80	86.14
109	0.00	4.63	17.11	25.14	34.61	44.27	54.36	64.46	74.22	83.41
110	0.00	1.02	16.10	23.86	33.01	42.54	52.15	62.07	71.64	80.66
111	0.00	0.00	15.09	22.76	31.43	40.81	50.13	59.67	69.07	77.93
112	0.00	0.00	14.06	21.65	29.84	39.08	48.26	57.29	66.52	75.20
113	0.00	0.00	10.89	20.53	28.34	37.36	46.37	55.18	63.96	72.47
114	0.00	0.00	7.28	19.41	27.10	35.62	44.50	53.16	61.45	69.73
115	0.00	0.00	3.69	18.26	25.87	33.90	42.62	51.14	59.29	67.00
116	0.00	0.00	0.12	17.12	24.63	32.27	40.75	49.11	57.12	64.57
117	0.00	0.00	0.00	15.28	23.39	30.91	38.87	47.09	54.95	62.26
118	0.00	0.00	0.00	11.56	22.13	29.53	36.99	45.07	52.80	59.98
119	0.00	0.00	0.00	7.85	20.87	28.14	35.35	43.05	50.64	57.69
120	0.00	0.00	0.00	4.14	19.59	26.75	33.84	41.03	48.49	55.39
121	0.00	0.00	0.00	0.42	17.77	25.35	32.32	39.14	46.32	53.10
122	0.00	0.00	0.00	0.00	13.85	23.95	30.80	37.49	44.15	50.81
123	0.00	0.00	0.00	0.00	9.93	22.54	29.28	35.84	42.08	48.51
124	0.00	0.00	0.00	0.00	6.01	21.11	27.75	34.19	40.30	46.22
125	0.00	0.00	0.00	0.00	2.08	17.94	26.20	32.53	38.53	44.12
126	0.00	0.00	0.00	0.00	0.00	13.80	24.66	30.87	36.74	42.22
127	0.00	0.00	0.00	0.00	0.00	9.66	23.11	29.20	34.95	40.32
128	0.00	0.00	0.00	0.00	0.00	5.51	20.02	27.53	33.16	38.41
129	0.00	0.00	0.00	0.00	0.00	1.35	15.64	25.84	31.36	36.50
130	0.00	0.00	0.00	0.00	0.00	0.00	11.25	24.16	29.56	34.59
131	0.00	0.00	0.00	0.00	0.00	0.00	6.85	19.88	27.75	32.66

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CANDELA TABULATION - (Cont.)

132	0.00	0.00	0.00	0.00	0.00	0.00	2.44	15.25	25.94	30.75
133	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.61	22.28	28.82
134	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.96	17.42	26.88
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.31	12.55	22.79
136	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.68	17.71
137	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.79	12.62
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.53
139	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.43
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
166	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Horizontal Angles
Angles

	<u>150</u>	<u>155</u>	<u>160</u>	<u>165</u>	<u>170</u>	<u>175</u>	<u>180</u>	<u>185</u>	<u>190</u>	<u>195</u>
0	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28
1	1755.97	1755.80	1755.80	1755.88	1755.88	1755.71	1755.63	1755.63	1755.63	1755.71
2	1753.32	1753.06	1753.06	1753.06	1752.98	1753.15	1752.89	1752.98	1753.06	1753.15

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CANDELA TABULATION - (Cont.)

3	1750.33	1750.33	1750.33	1750.24	1750.33	1750.41	1750.24	1750.33	1750.41	1750.50
4	1747.33	1747.42	1747.33	1747.51	1747.51	1747.59	1747.51	1747.68	1747.76	1747.68
5	1744.17	1744.26	1744.51	1744.60	1744.68	1744.86	1744.86	1745.03	1745.03	1744.94
6	1740.58	1741.01	1741.35	1741.61	1741.95	1742.12	1742.20	1742.29	1742.20	1742.03
7	1736.82	1737.59	1738.19	1738.78	1739.13	1739.38	1739.47	1739.64	1739.55	1739.13
8	1732.88	1733.91	1734.77	1735.71	1736.05	1736.65	1736.82	1736.99	1736.65	1736.22
9	1729.21	1730.23	1731.60	1732.54	1733.31	1733.91	1734.08	1734.25	1733.91	1733.31
10	1725.19	1726.47	1727.93	1729.29	1730.49	1731.17	1731.43	1731.52	1731.00	1730.23
11	1720.74	1722.80	1722.37	1722.45	1722.71	1722.80	1722.88	1723.14	1723.22	1723.39
12	1713.73	1713.73	1713.30	1713.73	1714.07	1714.25	1714.42	1714.59	1714.59	1714.42
13	1703.81	1704.33	1704.58	1704.75	1705.27	1705.69	1705.95	1706.04	1705.95	1705.52
14	1693.98	1694.84	1695.43	1695.86	1696.55	1697.14	1697.40	1697.49	1697.23	1696.63
15	1684.15	1685.00	1686.29	1686.97	1687.65	1688.51	1688.94	1688.94	1688.51	1687.74
16	1673.97	1675.51	1677.14	1677.99	1679.10	1679.79	1680.39	1680.39	1679.79	1678.76
17	1663.63	1665.59	1667.73	1669.19	1670.38	1671.32	1671.92	1671.75	1670.90	1669.78
18	1653.37	1655.85	1658.41	1660.12	1661.66	1662.86	1663.46	1663.11	1662.09	1660.55
19	1642.59	1645.93	1648.75	1651.31	1652.94	1654.39	1654.91	1654.48	1653.28	1651.66
20	1632.08	1635.92	1639.34	1642.17	1644.13	1645.84	1646.44	1646.01	1644.65	1642.51
21	1621.22	1625.92	1629.60	1631.48	1631.82	1632.59	1632.76	1632.76	1632.33	1631.48
22	1610.62	1614.98	1616.00	1617.20	1617.97	1618.74	1619.08	1618.91	1618.40	1617.46
23	1598.65	1599.84	1601.55	1603.01	1604.03	1605.06	1605.40	1605.14	1604.37	1603.52
24	1582.91	1584.88	1587.02	1588.90	1590.18	1591.29	1591.81	1591.38	1590.61	1589.33
25	1567.27	1569.57	1572.40	1574.70	1576.33	1577.53	1578.12	1577.78	1577.01	1575.05
26	1551.19	1554.53	1557.77	1560.43	1562.39	1563.76	1564.44	1564.02	1562.99	1560.85
27	1535.46	1539.14	1542.90	1546.15	1548.46	1549.99	1550.76	1550.25	1549.05	1546.66
28	1519.38	1523.83	1528.02	1531.78	1534.60	1536.40	1537.17	1536.57	1535.20	1532.55
29	1503.14	1508.44	1513.14	1517.33	1520.75	1522.72	1523.49	1522.89	1521.27	1518.27
30	1486.98	1492.96	1498.44	1503.05	1506.64	1509.04	1509.81	1509.29	1507.41	1503.82
31	1470.56	1477.32	1483.56	1488.18	1490.31	1491.77	1492.19	1492.02	1491.08	1489.20
32	1454.32	1461.84	1466.97	1470.05	1472.44	1474.07	1474.58	1474.32	1473.04	1471.16
33	1437.90	1444.48	1448.50	1451.92	1454.57	1456.28	1456.88	1456.54	1455.00	1453.12
34	1420.46	1425.25	1429.86	1433.88	1436.70	1438.50	1439.27	1438.84	1437.30	1434.65
35	1400.88	1406.09	1411.22	1415.67	1418.92	1420.89	1421.65	1421.14	1419.35	1416.27
36	1380.96	1386.94	1392.75	1397.46	1401.05	1403.27	1404.04	1403.44	1401.39	1397.88
37	1361.03	1367.87	1374.12	1379.16	1383.09	1385.57	1386.43	1385.66	1383.52	1379.76
38	1341.11	1348.81	1355.48	1360.95	1365.22	1367.96	1368.73	1367.96	1365.56	1361.38
39	1321.53	1329.65	1336.92	1342.91	1347.27	1350.26	1351.11	1350.26	1347.61	1343.08
40	1301.61	1310.59	1318.45	1324.69	1329.31	1332.65	1333.50	1332.56	1329.57	1324.61
41	1282.03	1291.35	1299.98	1306.48	1309.47	1311.87	1312.55	1311.95	1309.73	1306.31
42	1262.11	1272.28	1280.66	1284.94	1288.27	1290.84	1291.52	1290.92	1288.61	1284.85
43	1242.44	1252.62	1258.60	1263.47	1266.98	1269.80	1270.57	1269.89	1267.58	1263.56
44	1222.78	1230.04	1236.63	1241.93	1245.95	1248.68	1249.54	1248.77	1246.12	1242.10
45	1200.12	1207.47	1214.48	1220.30	1224.74	1227.65	1228.59	1227.73	1224.91	1220.55
46	1177.03	1185.15	1192.68	1198.83	1203.54	1206.70	1207.64	1206.70	1203.79	1199.26
47	1154.03	1162.75	1170.70	1177.29	1182.33	1185.58	1186.61	1185.67	1182.67	1178.06
48	1131.12	1140.35	1148.90	1155.83	1161.13	1164.55	1165.66	1164.63	1161.56	1156.60
49	1108.03	1117.86	1127.01	1134.45	1139.92	1143.51	1144.63	1143.60	1140.44	1135.22
50	1085.03	1095.63	1105.04	1112.99	1118.63	1122.57	1123.68	1122.48	1119.32	1113.76
51	1062.12	1073.32	1083.23	1091.44	1096.23	1099.57	1100.51	1099.48	1096.74	1092.30
52	1039.54	1051.09	1061.00	1068.02	1072.97	1076.39	1077.33	1076.31	1073.40	1068.78
53	1016.71	1028.34	1037.23	1044.42	1049.63	1053.14	1054.16	1053.05	1050.06	1045.10
54	993.80	1004.32	1013.46	1020.90	1026.38	1029.97	1030.99	1029.88	1026.63	1021.42
55	969.26	980.29	989.78	997.39	1003.03	1006.71	1007.82	1006.62	1003.29	997.82
56	944.89	956.18	966.01	973.88	979.78	983.54	984.65	983.45	979.95	974.22
57	920.78	932.24	942.41	950.53	956.52	960.37	961.48	960.20	956.60	950.71
58	896.24	908.38	918.73	927.11	933.26	937.11	938.22	936.94	933.18	927.11

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CANDELA TABULATION - (Cont.)

59	872.13	884.44	895.13	903.68	910.09	913.94	915.05	913.77	909.83	903.51
60	847.90	860.76	871.70	880.34	886.83	890.77	891.88	890.51	886.49	879.91
61	823.87	837.00	848.16	856.91	863.24	867.17	868.28	867.00	862.98	856.40
62	799.88	813.29	824.46	833.13	839.49	843.48	844.67	843.36	839.27	832.63
63	776.01	789.25	800.42	809.19	815.77	819.84	821.06	819.72	815.62	808.85
64	751.80	764.93	776.36	785.34	792.05	796.20	797.43	796.09	791.96	785.09
65	727.36	740.71	752.35	761.58	768.38	772.56	773.82	772.47	768.31	761.37
66	703.06	716.62	728.41	737.78	744.71	748.91	750.20	748.83	744.67	737.63
67	678.77	692.62	704.49	714.00	721.05	725.27	726.59	725.22	721.03	713.91
68	654.62	668.62	680.60	690.27	697.32	701.61	702.96	701.61	697.33	690.24
69	630.50	644.67	656.73	666.58	673.60	677.96	679.35	678.00	673.66	666.59
70	606.45	620.77	632.95	642.90	649.89	654.31	655.73	654.39	649.98	642.95
71	582.53	596.94	609.18	620.15	628.05	632.99	634.58	633.04	628.11	620.19
72	558.83	573.89	587.71	599.00	606.94	611.83	613.41	611.86	606.93	598.97
73	536.39	552.83	566.65	577.85	585.84	590.69	592.26	590.69	585.76	577.78
74	515.35	531.74	545.64	556.73	564.75	569.55	571.10	569.52	564.59	556.61
75	494.37	510.80	524.59	535.64	543.63	548.41	549.95	548.35	543.41	535.43
76	473.49	489.91	503.60	514.57	522.52	527.29	528.78	527.19	522.26	514.27
77	452.72	469.03	482.65	493.52	501.41	506.16	507.63	506.02	501.11	493.14
78	432.02	448.21	461.71	472.48	480.32	485.02	486.47	484.86	479.98	472.02
79	411.39	427.41	440.83	451.45	459.24	463.90	465.31	463.70	458.85	450.92
80	390.83	406.68	419.97	430.45	438.18	442.76	444.15	442.53	437.72	429.83
81	370.35	386.35	401.06	412.66	421.22	426.33	427.90	426.10	420.78	412.05
82	353.03	370.37	384.98	396.52	405.00	410.07	411.64	409.87	404.59	395.95
83	337.26	354.43	368.94	380.38	388.78	393.81	395.37	393.64	388.41	379.85
84	321.58	338.57	352.90	364.24	372.57	377.56	379.12	377.40	372.23	363.77
85	305.96	322.72	336.91	348.12	356.36	361.31	362.86	361.17	356.06	347.71
86	290.39	306.90	320.92	332.01	340.16	345.05	346.59	344.94	339.89	331.66
87	274.87	291.12	304.95	315.90	323.96	328.80	330.33	328.72	323.73	315.62
88	259.37	275.37	289.01	299.80	307.77	312.56	314.08	312.50	307.58	299.59
89	243.93	259.64	273.08	283.72	291.58	296.31	297.81	296.27	291.43	283.58
90	228.51	243.94	257.17	267.63	275.40	280.06	281.55	280.05	275.28	267.56
91	218.42	233.61	246.62	256.94	264.58	269.18	270.65	269.15	264.45	256.84
92	208.35	223.31	236.11	246.27	253.77	258.30	259.74	258.25	253.64	246.13
93	198.32	213.02	225.59	235.59	242.96	247.41	248.83	247.36	242.81	235.41
94	188.31	202.75	215.09	224.92	232.16	236.53	237.92	236.47	231.99	224.72
95	178.32	192.50	204.61	214.25	221.36	225.64	227.01	225.58	221.18	214.02
96	168.35	182.27	194.13	203.60	210.56	214.76	216.10	214.69	210.36	203.33
97	158.40	172.04	183.65	192.95	199.76	203.88	205.19	203.80	199.55	192.65
98	148.47	161.82	173.18	182.29	188.97	193.00	194.28	192.91	188.74	181.97
99	140.04	151.62	162.71	171.65	178.18	182.12	183.38	182.02	177.93	171.30
100	134.86	145.85	155.15	162.66	168.13	171.42	172.47	171.32	167.88	162.30
101	129.69	140.47	149.61	156.98	162.36	165.60	166.64	165.52	162.14	156.67
102	124.52	135.09	144.07	151.31	156.60	159.79	160.81	159.71	156.40	151.04
103	119.34	129.72	138.55	145.65	150.83	153.96	154.97	153.90	150.66	145.41
104	114.18	124.35	133.02	139.98	145.06	148.14	149.14	148.09	144.93	139.79
105	109.02	118.98	127.48	134.31	139.30	142.33	143.31	142.28	139.19	134.16
106	103.88	113.62	121.95	128.64	133.54	136.51	137.49	136.47	133.46	128.54
107	98.73	108.26	116.42	122.97	127.78	130.69	131.66	130.67	127.72	122.92
108	94.72	102.92	110.88	117.31	122.01	124.87	125.83	124.85	121.99	117.30
109	91.82	99.30	105.65	111.64	116.25	119.05	119.99	119.05	116.25	111.68
110	88.92	96.28	102.51	107.51	111.18	113.41	114.16	113.41	111.20	107.55
111	86.04	93.25	99.37	104.29	107.89	110.08	110.81	110.08	107.90	104.32
112	83.15	90.22	96.23	101.06	104.60	106.74	107.46	106.74	104.60	101.09
113	80.27	87.20	93.10	97.83	101.30	103.41	104.12	103.41	101.30	97.86
114	77.39	84.18	89.97	94.61	98.01	100.07	100.77	100.07	97.99	94.63

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CANDELA TABULATION - (Cont.)

115	74.51	81.17	86.83	91.39	94.72	96.74	97.41	96.74	94.69	91.39
116	71.63	78.15	83.70	88.16	91.43	93.40	94.06	93.40	91.39	88.15
117	68.95	75.14	80.56	84.93	88.14	90.07	90.71	90.07	88.09	84.91
118	66.54	72.30	77.43	81.71	84.85	86.73	87.36	86.73	84.79	81.68
119	64.12	69.77	74.56	78.48	81.56	83.40	84.01	83.40	81.49	78.44
120	61.70	67.25	71.95	75.71	78.48	80.12	80.66	80.12	78.40	75.67
121	59.29	64.72	69.33	73.01	75.73	77.34	77.87	77.34	75.66	72.98
122	56.88	62.19	66.71	70.32	72.98	74.55	75.08	74.55	72.92	70.29
123	54.45	59.66	64.09	67.62	70.23	71.77	72.29	71.77	70.18	67.60
124	52.03	57.14	61.47	64.93	67.48	68.99	69.50	68.99	67.43	64.91
125	49.61	54.61	58.85	62.24	64.73	66.22	66.71	66.20	64.69	62.23
126	47.18	52.08	56.22	59.54	61.98	63.44	63.92	63.42	61.94	59.54
127	45.17	49.54	53.60	56.85	59.22	60.66	61.12	60.64	59.20	56.85
128	43.17	47.33	50.98	54.15	56.47	57.88	58.33	57.86	56.46	54.16
129	41.15	45.23	48.68	51.46	53.72	55.10	55.54	55.07	53.72	51.46
130	39.14	43.12	46.49	49.20	51.17	52.36	52.75	52.34	51.16	49.19
131	37.12	41.02	44.30	46.94	48.87	50.03	50.41	50.01	48.86	46.94
132	35.10	38.90	42.12	44.69	46.57	47.70	48.07	47.69	46.56	44.68
133	33.08	36.79	39.93	42.43	44.27	45.37	45.73	45.36	44.25	42.42
134	31.04	34.68	37.74	40.18	41.96	43.04	43.39	43.04	41.95	40.16
135	29.02	32.57	35.55	37.93	39.66	40.71	41.05	40.71	39.65	37.90
136	26.68	30.45	33.35	35.67	37.36	38.38	38.71	38.38	37.35	35.64
137	21.40	28.32	31.16	33.41	35.06	36.05	36.37	36.05	35.05	33.38
138	16.11	23.55	28.96	31.15	32.75	33.72	34.03	33.72	32.74	31.12
139	10.82	18.10	24.16	28.90	30.45	31.39	31.69	31.40	30.44	28.86
140	5.53	12.63	18.56	23.24	26.63	28.68	29.35	28.69	26.63	23.21
141	0.23	7.17	12.95	17.52	20.83	22.82	23.48	22.83	20.82	17.50
142	0.00	1.70	7.34	11.80	15.02	16.96	17.61	16.97	15.02	11.78
143	0.00	0.00	1.73	6.08	9.21	11.11	11.74	11.12	9.21	6.07
144	0.00	0.00	0.00	0.35	3.41	5.25	5.87	5.26	3.41	0.35
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
166	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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CANDELA TABULATION - (Cont.)

171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Angles	Horizontal Angles									
	<u>200</u>	<u>205</u>	<u>210</u>	<u>215</u>	<u>220</u>	<u>225</u>	<u>230</u>	<u>235</u>	<u>240</u>	<u>245</u>
0	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28
1	1755.80	1755.88	1755.97	1756.06	1756.23	1756.40	1756.57	1756.74	1756.83	1757.00
2	1753.23	1753.32	1753.41	1753.66	1753.75	1753.92	1754.09	1754.35	1754.52	1754.77
3	1750.50	1750.67	1750.67	1750.67	1750.84	1751.10	1751.27	1751.52	1751.87	1752.29
4	1747.68	1747.68	1747.68	1747.76	1747.76	1747.93	1747.85	1748.19	1748.62	1748.96
5	1744.77	1744.68	1744.51	1744.43	1744.26	1744.26	1744.51	1744.34	1744.60	1744.86
6	1741.78	1741.52	1741.01	1740.84	1740.67	1740.24	1739.98	1739.98	1740.15	1740.67
7	1738.78	1738.10	1737.59	1736.99	1736.39	1735.88	1735.71	1735.36	1735.36	1735.28
8	1735.62	1734.77	1733.83	1732.88	1732.12	1731.52	1730.75	1730.06	1729.72	1729.55
9	1732.20	1731.26	1729.89	1728.78	1727.50	1726.30	1725.27	1724.16	1723.56	1723.39
10	1728.87	1727.50	1725.96	1724.42	1722.62	1721.00	1719.20	1718.09	1716.98	1716.38
11	1723.39	1723.74	1721.85	1719.72	1717.49	1715.10	1713.22	1711.42	1709.80	1708.69
12	1714.33	1714.59	1714.93	1714.93	1711.77	1709.20	1706.38	1703.81	1701.93	1700.39
13	1705.27	1705.27	1705.35	1705.35	1706.12	1702.62	1699.37	1696.12	1693.72	1691.84
14	1696.29	1695.78	1695.43	1695.09	1695.43	1695.78	1691.67	1688.34	1685.17	1682.44
15	1686.97	1686.20	1685.26	1684.83	1684.40	1684.32	1684.15	1679.79	1675.51	1672.61
16	1677.56	1676.54	1675.17	1674.06	1673.20	1672.95	1673.37	1670.30	1666.02	1662.17
17	1668.42	1666.62	1665.00	1663.11	1661.66	1660.98	1660.55	1661.15	1655.85	1651.23
18	1658.92	1656.53	1654.48	1652.08	1650.20	1648.58	1647.89	1648.15	1644.82	1639.60
19	1649.35	1646.61	1643.71	1640.71	1638.23	1636.01	1634.73	1634.13	1633.70	1627.97
20	1639.69	1636.61	1632.93	1629.34	1626.01	1623.10	1621.05	1619.85	1620.53	1615.66
21	1629.94	1626.35	1621.90	1617.71	1613.69	1610.19	1607.20	1605.57	1605.57	1603.01
22	1616.26	1615.49	1610.96	1605.83	1601.04	1596.68	1593.09	1590.78	1590.18	1589.24
23	1601.89	1600.27	1598.73	1594.11	1588.56	1582.83	1578.55	1575.56	1574.02	1574.53
24	1587.53	1585.48	1583.34	1581.80	1575.39	1569.32	1563.93	1560.00	1557.69	1557.60
25	1573.08	1570.34	1567.78	1565.38	1562.31	1554.95	1548.88	1543.84	1541.02	1540.42
26	1558.46	1555.12	1552.05	1549.40	1546.75	1540.67	1533.49	1527.76	1524.09	1522.63
27	1543.75	1539.90	1536.48	1532.72	1529.47	1526.05	1517.93	1511.35	1506.56	1504.42
28	1529.05	1524.94	1520.50	1516.05	1512.03	1508.95	1502.20	1494.59	1489.03	1485.95
29	1514.25	1509.72	1504.51	1499.21	1494.50	1490.48	1486.29	1477.40	1470.90	1467.06
30	1499.72	1494.42	1488.69	1482.70	1476.80	1472.02	1468.60	1460.22	1452.52	1447.90
31	1485.18	1479.20	1472.70	1465.69	1459.19	1453.21	1448.93	1442.60	1433.97	1428.32
32	1468.42	1463.81	1456.54	1448.76	1441.41	1434.74	1429.61	1424.82	1415.16	1408.49
33	1449.78	1446.45	1440.29	1431.91	1423.54	1415.93	1409.51	1405.15	1395.92	1388.39
34	1431.15	1427.30	1423.02	1414.99	1405.67	1396.77	1389.51	1384.20	1376.59	1367.87
35	1412.42	1407.80	1403.19	1397.80	1387.71	1378.13	1369.41	1363.17	1357.10	1347.52
36	1393.52	1388.56	1383.01	1377.71	1369.58	1358.64	1349.23	1341.79	1337.35	1326.49
37	1374.80	1369.07	1362.83	1356.84	1351.54	1339.57	1329.06	1320.50	1315.12	1305.20
38	1355.99	1349.83	1342.91	1336.15	1329.65	1320.33	1308.71	1298.87	1292.37	1283.82
39	1337.35	1330.51	1322.90	1315.29	1308.19	1301.18	1288.27	1277.50	1269.72	1262.36
40	1318.54	1310.84	1302.72	1294.60	1286.05	1279.46	1267.84	1255.78	1246.89	1240.47
41	1299.73	1291.43	1282.54	1273.56	1264.41	1256.38	1247.23	1233.98	1224.06	1218.16

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CANDELA TABULATION - (Cont.)

42	1280.15	1272.11	1262.62	1252.79	1242.61	1233.80	1226.54	1212.26	1201.06	1194.05
43	1258.43	1252.19	1242.61	1231.58	1220.81	1210.80	1202.77	1190.54	1177.89	1169.93
44	1236.71	1229.87	1222.52	1210.80	1199.01	1188.15	1178.91	1168.82	1154.80	1145.57
45	1214.91	1207.64	1199.95	1189.86	1177.46	1165.32	1155.06	1147.02	1131.80	1121.20
46	1192.93	1185.50	1177.20	1168.22	1155.48	1142.57	1131.29	1122.57	1108.80	1096.57
47	1171.30	1163.35	1154.37	1144.63	1133.94	1119.83	1107.43	1097.68	1085.54	1072.29
48	1149.67	1141.12	1131.71	1121.28	1111.19	1097.17	1083.66	1072.80	1062.37	1048.01
49	1128.04	1118.89	1108.80	1097.86	1086.91	1074.68	1059.89	1047.84	1039.20	1023.47
50	1106.41	1096.74	1086.06	1074.43	1062.97	1051.68	1036.21	1022.96	1013.64	998.93
51	1084.69	1074.68	1063.40	1051.17	1038.86	1026.80	1012.61	998.33	987.56	974.30
52	1062.46	1052.88	1040.74	1028.09	1014.83	1001.92	989.27	973.53	961.65	950.11
53	1038.52	1030.22	1018.34	1005.00	990.98	977.21	964.73	948.91	935.66	925.48
54	1014.49	1005.77	995.77	982.00	967.21	952.59	939.16	924.46	910.01	900.86
55	990.46	981.40	970.88	959.08	943.52	928.05	913.77	900.17	884.44	873.67
56	966.52	957.29	946.26	934.89	920.01	903.85	888.37	875.04	858.53	846.73
57	942.67	933.01	921.55	909.83	896.67	879.65	863.32	848.82	833.18	819.87
58	918.81	908.72	897.10	884.53	871.44	855.71	838.18	822.65	807.85	793.00
59	894.96	884.61	872.47	859.47	845.72	831.60	813.35	796.86	782.68	766.46
60	871.10	860.50	847.89	834.32	820.23	806.00	788.79	771.17	756.39	739.94
61	847.37	836.41	823.45	809.39	794.67	779.91	764.26	745.51	729.45	713.81
62	823.50	812.45	799.15	784.54	769.17	754.01	739.15	720.20	702.97	687.72
63	799.72	788.44	774.93	759.97	744.12	728.13	712.51	695.22	676.63	662.02
64	775.82	764.28	750.68	735.48	719.09	702.37	686.08	670.44	650.68	634.81
65	751.93	740.19	726.38	710.96	694.31	677.08	660.02	644.00	624.94	607.70
66	728.12	716.22	702.17	686.51	669.56	651.70	634.15	617.22	599.50	581.02
67	704.34	692.30	678.14	662.12	644.80	626.52	608.17	590.69	574.53	554.28
68	680.53	668.41	654.11	637.91	620.33	601.66	582.65	564.48	547.61	528.33
69	656.76	644.61	630.09	613.83	596.09	576.92	557.59	538.54	520.94	502.60
70	633.12	620.85	606.23	589.91	571.97	552.63	532.43	512.66	494.34	477.12
71	609.49	597.19	582.59	566.06	547.92	528.33	508.04	487.36	468.31	451.10
72	587.92	574.12	558.91	542.33	523.98	504.37	483.77	462.51	442.51	424.35
73	566.72	552.84	536.49	518.70	500.35	480.54	459.75	438.11	417.13	398.04
74	545.55	531.67	515.29	496.57	476.78	456.92	436.06	414.18	392.22	372.23
75	524.39	510.53	494.15	475.40	454.75	433.58	412.46	390.61	368.17	346.98
76	503.27	489.42	473.07	454.34	433.76	411.28	389.26	367.36	344.76	322.17
77	482.17	468.34	452.07	433.43	412.86	390.49	366.77	344.46	321.88	298.58
78	461.09	447.33	431.16	412.63	392.18	370.01	346.29	321.76	299.22	275.73
79	440.05	426.40	410.34	391.91	371.65	349.62	326.06	301.24	277.01	253.46
80	419.07	405.51	389.60	371.28	351.25	329.40	305.95	281.53	256.03	231.76
81	400.15	385.05	368.92	350.68	330.96	309.35	286.28	262.14	237.01	210.61
82	384.19	369.22	351.60	331.26	310.73	289.47	266.75	242.95	218.38	191.90
83	368.21	353.43	335.88	315.83	294.01	270.24	247.44	224.05	199.99	174.50
84	352.25	337.68	320.22	300.47	278.90	255.42	230.54	205.38	181.98	157.49
85	336.33	321.95	304.61	285.17	263.91	240.77	216.35	190.69	164.46	140.89
86	320.42	306.27	289.06	269.94	249.03	226.33	202.35	177.29	151.72	125.77
87	304.54	290.62	273.55	254.77	234.22	211.99	188.51	164.07	139.22	114.16
88	288.67	275.00	258.09	239.66	219.49	197.73	174.78	151.01	126.95	102.83
89	272.83	259.42	242.67	224.60	204.82	183.56	161.18	138.11	114.87	91.78
90	257.01	243.86	227.30	209.58	190.22	169.46	147.68	125.35	102.96	80.94
91	246.44	233.47	217.25	199.83	180.81	160.45	139.15	117.38	95.63	74.39
92	235.87	223.09	207.23	190.12	171.46	151.51	130.70	109.50	88.42	67.98
93	225.32	212.74	197.25	180.45	162.16	142.63	122.32	101.72	81.30	61.67
94	214.78	202.41	187.29	170.81	152.89	133.79	114.00	94.00	74.25	55.44
95	204.26	192.09	177.35	161.21	143.66	125.01	105.73	86.33	67.27	51.62
96	193.74	181.79	167.44	151.62	134.47	116.25	97.50	79.58	63.79	48.69
97	183.23	171.50	157.54	142.06	125.30	107.55	91.53	75.89	60.49	45.81

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CANDELA TABULATION - (Cont.)

98	172.73	161.22	147.65	132.53	117.55	102.76	87.53	72.24	57.23	42.94
99	162.22	150.95	139.28	126.63	112.96	98.46	83.55	68.63	54.02	40.38
100	154.69	145.24	134.18	121.77	108.37	94.18	79.60	65.03	50.79	38.59
101	149.21	139.94	129.09	116.94	103.80	89.92	75.69	61.44	48.41	36.83
102	143.72	134.64	124.00	112.11	99.24	85.68	71.77	58.18	46.47	35.08
103	138.25	129.35	118.93	107.29	94.70	81.44	67.87	56.04	44.55	33.37
104	132.77	124.06	113.86	102.48	90.18	77.22	65.31	53.93	42.63	31.73
105	127.30	118.77	108.79	97.67	85.64	73.99	63.01	51.84	40.72	30.33
106	121.82	113.50	103.73	92.87	81.91	71.54	60.74	49.75	38.83	28.93
107	116.35	108.22	98.67	88.88	79.29	69.09	58.47	47.68	37.25	27.54
108	110.88	102.94	94.69	86.11	76.67	66.65	56.21	45.62	35.71	26.14
109	105.68	99.31	91.80	83.34	74.07	64.22	53.97	43.80	34.16	24.76
110	102.53	96.27	88.89	80.58	71.47	61.80	51.72	42.10	32.62	23.49
111	99.39	93.23	85.99	77.82	68.88	59.38	49.73	40.40	31.09	22.36
112	96.24	90.20	83.08	75.07	66.29	56.96	47.89	38.72	29.55	21.24
113	93.10	87.16	80.19	72.32	63.70	54.87	46.04	37.04	28.09	20.11
114	89.96	84.13	77.29	69.58	61.18	52.89	44.21	35.35	26.82	18.98
115	86.80	81.10	74.39	66.83	59.04	50.89	42.37	33.65	25.57	17.83
116	83.66	78.07	71.49	64.41	56.90	48.90	40.52	32.05	24.29	16.68
117	80.51	75.03	68.81	62.13	54.77	46.90	38.69	30.66	23.02	14.85
118	77.36	72.20	66.41	59.84	52.62	44.91	36.84	29.27	21.75	11.25
119	74.49	69.68	63.99	57.56	50.48	42.92	35.20	27.87	20.47	7.64
120	71.89	67.16	61.59	55.28	48.35	40.91	33.68	26.47	19.17	4.03
121	69.29	64.65	59.18	53.00	46.20	39.02	32.15	25.05	17.34	0.41
122	66.68	62.14	56.78	50.72	44.04	37.36	30.61	23.63	13.53	0.00
123	64.07	59.61	54.37	48.44	41.99	35.69	29.07	22.21	9.72	0.00
124	61.46	57.09	51.96	46.15	40.20	34.01	27.52	20.78	5.88	0.00
125	58.85	54.58	49.56	44.05	38.41	32.34	25.96	17.66	2.04	0.00
126	56.23	52.06	47.14	42.14	36.61	30.66	24.40	13.60	0.00	0.00
127	53.61	49.54	45.12	40.22	34.81	28.98	22.82	9.52	0.00	0.00
128	51.00	47.33	43.10	38.31	33.00	27.29	19.76	5.43	0.00	0.00
129	48.69	45.21	41.08	36.39	31.20	25.60	15.44	1.33	0.00	0.00
130	46.49	43.10	39.06	34.46	29.38	23.89	11.10	0.00	0.00	0.00
131	44.30	40.98	37.03	32.54	27.56	19.67	6.76	0.00	0.00	0.00
132	42.10	38.86	34.99	30.60	25.74	15.09	2.41	0.00	0.00	0.00
133	39.90	36.74	32.97	28.67	22.11	10.51	0.00	0.00	0.00	0.00
134	37.71	34.61	30.93	26.73	17.29	5.91	0.00	0.00	0.00	0.00
135	35.51	32.49	28.90	22.66	12.46	1.30	0.00	0.00	0.00	0.00
136	33.30	30.36	26.55	17.61	7.62	0.00	0.00	0.00	0.00	0.00
137	31.10	28.23	21.30	12.55	2.77	0.00	0.00	0.00	0.00	0.00
138	28.89	23.47	16.04	7.49	0.00	0.00	0.00	0.00	0.00	0.00
139	24.10	18.04	10.78	2.42	0.00	0.00	0.00	0.00	0.00	0.00
140	18.52	12.60	5.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	12.93	7.15	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142	7.33	1.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143	1.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

154	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
166	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Horizontal Angles

	<u>250</u>	<u>255</u>	<u>260</u>	<u>265</u>	<u>270</u>	<u>275</u>	<u>280</u>	<u>285</u>	<u>290</u>	<u>295</u>
0	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28
1	1757.17	1757.42	1757.59	1757.85	1758.02	1757.77	1757.51	1757.25	1757.00	1756.74
2	1755.20	1755.63	1756.06	1756.48	1756.91	1756.31	1755.80	1755.29	1754.69	1754.26
3	1752.72	1753.06	1753.58	1754.17	1754.77	1754.00	1753.23	1752.64	1752.04	1751.44
4	1749.73	1750.24	1750.84	1751.52	1752.38	1751.35	1750.41	1749.56	1748.79	1747.85
5	1745.28	1745.97	1746.74	1747.68	1748.79	1747.42	1746.22	1745.20	1744.26	1743.49
6	1741.01	1741.43	1742.38	1743.57	1744.86	1743.23	1741.78	1740.49	1739.64	1739.04
7	1735.71	1736.13	1737.16	1738.44	1739.98	1738.01	1736.30	1734.94	1734.08	1733.31
8	1729.55	1730.23	1731.17	1732.54	1734.25	1732.12	1730.32	1728.87	1727.84	1727.33
9	1723.31	1723.56	1724.51	1726.13	1728.01	1725.62	1723.48	1722.11	1721.43	1720.91
10	1715.96	1716.30	1716.98	1718.43	1720.49	1717.92	1715.96	1714.76	1713.82	1713.73
11	1708.00	1708.00	1708.69	1710.23	1712.36	1709.63	1707.58	1706.38	1705.78	1705.87
12	1699.54	1699.45	1700.14	1701.51	1703.73	1700.82	1698.77	1697.57	1697.06	1697.40
13	1690.65	1690.05	1690.30	1691.67	1694.07	1690.99	1688.94	1687.91	1687.82	1688.42
14	1680.56	1679.79	1680.21	1681.50	1683.98	1680.81	1678.68	1677.65	1677.65	1678.85
15	1670.38	1669.19	1669.36	1670.38	1672.86	1669.61	1667.73	1666.62	1667.22	1668.67
16	1659.35	1657.90	1657.90	1659.01	1661.66	1658.24	1656.36	1655.50	1656.10	1657.81
17	1647.98	1646.10	1645.67	1646.70	1649.35	1645.84	1643.88	1643.53	1644.56	1646.95
18	1636.01	1633.53	1633.02	1634.04	1636.87	1633.10	1631.14	1630.79	1632.25	1635.24
19	1623.61	1620.71	1619.51	1620.45	1623.27	1619.34	1617.46	1617.71	1619.68	1623.10
20	1610.44	1606.94	1605.40	1605.83	1608.82	1604.80	1603.18	1603.60	1606.08	1610.53
21	1596.68	1592.40	1590.95	1591.29	1594.20	1590.18	1588.64	1589.07	1592.06	1597.28
22	1582.57	1577.78	1575.47	1575.82	1578.89	1574.62	1573.17	1574.28	1577.87	1583.25
23	1567.86	1562.73	1560.00	1560.00	1562.99	1558.72	1557.52	1559.06	1562.99	1568.46
24	1552.90	1546.75	1543.50	1543.41	1546.40	1542.04	1540.93	1542.90	1547.94	1551.53

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CANDELA TABULATION - (Cont.)

25	1537.25	1530.41	1526.74	1526.14	1529.13	1524.69	1524.00	1526.22	1531.70	1534.09
26	1521.18	1513.57	1509.29	1508.35	1511.35	1506.99	1506.56	1509.21	1515.28	1515.62
27	1504.68	1496.21	1491.42	1490.40	1493.22	1488.95	1488.43	1492.11	1498.52	1497.24
28	1486.04	1478.68	1473.04	1471.76	1474.67	1470.22	1470.22	1474.07	1480.31	1478.43
29	1466.63	1460.56	1454.49	1452.61	1455.43	1451.15	1451.41	1455.77	1460.47	1459.70
30	1446.88	1441.92	1435.25	1433.20	1435.85	1431.49	1432.09	1437.22	1440.38	1440.12
31	1426.44	1423.02	1415.50	1413.19	1416.27	1411.48	1412.08	1417.81	1420.03	1420.37
32	1405.84	1403.53	1395.75	1392.84	1395.41	1391.13	1392.07	1398.23	1398.91	1400.45
33	1384.89	1383.69	1375.06	1371.72	1374.37	1369.93	1371.38	1378.39	1377.88	1380.10
34	1363.51	1363.51	1354.02	1350.60	1353.08	1348.64	1350.35	1358.13	1356.50	1359.24
35	1341.88	1341.79	1332.90	1328.71	1331.28	1326.83	1329.14	1335.98	1334.78	1338.55
36	1320.08	1319.31	1311.53	1306.82	1308.96	1304.94	1307.51	1313.49	1312.55	1317.26
37	1298.02	1296.39	1289.38	1284.34	1286.47	1282.37	1285.53	1290.66	1290.24	1295.88
38	1275.79	1273.31	1267.32	1261.34	1263.30	1259.37	1263.22	1267.41	1268.01	1274.42
39	1252.96	1249.96	1244.49	1238.51	1240.22	1236.46	1240.39	1243.89	1245.18	1252.53
40	1230.21	1226.20	1221.83	1214.99	1216.53	1212.86	1217.56	1219.70	1222.09	1230.73
41	1207.30	1202.25	1198.92	1191.31	1192.76	1189.17	1194.47	1195.93	1199.01	1208.07
42	1183.96	1178.23	1175.24	1167.20	1168.40	1165.06	1170.79	1171.64	1175.75	1183.79
43	1160.70	1153.69	1151.72	1143.34	1144.45	1140.86	1147.36	1147.02	1152.06	1159.33
44	1137.02	1129.32	1128.04	1118.72	1119.57	1116.32	1123.34	1122.39	1128.21	1134.96
45	1113.33	1104.70	1104.01	1093.92	1094.44	1091.44	1099.14	1097.60	1104.27	1110.34
46	1089.90	1079.64	1078.53	1069.13	1069.81	1066.65	1073.91	1072.38	1080.50	1085.63
47	1065.36	1054.51	1053.05	1043.82	1043.65	1041.34	1048.26	1047.15	1055.62	1060.83
48	1039.71	1029.54	1026.97	1018.17	1018.17	1015.69	1021.76	1021.84	1029.88	1036.21
49	1014.23	1004.14	1000.55	992.60	991.92	990.21	995.34	996.36	1003.80	1011.67
50	987.98	978.58	974.22	966.87	965.75	964.04	969.00	970.80	977.72	986.79
51	962.16	953.10	947.54	940.70	939.76	937.97	942.16	945.32	951.82	962.16
52	936.34	927.36	920.95	914.62	913.34	911.72	915.39	919.33	925.91	937.79
53	910.43	901.54	894.10	888.37	886.83	885.47	888.54	893.33	899.92	913.00
54	884.53	875.98	867.51	861.87	859.56	858.88	861.61	867.43	873.75	888.03
55	858.70	849.83	840.46	835.29	832.84	832.34	834.47	841.24	847.74	860.67
56	833.15	822.62	813.32	808.52	805.57	805.48	807.39	813.58	821.97	833.55
57	807.42	795.35	786.14	781.37	778.55	778.35	780.09	786.22	796.26	806.41
58	781.95	768.17	758.76	754.58	750.56	751.38	752.67	759.13	770.66	779.63
59	756.49	740.99	731.57	727.38	723.45	724.17	725.27	731.85	744.93	752.76
60	729.38	713.79	704.36	700.11	695.32	696.77	697.76	704.78	717.79	726.41
61	701.44	686.95	676.99	673.11	667.81	669.47	670.42	677.52	689.57	699.88
62	673.72	660.22	649.54	645.52	639.64	641.63	642.96	650.52	661.77	673.70
63	646.08	633.32	622.33	618.03	611.66	614.28	615.41	623.53	634.28	647.59
64	618.95	606.92	595.01	590.37	583.51	586.51	587.89	596.98	606.74	620.61
65	591.81	580.41	567.21	561.74	555.37	557.92	560.07	570.20	579.52	593.37
66	564.98	553.84	539.09	533.09	527.20	529.13	531.92	543.61	552.64	566.43
67	538.41	525.29	511.09	504.37	499.01	500.36	503.62	515.17	526.05	539.80
68	511.94	497.04	483.15	475.75	470.06	471.79	475.91	486.78	499.36	513.58
69	484.51	469.21	455.42	447.15	442.16	443.15	447.98	458.96	471.88	487.61
70	457.51	441.66	428.10	419.04	414.13	414.64	420.55	431.29	444.79	462.15
71	431.05	414.66	401.21	390.82	385.64	386.65	393.48	404.27	418.26	436.06
72	405.12	387.80	374.63	362.62	357.79	358.39	366.88	377.43	392.27	409.22
73	379.84	361.57	348.60	334.79	329.82	330.49	340.64	351.11	366.80	383.13
74	354.98	334.88	321.13	307.62	302.26	303.18	313.15	324.15	341.82	357.35
75	328.40	309.12	293.69	280.83	274.89	276.17	285.70	298.45	315.41	332.05
76	302.95	283.93	267.09	254.12	247.81	249.55	259.12	273.19	290.10	307.27
77	278.01	259.53	241.41	227.96	221.36	223.38	233.27	248.39	265.15	283.66
78	253.81	235.21	216.69	202.23	195.70	197.36	208.20	223.85	240.90	260.94
79	230.48	210.72	192.17	177.71	170.48	172.54	183.68	199.74	217.63	238.83
80	208.80	187.65	168.94	153.97	145.98	148.59	160.02	176.75	196.22	217.18

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CANDELA TABULATION - (Cont.)

81	187.95	165.62	147.00	131.79	122.70	125.86	137.81	154.84	175.42	196.07
82	167.93	145.40	126.26	110.22	100.14	103.80	116.87	134.62	155.45	177.62
83	148.74	126.77	106.28	89.57	79.61	82.76	96.93	116.10	136.45	160.52
84	132.53	109.11	87.79	71.12	60.62	63.68	78.53	98.53	120.58	143.72
85	116.88	93.24	72.17	55.20	43.86	47.31	63.12	82.94	105.24	127.30
86	101.83	79.69	58.53	41.75	29.31	33.64	49.65	69.73	90.50	112.52
87	89.12	66.81	47.10	30.05	17.57	22.27	38.52	57.16	78.14	101.61
88	79.14	56.84	37.41	22.27	9.09	14.62	28.98	47.50	68.64	90.95
89	69.47	48.78	30.63	16.94	4.33	9.32	22.45	39.76	59.43	80.51
90	60.05	41.08	25.06	13.94	3.57	6.32	17.06	32.35	50.46	70.27
91	54.42	36.52	21.86	12.32	0.00	4.95	14.08	28.08	45.14	64.09
92	48.94	32.14	19.15	11.24	0.00	4.41	11.63	23.98	39.96	58.04
93	43.57	28.69	17.58	10.16	0.00	4.02	10.42	20.81	34.89	52.09
94	39.76	26.62	16.20	9.14	0.00	3.75	9.41	19.05	31.37	46.22
95	37.23	24.60	15.01	8.26	0.00	3.54	8.66	17.33	29.16	42.70
96	34.78	22.97	13.90	7.01	0.00	3.12	7.99	16.03	27.01	40.06
97	32.34	21.58	12.89	0.56	0.00	0.26	7.46	15.01	24.87	37.45
98	30.64	20.21	11.89	0.00	0.00	0.00	6.91	13.99	23.50	34.88
99	29.06	18.96	11.03	0.00	0.00	0.00	6.47	13.10	22.23	32.61
100	27.50	17.83	10.22	0.00	0.00	0.00	6.05	12.35	20.99	31.13
101	25.97	16.71	9.41	0.00	0.00	0.00	5.60	11.60	19.76	29.67
102	24.62	15.58	7.57	0.00	0.00	0.00	4.54	10.85	18.78	28.23
103	23.37	14.65	3.55	0.00	0.00	0.00	2.17	10.26	17.84	26.81
104	22.12	13.77	0.00	0.00	0.00	0.00	0.00	9.69	16.92	25.48
105	20.86	12.88	0.00	0.00	0.00	0.00	0.00	9.11	15.99	24.38
106	19.61	11.98	0.00	0.00	0.00	0.00	0.00	8.49	15.04	23.29
107	18.61	11.07	0.00	0.00	0.00	0.00	0.00	7.84	14.33	22.22
108	17.61	7.89	0.00	0.00	0.00	0.00	0.00	5.64	13.59	21.14
109	16.60	4.40	0.00	0.00	0.00	0.00	0.00	3.19	12.84	20.06
110	15.58	0.97	0.00	0.00	0.00	0.00	0.00	0.71	12.06	19.06
111	14.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.28	18.20
112	13.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.49	17.32
113	10.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.19	16.43
114	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.52	15.55
115	3.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.83	14.65
116	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	13.73
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.28
118	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.35
119	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.38
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.38
121	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35
122	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
124	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

137	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
166	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Angles Horizontal Angles

	<u>300</u>	<u>305</u>	<u>310</u>	<u>315</u>	<u>320</u>	<u>325</u>	<u>330</u>	<u>335</u>	<u>340</u>	<u>345</u>
0	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28	1758.28
1	1756.48	1756.31	1756.14	1755.88	1755.71	1755.54	1755.37	1755.29	1755.20	1755.12
2	1753.83	1753.58	1753.23	1752.98	1752.72	1752.55	1752.29	1752.12	1752.04	1751.87
3	1750.84	1750.33	1749.99	1749.73	1749.30	1749.04	1748.87	1748.79	1748.62	1748.62
4	1747.33	1746.74	1746.22	1746.05	1745.71	1745.54	1745.37	1745.20	1745.20	1745.11
5	1743.14	1742.63	1742.38	1742.03	1741.78	1741.69	1741.61	1741.69	1741.61	1741.69
6	1738.19	1737.93	1737.50	1737.76	1737.67	1737.76	1737.76	1737.93	1738.10	1738.10
7	1733.06	1732.71	1732.80	1732.88	1733.06	1733.40	1733.74	1734.08	1734.42	1734.68

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CANDELA TABULATION - (Cont.)

8	1727.07	1726.98	1727.41	1727.67	1728.18	1728.78	1729.46	1730.15	1730.66	1731.17
9	1720.66	1720.91	1721.34	1722.11	1723.14	1724.08	1725.19	1725.87	1726.81	1727.58
10	1713.82	1714.42	1715.01	1716.30	1717.58	1719.12	1720.57	1722.28	1722.88	1723.91
11	1706.38	1707.40	1708.86	1710.06	1711.94	1713.82	1715.61	1717.49	1716.72	1716.47
12	1698.34	1699.71	1701.59	1703.98	1705.87	1708.26	1708.26	1707.75	1707.49	1707.06
13	1689.79	1691.76	1694.15	1696.89	1699.80	1698.68	1698.00	1697.66	1697.83	1697.66
14	1680.73	1683.29	1686.46	1689.71	1688.59	1687.82	1687.57	1687.74	1688.17	1688.17
15	1671.15	1674.32	1678.08	1678.08	1677.31	1677.14	1677.22	1677.48	1678.08	1678.59
16	1660.98	1664.91	1666.88	1666.02	1665.68	1665.94	1666.36	1667.30	1668.16	1669.19
17	1650.37	1655.08	1654.14	1653.54	1653.97	1654.65	1655.85	1656.96	1658.24	1659.61
18	1639.60	1641.65	1640.80	1640.97	1641.74	1643.19	1644.65	1646.53	1648.15	1649.86
19	1628.14	1627.72	1627.03	1627.89	1629.26	1631.48	1633.70	1635.84	1638.06	1640.29
20	1614.55	1613.10	1613.27	1614.63	1616.86	1619.34	1622.50	1625.15	1628.06	1630.11
21	1599.16	1598.39	1599.16	1601.04	1604.03	1607.37	1611.21	1614.38	1617.88	1618.82
22	1583.34	1583.17	1584.45	1587.27	1590.86	1595.05	1599.50	1603.18	1603.78	1604.46
23	1566.84	1567.61	1569.75	1573.17	1577.70	1582.83	1586.76	1587.96	1588.90	1589.67
24	1550.42	1551.79	1554.61	1558.80	1564.27	1570.09	1571.11	1572.57	1573.76	1575.13
25	1533.32	1535.37	1539.48	1544.35	1550.42	1553.16	1554.87	1557.09	1558.80	1560.60
26	1516.31	1519.04	1523.83	1529.64	1534.52	1536.57	1538.88	1541.44	1543.75	1546.06
27	1498.35	1502.11	1507.76	1514.94	1517.08	1519.73	1522.72	1525.80	1528.79	1531.27
28	1480.31	1485.10	1491.77	1497.67	1499.38	1502.54	1506.47	1510.15	1513.83	1516.73
29	1461.93	1467.57	1475.18	1478.60	1481.59	1485.53	1489.97	1494.50	1498.69	1501.94
30	1443.63	1449.87	1457.22	1459.70	1463.72	1468.34	1473.55	1478.86	1483.56	1487.32
31	1424.65	1432.09	1437.30	1440.64	1445.85	1451.41	1457.39	1463.04	1468.42	1472.02
32	1405.49	1413.96	1417.29	1421.83	1427.55	1433.97	1440.98	1447.22	1451.41	1453.55
33	1386.34	1393.95	1397.03	1402.67	1409.26	1416.78	1424.22	1429.61	1432.43	1434.99
34	1366.51	1372.75	1377.02	1383.35	1391.04	1399.25	1406.69	1409.86	1413.28	1416.27
35	1346.58	1351.46	1356.50	1363.85	1372.40	1381.98	1386.17	1390.28	1394.29	1397.63
36	1326.58	1329.91	1336.24	1344.45	1354.19	1361.55	1365.91	1370.52	1375.06	1379.07
37	1304.26	1308.19	1315.63	1324.69	1335.90	1340.26	1345.56	1351.03	1355.90	1360.43
38	1281.26	1286.56	1294.94	1305.29	1314.01	1319.05	1325.12	1331.28	1336.92	1341.62
39	1258.26	1264.76	1274.25	1286.05	1291.78	1297.93	1304.60	1311.53	1317.77	1322.98
40	1235.34	1242.87	1253.47	1264.07	1269.63	1276.64	1284.34	1291.69	1298.70	1304.26
41	1212.17	1221.07	1232.86	1240.56	1247.57	1255.52	1263.99	1271.94	1279.55	1285.53
42	1189.09	1198.75	1212.09	1217.56	1225.43	1234.49	1243.30	1252.36	1259.54	1263.47
43	1165.83	1176.69	1187.89	1194.56	1203.45	1213.03	1223.12	1231.92	1237.40	1241.84
44	1142.57	1154.71	1163.69	1171.56	1181.39	1191.99	1202.77	1209.27	1215.34	1220.21
45	1119.23	1132.57	1139.50	1148.64	1159.33	1170.96	1179.77	1186.69	1193.28	1198.41
46	1095.89	1108.20	1115.21	1125.56	1137.19	1148.99	1156.68	1164.29	1171.22	1176.77
47	1072.46	1082.98	1091.27	1102.47	1115.21	1125.22	1133.51	1141.97	1149.24	1155.14
48	1049.20	1057.84	1067.16	1079.56	1092.30	1101.62	1110.60	1119.40	1127.27	1133.42
49	1025.69	1032.70	1043.22	1056.56	1067.93	1077.85	1087.68	1097.00	1105.29	1111.79
50	999.70	1007.74	1019.45	1033.47	1043.56	1054.25	1064.85	1074.60	1083.23	1090.16
51	973.62	982.85	995.68	1008.33	1019.36	1030.74	1041.85	1052.37	1061.26	1068.53
52	947.63	957.89	971.82	983.54	995.00	1007.31	1019.02	1030.05	1038.86	1044.76
53	921.46	932.92	947.20	958.57	971.05	983.97	996.36	1007.14	1014.58	1020.90
54	895.39	908.30	921.46	933.60	947.11	960.71	973.96	982.68	990.46	997.05
55	869.56	883.59	895.90	908.89	923.00	937.28	948.82	957.97	966.35	973.19
56	843.76	858.79	870.42	884.36	899.32	913.00	923.94	933.60	942.24	949.34
57	818.25	832.40	844.98	859.82	875.63	887.78	898.89	909.24	918.13	925.57
58	792.77	805.90	819.73	835.64	850.43	862.47	874.09	884.78	894.02	901.71
59	767.34	779.91	794.79	811.60	824.48	837.16	849.33	860.50	870.08	877.94
60	740.78	753.90	769.83	785.76	798.90	812.05	824.61	836.13	846.14	854.22
61	713.64	728.25	745.11	759.62	773.36	787.01	799.95	811.87	822.19	830.50
62	687.11	702.70	720.00	733.60	747.70	762.03	775.51	787.71	798.13	806.54
63	660.60	677.55	693.33	707.65	722.44	737.28	751.01	763.51	774.06	782.62

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CANDELA TABULATION - (Cont.)

64	634.52	652.52	666.78	681.82	697.29	712.58	726.64	739.21	750.04	758.67
65	608.76	626.02	640.60	656.22	672.28	687.90	702.21	714.93	726.01	734.73
66	583.14	599.23	614.54	630.81	647.33	663.30	677.87	690.79	701.98	710.78
67	557.98	572.62	588.74	605.52	622.60	638.77	653.63	666.73	677.95	686.84
68	531.25	546.32	563.07	580.57	597.90	614.46	629.48	642.72	653.99	663.01
69	504.35	520.35	537.82	555.90	573.66	590.27	605.44	618.76	630.08	639.23
70	477.77	494.50	512.88	531.37	549.42	566.26	581.55	594.96	606.25	615.41
71	451.59	469.17	488.14	507.07	525.35	542.25	557.66	571.11	582.44	592.58
72	425.83	444.16	463.87	483.11	501.33	518.37	533.83	547.94	560.98	571.45
73	400.45	419.89	439.88	459.18	477.55	494.53	511.34	526.81	539.87	550.33
74	375.18	395.91	416.09	435.51	453.88	472.45	490.29	505.77	518.81	529.23
75	351.64	372.29	392.49	412.00	431.90	451.52	469.32	484.76	497.76	508.17
76	328.21	348.91	369.18	389.77	411.23	430.69	448.42	463.80	476.76	487.13
77	305.21	325.97	346.58	369.24	390.48	409.99	427.57	442.89	455.81	466.11
78	282.71	303.27	326.50	348.99	370.02	389.38	406.81	422.05	434.88	445.09
79	260.53	283.04	306.58	328.87	349.65	368.85	386.13	401.26	413.98	424.11
80	239.47	263.70	286.79	308.89	329.44	348.41	365.52	380.50	393.09	403.14
81	220.68	244.59	267.37	289.08	309.39	328.04	345.00	360.18	374.43	385.83
82	202.31	225.76	248.08	269.44	289.41	308.92	328.14	344.85	358.96	370.36
83	184.36	207.18	228.99	250.45	273.23	294.08	313.07	329.58	343.49	354.90
84	166.85	188.87	212.53	236.34	258.78	279.31	298.05	314.35	328.05	339.45
85	149.77	174.72	199.02	222.37	244.42	264.63	283.07	299.16	312.62	324.01
86	137.63	161.92	185.66	208.52	230.15	250.03	268.16	284.00	297.22	308.59
87	125.71	149.29	172.45	194.78	215.97	235.47	253.29	268.87	281.84	293.18
88	114.00	136.84	159.37	181.14	201.86	220.99	238.46	253.77	266.49	277.77
89	102.47	124.54	146.41	167.59	187.83	206.55	223.68	238.70	251.15	262.38
90	91.10	112.37	133.53	154.14	173.86	192.16	208.93	223.65	235.83	246.99
91	84.20	104.84	125.49	145.65	164.99	182.98	199.47	213.97	225.99	236.89
92	77.40	97.40	117.52	137.24	156.17	173.84	190.04	204.31	216.18	226.80
93	70.70	90.05	109.62	128.88	147.40	164.72	180.64	194.67	206.38	216.72
94	64.06	82.77	101.78	120.58	138.67	155.65	171.27	185.05	196.59	206.63
95	57.49	75.54	93.99	112.31	129.97	146.60	161.92	175.44	186.81	196.56
96	54.30	69.20	86.24	104.08	121.32	137.58	152.59	165.85	177.03	186.49
97	51.29	65.82	80.65	95.87	112.70	128.59	143.27	156.26	167.26	176.43
98	48.31	62.48	76.95	91.41	105.41	119.62	133.96	146.69	157.49	166.36
99	45.36	59.13	73.28	87.41	101.10	114.09	126.08	137.12	147.71	156.32
100	42.43	55.83	69.61	83.41	96.83	109.54	121.29	131.76	140.67	147.85
101	40.35	52.56	65.99	79.45	92.57	105.01	116.50	126.77	135.52	142.57
102	38.70	49.57	62.37	75.50	88.32	100.49	111.75	121.81	130.37	137.28
103	37.09	47.75	58.73	71.55	84.08	95.98	107.00	116.84	125.22	132.00
104	35.47	45.94	56.46	67.62	79.84	91.46	102.24	111.87	120.08	126.72
105	33.87	44.15	54.48	64.70	75.62	86.95	97.50	106.91	114.94	121.43
106	32.27	42.36	52.52	62.56	72.20	82.44	92.75	101.95	109.81	116.16
107	31.00	40.59	50.57	60.42	69.90	78.76	88.02	96.99	104.67	110.87
108	29.75	38.82	48.62	58.30	67.60	76.32	84.37	92.04	99.54	105.60
109	28.51	37.29	46.68	56.18	65.31	73.89	81.78	88.75	94.68	100.31
110	27.27	35.88	44.76	54.07	63.04	71.45	79.20	86.06	91.88	96.54
111	26.03	34.49	43.06	51.97	60.76	69.03	76.64	83.36	89.08	93.66
112	24.80	33.09	41.51	49.87	58.50	66.60	74.06	80.66	86.28	90.77
113	23.60	31.69	39.95	48.08	56.23	64.18	71.49	77.96	83.49	87.89
114	22.59	30.31	38.40	46.37	54.00	61.77	68.92	75.27	80.69	85.01
115	21.58	28.90	36.85	44.66	52.15	59.34	66.36	72.59	77.89	82.13
116	20.56	27.57	35.29	42.96	50.29	57.22	63.79	69.90	75.09	79.24
117	19.54	26.43	33.72	41.24	48.44	55.23	61.42	67.21	72.30	76.36
118	18.50	25.28	32.15	39.53	46.58	53.24	59.31	64.70	69.51	73.48
119	17.45	24.12	30.77	37.81	44.73	51.25	57.20	62.47	66.96	70.60

IES INDOOR REPORT
PHOTOMETRIC FILENAME : VANL-W-24-H-40.IES

CANDELA TABULATION - (Cont.)

120	16.41	22.95	29.48	36.08	42.88	49.27	55.08	60.25	64.64	68.13
121	14.89	21.77	28.18	34.45	41.01	47.27	52.97	58.03	62.32	65.74
122	11.65	20.58	26.89	33.03	39.14	45.27	50.85	55.80	60.01	63.35
123	8.39	19.39	25.58	31.59	37.36	43.28	48.73	53.57	57.70	60.96
124	5.10	18.19	24.26	30.16	35.81	41.26	46.61	51.34	55.38	58.56
125	1.77	15.48	22.94	28.72	34.25	39.43	44.48	49.11	53.06	56.17
126	0.00	11.94	21.61	27.27	32.70	37.76	42.35	46.89	50.74	53.78
127	0.00	8.38	20.26	25.82	31.14	36.09	40.58	44.66	48.42	51.38
128	0.00	4.79	17.57	24.37	29.57	34.42	38.81	42.71	46.10	48.99
129	0.00	1.17	13.74	22.91	28.00	32.74	37.04	40.85	44.06	46.59
130	0.00	0.00	9.90	21.44	26.43	31.06	35.27	38.99	42.11	44.58
131	0.00	0.00	6.04	17.68	24.85	29.38	33.49	37.12	40.18	42.58
132	0.00	0.00	2.15	13.58	23.26	27.70	31.70	35.25	38.23	40.58
133	0.00	0.00	0.00	9.46	20.01	26.01	29.92	33.38	36.28	38.58
134	0.00	0.00	0.00	5.32	15.66	24.31	28.13	31.50	34.33	36.57
135	0.00	0.00	0.00	1.17	11.30	20.62	26.34	29.62	32.38	34.57
136	0.00	0.00	0.00	0.00	6.92	16.04	24.27	27.75	30.43	32.57
137	0.00	0.00	0.00	0.00	2.52	11.44	19.48	25.87	28.48	30.56
138	0.00	0.00	0.00	0.00	0.00	6.83	14.67	21.53	26.53	28.55
139	0.00	0.00	0.00	0.00	0.00	2.21	9.86	16.55	22.15	26.56
140	0.00	0.00	0.00	0.00	0.00	0.00	5.04	11.56	17.02	21.36
141	0.00	0.00	0.00	0.00	0.00	0.00	0.21	6.56	11.88	16.10
142	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.56	6.74	10.85
143	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.59	5.59
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
166	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : VANL-W-24-H-40.IES

CANDELA TABULATION - (Cont.)

176	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Horizontal Angles

	350	355	360
0	1758.28	1758.28	1758.28
1	1755.03	1755.03	1754.94
2	1751.70	1751.70	1751.70
3	1748.45	1748.36	1748.36
4	1745.11	1744.94	1745.03
5	1741.78	1741.69	1741.69
6	1738.27	1738.36	1738.44
7	1734.94	1735.02	1735.11
8	1731.52	1731.69	1731.77
9	1727.84	1728.35	1728.44
10	1724.51	1724.93	1725.10
11	1716.21	1715.96	1715.96
12	1706.89	1706.72	1706.81
13	1697.74	1697.57	1697.66
14	1688.25	1688.34	1688.51
15	1679.02	1679.10	1679.36
16	1669.61	1669.87	1670.13
17	1660.29	1660.63	1660.98
18	1650.97	1651.49	1651.83
19	1641.65	1642.25	1642.68
20	1632.25	1633.19	1633.53
21	1619.42	1619.42	1619.42
22	1605.06	1605.23	1605.31
23	1590.69	1591.04	1591.29
24	1576.33	1576.84	1577.18
25	1562.14	1562.73	1563.16
26	1547.77	1548.63	1549.05
27	1533.32	1534.52	1534.95
28	1518.96	1520.41	1520.92
29	1504.68	1506.30	1506.82
30	1490.40	1492.11	1492.79
31	1473.47	1474.32	1474.67
32	1455.09	1456.20	1456.54
33	1436.79	1438.07	1438.50
34	1418.58	1419.94	1420.37
35	1400.11	1401.73	1402.25
36	1381.72	1383.61	1384.12
37	1363.51	1365.39	1366.08
38	1345.30	1347.18	1347.95
39	1327.00	1329.06	1329.82
40	1308.62	1310.84	1311.78
41	1288.44	1289.89	1290.49
42	1266.98	1268.60	1269.20
43	1245.52	1247.23	1247.91
44	1223.97	1226.02	1226.62
45	1202.51	1204.73	1205.33
46	1181.14	1183.44	1184.04

IES INDOOR REPORT
PHOTOMETRIC FILENAME : VANL-W-24-H-40.IES

CANDELA TABULATION - (Cont.)

47	1159.59	1162.07	1162.75
48	1138.13	1140.78	1141.46
49	1116.67	1119.40	1120.17
50	1095.29	1098.11	1098.88
51	1072.55	1074.86	1075.45
52	1048.95	1051.43	1052.03
53	1025.35	1028.00	1028.68
54	1001.66	1004.57	1005.26
55	978.07	981.06	981.83
56	954.47	957.55	958.40
57	930.95	934.12	935.06
58	907.36	910.69	911.63
59	883.84	887.18	888.20
60	860.24	863.75	864.78
61	836.44	840.00	841.01
62	812.53	816.18	817.20
63	788.67	792.34	793.40
64	764.81	768.50	769.59
65	740.97	744.67	745.80
66	717.13	720.85	721.99
67	693.28	697.03	698.19
68	669.45	673.23	674.39
69	645.64	649.43	650.58
70	621.84	625.62	626.78
71	599.97	604.36	605.71
72	578.86	583.28	584.63
73	557.77	562.21	563.57
74	536.68	541.14	542.50
75	515.62	520.09	521.42
76	494.57	499.03	500.35
77	473.53	477.97	479.28
78	452.50	456.91	458.21
79	431.46	435.85	437.14
80	410.40	414.79	416.07
81	394.01	398.97	400.44
82	378.44	383.36	384.82
83	362.87	367.75	369.20
84	347.33	352.14	353.58
85	331.79	336.53	337.96
86	316.26	320.93	322.34
87	300.74	305.32	306.72
88	285.22	289.71	291.09
89	269.71	274.10	275.47
90	254.20	258.50	259.85
91	244.01	248.26	249.60
92	233.82	238.01	239.34
93	223.63	227.77	229.08
94	213.45	217.54	218.83
95	203.27	207.29	208.57
96	193.09	197.05	198.31
97	182.91	186.81	188.05
98	172.73	176.57	177.79
99	162.56	166.33	167.53
100	153.09	156.27	157.28
101	147.71	150.82	151.81
102	142.31	145.36	146.34

IES INDOOR REPORT
PHOTOMETRIC FILENAME : VANL-W-24-H-40.IES

CANDELA TABULATION - (Cont.)

103	136.92	139.92	140.87
104	131.54	134.46	135.39
105	126.15	129.02	129.92
106	120.76	123.56	124.45
107	115.38	118.11	118.98
108	109.99	112.66	113.50
109	104.60	107.21	108.03
110	99.90	101.93	102.57
111	96.95	98.95	99.58
112	94.01	95.98	96.59
113	91.07	92.99	93.61
114	88.13	90.03	90.62
115	85.19	87.05	87.63
116	82.25	84.08	84.64
117	79.31	81.10	81.66
118	76.37	78.13	78.67
119	73.43	75.16	75.68
120	70.68	72.23	72.70
121	68.23	69.75	70.20
122	65.78	67.26	67.71
123	63.34	64.78	65.22
124	60.89	62.30	62.73
125	58.45	59.82	60.24
126	56.00	57.34	57.75
127	53.55	54.85	55.26
128	51.10	52.37	52.76
129	48.65	49.89	50.27
130	46.38	47.45	47.78
131	44.33	45.38	45.70
132	42.28	43.31	43.63
133	40.24	41.24	41.55
134	38.20	39.18	39.47
135	36.16	37.11	37.39
136	34.12	35.04	35.32
137	32.07	32.97	33.24
138	30.03	30.91	31.16
139	27.98	28.84	29.08
140	24.51	26.41	27.01
141	19.17	21.02	21.60
142	13.83	15.63	16.20
143	8.48	10.24	10.80
144	3.14	4.84	5.40
145	0.00	0.00	0.00
146	0.00	0.00	0.00
147	0.00	0.00	0.00
148	0.00	0.00	0.00
149	0.00	0.00	0.00
150	0.00	0.00	0.00
151	0.00	0.00	0.00
152	0.00	0.00	0.00
153	0.00	0.00	0.00
154	0.00	0.00	0.00
155	0.00	0.00	0.00
156	0.00	0.00	0.00
157	0.00	0.00	0.00
158	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : VANL-W-24-H-40.IES

CANDELA TABULATION - (Cont.)

159	0.00	0.00	0.00
160	0.00	0.00	0.00
161	0.00	0.00	0.00
162	0.00	0.00	0.00
163	0.00	0.00	0.00
164	0.00	0.00	0.00
165	0.00	0.00	0.00
166	0.00	0.00	0.00
167	0.00	0.00	0.00
168	0.00	0.00	0.00
169	0.00	0.00	0.00
170	0.00	0.00	0.00
171	0.00	0.00	0.00
172	0.00	0.00	0.00
173	0.00	0.00	0.00
174	0.00	0.00	0.00
175	0.00	0.00	0.00
176	0.00	0.00	0.00
177	0.00	0.00	0.00
178	0.00	0.00	0.00
179	0.00	0.00	0.00
180	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : VANL-W-24-H-40.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	638.88	N.A.	11.50
0-30	1352.47	N.A.	24.40
0-40	2209.91	N.A.	39.90
0-60	3920.83	N.A.	70.70
0-80	5017.91	N.A.	90.50
0-90	5259.33	N.A.	94.90
10-90	5093.61	N.A.	91.90
20-40	1571.03	N.A.	28.30
20-50	2462.91	N.A.	44.40
40-70	2367.18	N.A.	42.70
60-80	1097.07	N.A.	19.80
70-80	440.82	N.A.	8.00
80-90	241.42	N.A.	4.40
90-110	200.45	N.A.	3.60
90-120	246.17	N.A.	4.40
90-130	272.39	N.A.	4.90
90-150	284.67	N.A.	5.10
90-180	284.67	N.A.	5.10
110-180	84.22	N.A.	1.50
0-180	5544.00	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	165.71
10-20	473.16
20-30	713.59
30-40	857.44
40-50	891.88
50-60	819.05
60-70	656.26
70-80	440.82
80-90	241.42
90-100	126.63
100-110	73.81
110-120	45.72
120-130	26.21
130-140	11.32
140-150	0.97
150-160	0.00
160-170	0.00
170-180	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : VANL-W-24-H-40.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	118	118	118	118	114	114	114	114	108	108	108	103	103	103	97	97	97	95
1	106	101	96	92	103	98	94	90	93	89	86	88	85	83	84	81	79	77
2	96	87	80	74	93	85	78	73	81	75	70	77	72	68	73	69	66	63
3	88	77	68	61	85	75	67	60	71	64	59	67	62	57	64	59	55	53
4	80	68	59	52	77	66	57	51	63	55	50	60	54	48	57	52	47	45
5	74	60	51	44	71	59	50	44	56	49	43	54	47	42	51	46	41	39
6	68	54	45	39	66	53	44	38	51	43	37	48	42	37	46	41	36	34
7	63	49	40	34	61	48	40	34	46	39	33	44	37	32	42	36	32	30
8	59	45	36	30	57	44	36	30	42	35	29	40	34	29	39	33	29	27
9	55	41	33	27	53	40	32	27	39	32	27	37	31	26	36	30	26	24
10	51	38	30	25	50	37	30	24	36	29	24	35	28	24	33	28	23	22

IES INDOOR REPORT
PHOTOMETRIC FILENAME : VANL-W-24-H-40.IES

UGR TABLE - CORRECTED

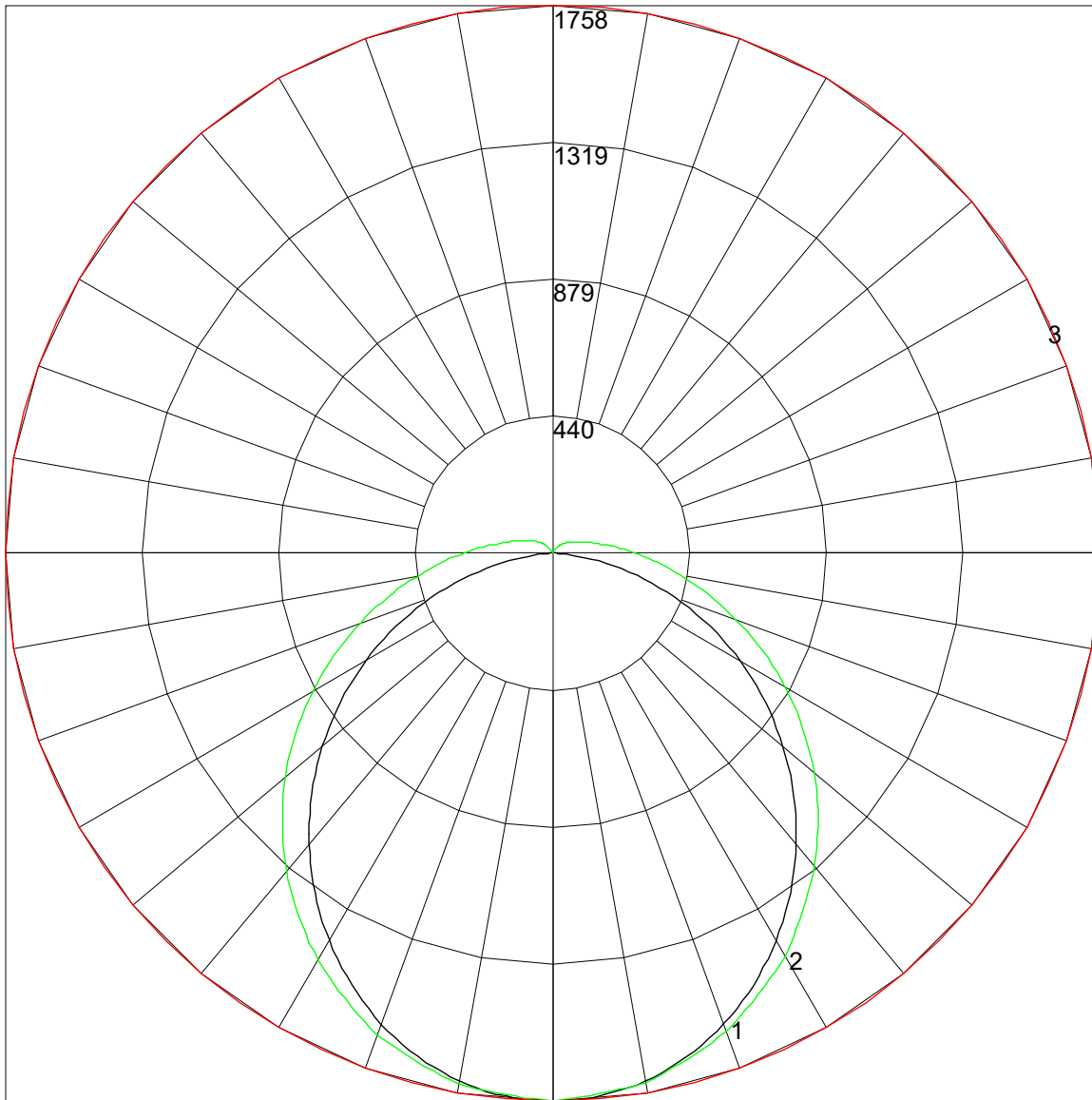
Reflectances

Ceiling Cavity	70	70	50	50	30	70	70	50	50	30
Walls	50	30	50	30	30	50	30	50	30	30
Floor Cavity	20	20	20	20	20	20	20	20	20	20

Room Size		UGR Viewed Crosswise					UGR Viewed Endwise				
X=2H	Y=2H	19.5	21.1	20.0	21.5	21.9	18.8	20.3	19.2	20.8	21.2
	3H	21.6	23.0	22.1	23.5	23.9	20.4	21.8	20.9	22.3	22.7
	4H	22.5	23.9	23.0	24.3	24.8	20.9	22.3	21.4	22.7	23.2
	6H	23.4	24.6	23.9	25.1	25.6	21.3	22.5	21.8	23.0	23.5
	8H	23.8	25.0	24.3	25.5	26.0	21.3	22.5	21.8	23.0	23.5
	12H	24.2	25.3	24.7	25.8	26.3	21.4	22.5	21.9	23.0	23.5
4H	2H	20.1	21.4	20.5	21.9	22.4	19.5	20.8	20.0	21.3	21.8
	3H	22.4	23.5	22.9	24.0	24.5	21.4	22.5	21.8	23.0	23.5
	4H	23.5	24.5	24.0	25.0	25.6	22.0	23.1	22.5	23.6	24.1
	6H	24.5	25.4	25.0	26.0	26.5	22.5	23.4	23.0	23.9	24.5
	8H	25.0	25.9	25.5	26.4	27.0	22.6	23.4	23.1	24.0	24.6
	12H	25.5	26.3	26.0	26.8	27.4	22.6	23.4	23.2	24.0	24.6
8H	4H	23.7	24.6	24.3	25.1	25.7	22.5	23.4	23.0	23.9	24.5
	6H	25.0	25.7	25.5	26.3	26.8	23.1	23.9	23.7	24.4	25.0
	8H	25.6	26.2	26.2	26.8	27.4	23.3	24.0	23.9	24.6	25.2
	12H	26.2	26.8	26.8	27.4	28.1	23.4	24.0	24.0	24.6	25.3
12H	4H	23.7	24.5	24.3	25.1	25.7	22.6	23.4	23.2	24.0	24.5
	6H	25.0	25.7	25.6	26.2	26.9	23.3	24.0	23.9	24.5	25.2
	8H	25.7	26.3	26.3	26.9	27.5	23.6	24.2	24.2	24.7	25.4

Maximum UGR = 28.1

POLAR GRAPH



Maximum Candela = 1758.28 Located At Horizontal Angle = 0, Vertical Angle = 0

1 - Vertical Plane Through Horizontal Angles (90 - 270)

2 - Vertical Plane Through Horizontal Angles (0 - 180)

3 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)