

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P946352

Luminaire Tested: **GALN-SB2A-740-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P946352  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GALN-SB2A-740-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(2) 70 CRI, 4000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

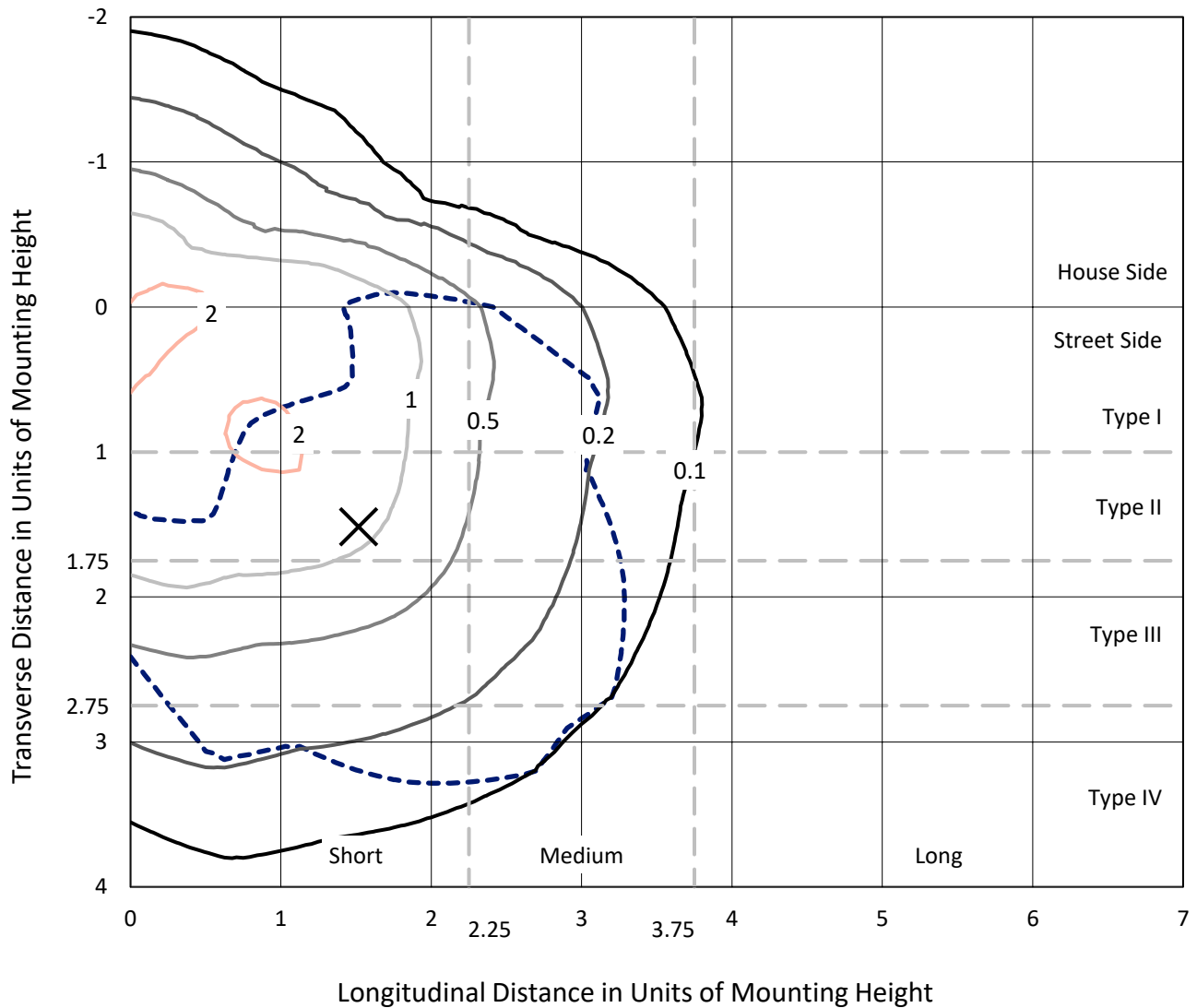
Lumens per Lamp: N/A  
Luminaire Lumens: 9457 lumens  
Efficiency: N/A  
Efficacy: 165.0 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G3  
  
Input Watts (W): 57.3  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

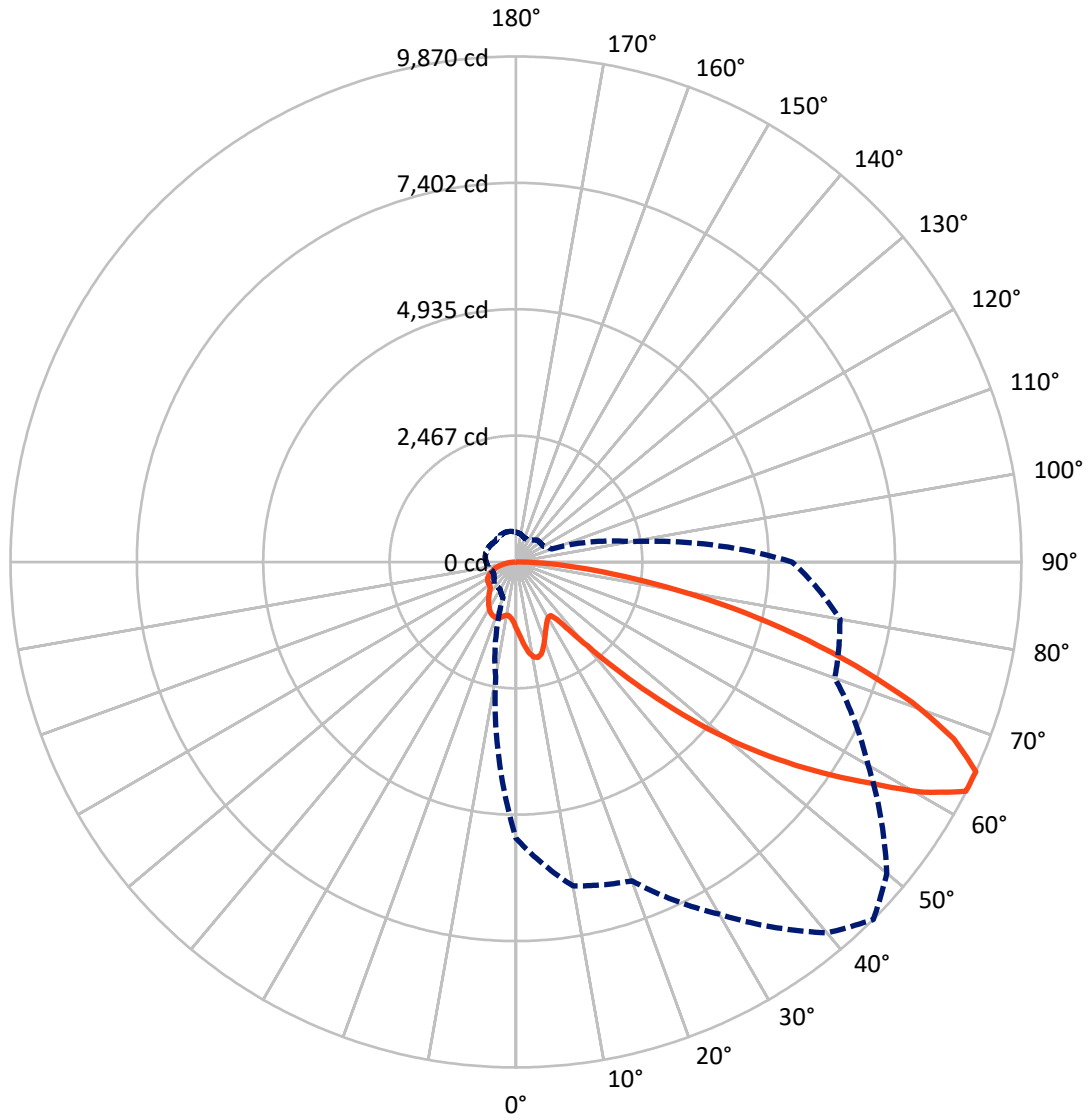
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.9 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2403.5	0.0	2403.5
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	7053.5	0.0	7053.5
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	9457.0	0.0	9457.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	129.0	1.4
10°-20°	405.0	4.3
20°-30°	625.5	6.6
30°-40°	792.7	8.4
40°-50°	1195.6	12.6
50°-60°	1931.6	20.4
60°-70°	2408.1	25.5
70°-80°	1579.1	16.7
80°-90°	390.4	4.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	9457.0	100.0
0°-180°	9457.0	100.0

**Coefficient of Utilization**



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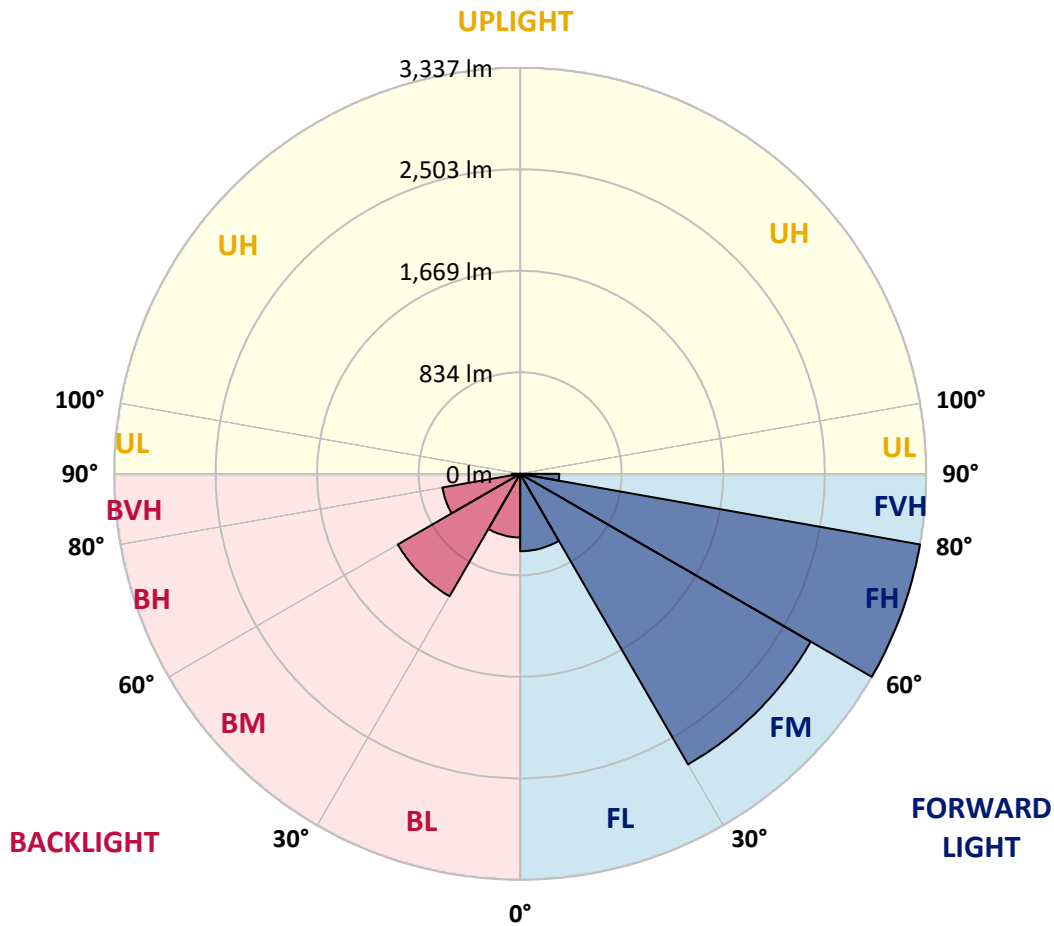
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	636.1	6.7			
FM (30°-60°)	2758.4	29.2			
FH (60°-80°)	3337.4	35.3			G2/5000
FVH (80°-90°)	321.6	3.4			G3/500
BL (0°-30°)	523.4	5.5	B2/1000		
BM (30°-60°)	1161.5	12.3	B2/2500		
BH (60°-80°)	649.8	6.9	B2/1000		G2/1000
BVH (80°-90°)	68.8	0.7			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G3**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4
2.5°	1398.5	1403.8	1409.1	1416.6	1424.2	1428.7	1433.2	1435.4	1437.6	1436.6
5°	1503.8	1522.3	1540.8	1559.2	1577.6	1587.6	1597.6	1603.6	1609.7	1614.3
7.5°	1609.6	1639.7	1669.8	1696.9	1724.0	1740.3	1756.6	1765.4	1774.2	1778.5
10°	1690.6	1726.3	1761.9	1793.7	1825.5	1844.7	1863.9	1872.5	1881.0	1884.3
12.5°	1740.3	1778.9	1817.5	1846.2	1874.9	1888.9	1902.8	1907.5	1912.2	1912.7
15°	1770.5	1803.8	1837.1	1855.1	1873.2	1873.7	1874.2	1869.2	1864.2	1858.3
17.5°	1787.5	1810.0	1832.5	1832.8	1833.1	1812.9	1792.7	1774.2	1755.6	1742.5
20°	1806.2	1814.0	1821.9	1798.2	1774.5	1729.9	1685.3	1652.8	1620.3	1600.3
22.5°	1827.9	1817.6	1807.3	1758.2	1709.1	1643.5	1577.9	1537.2	1496.6	1474.6
25°	1855.8	1823.4	1790.9	1716.4	1641.8	1562.1	1482.5	1439.7	1397.1	1376.3
27.5°	1893.7	1835.8	1777.7	1679.0	1580.3	1491.9	1403.6	1361.6	1319.6	1299.9
30°	1944.9	1858.4	1772.0	1650.4	1528.9	1436.8	1344.8	1305.9	1266.9	1248.5
32.5°	2005.3	1886.9	1768.5	1631.0	1493.4	1407.0	1320.5	1289.9	1259.3	1246.0
35°	2078.6	1933.7	1788.8	1645.5	1502.3	1442.2	1382.2	1375.0	1367.9	1366.8
37.5°	2202.1	2031.7	1861.2	1731.0	1600.7	1596.8	1592.9	1625.6	1658.2	1675.2
40°	2388.8	2203.4	2018.0	1921.1	1824.3	1892.6	1961.0	2040.4	2119.7	2159.2
42.5°	2636.3	2452.3	2268.4	2212.6	2156.8	2305.9	2455.0	2599.3	2743.7	2828.4
45°	2941.9	2776.7	2611.4	2586.8	2562.2	2801.0	3040.0	3277.1	3514.3	3658.2
47.5°	3324.2	3163.4	3002.6	2997.7	2992.7	3337.3	3681.8	4029.0	4376.1	4579.9
50°	3825.2	3626.6	3428.1	3428.9	3429.8	3873.9	4318.0	4776.3	5234.5	5511.6
52.5°	4400.3	4159.8	3919.5	3895.2	3870.8	4401.3	4931.8	5498.8	6065.7	6397.8
55°	5012.6	4775.0	4537.5	4442.7	4348.0	4938.4	5528.8	6204.7	6880.6	7275.6
57.5°	5569.4	5440.1	5310.7	5120.6	4930.6	5526.8	6122.9	6888.5	7654.1	8143.8
60°	5906.0	6106.9	6307.9	6071.8	5835.8	6400.0	6964.2	7783.9	8603.5	9132.9
62.5°	5735.1	6284.1	6833.0	6806.4	6779.8	7296.6	7813.5	8593.3	9373.1	9862.4
65°	5393.0	5908.3	6423.5	6525.4	6627.3	7284.1	7941.0	8697.2	9453.3	9869.9
67.5°	4934.7	5424.7	5914.8	5962.6	6010.3	6694.7	7379.0	8138.4	8897.8	9224.2
70°	4384.0	4917.0	5450.1	5471.4	5492.8	6104.8	6716.8	7370.3	8023.8	8205.2
72.5°	3727.9	4339.5	4951.2	4966.5	4981.9	5460.7	5939.5	6428.9	6918.4	6936.7
75°	2897.7	3530.8	4163.8	4220.7	4277.5	4650.0	5022.5	5367.1	5711.7	5619.3
77.5°	2070.4	2661.3	3252.3	3333.6	3415.0	3698.2	3981.3	4225.7	4470.1	4311.4
80°	1355.1	1852.2	2349.3	2450.4	2551.5	2765.4	2979.2	3107.5	3235.8	2980.6
82.5°	787.7	1127.6	1467.5	1580.4	1693.4	1840.6	1987.8	2041.3	2094.8	1894.2
85°	346.6	527.0	707.3	803.4	899.5	1020.4	1141.3	1171.7	1202.1	1041.4
87.5°	107.3	167.9	228.5	282.1	335.7	396.2	456.7	459.3	461.8	387.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
1300.4	0°	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4
1437.6	2.5°	1435.4	1433.2	1428.7	1424.2	1416.6	1409.1	1403.8	1398.5	1387.7	1377.0
1609.7	5°	1603.6	1597.6	1587.6	1577.6	1559.2	1540.8	1522.3	1503.8	1480.1	1456.4
1774.2	7.5°	1765.4	1756.6	1740.3	1724.0	1696.9	1669.8	1639.7	1609.6	1570.4	1531.4
1881.0	10°	1872.5	1863.9	1844.7	1825.5	1793.7	1761.9	1726.3	1690.6	1641.2	1591.7
1912.2	12.5°	1907.5	1902.8	1888.9	1874.9	1846.2	1817.5	1778.9	1740.3	1686.0	1631.7
1864.2	15°	1869.2	1874.2	1873.7	1873.2	1855.1	1837.1	1803.8	1770.5	1713.8	1657.2
1755.6	17.5°	1774.2	1792.7	1812.9	1833.1	1832.8	1832.5	1810.0	1787.5	1730.0	1672.6
1620.3	20°	1652.8	1685.3	1729.9	1774.5	1798.2	1821.9	1814.0	1806.2	1746.5	1686.8
1496.6	22.5°	1537.2	1577.9	1643.5	1709.1	1758.2	1807.3	1817.6	1827.9	1766.9	1705.9
1397.1	25°	1439.7	1482.5	1562.1	1641.8	1716.4	1790.9	1823.4	1855.8	1796.0	1736.3
1319.6	27.5°	1361.6	1403.6	1491.9	1580.3	1679.0	1777.7	1835.8	1893.7	1836.8	1779.7
1266.9	30°	1305.9	1344.8	1436.8	1528.9	1650.4	1772.0	1858.4	1944.9	1889.8	1834.8
1259.3	32.5°	1289.9	1320.5	1407.0	1493.4	1631.0	1768.5	1886.9	2005.3	1950.7	1896.2
1367.9	35°	1375.0	1382.2	1442.2	1502.3	1645.5	1788.8	1933.7	2078.6	2026.4	1974.2
1658.2	37.5°	1625.6	1592.9	1596.8	1600.7	1731.0	1861.2	2031.7	2202.1	2135.6	2069.0
2119.7	40°	2040.4	1961.0	1892.6	1824.3	1921.1	2018.0	2203.4	2388.8	2291.8	2194.7
2743.7	42.5°	2599.3	2455.0	2305.9	2156.8	2212.6	2268.4	2452.3	2636.3	2496.2	2356.2
3514.3	45°	3277.1	3040.0	2801.0	2562.2	2586.8	2611.4	2776.7	2941.9	2753.0	2564.2
4376.1	47.5°	4029.0	3681.8	3337.3	2992.7	2997.7	3002.6	3163.4	3324.2	3058.3	2792.5
5234.5	50°	4776.3	4318.0	3873.9	3429.8	3428.9	3428.1	3626.6	3825.2	3424.4	3023.6
6065.7	52.5°	5498.8	4931.8	4401.3	3870.8	3895.2	3919.5	4159.8	4400.3	3808.9	3217.6
6880.6	55°	6204.7	5528.8	4938.4	4348.0	4442.7	4537.5	4775.0	5012.6	4149.9	3287.2
7654.1	57.5°	6888.5	6122.9	5526.8	4930.6	5120.6	5310.7	5440.1	5569.4	4391.5	3213.5
8603.5	60°	7783.9	6964.2	6400.0	5835.8	6071.8	6307.9	6106.9	5906.0	4451.9	2997.7
9373.1	62.5°	8593.3	7813.5	7296.6	6779.8	6806.4	6833.0	6284.1	5735.1	4197.6	2660.1
9453.3	65°	8697.2	7941.0	7284.1	6627.3	6525.4	6423.5	5908.3	5393.0	3837.9	2282.7
8897.8	67.5°	8138.4	7379.0	6694.7	6010.3	5962.6	5914.8	5424.7	4934.7	3409.8	1884.9
8023.8	70°	7370.3	6716.8	6104.8	5492.8	5471.4	5450.1	4917.0	4384.0	2942.7	1501.3
6918.4	72.5°	6428.9	5939.5	5460.7	4981.9	4966.5	4951.2	4339.5	3727.9	2436.3	1144.7
5711.7	75°	5367.1	5022.5	4650.0	4277.5	4220.7	4163.8	3530.8	2897.7	1855.8	813.8
4470.1	77.5°	4225.7	3981.3	3698.2	3415.0	3333.6	3252.3	2661.3	2070.4	1298.9	527.4
3235.8	80°	3107.5	2979.2	2765.4	2551.5	2450.4	2349.3	1852.2	1355.1	836.8	318.6
2094.8	82.5°	2041.3	1987.8	1840.6	1693.4	1580.4	1467.5	1127.6	787.7	484.3	181.0
1202.1	85°	1171.7	1141.3	1020.4	899.5	803.4	707.3	527.0	346.6	217.9	89.2
461.8	87.5°	459.3	456.7	396.2	335.7	282.1	228.5	167.9	107.3	71.4	35.4
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
1300.4	0°	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4
1365.6	2.5°	1354.2	1342.7	1331.3	1320.3	1309.3	1298.7	1286.8	1277.3	1267.7	1259.1
1432.7	5°	1409.1	1385.3	1361.5	1339.3	1317.1	1296.2	1275.5	1257.4	1239.3	1224.1
1495.2	7.5°	1459.1	1423.9	1388.7	1357.8	1326.8	1298.2	1271.4	1247.3	1223.3	1203.4
1544.0	10°	1496.3	1453.6	1410.8	1374.2	1337.4	1302.2	1273.4	1248.0	1222.7	1202.7
1577.6	12.5°	1523.5	1473.1	1422.7	1381.2	1339.7	1302.7	1275.9	1255.1	1234.4	1221.2
1598.5	15°	1539.8	1481.8	1423.8	1375.8	1327.8	1286.7	1265.2	1255.3	1245.4	1247.2
1608.6	17.5°	1544.5	1477.2	1409.8	1352.1	1294.3	1246.0	1232.8	1236.4	1240.0	1261.8
1616.4	20°	1546.0	1464.4	1382.8	1311.2	1239.6	1183.4	1179.9	1196.9	1213.8	1251.6
1627.0	22.5°	1548.0	1448.7	1349.4	1263.2	1177.1	1113.0	1119.9	1145.0	1170.1	1213.2
1646.1	25°	1555.9	1433.3	1310.6	1209.7	1108.8	1043.2	1061.6	1090.6	1119.5	1158.3
1676.1	27.5°	1572.4	1422.9	1273.5	1160.7	1048.0	988.3	1010.7	1038.7	1066.6	1098.5
1714.8	30°	1594.9	1418.1	1241.1	1119.8	998.5	948.4	966.0	988.1	1010.4	1036.8
1755.3	32.5°	1614.4	1412.1	1209.7	1084.5	959.3	918.9	926.8	939.9	953.0	974.1
1801.4	35°	1628.7	1400.8	1173.1	1049.9	926.7	893.0	889.7	893.3	897.0	913.1
1853.1	37.5°	1637.2	1381.5	1125.9	1009.0	892.2	862.8	850.9	846.9	842.9	854.5
1918.6	40°	1642.5	1354.9	1067.4	960.3	853.3	826.6	808.4	799.4	790.3	798.7
2004.4	42.5°	1652.6	1327.5	1002.4	906.6	810.8	786.2	763.2	751.3	739.3	746.1
2117.3	45°	1670.4	1302.0	933.5	849.5	765.5	740.5	718.3	706.6	695.0	700.7
2237.6	47.5°	1682.7	1280.9	879.2	804.4	729.6	697.4	678.3	668.5	658.7	664.1
2349.1	50°	1674.7	1258.0	841.2	774.4	707.5	665.2	643.0	634.3	625.7	634.0
2421.6	52.5°	1625.5	1219.2	812.9	754.6	696.4	647.7	616.7	608.1	599.6	612.2
2405.6	55°	1524.0	1154.9	785.8	740.3	694.7	649.5	602.7	589.1	575.6	593.5
2293.2	57.5°	1373.0	1064.3	755.5	723.3	691.1	651.2	594.3	574.6	554.8	574.1
2084.1	60°	1170.6	946.6	722.7	697.4	672.1	645.7	586.4	560.8	535.2	552.1
1801.3	62.5°	942.5	805.8	669.1	652.3	635.5	632.2	577.3	545.2	513.2	524.0
1512.8	65°	742.9	679.1	615.3	607.3	599.4	599.8	557.9	523.9	489.8	493.9
1230.2	67.5°	575.5	557.3	539.2	543.6	548.0	546.9	523.4	495.0	466.7	465.4
968.6	70°	435.9	441.1	446.2	466.8	487.3	487.3	479.5	459.4	439.2	434.7
740.5	72.5°	336.2	351.9	367.5	396.7	425.8	430.6	430.7	416.9	403.1	396.5
537.4	75°	261.1	275.3	289.4	322.1	354.7	377.3	375.4	364.7	354.0	347.8
364.2	77.5°	201.0	210.6	220.3	252.0	283.7	320.9	319.9	311.3	302.8	296.4
234.6	80°	150.7	154.7	158.7	185.5	212.3	256.7	256.6	249.5	242.3	236.9
144.3	82.5°	107.7	108.4	109.2	128.9	148.7	186.6	188.7	185.2	181.7	177.9
77.1	85°	65.1	64.8	64.4	78.8	93.3	121.5	124.3	120.5	116.8	112.5
32.0	87.5°	28.5	28.2	27.8	33.7	39.7	51.4	54.9	53.4	51.9	51.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
1300.4	0°	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4
1250.5	2.5°	1243.0	1235.4	1227.9	1220.3	1214.5	1208.6	1203.9	1199.1	1195.4	1191.7
1209.0	5°	1195.6	1182.3	1170.1	1158.0	1148.6	1139.2	1132.7	1126.2	1121.5	1116.9
1183.4	7.5°	1166.6	1149.7	1134.8	1120.0	1108.9	1097.8	1090.0	1082.3	1076.9	1071.6
1182.8	10°	1164.6	1146.5	1129.8	1113.0	1099.8	1086.4	1077.8	1069.0	1063.9	1058.9
1208.0	12.5°	1193.7	1179.6	1162.2	1145.0	1128.0	1111.0	1099.8	1088.6	1083.0	1077.4
1249.0	15°	1245.3	1241.6	1226.6	1211.6	1187.4	1163.3	1146.2	1129.2	1121.3	1113.5
1283.6	17.5°	1295.1	1306.7	1294.5	1282.5	1250.5	1218.5	1193.3	1168.2	1156.6	1145.0
1289.4	20°	1313.6	1337.8	1332.3	1326.6	1290.0	1253.5	1222.7	1191.9	1177.1	1162.2
1256.4	22.5°	1287.9	1319.4	1322.8	1326.1	1291.2	1256.3	1224.5	1192.7	1177.1	1161.4
1197.1	25°	1228.1	1259.1	1270.7	1282.2	1253.6	1225.0	1196.7	1168.6	1155.0	1141.5
1130.4	27.5°	1155.2	1180.1	1192.9	1205.9	1185.4	1165.1	1143.2	1121.3	1112.2	1103.1
1063.3	30°	1083.9	1104.6	1115.0	1125.5	1110.0	1094.4	1078.8	1063.0	1058.3	1053.7
995.3	32.5°	1015.0	1034.8	1046.5	1058.1	1043.9	1029.6	1017.0	1004.5	1001.5	998.4
929.2	35°	948.7	968.3	982.3	996.3	986.1	976.0	964.4	952.9	948.2	943.6
866.0	37.5°	885.5	905.1	922.4	939.6	934.9	930.3	919.6	908.9	900.5	892.1
807.0	40°	825.9	844.7	864.6	884.5	885.6	886.7	877.7	868.7	856.4	844.2
752.9	42.5°	770.8	788.7	810.1	831.6	837.3	843.1	835.4	827.9	812.6	797.4
706.5	45°	723.5	740.4	762.7	784.9	793.2	801.4	794.5	787.7	770.3	752.9
669.4	47.5°	686.0	702.6	724.6	746.5	756.0	765.5	760.7	755.9	740.4	725.0
642.5	50°	658.1	673.8	693.4	713.1	725.3	737.4	737.1	736.9	724.6	712.2
624.8	52.5°	639.1	653.5	671.8	690.1	704.6	719.0	721.6	724.2	714.1	704.0
611.4	55°	626.9	642.3	658.4	674.4	689.7	705.0	708.6	712.2	703.4	694.6
593.3	57.5°	611.5	629.7	645.5	661.4	676.9	692.2	695.9	699.5	690.6	681.7
569.0	60°	589.8	610.7	626.8	643.0	658.4	673.9	677.9	681.9	673.2	664.6
534.7	62.5°	559.0	583.3	600.6	617.8	631.9	646.1	650.0	653.8	646.0	638.1
498.0	65°	524.1	550.2	566.6	583.1	595.6	608.0	612.0	615.9	608.3	600.8
464.1	67.5°	488.1	512.2	527.9	543.4	554.2	565.0	568.8	572.6	565.7	558.8
430.2	70°	451.4	472.6	486.0	499.5	509.2	519.0	522.7	526.4	520.7	515.1
390.0	72.5°	406.6	423.3	435.4	447.6	457.1	466.7	471.1	475.5	470.8	466.1
341.4	75°	353.8	366.2	377.2	388.2	396.9	405.6	410.2	414.8	412.5	410.2
290.0	77.5°	300.1	310.1	319.6	329.1	338.2	347.3	351.6	355.9	352.7	349.4
231.5	80°	239.9	248.3	256.2	264.2	271.2	278.0	283.7	289.4	288.0	286.7
174.2	82.5°	173.5	172.8	170.0	167.2	181.9	196.7	206.4	216.1	215.5	214.8
108.3	85°	104.7	101.0	93.3	85.6	99.4	113.3	125.3	137.2	136.2	135.2
50.3	87.5°	50.2	50.0	44.1	38.2	44.0	49.8	54.6	59.5	58.3	57.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
1300.4	0°	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4
1188.3	2.5°	1184.9	1180.7	1184.9	1188.3	1191.7	1195.4	1199.1	1203.9	1208.6	1214.5
1113.3	5°	1109.8	1106.3	1109.8	1113.3	1116.9	1121.5	1126.2	1132.7	1139.2	1148.6
1068.4	7.5°	1065.3	1062.9	1065.3	1068.4	1071.6	1076.9	1082.3	1090.0	1097.8	1108.9
1056.2	10°	1053.5	1052.4	1053.5	1056.2	1058.9	1063.9	1069.0	1077.8	1086.4	1099.8
1075.1	12.5°	1072.8	1072.4	1072.8	1075.1	1077.4	1083.0	1088.6	1099.8	1111.0	1128.0
1110.5	15°	1107.6	1107.3	1107.6	1110.5	1113.5	1121.3	1129.2	1146.2	1163.3	1187.4
1141.2	17.5°	1137.3	1136.7	1137.3	1141.2	1145.0	1156.6	1168.2	1193.3	1218.5	1250.5
1157.5	20°	1152.7	1151.2	1152.7	1157.5	1162.2	1177.1	1191.9	1222.7	1253.5	1290.0
1156.2	22.5°	1151.0	1148.7	1151.0	1156.2	1161.4	1177.1	1192.7	1224.5	1256.3	1291.2
1136.5	25°	1131.7	1128.8	1131.7	1136.5	1141.5	1155.0	1168.6	1196.7	1225.0	1253.6
1100.8	27.5°	1098.6	1097.8	1098.6	1100.8	1103.1	1112.2	1121.3	1143.2	1165.1	1185.4
1053.7	30°	1053.7	1054.4	1053.7	1053.7	1053.7	1058.3	1063.0	1078.8	1094.4	1110.0
998.8	32.5°	999.3	1000.0	999.3	998.8	998.4	1001.5	1004.5	1017.0	1029.6	1043.9
942.6	35°	941.6	941.1	941.6	942.6	943.6	948.2	952.9	964.4	976.0	986.1
887.7	37.5°	883.2	880.8	883.2	887.7	892.1	900.5	908.9	919.6	930.3	934.9
835.9	40°	827.8	822.9	827.8	835.9	844.2	856.4	868.7	877.7	886.7	885.6
785.4	42.5°	773.4	765.5	773.4	785.4	797.4	812.6	827.9	835.4	843.1	837.3
738.8	45°	724.7	715.6	724.7	738.8	752.9	770.3	787.7	794.5	801.4	793.2
711.9	47.5°	698.9	690.1	698.9	711.9	725.0	740.4	755.9	760.7	765.5	756.0
700.1	50°	688.0	679.7	688.0	700.1	712.2	724.6	736.9	737.1	737.4	725.3
693.2	52.5°	682.4	674.7	682.4	693.2	704.0	714.1	724.2	721.6	719.0	704.6
685.1	55°	675.7	668.7	675.7	685.1	694.6	703.4	712.2	708.6	705.0	689.7
672.4	57.5°	662.9	655.7	662.9	672.4	681.7	690.6	699.5	695.9	692.2	676.9
654.9	60°	645.2	637.7	645.2	654.9	664.6	673.2	681.9	677.9	673.9	658.4
628.0	62.5°	617.8	608.8	617.8	628.0	638.1	646.0	653.8	650.0	646.1	631.9
590.9	65°	581.1	573.4	581.1	590.9	600.8	608.3	615.9	612.0	608.0	595.6
549.6	67.5°	540.4	533.4	540.4	549.6	558.8	565.7	572.6	568.8	565.0	554.2
506.3	70°	497.5	489.5	497.5	506.3	515.1	520.7	526.4	522.7	519.0	509.2
457.7	72.5°	449.4	441.6	449.4	457.7	466.1	470.8	475.5	471.1	466.7	457.1
403.1	75°	396.1	388.7	396.1	403.1	410.2	412.5	414.8	410.2	405.6	396.9
342.3	77.5°	335.2	329.3	335.2	342.3	349.4	352.7	355.9	351.6	347.3	338.2
277.1	80°	267.6	256.5	267.6	277.1	286.7	288.0	289.4	283.7	278.0	271.2
206.8	82.5°	198.7	191.6	198.7	206.8	214.8	215.5	216.1	206.4	196.7	181.9
128.9	85°	122.7	116.3	122.7	128.9	135.2	136.2	137.2	125.3	113.3	99.4
53.8	87.5°	50.5	47.4	50.5	53.8	57.0	58.3	59.5	54.6	49.8	44.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
1300.4	0°	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4
1220.3	2.5°	1227.9	1235.4	1243.0	1250.5	1259.1	1267.7	1277.3	1286.8	1298.7	1309.3
1158.0	5°	1170.1	1182.3	1195.6	1209.0	1224.1	1239.3	1257.4	1275.5	1296.2	1317.1
1120.0	7.5°	1134.8	1149.7	1166.6	1183.4	1203.4	1223.3	1247.3	1271.4	1298.2	1326.8
1113.0	10°	1129.8	1146.5	1164.6	1182.8	1202.7	1222.7	1248.0	1273.4	1302.2	1337.4
1145.0	12.5°	1162.2	1179.6	1193.7	1208.0	1221.2	1234.4	1255.1	1275.9	1302.7	1339.7
1211.6	15°	1226.6	1241.6	1245.3	1249.0	1247.2	1245.4	1255.3	1265.2	1286.7	1327.8
1282.5	17.5°	1294.5	1306.7	1295.1	1283.6	1261.8	1240.0	1236.4	1232.8	1246.0	1294.3
1326.6	20°	1332.3	1337.8	1313.6	1289.4	1251.6	1213.8	1196.9	1179.9	1183.4	1239.6
1326.1	22.5°	1322.8	1319.4	1287.9	1256.4	1213.2	1170.1	1145.0	1119.9	1113.0	1177.1
1282.2	25°	1270.7	1259.1	1228.1	1197.1	1158.3	1119.5	1090.6	1061.6	1043.2	1108.8
1205.9	27.5°	1192.9	1180.1	1155.2	1130.4	1098.5	1066.6	1038.7	1010.7	988.3	1048.0
1125.5	30°	1115.0	1104.6	1083.9	1063.3	1036.8	1010.4	988.1	966.0	948.4	998.5
1058.1	32.5°	1046.5	1034.8	1015.0	995.3	974.1	953.0	939.9	926.8	918.9	959.3
996.3	35°	982.3	968.3	948.7	929.2	913.1	897.0	893.3	889.7	893.0	926.7
939.6	37.5°	922.4	905.1	885.5	866.0	854.5	842.9	846.9	850.9	862.8	892.2
884.5	40°	864.6	844.7	825.9	807.0	798.7	790.3	799.4	808.4	826.6	853.3
831.6	42.5°	810.1	788.7	770.8	752.9	746.1	739.3	751.3	763.2	786.2	810.8
784.9	45°	762.7	740.4	723.5	706.5	700.7	695.0	706.6	718.3	740.5	765.5
746.5	47.5°	724.6	702.6	686.0	669.4	664.1	658.7	668.5	678.3	697.4	729.6
713.1	50°	693.4	673.8	658.1	642.5	634.0	625.7	634.3	643.0	665.2	707.5
690.1	52.5°	671.8	653.5	639.1	624.8	612.2	599.6	608.1	616.7	647.7	696.4
674.4	55°	658.4	642.3	626.9	611.4	593.5	575.6	589.1	602.7	649.5	694.7
661.4	57.5°	645.5	629.7	611.5	593.3	574.1	554.8	574.6	594.3	651.2	691.1
643.0	60°	626.8	610.7	589.8	569.0	552.1	535.2	560.8	586.4	645.7	672.1
617.8	62.5°	600.6	583.3	559.0	534.7	524.0	513.2	545.2	577.3	632.2	635.5
583.1	65°	566.6	550.2	524.1	498.0	493.9	489.8	523.9	557.9	599.8	599.4
543.4	67.5°	527.9	512.2	488.1	464.1	465.4	466.7	495.0	523.4	546.9	548.0
499.5	70°	486.0	472.6	451.4	430.2	434.7	439.2	459.4	479.5	487.3	487.3
447.6	72.5°	435.4	423.3	406.6	390.0	396.5	403.1	416.9	430.7	430.6	425.8
388.2	75°	377.2	366.2	353.8	341.4	347.8	354.0	364.7	375.4	377.3	354.7
329.1	77.5°	319.6	310.1	300.1	290.0	296.4	302.8	311.3	319.9	320.9	283.7
264.2	80°	256.2	248.3	239.9	231.5	236.9	242.3	249.5	256.6	256.7	212.3
167.2	82.5°	170.0	172.8	173.5	174.2	177.9	181.7	185.2	188.7	186.6	148.7
85.6	85°	93.3	101.0	104.7	108.3	112.5	116.8	120.5	124.3	121.5	93.3
38.2	87.5°	44.1	50.0	50.2	50.3	51.1	51.9	53.4	54.9	51.4	39.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

325°		330°	335°	340°	345°	350°	355°	360°
1300.4	0°	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4
1320.3	2.5°	1331.3	1342.7	1354.2	1365.6	1377.0	1387.7	1398.5
1339.3	5°	1361.5	1385.3	1409.1	1432.7	1456.4	1480.1	1503.8
1357.8	7.5°	1388.7	1423.9	1459.1	1495.2	1531.4	1570.4	1609.6
1374.2	10°	1410.8	1453.6	1496.3	1544.0	1591.7	1641.2	1690.6
1381.2	12.5°	1422.7	1473.1	1523.5	1577.6	1631.7	1686.0	1740.3
1375.8	15°	1423.8	1481.8	1539.8	1598.5	1657.2	1713.8	1770.5
1352.1	17.5°	1409.8	1477.2	1544.5	1608.6	1672.6	1730.0	1787.5
1311.2	20°	1382.8	1464.4	1546.0	1616.4	1686.8	1746.5	1806.2
1263.2	22.5°	1349.4	1448.7	1548.0	1627.0	1705.9	1766.9	1827.9
1209.7	25°	1310.6	1433.3	1555.9	1646.1	1736.3	1796.0	1855.8
1160.7	27.5°	1273.5	1422.9	1572.4	1676.1	1779.7	1836.8	1893.7
1119.8	30°	1241.1	1418.1	1594.9	1714.8	1834.8	1889.8	1944.9
1084.5	32.5°	1209.7	1412.1	1614.4	1755.3	1896.2	1950.7	2005.3
1049.9	35°	1173.1	1400.8	1628.7	1801.4	1974.2	2026.4	2078.6
1009.0	37.5°	1125.9	1381.5	1637.2	1853.1	2069.0	2135.6	2202.1
960.3	40°	1067.4	1354.9	1642.5	1918.6	2194.7	2291.8	2388.8
906.6	42.5°	1002.4	1327.5	1652.6	2004.4	2356.2	2496.2	2636.3
849.5	45°	933.5	1302.0	1670.4	2117.3	2564.2	2753.0	2941.9
804.4	47.5°	879.2	1280.9	1682.7	2237.6	2792.5	3058.3	3324.2
774.4	50°	841.2	1258.0	1674.7	2349.1	3023.6	3424.4	3825.2
754.6	52.5°	812.9	1219.2	1625.5	2421.6	3217.6	3808.9	4400.3
740.3	55°	785.8	1154.9	1524.0	2405.6	3287.2	4149.9	5012.6
723.3	57.5°	755.5	1064.3	1373.0	2293.2	3213.5	4391.5	5569.4
697.4	60°	722.7	946.6	1170.6	2084.1	2997.7	4451.9	5906.0
652.3	62.5°	669.1	805.8	942.5	1801.3	2660.1	4197.6	5735.1
607.3	65°	615.3	679.1	742.9	1512.8	2282.7	3837.9	5393.0
543.6	67.5°	539.2	557.3	575.5	1230.2	1884.9	3409.8	4934.7
466.8	70°	446.2	441.1	435.9	968.6	1501.3	2942.7	4384.0
396.7	72.5°	367.5	351.9	336.2	740.5	1144.7	2436.3	3727.9
322.1	75°	289.4	275.3	261.1	537.4	813.8	1855.8	2897.7
252.0	77.5°	220.3	210.6	201.0	364.2	527.4	1298.9	2070.4
185.5	80°	158.7	154.7	150.7	234.6	318.6	836.8	1355.1
128.9	82.5°	109.2	108.4	107.7	144.3	181.0	484.3	787.7
78.8	85°	64.4	64.8	65.1	77.1	89.2	217.9	346.6
33.7	87.5°	27.8	28.2	28.5	32.0	35.4	71.4	107.3
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)