

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: P947255

Luminaire Tested: **GALN-SB2C-930-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P947255
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-SB2C-930-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 90 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10381 lumens
Efficiency: N/A
Efficacy: 102.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

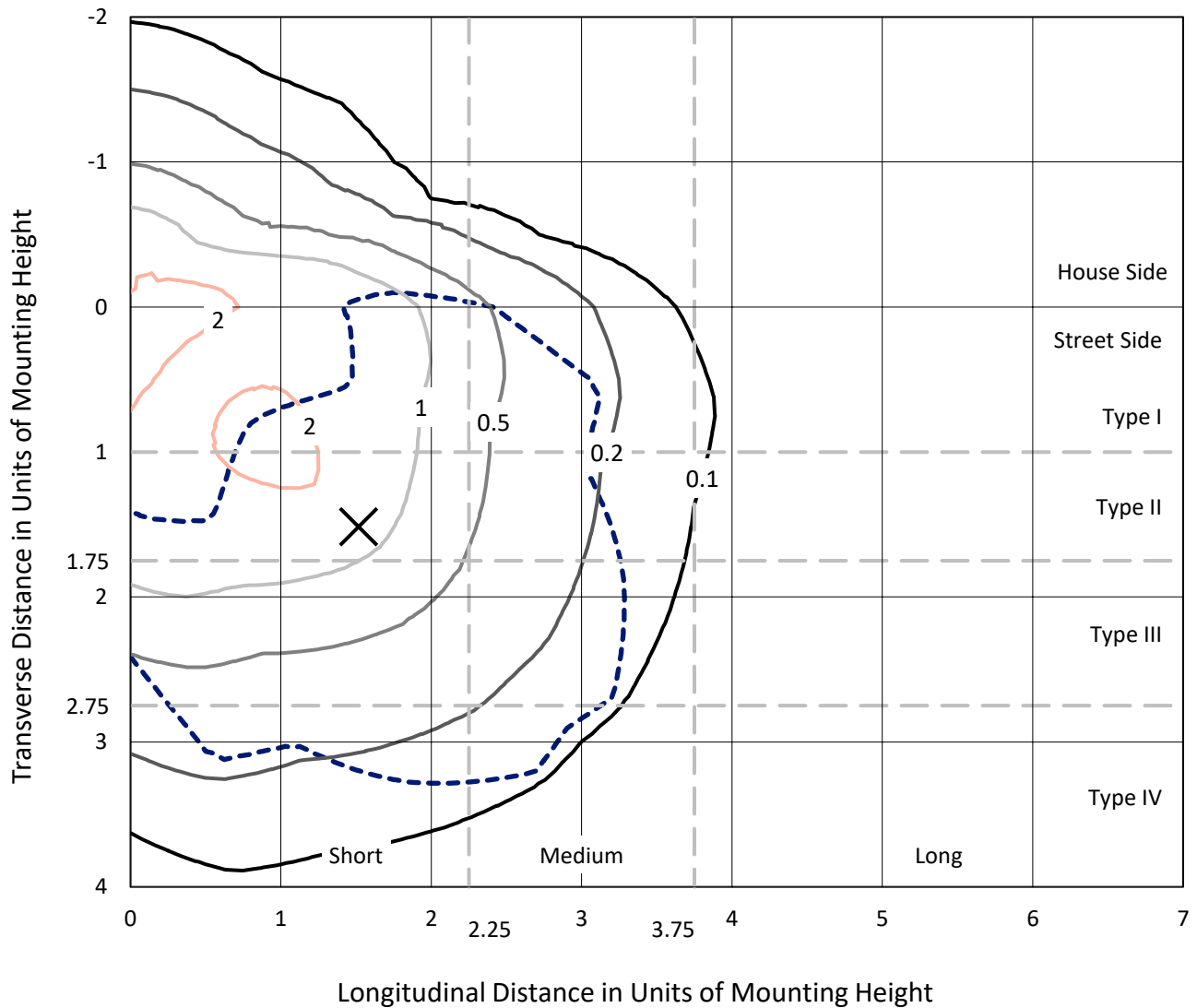
Input Watts (W): 100.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

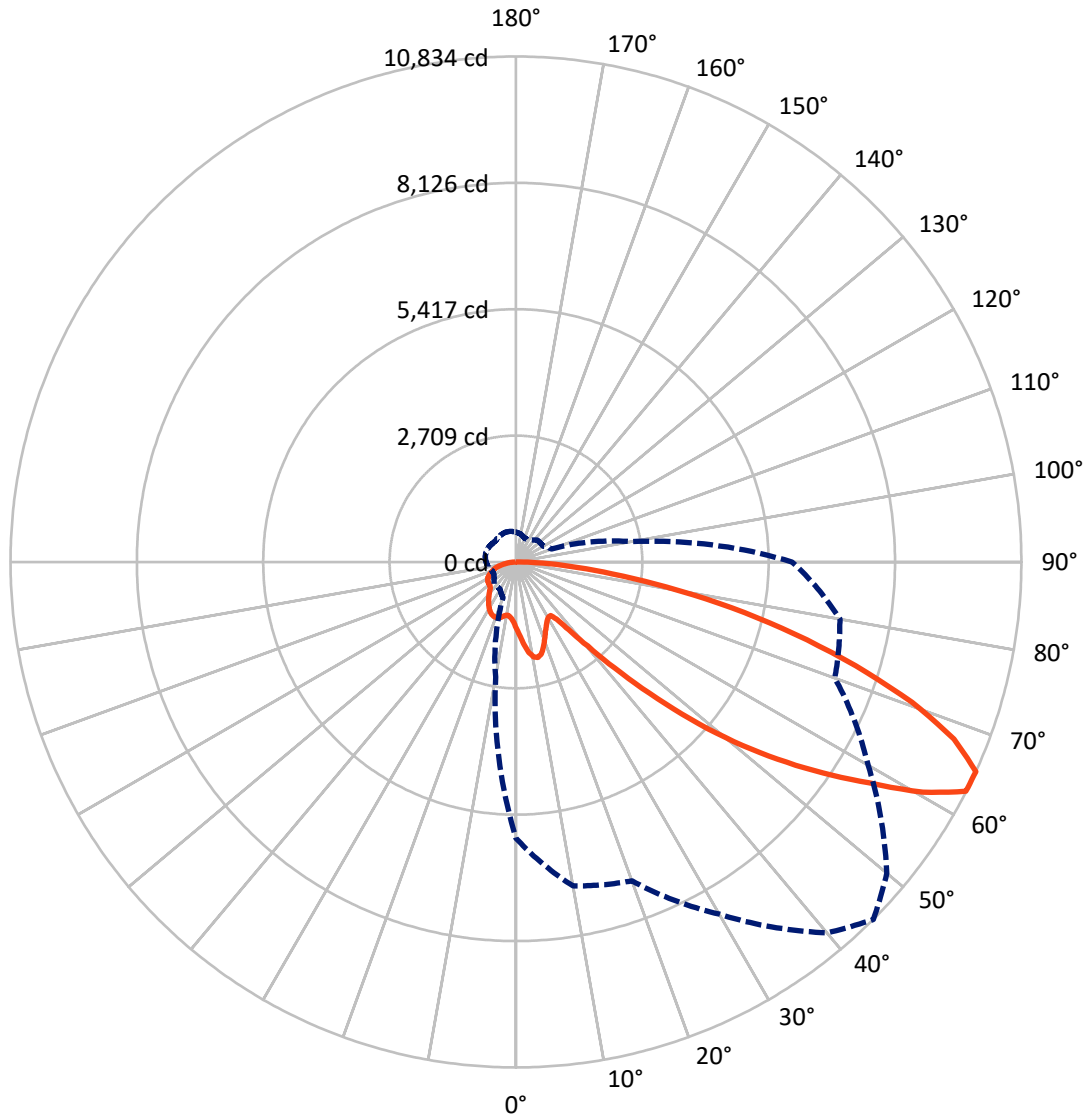
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.2 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
House Side	Lumens	2638.3	0.0	2638.3
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	7742.7	0.0	7742.7
	% Fixture	74.6	0.0	74.6
Total	Lumens	10381.0	0.0	10381.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	141.6	1.4
10°-20°	444.5	4.3
20°-30°	686.6	6.6
30°-40°	870.1	8.4
40°-50°	1312.4	12.6
50°-60°	2120.4	20.4
60°-70°	2643.4	25.5
70°-80°	1733.4	16.7
80°-90°	428.5	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°	10381.0	100.0
0°-180°	10381.0	100.0



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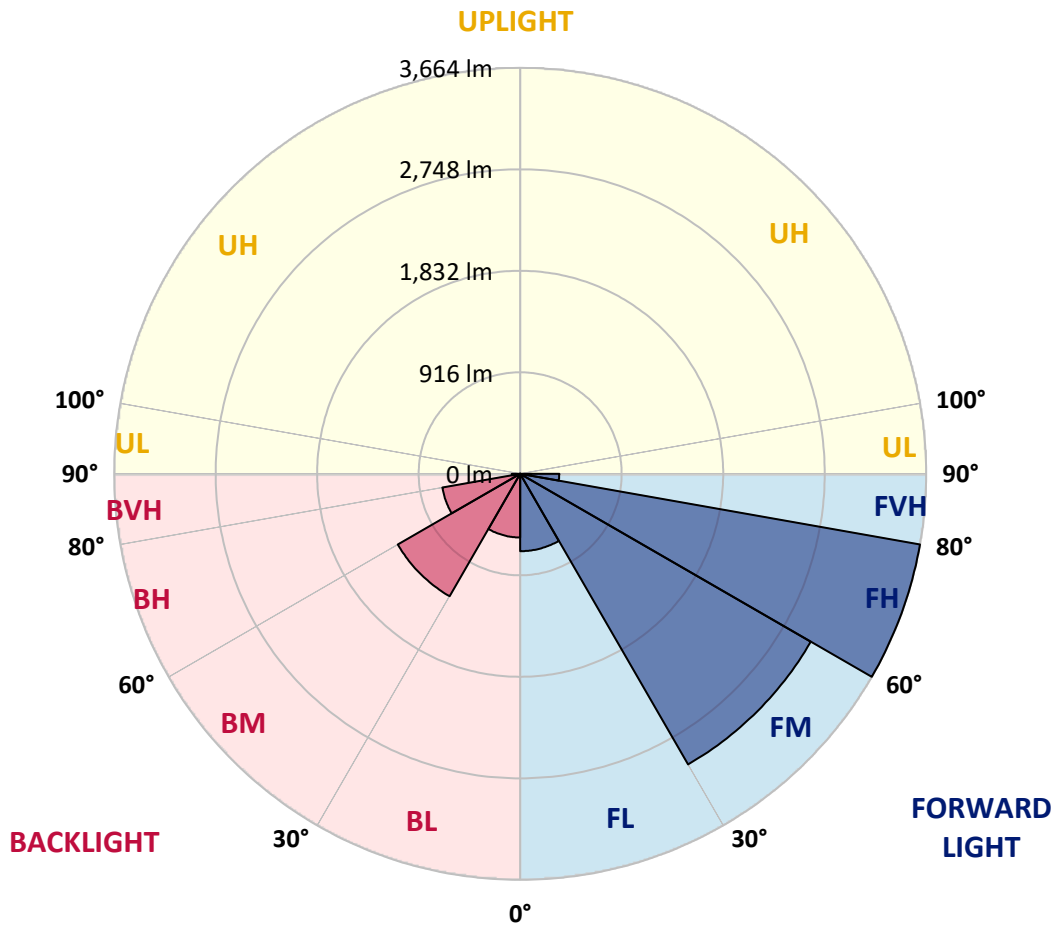
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	698.2	6.7			
FM (30°-60°)	3027.9	29.2			
FH (60°-80°)	3663.5	35.3			G2/5000
FVH (80°-90°)	353.0	3.4			G3/500
BL (0°-30°)	574.5	5.5	B2/1000		
BM (30°-60°)	1275.0	12.3	B2/2500		
BH (60°-80°)	713.3	6.9	B2/1000		G2/1000
BVH (80°-90°)	75.5	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°	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5
2.5°	1535.1	1540.9	1546.8	1555.1	1563.3	1568.3	1573.2	1575.6	1578.1	1577.0
5°	1650.7	1671.0	1691.4	1711.5	1731.8	1742.7	1753.7	1760.3	1767.0	1772.0
7.5°	1766.8	1799.9	1832.9	1862.7	1892.4	1910.3	1928.2	1937.9	1947.6	1952.2
10°	1855.8	1894.9	1934.1	1968.9	2003.8	2025.0	2046.0	2055.4	2064.8	2068.4
12.5°	1910.3	1952.7	1995.1	2026.6	2058.1	2073.4	2088.7	2093.9	2099.0	2099.6
15°	1943.5	1980.1	2016.6	2036.4	2056.2	2056.7	2057.3	2051.8	2046.3	2039.9
17.5°	1962.1	1986.8	2011.5	2011.9	2012.2	1990.0	1967.8	1947.5	1927.1	1912.8
20°	1982.6	1991.2	1999.9	1973.9	1947.9	1898.9	1849.9	1814.3	1778.6	1756.7
22.5°	2006.5	1995.2	1983.9	1930.0	1876.1	1804.1	1732.0	1687.4	1642.9	1618.6
25°	2037.1	2001.5	1965.9	1884.1	1802.3	1714.8	1627.3	1580.4	1533.6	1510.7
27.5°	2078.8	2015.1	1951.4	1843.0	1734.7	1637.7	1540.8	1494.6	1448.6	1426.9
30°	2134.9	2040.0	1945.1	1811.7	1678.2	1577.2	1476.2	1433.4	1390.7	1370.5
32.5°	2201.2	2071.2	1941.3	1790.3	1639.4	1544.4	1449.5	1415.9	1382.3	1367.8
35°	2281.7	2122.6	1963.6	1806.3	1649.0	1583.1	1517.2	1509.4	1501.5	1500.3
37.5°	2417.3	2230.2	2043.1	1900.1	1757.1	1752.8	1748.6	1784.4	1820.2	1838.8
40°	2622.2	2418.7	2215.2	2108.8	2002.5	2077.6	2152.6	2239.7	2326.8	2370.2
42.5°	2893.8	2691.9	2490.0	2428.8	2367.6	2531.2	2694.9	2853.3	3011.7	3104.7
45°	3229.4	3048.0	2866.6	2839.6	2812.5	3074.7	3337.0	3597.3	3857.6	4015.7
47.5°	3648.9	3472.5	3296.0	3290.5	3285.1	3663.3	4041.5	4422.6	4803.6	5027.4
50°	4198.9	3980.9	3763.0	3764.0	3764.9	4252.4	4739.9	5242.9	5746.0	6050.1
52.5°	4830.2	4566.3	4302.4	4275.7	4249.0	4831.3	5413.7	6036.0	6658.4	7022.9
55°	5502.3	5241.6	4980.8	4876.8	4772.8	5420.9	6069.0	6810.9	7552.9	7986.4
57.5°	6113.6	5971.6	5829.6	5621.0	5412.4	6066.8	6721.2	7561.6	8401.9	8939.5
60°	6483.1	6703.6	6924.2	6665.1	6406.0	7025.3	7644.6	8544.4	9444.1	10025.2
62.5°	6295.5	6898.1	7500.7	7471.5	7442.2	8009.5	8576.9	9433.0	10289.0	10826.0
65°	5920.0	6485.5	7051.1	7163.0	7274.9	7995.8	8716.9	9547.0	10377.0	10834.3
67.5°	5416.9	5954.8	6492.7	6545.1	6597.6	7348.8	8099.9	8933.6	9767.2	10125.4
70°	4812.4	5397.5	5982.6	6006.0	6029.5	6701.3	7373.0	8090.4	8807.8	9006.9
72.5°	4092.1	4763.5	5434.9	5451.8	5468.6	5994.2	6519.8	7057.1	7594.3	7614.5
75°	3180.9	3875.8	4570.7	4633.1	4695.4	5104.4	5513.3	5891.5	6269.7	6168.4
77.5°	2272.7	2921.3	3570.1	3659.3	3748.6	4059.5	4370.3	4638.6	4906.9	4732.7
80°	1487.5	2033.2	2578.9	2689.9	2800.8	3035.6	3270.3	3411.2	3552.0	3271.8
82.5°	864.6	1237.7	1610.9	1734.8	1858.8	2020.4	2182.0	2240.8	2299.5	2079.3
85°	380.4	578.4	776.5	881.9	987.3	1120.1	1252.8	1286.2	1319.6	1143.2
87.5°	117.8	184.3	250.9	309.7	368.5	434.9	501.3	504.2	507.0	425.6
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°
1427.5	0°	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5
1578.1	2.5°	1575.6	1573.2	1568.3	1563.3	1555.1	1546.8	1540.9	1535.1	1523.3	1511.6
1767.0	5°	1760.3	1753.7	1742.7	1731.8	1711.5	1691.4	1671.0	1650.7	1624.7	1598.7
1947.6	7.5°	1937.9	1928.2	1910.3	1892.4	1862.7	1832.9	1799.9	1766.8	1723.9	1681.0
2064.8	10°	2055.4	2046.0	2025.0	2003.8	1968.9	1934.1	1894.9	1855.8	1801.5	1747.3
2099.0	12.5°	2093.9	2088.7	2073.4	2058.1	2026.6	1995.1	1952.7	1910.3	1850.7	1791.1
2046.3	15°	2051.8	2057.3	2056.7	2056.2	2036.4	2016.6	1980.1	1943.5	1881.3	1819.1
1927.1	17.5°	1947.5	1967.8	1990.0	2012.2	2011.9	2011.5	1986.8	1962.1	1899.0	1836.0
1778.6	20°	1814.3	1849.9	1898.9	1947.9	1973.9	1999.9	1991.2	1982.6	1917.1	1851.6
1642.9	22.5°	1687.4	1732.0	1804.1	1876.1	1930.0	1983.9	1995.2	2006.5	1939.5	1872.5
1533.6	25°	1580.4	1627.3	1714.8	1802.3	1884.1	1965.9	2001.5	2037.1	1971.5	1906.0
1448.6	27.5°	1494.6	1540.8	1637.7	1734.7	1843.0	1951.4	2015.1	2078.8	2016.2	1953.6
1390.7	30°	1433.4	1476.2	1577.2	1678.2	1811.7	1945.1	2040.0	2134.9	2074.4	2014.0
1382.3	32.5°	1415.9	1449.5	1544.4	1639.4	1790.3	1941.3	2071.2	2201.2	2141.3	2081.5
1501.5	35°	1509.4	1517.2	1583.1	1649.0	1806.3	1963.6	2122.6	2281.7	2224.4	2167.1
1820.2	37.5°	1784.4	1748.6	1752.8	1757.1	1900.1	2043.1	2230.2	2417.3	2344.2	2271.1
2326.8	40°	2239.7	2152.6	2077.6	2002.5	2108.8	2215.2	2418.7	2622.2	2515.7	2409.2
3011.7	42.5°	2853.3	2694.9	2531.2	2367.6	2428.8	2490.0	2691.9	2893.8	2740.1	2586.4
3857.6	45°	3597.3	3337.0	3074.7	2812.5	2839.6	2866.6	3048.0	3229.4	3022.0	2814.7
4803.6	47.5°	4422.6	4041.5	3663.3	3285.1	3290.5	3296.0	3472.5	3648.9	3357.1	3065.3
5746.0	50°	5242.9	4739.9	4252.4	3764.9	3764.0	3763.0	3980.9	4198.9	3759.0	3319.0
6658.4	52.5°	6036.0	5413.7	4831.3	4249.0	4275.7	4302.4	4566.3	4830.2	4181.1	3532.0
7552.9	55°	6810.9	6069.0	5420.9	4772.8	4876.8	4980.8	5241.6	5502.3	4555.3	3608.4
8401.9	57.5°	7561.6	6721.2	6066.8	5412.4	5621.0	5829.6	5971.6	6113.6	4820.6	3527.5
9444.1	60°	8544.4	7644.6	7025.3	6406.0	6665.1	6924.2	6703.6	6483.1	4886.8	3290.5
10289.0	62.5°	9433.0	8576.9	8009.5	7442.2	7471.5	7500.7	6898.1	6295.5	4607.7	2920.0
10377.0	65°	9547.0	8716.9	7995.8	7274.9	7163.0	7051.1	6485.5	5920.0	4212.9	2505.8
9767.2	67.5°	8933.6	8099.9	7348.8	6597.6	6545.1	6492.7	5954.8	5416.9	3742.9	2069.0
8807.8	70°	8090.4	7373.0	6701.3	6029.5	6006.0	5982.6	5397.5	4812.4	3230.2	1648.0
7594.3	72.5°	7057.1	6519.8	5994.2	5468.6	5451.8	5434.9	4763.5	4092.1	2674.3	1256.6
6269.7	75°	5891.5	5513.3	5104.4	4695.4	4633.1	4570.7	3875.8	3180.9	2037.1	893.3
4906.9	77.5°	4638.6	4370.3	4059.5	3748.6	3659.3	3570.1	2921.3	2272.7	1425.8	578.9
3552.0	80°	3411.2	3270.3	3035.6	2800.8	2689.9	2578.9	2033.2	1487.5	918.6	349.7
2299.5	82.5°	2240.8	2182.0	2020.4	1858.8	1734.8	1610.9	1237.7	864.6	531.7	198.7
1319.6	85°	1286.2	1252.8	1120.1	987.3	881.9	776.5	578.4	380.4	239.2	97.9
507.0	87.5°	504.2	501.3	434.9	368.5	309.7	250.9	184.3	117.8	78.3	38.9
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°
1427.5	0°	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5
1499.0	2.5°	1486.5	1473.9	1461.3	1449.3	1437.2	1425.6	1412.6	1402.1	1391.6	1382.1
1572.7	5°	1546.8	1520.7	1494.6	1470.2	1445.8	1422.8	1400.1	1380.3	1360.4	1343.7
1641.3	7.5°	1601.7	1563.0	1524.4	1490.4	1456.4	1425.0	1395.6	1369.2	1342.8	1320.9
1694.8	10°	1642.5	1595.6	1548.6	1508.4	1468.1	1429.4	1397.8	1370.0	1342.1	1320.2
1731.7	12.5°	1672.3	1617.0	1561.7	1516.2	1470.6	1429.9	1400.5	1377.7	1355.1	1340.5
1754.7	15°	1690.3	1626.6	1562.9	1510.2	1457.5	1412.4	1388.9	1378.0	1367.1	1369.1
1765.7	17.5°	1695.4	1621.5	1547.5	1484.2	1420.8	1367.8	1353.3	1357.3	1361.2	1385.1
1774.3	20°	1697.1	1607.5	1517.9	1439.3	1360.8	1299.0	1295.2	1313.8	1332.4	1373.9
1785.9	22.5°	1699.3	1590.3	1481.3	1386.7	1292.1	1221.8	1229.3	1256.8	1284.4	1331.7
1807.0	25°	1707.9	1573.3	1438.7	1327.9	1217.1	1145.1	1165.4	1197.1	1228.9	1271.5
1839.8	27.5°	1726.0	1562.0	1397.9	1274.2	1150.4	1084.8	1109.5	1140.2	1170.8	1205.9
1882.4	30°	1750.8	1556.6	1362.4	1229.2	1096.1	1041.0	1060.4	1084.7	1109.1	1138.1
1926.8	32.5°	1772.1	1550.1	1327.9	1190.5	1053.1	1008.7	1017.3	1031.7	1046.1	1069.3
1977.4	35°	1787.8	1537.7	1287.7	1152.4	1017.2	980.2	976.7	980.6	984.6	1002.3
2034.1	37.5°	1797.1	1516.5	1235.9	1107.6	979.4	947.1	934.0	929.7	925.3	938.0
2106.1	40°	1803.0	1487.3	1171.7	1054.2	936.7	907.4	887.4	877.5	867.6	876.7
2200.3	42.5°	1814.1	1457.2	1100.4	995.2	890.0	863.0	837.8	824.7	811.5	819.0
2324.2	45°	1833.6	1429.2	1024.8	932.5	840.3	812.9	788.5	775.7	762.9	769.2
2456.2	47.5°	1847.1	1406.1	965.1	882.9	800.8	765.5	744.5	733.8	723.1	729.0
2578.7	50°	1838.3	1380.9	923.4	850.0	776.6	730.2	705.8	696.3	686.8	696.0
2658.2	52.5°	1784.3	1338.3	892.3	828.3	764.4	711.0	676.9	667.5	658.1	672.0
2640.7	55°	1672.9	1267.7	862.6	812.6	762.6	712.9	661.6	646.7	631.8	651.5
2517.3	57.5°	1507.2	1168.3	829.3	794.0	758.7	714.8	652.4	630.7	609.0	630.1
2287.7	60°	1284.9	1039.1	793.3	765.5	737.7	708.8	643.7	615.6	587.5	606.0
1977.3	62.5°	1034.6	884.5	734.4	716.0	697.6	694.0	633.7	598.5	563.4	575.2
1660.6	65°	815.5	745.5	675.4	666.7	658.0	658.4	612.4	575.0	537.6	542.2
1350.4	67.5°	631.7	611.8	591.9	596.7	601.6	600.4	574.5	543.4	512.3	510.8
1063.2	70°	478.5	484.2	489.8	512.4	534.9	534.9	526.4	504.3	482.1	477.2
812.8	72.5°	369.1	386.2	403.4	435.4	467.4	472.7	472.8	457.7	442.5	435.3
589.9	75°	286.6	302.1	317.7	353.5	389.4	414.1	412.0	400.4	388.6	381.7
399.8	77.5°	220.6	231.2	241.8	276.6	311.4	352.2	351.1	341.8	332.4	325.4
257.6	80°	165.4	169.8	174.2	203.7	233.1	281.8	281.7	273.8	265.9	260.1
158.4	82.5°	118.2	119.0	119.9	141.5	163.2	204.9	207.2	203.3	199.5	195.3
84.7	85°	71.5	71.1	70.7	86.5	102.4	133.4	136.4	132.3	128.2	123.5
35.1	87.5°	31.3	30.9	30.6	37.0	43.5	56.4	60.3	58.6	57.0	56.1
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°
1427.5	0°	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5
1372.7	2.5°	1364.4	1356.2	1347.8	1339.6	1333.2	1326.7	1321.5	1316.3	1312.2	1308.2
1327.1	5°	1312.4	1297.8	1284.5	1271.1	1260.8	1250.5	1243.4	1236.2	1231.1	1226.0
1299.0	7.5°	1280.6	1262.1	1245.7	1229.5	1217.2	1205.1	1196.5	1188.0	1182.1	1176.3
1298.3	10°	1278.4	1258.5	1240.1	1221.8	1207.2	1192.6	1183.1	1173.4	1167.9	1162.4
1326.0	12.5°	1310.4	1294.8	1275.8	1256.8	1238.2	1219.6	1207.3	1195.0	1188.8	1182.6
1371.1	15°	1367.0	1363.0	1346.5	1330.0	1303.5	1277.0	1258.2	1239.5	1230.9	1222.3
1409.0	17.5°	1421.7	1434.3	1421.0	1407.8	1372.6	1337.5	1309.9	1282.3	1269.6	1256.8
1415.4	20°	1442.0	1468.6	1462.4	1456.2	1416.1	1376.0	1342.1	1308.3	1292.1	1275.7
1379.2	22.5°	1413.7	1448.3	1452.0	1455.7	1417.3	1379.0	1344.2	1309.3	1292.1	1274.9
1314.1	25°	1348.1	1382.1	1394.8	1407.5	1376.0	1344.7	1313.7	1282.8	1267.9	1253.0
1240.8	27.5°	1268.1	1295.4	1309.5	1323.7	1301.3	1278.9	1254.9	1230.8	1220.9	1210.8
1167.2	30°	1189.8	1212.5	1224.0	1235.5	1218.4	1201.4	1184.2	1166.9	1161.8	1156.6
1092.5	32.5°	1114.2	1136.0	1148.7	1161.5	1145.9	1130.1	1116.4	1102.7	1099.3	1096.0
1019.9	35°	1041.4	1062.9	1078.3	1093.6	1082.4	1071.3	1058.6	1046.0	1040.9	1035.8
950.6	37.5°	972.1	993.5	1012.5	1031.4	1026.3	1021.1	1009.5	997.8	988.5	979.3
885.8	40°	906.6	927.3	949.1	970.9	972.2	973.4	963.5	953.6	940.1	926.7
826.5	42.5°	846.1	865.7	889.3	912.9	919.2	925.4	917.1	908.7	892.0	875.3
775.5	45°	794.2	812.8	837.2	861.6	870.7	879.7	872.2	864.6	845.5	826.5
734.8	47.5°	753.1	771.3	795.4	819.5	829.9	840.3	835.0	829.8	812.8	795.8
705.2	50°	722.4	739.6	761.2	782.8	796.1	809.5	809.2	808.9	795.4	781.8
685.8	52.5°	701.6	717.3	737.4	757.6	773.4	789.2	792.1	794.9	783.9	772.8
671.1	55°	688.1	705.1	722.7	740.3	757.1	773.9	777.8	781.8	772.1	762.5
651.3	57.5°	671.2	691.2	708.6	726.1	743.0	759.9	763.9	767.9	758.1	748.4
624.6	60°	647.5	670.4	688.0	705.8	722.8	739.8	744.1	748.5	739.0	729.5
586.9	62.5°	613.6	640.3	659.2	678.1	693.7	709.2	713.5	717.7	709.1	700.5
546.7	65°	575.3	603.9	622.0	640.1	653.8	667.5	671.8	676.1	667.8	659.5
509.4	67.5°	535.8	562.3	579.4	596.5	608.3	620.2	624.4	628.6	620.9	613.4
472.3	70°	495.5	518.7	533.5	548.3	559.0	569.7	573.7	577.8	571.6	565.4
428.1	72.5°	446.4	464.6	478.0	491.3	501.8	512.3	517.1	521.9	516.8	511.6
374.8	75°	388.4	402.0	414.1	426.2	435.7	445.2	450.3	455.3	452.8	450.3
318.4	77.5°	329.4	340.4	350.8	361.3	371.3	381.2	386.0	390.7	387.2	383.5
254.2	80°	263.4	272.5	281.3	290.0	297.7	305.2	311.5	317.7	316.2	314.7
191.2	82.5°	190.4	189.6	186.6	183.5	199.7	215.9	226.6	237.2	236.5	235.8
118.9	85°	114.9	110.9	102.4	93.9	109.1	124.3	137.5	150.6	149.5	148.4
55.2	87.5°	55.1	54.9	48.4	41.9	48.3	54.7	60.0	65.3	64.0	62.6
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°
1427.5	0°	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5
1304.4	2.5°	1300.7	1296.0	1300.7	1304.4	1308.2	1312.2	1316.3	1321.5	1326.7	1333.2
1222.1	5°	1218.2	1214.4	1218.2	1222.1	1226.0	1231.1	1236.2	1243.4	1250.5	1260.8
1172.8	7.5°	1169.4	1166.7	1169.4	1172.8	1176.3	1182.1	1188.0	1196.5	1205.1	1217.2
1159.4	10°	1156.4	1155.2	1156.4	1159.4	1162.4	1167.9	1173.4	1183.1	1192.6	1207.2
1180.1	12.5°	1177.6	1177.1	1177.6	1180.1	1182.6	1188.8	1195.0	1207.3	1219.6	1238.2
1219.1	15°	1215.8	1215.5	1215.8	1219.1	1222.3	1230.9	1239.5	1258.2	1277.0	1303.5
1252.7	17.5°	1248.5	1247.8	1248.5	1252.7	1256.8	1269.6	1282.3	1309.9	1337.5	1372.6
1270.5	20°	1265.3	1263.7	1265.3	1270.5	1275.7	1292.1	1308.3	1342.1	1376.0	1416.1
1269.2	22.5°	1263.4	1261.0	1263.4	1269.2	1274.9	1292.1	1309.3	1344.2	1379.0	1417.3
1247.6	25°	1242.2	1239.0	1242.2	1247.6	1253.0	1267.9	1282.8	1313.7	1344.7	1376.0
1208.4	27.5°	1205.9	1205.1	1205.9	1208.4	1210.8	1220.9	1230.8	1254.9	1278.9	1301.3
1156.6	30°	1156.6	1157.4	1156.6	1156.6	1156.6	1161.8	1166.9	1184.2	1201.4	1218.4
1096.4	32.5°	1096.9	1097.7	1096.9	1096.4	1096.0	1099.3	1102.7	1116.4	1130.1	1145.9
1034.7	35°	1033.6	1033.1	1033.6	1034.7	1035.8	1040.9	1046.0	1058.6	1071.3	1082.4
974.4	37.5°	969.5	966.8	969.5	974.4	979.3	988.5	997.8	1009.5	1021.1	1026.3
917.6	40°	908.6	903.3	908.6	917.6	926.7	940.1	953.6	963.5	973.4	972.2
862.1	42.5°	848.9	840.3	848.9	862.1	875.3	892.0	908.7	917.1	925.4	919.2
811.0	45°	795.5	785.5	795.5	811.0	826.5	845.5	864.6	872.2	879.7	870.7
781.4	47.5°	767.1	757.6	767.1	781.4	795.8	812.8	829.8	835.0	840.3	829.9
768.5	50°	755.3	746.1	755.3	768.5	781.8	795.4	808.9	809.2	809.5	796.1
760.9	52.5°	749.1	740.6	749.1	760.9	772.8	783.9	794.9	792.1	789.2	773.4
752.1	55°	741.7	734.0	741.7	752.1	762.5	772.1	781.8	777.8	773.9	757.1
738.1	57.5°	727.7	719.8	727.7	738.1	748.4	758.1	767.9	763.9	759.9	743.0
718.9	60°	708.3	700.0	708.3	718.9	729.5	739.0	748.5	744.1	739.8	722.8
689.3	62.5°	678.1	668.3	678.1	689.3	700.5	709.1	717.7	713.5	709.2	693.7
648.7	65°	637.9	629.4	637.9	648.7	659.5	667.8	676.1	671.8	667.5	653.8
603.3	67.5°	593.2	585.6	593.2	603.3	613.4	620.9	628.6	624.4	620.2	608.3
555.8	70°	546.1	537.4	546.1	555.8	565.4	571.6	577.8	573.7	569.7	559.0
502.4	72.5°	493.3	484.8	493.3	502.4	511.6	516.8	521.9	517.1	512.3	501.8
442.5	75°	434.8	426.7	434.8	442.5	450.3	452.8	455.3	450.3	445.2	435.7
375.8	77.5°	368.0	361.5	368.0	375.8	383.5	387.2	390.7	386.0	381.2	371.3
304.2	80°	293.7	281.6	293.7	304.2	314.7	316.2	317.7	311.5	305.2	297.7
227.0	82.5°	218.1	210.3	218.1	227.0	235.8	236.5	237.2	226.6	215.9	199.7
141.5	85°	134.6	127.6	134.6	141.5	148.4	149.5	150.6	137.5	124.3	109.1
59.0	87.5°	55.4	52.0	55.4	59.0	62.6	64.0	65.3	60.0	54.7	48.3
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°
1427.5	0°	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5
1339.6	2.5°	1347.8	1356.2	1364.4	1372.7	1382.1	1391.6	1402.1	1412.6	1425.6	1437.2
1271.1	5°	1284.5	1297.8	1312.4	1327.1	1343.7	1360.4	1380.3	1400.1	1422.8	1445.8
1229.5	7.5°	1245.7	1262.1	1280.6	1299.0	1320.9	1342.8	1369.2	1395.6	1425.0	1456.4
1221.8	10°	1240.1	1258.5	1278.4	1298.3	1320.2	1342.1	1370.0	1397.8	1429.4	1468.1
1256.8	12.5°	1275.8	1294.8	1310.4	1326.0	1340.5	1355.1	1377.7	1400.5	1429.9	1470.6
1330.0	15°	1346.5	1363.0	1367.0	1371.1	1369.1	1367.1	1378.0	1388.9	1412.4	1457.5
1407.8	17.5°	1421.0	1434.3	1421.7	1409.0	1385.1	1361.2	1357.3	1353.3	1367.8	1420.8
1456.2	20°	1462.4	1468.6	1442.0	1415.4	1373.9	1332.4	1313.8	1295.2	1299.0	1360.8
1455.7	22.5°	1452.0	1448.3	1413.7	1379.2	1331.7	1284.4	1256.8	1229.3	1221.8	1292.1
1407.5	25°	1394.8	1382.1	1348.1	1314.1	1271.5	1228.9	1197.1	1165.4	1145.1	1217.1
1323.7	27.5°	1309.5	1295.4	1268.1	1240.8	1205.9	1170.8	1140.2	1109.5	1084.8	1150.4
1235.5	30°	1224.0	1212.5	1189.8	1167.2	1138.1	1109.1	1084.7	1060.4	1041.0	1096.1
1161.5	32.5°	1148.7	1136.0	1114.2	1092.5	1069.3	1046.1	1031.7	1017.3	1008.7	1053.1
1093.6	35°	1078.3	1062.9	1041.4	1019.9	1002.3	984.6	980.6	976.7	980.2	1017.2
1031.4	37.5°	1012.5	993.5	972.1	950.6	938.0	925.3	929.7	934.0	947.1	979.4
970.9	40°	949.1	927.3	906.6	885.8	876.7	867.6	877.5	887.4	907.4	936.7
912.9	42.5°	889.3	865.7	846.1	826.5	819.0	811.5	824.7	837.8	863.0	890.0
861.6	45°	837.2	812.8	794.2	775.5	769.2	762.9	775.7	788.5	812.9	840.3
819.5	47.5°	795.4	771.3	753.1	734.8	729.0	723.1	733.8	744.5	765.5	800.8
782.8	50°	761.2	739.6	722.4	705.2	696.0	686.8	696.3	705.8	730.2	776.6
757.6	52.5°	737.4	717.3	701.6	685.8	672.0	658.1	667.5	676.9	711.0	764.4
740.3	55°	722.7	705.1	688.1	671.1	651.5	631.8	646.7	661.6	712.9	762.6
726.1	57.5°	708.6	691.2	671.2	651.3	630.1	609.0	630.7	652.4	714.8	758.7
705.8	60°	688.0	670.4	647.5	624.6	606.0	587.5	615.6	643.7	708.8	737.7
678.1	62.5°	659.2	640.3	613.6	586.9	575.2	563.4	598.5	633.7	694.0	697.6
640.1	65°	622.0	603.9	575.3	546.7	542.2	537.6	575.0	612.4	658.4	658.0
596.5	67.5°	579.4	562.3	535.8	509.4	510.8	512.3	543.4	574.5	600.4	601.6
548.3	70°	533.5	518.7	495.5	472.3	477.2	482.1	504.3	526.4	534.9	534.9
491.3	72.5°	478.0	464.6	446.4	428.1	435.3	442.5	457.7	472.8	472.7	467.4
426.2	75°	414.1	402.0	388.4	374.8	381.7	388.6	400.4	412.0	414.1	389.4
361.3	77.5°	350.8	340.4	329.4	318.4	325.4	332.4	341.8	351.1	352.2	311.4
290.0	80°	281.3	272.5	263.4	254.2	260.1	265.9	273.8	281.7	281.8	233.1
183.5	82.5°	186.6	189.6	190.4	191.2	195.3	199.5	203.3	207.2	204.9	163.2
93.9	85°	102.4	110.9	114.9	118.9	123.5	128.2	132.3	136.4	133.4	102.4
41.9	87.5°	48.4	54.9	55.1	55.2	56.1	57.0	58.6	60.3	56.4	43.5
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°
1427.5	0°	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5	1427.5
1449.3	2.5°	1461.3	1473.9	1486.5	1499.0	1511.6	1523.3	1535.1
1470.2	5°	1494.6	1520.7	1546.8	1572.7	1598.7	1624.7	1650.7
1490.4	7.5°	1524.4	1563.0	1601.7	1641.3	1681.0	1723.9	1766.8
1508.4	10°	1548.6	1595.6	1642.5	1694.8	1747.3	1801.5	1855.8
1516.2	12.5°	1561.7	1617.0	1672.3	1731.7	1791.1	1850.7	1910.3
1510.2	15°	1562.9	1626.6	1690.3	1754.7	1819.1	1881.3	1943.5
1484.2	17.5°	1547.5	1621.5	1695.4	1765.7	1836.0	1899.0	1962.1
1439.3	20°	1517.9	1607.5	1697.1	1774.3	1851.6	1917.1	1982.6
1386.7	22.5°	1481.3	1590.3	1699.3	1785.9	1872.5	1939.5	2006.5
1327.9	25°	1438.7	1573.3	1707.9	1807.0	1906.0	1971.5	2037.1
1274.2	27.5°	1397.9	1562.0	1726.0	1839.8	1953.6	2016.2	2078.8
1229.2	30°	1362.4	1556.6	1750.8	1882.4	2014.0	2074.4	2134.9
1190.5	32.5°	1327.9	1550.1	1772.1	1926.8	2081.5	2141.3	2201.2
1152.4	35°	1287.7	1537.7	1787.8	1977.4	2167.1	2224.4	2281.7
1107.6	37.5°	1235.9	1516.5	1797.1	2034.1	2271.1	2344.2	2417.3
1054.2	40°	1171.7	1487.3	1803.0	2106.1	2409.2	2515.7	2622.2
995.2	42.5°	1100.4	1457.2	1814.1	2200.3	2586.4	2740.1	2893.8
932.5	45°	1024.8	1429.2	1833.6	2324.2	2814.7	3022.0	3229.4
882.9	47.5°	965.1	1406.1	1847.1	2456.2	3065.3	3357.1	3648.9
850.0	50°	923.4	1380.9	1838.3	2578.7	3319.0	3759.0	4198.9
828.3	52.5°	892.3	1338.3	1784.3	2658.2	3532.0	4181.1	4830.2
812.6	55°	862.6	1267.7	1672.9	2640.7	3608.4	4555.3	5502.3
794.0	57.5°	829.3	1168.3	1507.2	2517.3	3527.5	4820.6	6113.6
765.5	60°	793.3	1039.1	1284.9	2287.7	3290.5	4886.8	6483.1
716.0	62.5°	734.4	884.5	1034.6	1977.3	2920.0	4607.7	6295.5
666.7	65°	675.4	745.5	815.5	1660.6	2505.8	4212.9	5920.0
596.7	67.5°	591.9	611.8	631.7	1350.4	2069.0	3742.9	5416.9
512.4	70°	489.8	484.2	478.5	1063.2	1648.0	3230.2	4812.4
435.4	72.5°	403.4	386.2	369.1	812.8	1256.6	2674.3	4092.1
353.5	75°	317.7	302.1	286.6	589.9	893.3	2037.1	3180.9
276.6	77.5°	241.8	231.2	220.6	399.8	578.9	1425.8	2272.7
203.7	80°	174.2	169.8	165.4	257.6	349.7	918.6	1487.5
141.5	82.5°	119.9	119.0	118.2	158.4	198.7	531.7	864.6
86.5	85°	70.7	71.1	71.5	84.7	97.9	239.2	380.4
37.0	87.5°	30.6	30.9	31.3	35.1	38.9	78.3	117.8
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)