

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: P948305

Luminaire Tested: **GALN-SB3B-927-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P948305
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-SB3B-927-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 90 CRI, 2700K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10247 lumens
Efficiency: N/A
Efficacy: 93.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

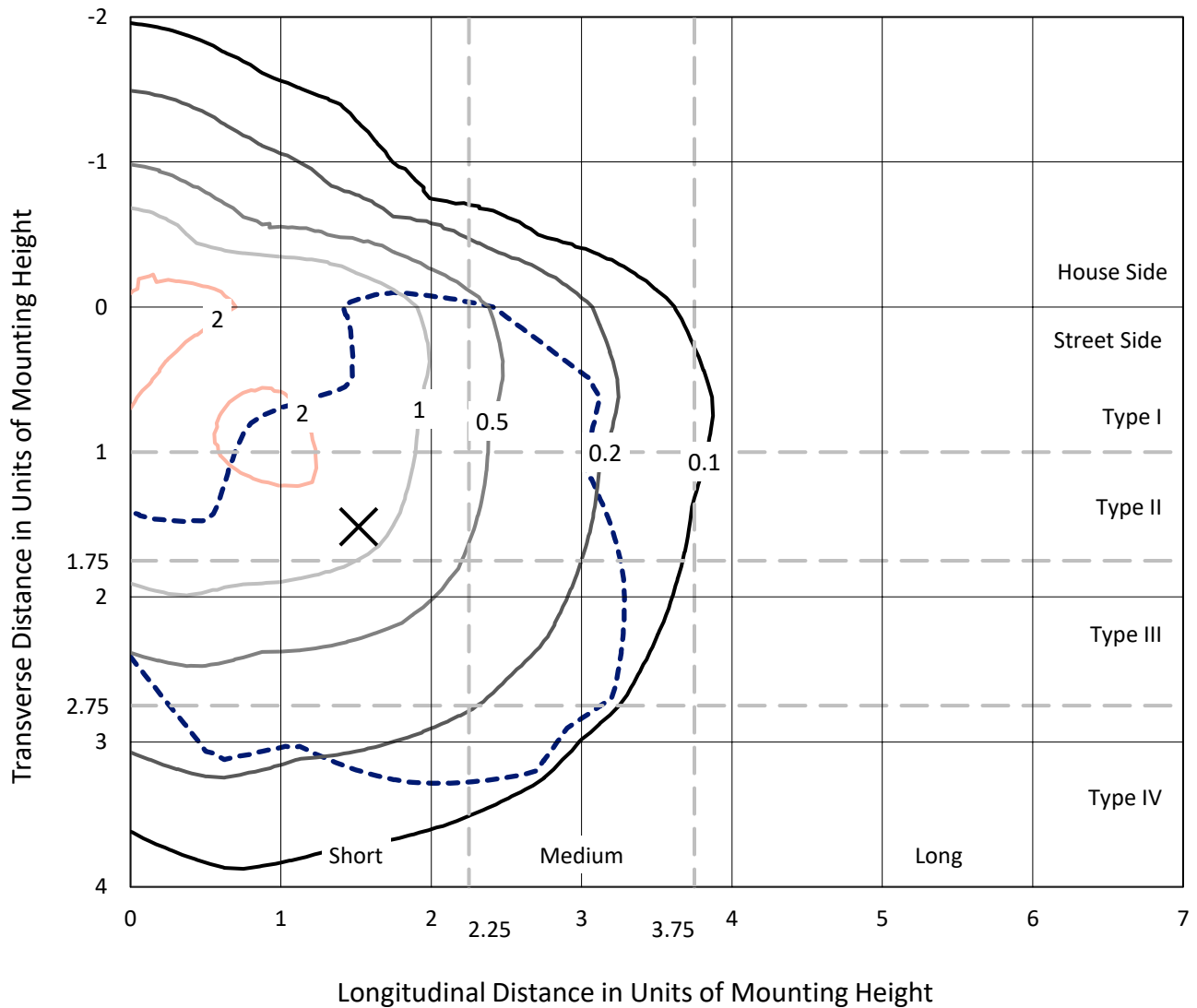
Input Watts (W): 109.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

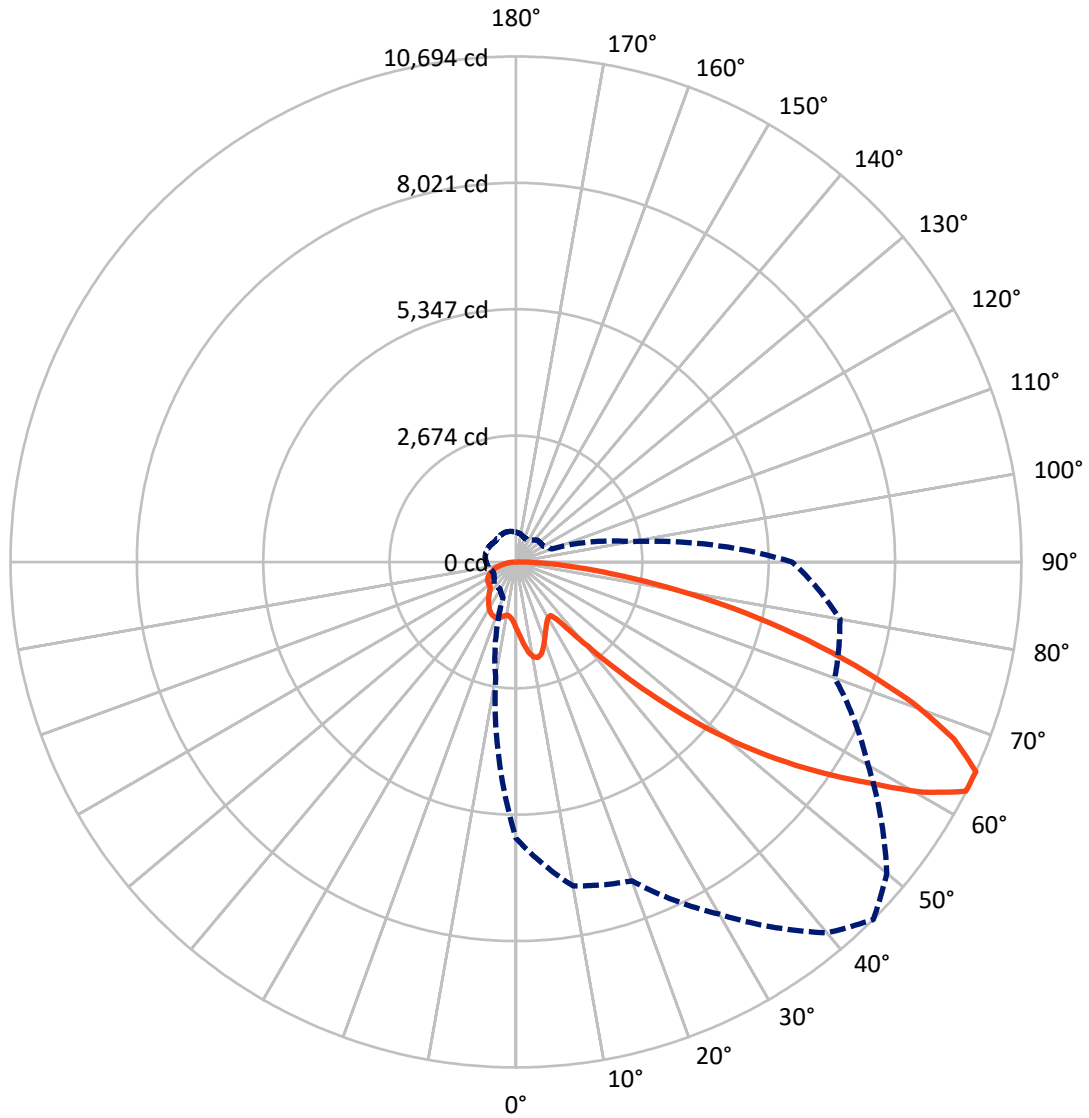
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.1 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	2604.3	0.0	2604.3
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	7642.7	0.0	7642.7
	% Fixture	74.6	0.0	74.6
Total	Lumens	10247.0	0.0	10247.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	139.8	1.4
10°-20°	438.8	4.3
20°-30°	677.8	6.6
30°-40°	858.9	8.4
40°-50°	1295.5	12.6
50°-60°	2093.0	20.4
60°-70°	2609.3	25.5
70°-80°	1711.0	16.7
80°-90°	423.0	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°	10247.0	100.0
0°-180°	10247.0	100.0

Coefficient of Utilization



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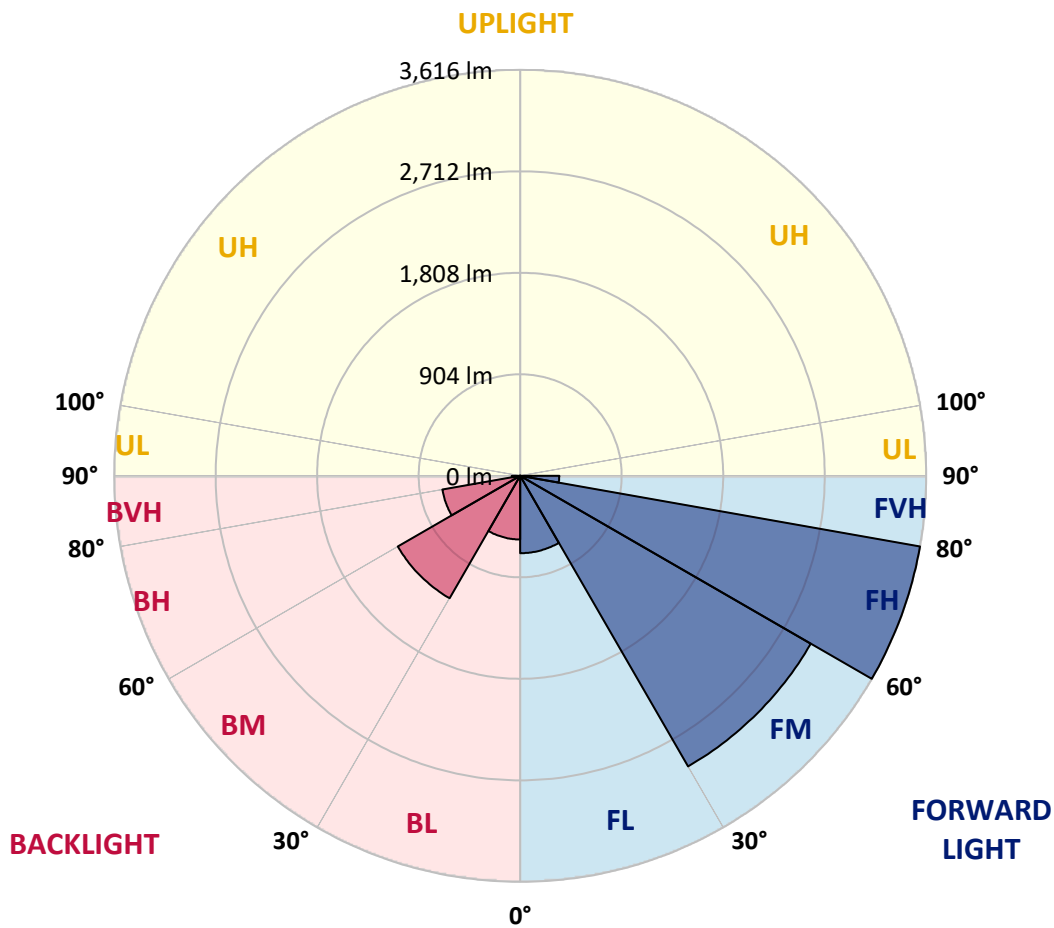
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	689.2	6.7			
FM (30°-60°)	2988.8	29.2			
FH (60°-80°)	3616.2	35.3			G2/5000
FVH (80°-90°)	348.5	3.4			G3/500
BL (0°-30°)	567.1	5.5	B2/1000		
BM (30°-60°)	1258.5	12.3	B2/2500		
BH (60°-80°)	704.1	6.9	B2/1000		G2/1000
BVH (80°-90°)	74.5	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°	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1
2.5°	1515.3	1521.0	1526.8	1535.0	1543.1	1548.0	1552.9	1555.3	1557.7	1556.7
5°	1629.4	1649.4	1669.6	1689.5	1709.4	1720.2	1731.0	1737.6	1744.2	1749.1
7.5°	1744.0	1776.7	1809.3	1838.6	1868.0	1885.7	1903.4	1912.9	1922.4	1927.0
10°	1831.9	1870.5	1909.1	1943.5	1978.0	1998.8	2019.6	2028.9	2038.1	2041.7
12.5°	1885.7	1927.5	1969.3	2000.5	2031.5	2046.6	2061.8	2066.9	2071.9	2072.5
15°	1918.4	1954.5	1990.6	2010.1	2029.7	2030.2	2030.7	2025.3	2019.9	2013.5
17.5°	1936.8	1961.2	1985.5	1985.9	1986.2	1964.3	1942.4	1922.4	1902.3	1888.1
20°	1957.0	1965.5	1974.1	1948.4	1922.7	1874.4	1826.0	1790.8	1755.6	1734.0
22.5°	1980.6	1969.4	1958.3	1905.1	1851.9	1780.8	1709.7	1665.7	1621.7	1597.8
25°	2010.8	1975.7	1940.6	1859.8	1779.0	1692.6	1606.3	1560.0	1513.8	1491.2
27.5°	2051.9	1989.1	1926.2	1819.2	1712.3	1616.6	1520.9	1475.3	1429.9	1408.5
30°	2107.4	2013.7	1920.0	1788.3	1656.6	1556.9	1457.2	1414.9	1372.7	1352.8
32.5°	2172.8	2044.5	1916.2	1767.2	1618.2	1524.5	1430.8	1397.6	1364.4	1350.1
35°	2252.3	2095.2	1938.3	1783.0	1627.8	1562.7	1497.6	1489.9	1482.2	1481.0
37.5°	2386.1	2201.4	2016.7	1875.6	1734.4	1730.2	1726.0	1761.4	1796.7	1815.1
40°	2588.3	2387.4	2186.6	2081.6	1976.7	2050.7	2124.8	2210.8	2296.8	2339.6
42.5°	2856.5	2657.2	2457.9	2397.4	2337.0	2498.6	2660.1	2816.5	2972.8	3064.7
45°	3187.7	3008.6	2829.6	2802.9	2776.2	3035.0	3293.9	3550.9	3807.8	3963.8
47.5°	3601.8	3427.7	3253.5	3248.1	3242.7	3616.1	3989.4	4365.5	4741.6	4962.5
50°	4144.7	3929.6	3714.5	3715.4	3716.3	4197.5	4678.7	5175.3	5671.8	5972.0
52.5°	4767.8	4507.3	4246.9	4220.6	4194.2	4769.0	5343.8	5958.1	6572.4	6932.2
55°	5431.3	5173.9	4916.5	4813.9	4711.2	5350.9	5990.6	6723.0	7455.4	7883.3
57.5°	6034.7	5894.5	5754.3	5548.4	5342.5	5988.5	6634.4	7464.0	8293.4	8824.1
60°	6399.4	6617.1	6834.8	6579.1	6323.3	6934.6	7545.9	8434.1	9322.2	9895.8
62.5°	6214.2	6809.0	7403.8	7375.0	7346.2	7906.1	8466.2	9311.2	10156.1	10686.3
65°	5843.6	6401.8	6960.1	7070.6	7181.0	7892.6	8604.3	9423.7	10243.0	10694.4
67.5°	5346.9	5877.9	6408.9	6460.7	6512.4	7253.9	7995.4	8818.2	9641.1	9994.7
70°	4750.3	5327.8	5905.4	5928.5	5951.7	6614.8	7277.9	7986.0	8694.1	8890.6
72.5°	4039.3	4702.0	5364.8	5381.4	5398.0	5916.8	6435.6	6966.0	7496.3	7516.2
75°	3139.8	3825.7	4511.7	4573.3	4634.8	5038.5	5442.1	5815.4	6188.8	6088.8
77.5°	2243.3	2883.6	3524.0	3612.1	3700.2	4007.1	4313.9	4578.7	4843.5	4671.6
80°	1468.3	2007.0	2545.6	2655.1	2764.7	2996.4	3228.1	3367.1	3506.1	3229.6
82.5°	853.5	1221.8	1590.1	1712.4	1834.8	1994.4	2153.9	2211.9	2269.8	2052.5
85°	375.5	571.0	766.4	870.5	974.6	1105.7	1236.7	1269.6	1302.5	1128.4
87.5°	116.2	181.9	247.6	305.7	363.8	429.3	494.8	497.7	500.4	420.1
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°
1409.1	0°	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1
1557.7	2.5°	1555.3	1552.9	1548.0	1543.1	1535.0	1526.8	1521.0	1515.3	1503.7	1492.0
1744.2	5°	1737.6	1731.0	1720.2	1709.4	1689.5	1669.6	1649.4	1629.4	1603.7	1578.0
1922.4	7.5°	1912.9	1903.4	1885.7	1868.0	1838.6	1809.3	1776.7	1744.0	1701.6	1659.3
2038.1	10°	2028.9	2019.6	1998.8	1978.0	1943.5	1909.1	1870.5	1831.9	1778.3	1724.7
2071.9	12.5°	2066.9	2061.8	2046.6	2031.5	2000.5	1969.3	1927.5	1885.7	1826.8	1768.0
2019.9	15°	2025.3	2030.7	2030.2	2029.7	2010.1	1990.6	1954.5	1918.4	1857.0	1795.6
1902.3	17.5°	1922.4	1942.4	1964.3	1986.2	1985.9	1985.5	1961.2	1936.8	1874.5	1812.3
1755.6	20°	1790.8	1826.0	1874.4	1922.7	1948.4	1974.1	1965.5	1957.0	1892.4	1827.7
1621.7	22.5°	1665.7	1709.7	1780.8	1851.9	1905.1	1958.3	1969.4	1980.6	1914.5	1848.4
1513.8	25°	1560.0	1606.3	1692.6	1779.0	1859.8	1940.6	1975.7	2010.8	1946.1	1881.3
1429.9	27.5°	1475.3	1520.9	1616.6	1712.3	1819.2	1926.2	1989.1	2051.9	1990.2	1928.4
1372.7	30°	1414.9	1457.2	1556.9	1656.6	1788.3	1920.0	2013.7	2107.4	2047.7	1988.0
1364.4	32.5°	1397.6	1430.8	1524.5	1618.2	1767.2	1916.2	2044.5	2172.8	2113.7	2054.6
1482.2	35°	1489.9	1497.6	1562.7	1627.8	1783.0	1938.3	2095.2	2252.3	2195.7	2139.1
1796.7	37.5°	1761.4	1726.0	1730.2	1734.4	1875.6	2016.7	2201.4	2386.1	2314.0	2241.8
2296.8	40°	2210.8	2124.8	2050.7	1976.7	2081.6	2186.6	2387.4	2588.3	2483.2	2378.1
2972.8	42.5°	2816.5	2660.1	2498.6	2337.0	2397.4	2457.9	2657.2	2856.5	2704.8	2553.1
3807.8	45°	3550.9	3293.9	3035.0	2776.2	2802.9	2829.6	3008.6	3187.7	2983.0	2778.4
4741.6	47.5°	4365.5	3989.4	3616.1	3242.7	3248.1	3253.5	3427.7	3601.8	3313.8	3025.7
5671.8	50°	5175.3	4678.7	4197.5	3716.3	3715.4	3714.5	3929.6	4144.7	3710.5	3276.2
6572.4	52.5°	5958.1	5343.8	4769.0	4194.2	4220.6	4246.9	4507.3	4767.8	4127.1	3486.4
7455.4	55°	6723.0	5990.6	5350.9	4711.2	4813.9	4916.5	5173.9	5431.3	4496.5	3561.8
8293.4	57.5°	7464.0	6634.4	5988.5	5342.5	5548.4	5754.3	5894.5	6034.7	4758.3	3482.0
9322.2	60°	8434.1	7545.9	6934.6	6323.3	6579.1	6834.8	6617.1	6399.4	4823.8	3248.1
10156.1	62.5°	9311.2	8466.2	7906.1	7346.2	7375.0	7403.8	6809.0	6214.2	4548.3	2882.3
10243.0	65°	9423.7	8604.3	7892.6	7181.0	7070.6	6960.1	6401.8	5843.6	4158.5	2473.4
9641.1	67.5°	8818.2	7995.4	7253.9	6512.4	6460.7	6408.9	5877.9	5346.9	3694.6	2042.3
8694.1	70°	7986.0	7277.9	6614.8	5951.7	5928.5	5905.4	5327.8	4750.3	3188.5	1626.7
7496.3	72.5°	6966.0	6435.6	5916.8	5398.0	5381.4	5364.8	4702.0	4039.3	2639.8	1240.4
6188.8	75°	5815.4	5442.1	5038.5	4634.8	4573.3	4511.7	3825.7	3139.8	2010.8	881.8
4843.5	77.5°	4578.7	4313.9	4007.1	3700.2	3612.1	3524.0	2883.6	2243.3	1407.4	571.4
3506.1	80°	3367.1	3228.1	2996.4	2764.7	2655.1	2545.6	2007.0	1468.3	906.7	345.2
2269.8	82.5°	2211.9	2153.9	1994.4	1834.8	1712.4	1590.1	1221.8	853.5	524.8	196.2
1302.5	85°	1269.6	1236.7	1105.7	974.6	870.5	766.4	571.0	375.5	236.1	96.7
500.4	87.5°	497.7	494.8	429.3	363.8	305.7	247.6	181.9	116.2	77.3	38.4
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°
1409.1	0°	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1
1479.7	2.5°	1467.3	1454.9	1442.5	1430.6	1418.7	1407.2	1394.3	1384.0	1373.6	1364.3
1552.4	5°	1526.8	1501.0	1475.3	1451.2	1427.2	1404.5	1382.0	1362.4	1342.8	1326.4
1620.1	7.5°	1581.0	1542.9	1504.8	1471.2	1437.6	1406.6	1377.6	1351.5	1325.5	1303.9
1673.0	10°	1621.3	1575.0	1528.7	1489.0	1449.2	1410.9	1379.7	1352.3	1324.8	1303.2
1709.4	12.5°	1650.7	1596.1	1541.5	1496.6	1451.7	1411.5	1382.4	1360.0	1337.6	1323.2
1732.1	15°	1668.5	1605.6	1542.7	1490.7	1438.7	1394.2	1370.9	1360.2	1349.5	1351.4
1742.9	17.5°	1673.6	1600.6	1527.6	1465.0	1402.5	1350.1	1335.8	1339.7	1343.6	1367.2
1751.4	20°	1675.2	1586.7	1498.3	1420.7	1343.2	1282.3	1278.5	1296.9	1315.2	1356.2
1762.9	22.5°	1677.3	1569.7	1462.1	1368.8	1275.4	1206.0	1213.4	1240.6	1267.8	1314.5
1783.6	25°	1685.9	1553.0	1420.1	1310.8	1201.4	1130.3	1150.3	1181.7	1213.0	1255.1
1816.1	27.5°	1703.7	1541.8	1379.9	1257.7	1135.6	1070.8	1095.2	1125.5	1155.7	1190.3
1858.1	30°	1728.2	1536.5	1344.8	1213.4	1081.9	1027.6	1046.7	1070.7	1094.8	1123.5
1901.9	32.5°	1749.3	1530.1	1310.8	1175.1	1039.5	995.7	1004.2	1018.4	1032.6	1055.5
1951.9	35°	1764.7	1517.8	1271.1	1137.6	1004.1	967.6	964.1	968.0	971.9	989.4
2007.9	37.5°	1773.9	1496.9	1219.9	1093.3	966.8	934.9	922.0	917.7	913.3	925.9
2078.9	40°	1779.7	1468.1	1156.5	1040.6	924.6	895.7	875.9	866.1	856.4	865.4
2171.9	42.5°	1790.7	1438.4	1086.1	982.3	878.5	851.9	827.0	814.0	801.0	808.4
2294.2	45°	1810.0	1410.7	1011.5	920.5	829.4	802.4	778.3	765.7	753.1	759.2
2424.5	47.5°	1823.2	1387.9	952.6	871.5	790.5	755.6	734.9	724.3	713.7	719.6
2545.4	50°	1814.6	1363.0	911.5	839.1	766.6	720.7	696.7	687.3	677.9	687.0
2623.9	52.5°	1761.3	1321.0	880.8	817.6	754.5	701.8	668.2	658.9	649.6	663.3
2606.6	55°	1651.3	1251.4	851.5	802.1	752.8	703.7	653.1	638.3	623.7	643.1
2484.8	57.5°	1487.7	1153.2	818.6	783.7	748.9	705.6	644.0	622.6	601.1	622.0
2258.2	60°	1268.4	1025.7	783.0	755.6	728.2	699.7	635.4	607.7	579.9	598.2
1951.8	62.5°	1021.3	873.1	725.0	706.7	688.6	685.1	625.5	590.8	556.1	567.7
1639.2	65°	805.0	735.8	666.7	658.1	649.5	649.9	604.5	567.6	530.7	535.2
1332.9	67.5°	623.5	603.9	584.2	589.0	593.8	592.6	567.1	536.4	505.7	504.3
1049.5	70°	472.3	477.9	483.5	505.8	528.0	528.0	519.6	497.8	475.9	471.1
802.3	72.5°	364.3	381.2	398.2	429.8	461.3	466.6	466.7	451.8	436.8	429.6
582.3	75°	282.9	298.2	313.6	349.0	384.3	408.8	406.7	395.2	383.6	376.8
394.6	77.5°	217.8	228.2	238.7	273.1	307.4	347.7	346.6	337.3	328.1	321.2
254.2	80°	163.3	167.6	171.9	201.0	230.1	278.2	278.0	270.3	262.5	256.7
156.4	82.5°	116.7	117.4	118.3	139.7	161.1	202.2	204.5	200.7	196.9	192.8
83.6	85°	70.6	70.2	69.7	85.4	101.1	131.7	134.6	130.6	126.5	121.9
34.7	87.5°	30.9	30.5	30.2	36.6	43.0	55.7	59.5	57.9	56.2	55.4
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
1409.1	0°	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1
1355.0	2.5°	1346.8	1338.7	1330.4	1322.3	1315.9	1309.6	1304.4	1299.3	1295.3	1291.3
1310.0	5°	1295.5	1281.0	1267.9	1254.7	1244.6	1234.4	1227.3	1220.2	1215.2	1210.2
1282.3	7.5°	1264.0	1245.8	1229.6	1213.6	1201.5	1189.5	1181.1	1172.7	1166.9	1161.1
1281.6	10°	1261.9	1242.2	1224.1	1206.0	1191.6	1177.2	1167.8	1158.3	1152.8	1147.4
1308.9	12.5°	1293.5	1278.1	1259.3	1240.6	1222.2	1203.9	1191.7	1179.5	1173.4	1167.4
1353.4	15°	1349.4	1345.4	1329.1	1312.8	1286.6	1260.5	1242.0	1223.5	1215.0	1206.6
1390.8	17.5°	1403.3	1415.8	1402.7	1389.6	1354.9	1320.3	1293.0	1265.8	1253.2	1240.6
1397.2	20°	1423.4	1449.6	1443.5	1437.4	1397.8	1358.2	1324.8	1291.4	1275.4	1259.3
1361.4	22.5°	1395.5	1429.6	1433.3	1436.9	1399.0	1361.2	1326.8	1292.4	1275.4	1258.5
1297.1	25°	1330.7	1364.3	1376.8	1389.3	1358.3	1327.3	1296.7	1266.2	1251.5	1236.8
1224.8	27.5°	1251.7	1278.6	1292.6	1306.6	1284.5	1262.4	1238.7	1214.9	1205.1	1195.2
1152.1	30°	1174.4	1196.8	1208.2	1219.5	1202.7	1185.9	1168.9	1151.8	1146.8	1141.7
1078.4	32.5°	1099.8	1121.3	1133.9	1146.5	1131.1	1115.6	1102.0	1088.4	1085.1	1081.8
1006.8	35°	1028.0	1049.2	1064.4	1079.5	1068.5	1057.5	1044.9	1032.5	1027.4	1022.5
938.4	37.5°	959.5	980.7	999.4	1018.1	1013.0	1008.0	996.4	984.9	975.7	966.7
874.4	40°	894.8	915.3	936.8	958.4	959.6	960.8	951.0	941.2	927.9	914.7
815.8	42.5°	835.2	854.6	877.8	901.1	907.3	913.5	905.2	897.0	880.5	864.0
765.5	45°	783.9	802.3	826.4	850.5	859.4	868.4	860.9	853.5	834.6	815.8
725.3	47.5°	743.3	761.3	785.1	808.9	819.2	829.4	824.2	819.0	802.3	785.5
696.1	50°	713.1	730.0	751.3	772.7	785.8	799.0	798.7	798.5	785.1	771.7
676.9	52.5°	692.5	708.0	727.9	747.8	763.4	779.0	781.8	784.7	773.7	762.8
662.5	55°	679.2	696.0	713.4	730.7	747.3	763.9	767.8	771.7	762.2	752.6
642.9	57.5°	662.6	682.2	699.4	716.7	733.4	750.1	754.0	757.9	748.3	738.7
616.5	60°	639.1	661.7	679.2	696.7	713.4	730.2	734.5	738.9	729.5	720.1
579.4	62.5°	605.7	632.1	650.7	669.4	684.7	700.1	704.3	708.4	699.9	691.4
539.6	65°	567.8	596.1	614.0	631.8	645.3	658.8	663.1	667.3	659.2	651.0
502.8	67.5°	528.9	555.0	571.9	588.8	600.5	612.2	616.3	620.4	612.9	605.5
466.2	70°	489.1	512.0	526.6	541.2	551.8	562.3	566.3	570.3	564.2	558.1
422.6	72.5°	440.6	458.6	471.8	485.0	495.3	505.7	510.4	515.2	510.1	505.0
369.9	75°	383.4	396.8	408.7	420.7	430.1	439.5	444.5	449.4	446.9	444.5
314.3	77.5°	325.2	336.0	346.3	356.6	366.5	376.3	381.0	385.6	382.2	378.6
250.9	80°	260.0	269.0	277.6	286.3	293.8	301.3	307.4	313.6	312.1	310.6
188.7	82.5°	187.9	187.2	184.2	181.1	197.1	213.1	223.6	234.1	233.5	232.8
117.3	85°	113.4	109.5	101.1	92.7	107.7	122.7	135.7	148.7	147.6	146.5
54.5	87.5°	54.3	54.2	47.8	41.4	47.6	54.0	59.2	64.5	63.2	61.7
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
1409.1	0°	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1
1287.6	2.5°	1283.9	1279.3	1283.9	1287.6	1291.3	1295.3	1299.3	1304.4	1309.6	1315.9
1206.3	5°	1202.5	1198.7	1202.5	1206.3	1210.2	1215.2	1220.2	1227.3	1234.4	1244.6
1157.7	7.5°	1154.3	1151.7	1154.3	1157.7	1161.1	1166.9	1172.7	1181.1	1189.5	1201.5
1144.4	10°	1141.5	1140.3	1141.5	1144.4	1147.4	1152.8	1158.3	1167.8	1177.2	1191.6
1164.9	12.5°	1162.4	1162.0	1162.4	1164.9	1167.4	1173.4	1179.5	1191.7	1203.9	1222.2
1203.3	15°	1200.1	1199.8	1200.1	1203.3	1206.6	1215.0	1223.5	1242.0	1260.5	1286.6
1236.5	17.5°	1232.4	1231.7	1232.4	1236.5	1240.6	1253.2	1265.8	1293.0	1320.3	1354.9
1254.1	20°	1249.0	1247.4	1249.0	1254.1	1259.3	1275.4	1291.4	1324.8	1358.2	1397.8
1252.8	22.5°	1247.1	1244.7	1247.1	1252.8	1258.5	1275.4	1292.4	1326.8	1361.2	1399.0
1231.5	25°	1226.2	1223.1	1226.2	1231.5	1236.8	1251.5	1266.2	1296.7	1327.3	1358.3
1192.8	27.5°	1190.3	1189.5	1190.3	1192.8	1195.2	1205.1	1214.9	1238.7	1262.4	1284.5
1141.7	30°	1141.7	1142.5	1141.7	1141.7	1141.7	1146.8	1151.8	1168.9	1185.9	1202.7
1082.3	32.5°	1082.7	1083.6	1082.7	1082.3	1081.8	1085.1	1088.4	1102.0	1115.6	1131.1
1021.4	35°	1020.3	1019.8	1020.3	1021.4	1022.5	1027.4	1032.5	1044.9	1057.5	1068.5
961.8	37.5°	957.0	954.3	957.0	961.8	966.7	975.7	984.9	996.4	1008.0	1013.0
905.8	40°	896.9	891.6	896.9	905.8	914.7	927.9	941.2	951.0	960.8	959.6
851.0	42.5°	838.0	829.4	838.0	851.0	864.0	880.5	897.0	905.2	913.5	907.3
800.5	45°	785.2	775.4	785.2	800.5	815.8	834.6	853.5	860.9	868.4	859.4
771.4	47.5°	757.2	747.8	757.2	771.4	785.5	802.3	819.0	824.2	829.4	819.2
758.6	50°	745.5	736.4	745.5	758.6	771.7	785.1	798.5	798.7	799.0	785.8
751.1	52.5°	739.4	731.0	739.4	751.1	762.8	773.7	784.7	781.8	779.0	763.4
742.4	55°	732.1	724.5	732.1	742.4	752.6	762.2	771.7	767.8	763.9	747.3
728.5	57.5°	718.3	710.5	718.3	728.5	738.7	748.3	757.9	754.0	750.1	733.4
709.6	60°	699.1	691.0	699.1	709.6	720.1	729.5	738.9	734.5	730.2	713.4
680.4	62.5°	669.4	659.6	669.4	680.4	691.4	699.9	708.4	704.3	700.1	684.7
640.3	65°	629.6	621.3	629.6	640.3	651.0	659.2	667.3	663.1	658.8	645.3
595.5	67.5°	585.6	578.0	585.6	595.5	605.5	612.9	620.4	616.3	612.2	600.5
548.6	70°	539.1	530.4	539.1	548.6	558.1	564.2	570.3	566.3	562.3	551.8
495.9	72.5°	486.9	478.5	486.9	495.9	505.0	510.1	515.2	510.4	505.7	495.3
436.8	75°	429.2	421.2	429.2	436.8	444.5	446.9	449.4	444.5	439.5	430.1
370.9	77.5°	363.2	356.9	363.2	370.9	378.6	382.2	385.6	381.0	376.3	366.5
300.3	80°	289.9	277.9	289.9	300.3	310.6	312.1	313.6	307.4	301.3	293.8
224.1	82.5°	215.3	207.6	215.3	224.1	232.8	233.5	234.1	223.6	213.1	197.1
139.7	85°	132.9	126.0	132.9	139.7	146.5	147.6	148.7	135.7	122.7	107.7
58.3	87.5°	54.7	51.4	54.7	58.3	61.7	63.2	64.5	59.2	54.0	47.6
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
1409.1	0°	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1
1322.3	2.5°	1330.4	1338.7	1346.8	1355.0	1364.3	1373.6	1384.0	1394.3	1407.2	1418.7
1254.7	5°	1267.9	1281.0	1295.5	1310.0	1326.4	1342.8	1362.4	1382.0	1404.5	1427.2
1213.6	7.5°	1229.6	1245.8	1264.0	1282.3	1303.9	1325.5	1351.5	1377.6	1406.6	1437.6
1206.0	10°	1224.1	1242.2	1261.9	1281.6	1303.2	1324.8	1352.3	1379.7	1410.9	1449.2
1240.6	12.5°	1259.3	1278.1	1293.5	1308.9	1323.2	1337.6	1360.0	1382.4	1411.5	1451.7
1312.8	15°	1329.1	1345.4	1349.4	1353.4	1351.4	1349.5	1360.2	1370.9	1394.2	1438.7
1389.6	17.5°	1402.7	1415.8	1403.3	1390.8	1367.2	1343.6	1339.7	1335.8	1350.1	1402.5
1437.4	20°	1443.5	1449.6	1423.4	1397.2	1356.2	1315.2	1296.9	1278.5	1282.3	1343.2
1436.9	22.5°	1433.3	1429.6	1395.5	1361.4	1314.5	1267.8	1240.6	1213.4	1206.0	1275.4
1389.3	25°	1376.8	1364.3	1330.7	1297.1	1255.1	1213.0	1181.7	1150.3	1130.3	1201.4
1306.6	27.5°	1292.6	1278.6	1251.7	1224.8	1190.3	1155.7	1125.5	1095.2	1070.8	1135.6
1219.5	30°	1208.2	1196.8	1174.4	1152.1	1123.5	1094.8	1070.7	1046.7	1027.6	1081.9
1146.5	32.5°	1133.9	1121.3	1099.8	1078.4	1055.5	1032.6	1018.4	1004.2	995.7	1039.5
1079.5	35°	1064.4	1049.2	1028.0	1006.8	989.4	971.9	968.0	964.1	967.6	1004.1
1018.1	37.5°	999.4	980.7	959.5	938.4	925.9	913.3	917.7	922.0	934.9	966.8
958.4	40°	936.8	915.3	894.8	874.4	865.4	856.4	866.1	875.9	895.7	924.6
901.1	42.5°	877.8	854.6	835.2	815.8	808.4	801.0	814.0	827.0	851.9	878.5
850.5	45°	826.4	802.3	783.9	765.5	759.2	753.1	765.7	778.3	802.4	829.4
808.9	47.5°	785.1	761.3	743.3	725.3	719.6	713.7	724.3	734.9	755.6	790.5
772.7	50°	751.3	730.0	713.1	696.1	687.0	677.9	687.3	696.7	720.7	766.6
747.8	52.5°	727.9	708.0	692.5	676.9	663.3	649.6	658.9	668.2	701.8	754.5
730.7	55°	713.4	696.0	679.2	662.5	643.1	623.7	638.3	653.1	703.7	752.8
716.7	57.5°	699.4	682.2	662.6	642.9	622.0	601.1	622.6	644.0	705.6	748.9
696.7	60°	679.2	661.7	639.1	616.5	598.2	579.9	607.7	635.4	699.7	728.2
669.4	62.5°	650.7	632.1	605.7	579.4	567.7	556.1	590.8	625.5	685.1	688.6
631.8	65°	614.0	596.1	567.8	539.6	535.2	530.7	567.6	604.5	649.9	649.5
588.8	67.5°	571.9	555.0	528.9	502.8	504.3	505.7	536.4	567.1	592.6	593.8
541.2	70°	526.6	512.0	489.1	466.2	471.1	475.9	497.8	519.6	528.0	528.0
485.0	72.5°	471.8	458.6	440.6	422.6	429.6	436.8	451.8	466.7	466.6	461.3
420.7	75°	408.7	396.8	383.4	369.9	376.8	383.6	395.2	406.7	408.8	384.3
356.6	77.5°	346.3	336.0	325.2	314.3	321.2	328.1	337.3	346.6	347.7	307.4
286.3	80°	277.6	269.0	260.0	250.9	256.7	262.5	270.3	278.0	278.2	230.1
181.1	82.5°	184.2	187.2	187.9	188.7	192.8	196.9	200.7	204.5	202.2	161.1
92.7	85°	101.1	109.5	113.4	117.3	121.9	126.5	130.6	134.6	131.7	101.1
41.4	87.5°	47.8	54.2	54.3	54.5	55.4	56.2	57.9	59.5	55.7	43.0
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):

325°		330°	335°	340°	345°	350°	355°	360°
1409.1	0°	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1	1409.1
1430.6	2.5°	1442.5	1454.9	1467.3	1479.7	1492.0	1503.7	1515.3
1451.2	5°	1475.3	1501.0	1526.8	1552.4	1578.0	1603.7	1629.4
1471.2	7.5°	1504.8	1542.9	1581.0	1620.1	1659.3	1701.6	1744.0
1489.0	10°	1528.7	1575.0	1621.3	1673.0	1724.7	1778.3	1831.9
1496.6	12.5°	1541.5	1596.1	1650.7	1709.4	1768.0	1826.8	1885.7
1490.7	15°	1542.7	1605.6	1668.5	1732.1	1795.6	1857.0	1918.4
1465.0	17.5°	1527.6	1600.6	1673.6	1742.9	1812.3	1874.5	1936.8
1420.7	20°	1498.3	1586.7	1675.2	1751.4	1827.7	1892.4	1957.0
1368.8	22.5°	1462.1	1569.7	1677.3	1762.9	1848.4	1914.5	1980.6
1310.8	25°	1420.1	1553.0	1685.9	1783.6	1881.3	1946.1	2010.8
1257.7	27.5°	1379.9	1541.8	1703.7	1816.1	1928.4	1990.2	2051.9
1213.4	30°	1344.8	1536.5	1728.2	1858.1	1988.0	2047.7	2107.4
1175.1	32.5°	1310.8	1530.1	1749.3	1901.9	2054.6	2113.7	2172.8
1137.6	35°	1271.1	1517.8	1764.7	1951.9	2139.1	2195.7	2252.3
1093.3	37.5°	1219.9	1496.9	1773.9	2007.9	2241.8	2314.0	2386.1
1040.6	40°	1156.5	1468.1	1779.7	2078.9	2378.1	2483.2	2588.3
982.3	42.5°	1086.1	1438.4	1790.7	2171.9	2553.1	2704.8	2856.5
920.5	45°	1011.5	1410.7	1810.0	2294.2	2778.4	2983.0	3187.7
871.5	47.5°	952.6	1387.9	1823.2	2424.5	3025.7	3313.8	3601.8
839.1	50°	911.5	1363.0	1814.6	2545.4	3276.2	3710.5	4144.7
817.6	52.5°	880.8	1321.0	1761.3	2623.9	3486.4	4127.1	4767.8
802.1	55°	851.5	1251.4	1651.3	2606.6	3561.8	4496.5	5431.3
783.7	57.5°	818.6	1153.2	1487.7	2484.8	3482.0	4758.3	6034.7
755.6	60°	783.0	1025.7	1268.4	2258.2	3248.1	4823.8	6399.4
706.7	62.5°	725.0	873.1	1021.3	1951.8	2882.3	4548.3	6214.2
658.1	65°	666.7	735.8	805.0	1639.2	2473.4	4158.5	5843.6
589.0	67.5°	584.2	603.9	623.5	1332.9	2042.3	3694.6	5346.9
505.8	70°	483.5	477.9	472.3	1049.5	1626.7	3188.5	4750.3
429.8	72.5°	398.2	381.2	364.3	802.3	1240.4	2639.8	4039.3
349.0	75°	313.6	298.2	282.9	582.3	881.8	2010.8	3139.8
273.1	77.5°	238.7	228.2	217.8	394.6	571.4	1407.4	2243.3
201.0	80°	171.9	167.6	163.3	254.2	345.2	906.7	1468.3
139.7	82.5°	118.3	117.4	116.7	156.4	196.2	524.8	853.5
85.4	85°	69.7	70.2	70.6	83.6	96.7	236.1	375.5
36.6	87.5°	30.2	30.5	30.9	34.7	38.4	77.3	116.2
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)