

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: P945974

Luminaire Tested: **GALN-SB1D-735-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P945974  
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-SB1D-735-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 70 CRI, 3500K, 900mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

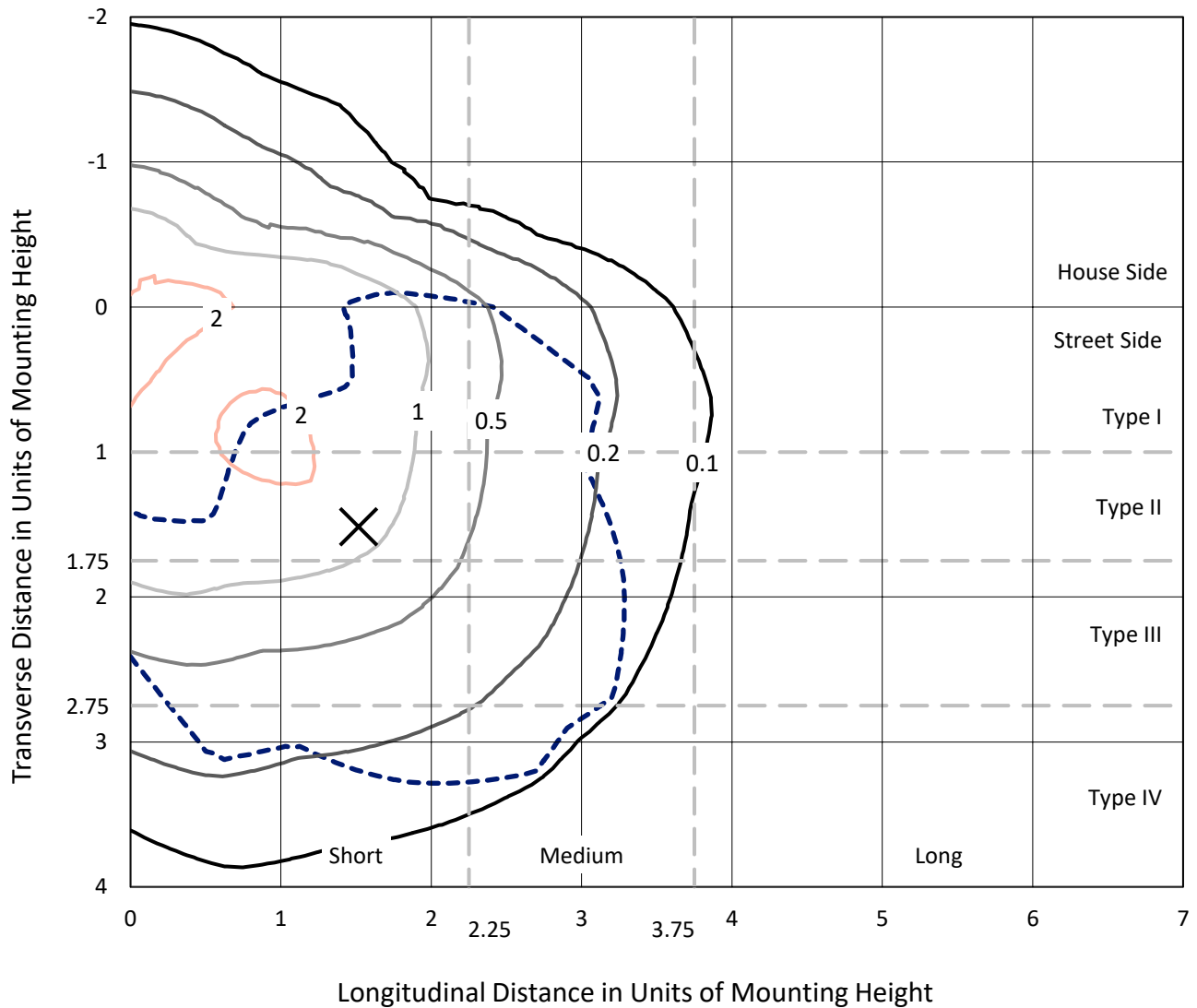
Lumens per Lamp: N/A  
Luminaire Lumens: 10143 lumens  
Efficiency: N/A  
Efficacy: 127.4 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G3  
  
Input Watts (W): 79.6  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

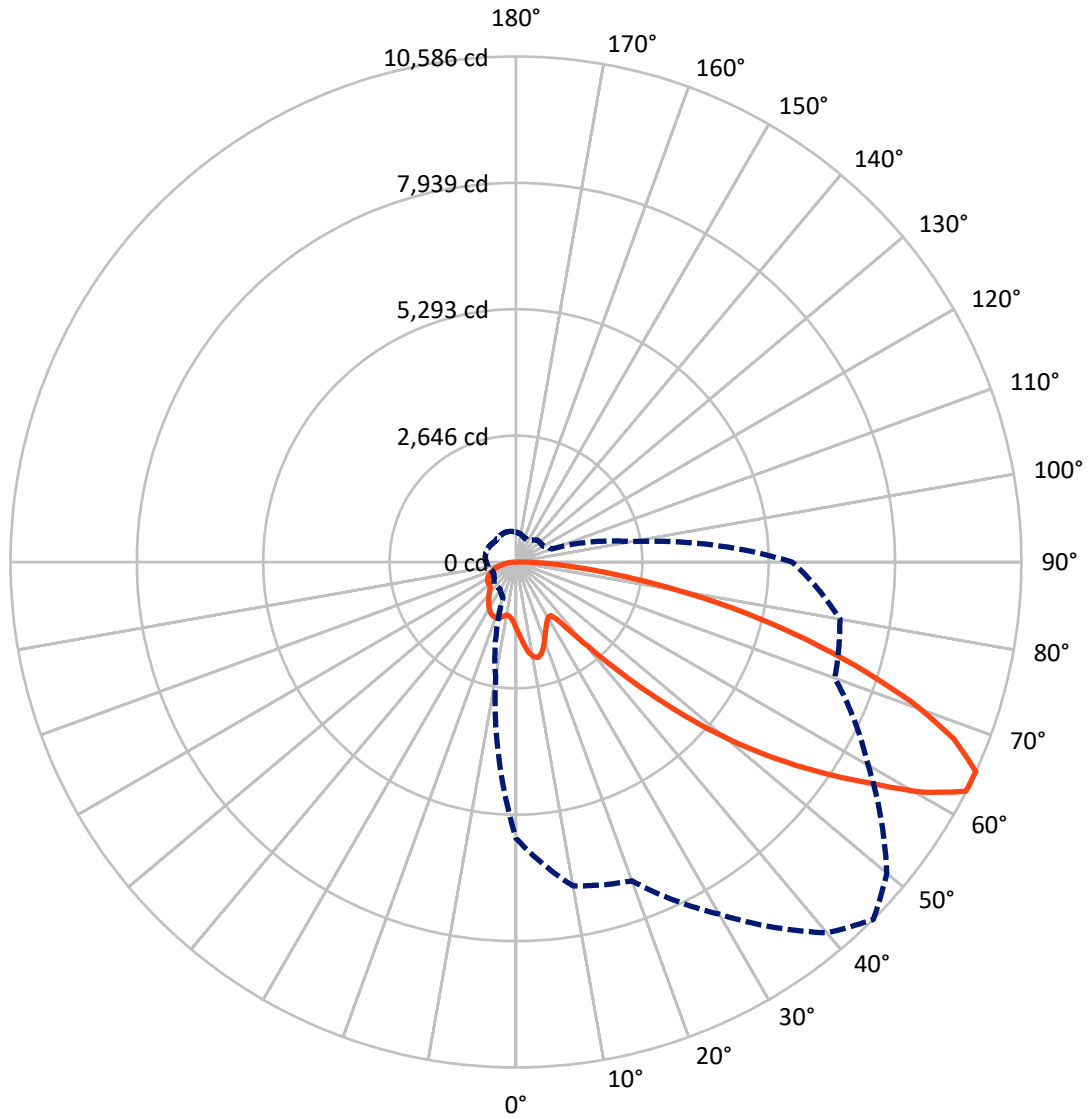
✕ Max cd  
 - - - 1/2 Max cd



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
<b>House Side</b>	Lumens	2577.8	0.0	2577.8
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	7565.2	0.0	7565.2
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	10143.0	0.0	10143.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	138.4	1.4
10°-20°	434.3	4.3
20°-30°	670.9	6.6
30°-40°	850.2	8.4
40°-50°	1282.3	12.6
50°-60°	2071.8	20.4
60°-70°	2582.8	25.5
70°-80°	1693.7	16.7
80°-90°	418.7	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°	10143.0	100.0
0°-180°	10143.0	100.0



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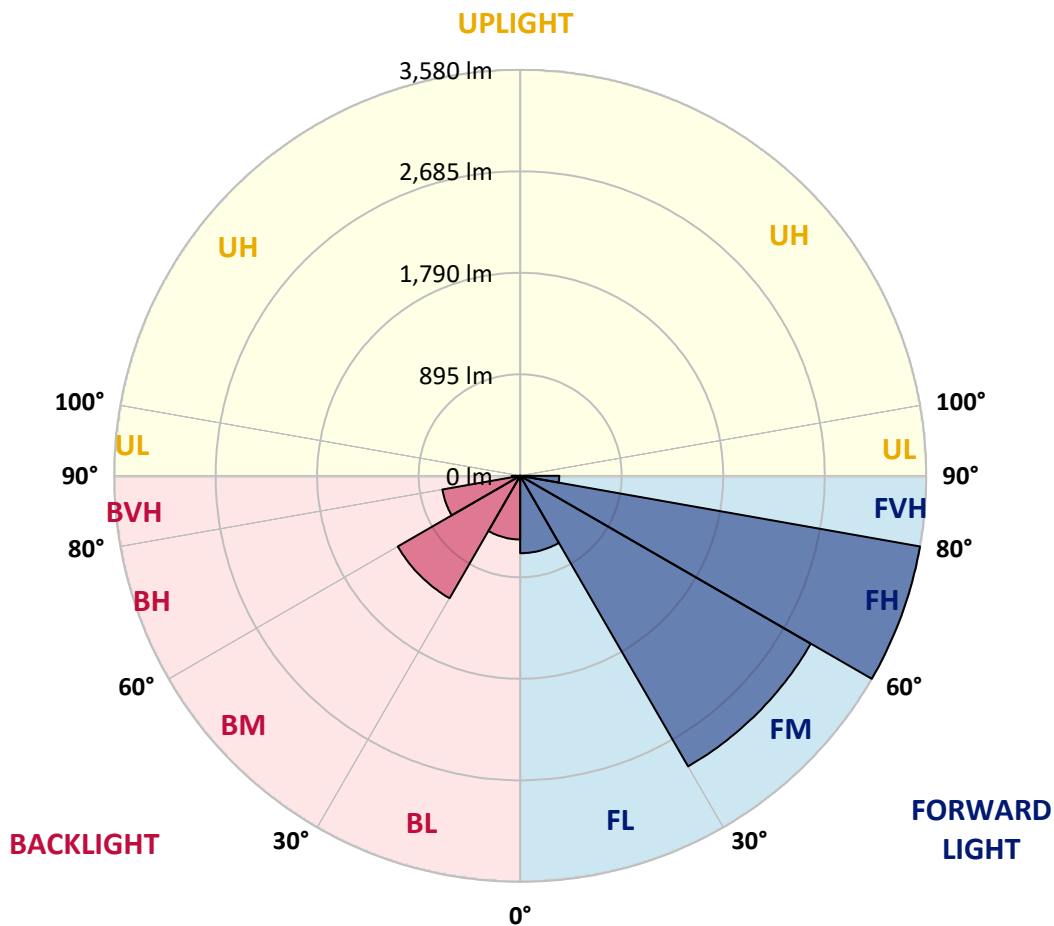
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	682.2	6.7			
FM (30°-60°)	2958.5	29.2			
FH (60°-80°)	3579.5	35.3			G2/5000
FVH (80°-90°)	344.9	3.4			G3/500
BL (0°-30°)	561.4	5.5	B2/1000		
BM (30°-60°)	1245.8	12.3	B2/2500		
BH (60°-80°)	696.9	6.9	B2/1000		G2/1000
BVH (80°-90°)	73.8	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°	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7
2.5°	1499.9	1505.6	1511.3	1519.4	1527.5	1532.3	1537.1	1539.5	1541.9	1540.9
5°	1612.8	1632.7	1652.6	1672.3	1692.1	1702.8	1713.5	1719.9	1726.5	1731.4
7.5°	1726.3	1758.6	1790.9	1820.0	1849.0	1866.5	1884.0	1893.5	1902.9	1907.5
10°	1813.3	1851.5	1889.7	1923.8	1957.9	1978.6	1999.1	2008.3	2017.5	2020.9
12.5°	1866.5	1908.0	1949.3	1980.2	2010.9	2025.9	2040.9	2045.9	2050.9	2051.4
15°	1898.9	1934.7	1970.4	1989.7	2009.1	2009.6	2010.1	2004.8	1999.4	1993.1
17.5°	1917.1	1941.2	1965.4	1965.8	1966.1	1944.4	1922.7	1902.9	1883.0	1868.9
20°	1937.2	1945.6	1954.0	1928.6	1903.2	1855.3	1807.5	1772.7	1737.8	1716.4
22.5°	1960.5	1949.4	1938.4	1885.7	1833.1	1762.7	1692.3	1648.8	1605.2	1581.5
25°	1990.4	1955.6	1920.9	1840.9	1760.9	1675.5	1590.0	1544.2	1498.5	1476.1
27.5°	2031.1	1968.9	1906.7	1800.8	1694.9	1600.2	1505.4	1460.4	1415.4	1394.2
30°	2086.0	1993.2	1900.5	1770.1	1639.8	1541.1	1442.4	1400.6	1358.8	1339.1
32.5°	2150.7	2023.7	1896.8	1749.3	1601.8	1509.0	1416.3	1383.5	1350.6	1336.4
35°	2229.4	2074.0	1918.6	1764.9	1611.2	1546.8	1482.4	1474.8	1467.1	1465.9
37.5°	2361.9	2179.0	1996.2	1856.5	1716.8	1712.7	1708.5	1743.5	1778.5	1796.7
40°	2562.0	2363.2	2164.4	2060.5	1956.6	2029.9	2103.3	2188.4	2273.5	2315.8
42.5°	2827.5	2630.2	2432.9	2373.1	2313.3	2473.2	2633.1	2787.9	2942.7	3033.6
45°	3155.3	2978.1	2800.8	2774.5	2748.0	3004.2	3260.5	3514.8	3769.2	3923.6
47.5°	3565.3	3392.9	3220.4	3215.1	3209.7	3579.4	3948.9	4321.2	4693.5	4912.1
50°	4102.6	3889.7	3676.8	3677.7	3678.6	4154.9	4631.3	5122.7	5614.2	5911.4
52.5°	4719.5	4461.6	4203.8	4177.7	4151.6	4720.6	5289.6	5897.7	6505.7	6861.9
55°	5376.2	5121.4	4866.6	4765.0	4663.4	5296.6	5929.8	6654.8	7379.7	7803.3
57.5°	5973.4	5834.7	5695.9	5492.1	5288.3	5927.7	6567.1	7388.2	8209.3	8734.6
60°	6334.4	6549.9	6765.4	6512.3	6259.1	6864.2	7469.4	8348.5	9227.6	9795.4
62.5°	6151.1	6739.9	7328.7	7300.2	7271.6	7825.9	8380.3	9216.7	10053.1	10577.8
65°	5784.3	6336.9	6889.5	6998.8	7108.1	7812.5	8517.0	9328.1	10139.1	10585.9
67.5°	5292.7	5818.2	6343.8	6395.1	6446.3	7180.3	7914.2	8728.7	9543.3	9893.3
70°	4702.1	5273.7	5845.4	5868.3	5891.3	6547.7	7204.0	7905.0	8605.9	8800.4
72.5°	3998.3	4654.3	5310.3	5326.8	5343.2	5856.8	6370.3	6895.3	7420.2	7439.9
75°	3107.9	3786.9	4465.9	4526.8	4587.8	4987.3	5386.9	5756.4	6126.0	6027.0
77.5°	2220.6	2854.4	3488.2	3575.5	3662.7	3966.4	4270.2	4532.2	4794.4	4624.2
80°	1453.4	1986.6	2519.8	2628.2	2736.6	2966.0	3195.3	3332.9	3470.6	3196.8
82.5°	844.8	1209.4	1573.9	1695.1	1816.2	1974.1	2132.0	2189.4	2246.8	2031.6
85°	371.7	565.2	758.7	861.7	964.7	1094.4	1224.1	1256.7	1289.3	1117.0
87.5°	115.1	180.1	245.1	302.6	360.1	425.0	489.8	492.6	495.3	415.9
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°
1394.7	0°	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7
1541.9	2.5°	1539.5	1537.1	1532.3	1527.5	1519.4	1511.3	1505.6	1499.9	1488.4	1476.9
1726.5	5°	1719.9	1713.5	1702.8	1692.1	1672.3	1652.6	1632.7	1612.8	1587.4	1562.0
1902.9	7.5°	1893.5	1884.0	1866.5	1849.0	1820.0	1790.9	1758.6	1726.3	1684.4	1642.4
2017.5	10°	2008.3	1999.1	1978.6	1957.9	1923.8	1889.7	1851.5	1813.3	1760.2	1707.2
2050.9	12.5°	2045.9	2040.9	2025.9	2010.9	1980.2	1949.3	1908.0	1866.5	1808.3	1750.0
1999.4	15°	2004.8	2010.1	2009.6	2009.1	1989.7	1970.4	1934.7	1898.9	1838.2	1777.4
1883.0	17.5°	1902.9	1922.7	1944.4	1966.1	1965.8	1965.4	1941.2	1917.1	1855.5	1793.9
1737.8	20°	1772.7	1807.5	1855.3	1903.2	1928.6	1954.0	1945.6	1937.2	1873.2	1809.1
1605.2	22.5°	1648.8	1692.3	1762.7	1833.1	1885.7	1938.4	1949.4	1960.5	1895.1	1829.6
1498.5	25°	1544.2	1590.0	1675.5	1760.9	1840.9	1920.9	1955.6	1990.4	1926.3	1862.3
1415.4	27.5°	1460.4	1505.4	1600.2	1694.9	1800.8	1906.7	1968.9	2031.1	1970.0	1908.8
1358.8	30°	1400.6	1442.4	1541.1	1639.8	1770.1	1900.5	1993.2	2086.0	2026.9	1967.8
1350.6	32.5°	1383.5	1416.3	1509.0	1601.8	1749.3	1896.8	2023.7	2150.7	2092.2	2033.8
1467.1	35°	1474.8	1482.4	1546.8	1611.2	1764.9	1918.6	2074.0	2229.4	2173.4	2117.4
1778.5	37.5°	1743.5	1708.5	1712.7	1716.8	1856.5	1996.2	2179.0	2361.9	2290.5	2219.1
2273.5	40°	2188.4	2103.3	2029.9	1956.6	2060.5	2164.4	2363.2	2562.0	2458.0	2353.9
2942.7	42.5°	2787.9	2633.1	2473.2	2313.3	2373.1	2432.9	2630.2	2827.5	2677.3	2527.1
3769.2	45°	3514.8	3260.5	3004.2	2748.0	2774.5	2800.8	2978.1	3155.3	2952.7	2750.2
4693.5	47.5°	4321.2	3948.9	3579.4	3209.7	3215.1	3220.4	3392.9	3565.3	3280.2	2995.0
5614.2	50°	5122.7	4631.3	4154.9	3678.6	3677.7	3676.8	3889.7	4102.6	3672.8	3242.9
6505.7	52.5°	5897.7	5289.6	4720.6	4151.6	4177.7	4203.8	4461.6	4719.5	4085.2	3451.0
7379.7	55°	6654.8	5929.8	5296.6	4663.4	4765.0	4866.6	5121.4	5376.2	4450.9	3525.7
8209.3	57.5°	7388.2	6567.1	5927.7	5288.3	5492.1	5695.9	5834.7	5973.4	4710.0	3446.6
9227.6	60°	8348.5	7469.4	6864.2	6259.1	6512.3	6765.4	6549.9	6334.4	4774.8	3215.1
10053.1	62.5°	9216.7	8380.3	7825.9	7271.6	7300.2	7328.7	6739.9	6151.1	4502.1	2853.1
10139.1	65°	9328.1	8517.0	7812.5	7108.1	6998.8	6889.5	6336.9	5784.3	4116.3	2448.3
9543.3	67.5°	8728.7	7914.2	7180.3	6446.3	6395.1	6343.8	5818.2	5292.7	3657.1	2021.6
8605.9	70°	7905.0	7204.0	6547.7	5891.3	5868.3	5845.4	5273.7	4702.1	3156.1	1610.2
7420.2	72.5°	6895.3	6370.3	5856.8	5343.2	5326.8	5310.3	4654.3	3998.3	2613.0	1227.8
6126.0	75°	5756.4	5386.9	4987.3	4587.8	4526.8	4465.9	3786.9	3107.9	1990.4	872.8
4794.4	77.5°	4532.2	4270.2	3966.4	3662.7	3575.5	3488.2	2854.4	2220.6	1393.1	565.6
3470.6	80°	3332.9	3195.3	2966.0	2736.6	2628.2	2519.8	1986.6	1453.4	897.5	341.7
2246.8	82.5°	2189.4	2132.0	1974.1	1816.2	1695.1	1573.9	1209.4	844.8	519.5	194.2
1289.3	85°	1256.7	1224.1	1094.4	964.7	861.7	758.7	565.2	371.7	233.7	95.7
495.3	87.5°	492.6	489.8	425.0	360.1	302.6	245.1	180.1	115.1	76.5	38.0
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):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
1394.7	0°	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7
1464.6	2.5°	1452.4	1440.1	1427.8	1416.1	1404.3	1392.9	1380.2	1369.9	1359.7	1350.4
1536.6	5°	1511.3	1485.8	1460.3	1436.5	1412.7	1390.2	1368.0	1348.6	1329.2	1312.9
1603.7	7.5°	1564.9	1527.2	1489.5	1456.2	1423.0	1392.3	1363.6	1337.8	1312.1	1290.7
1656.0	10°	1604.8	1559.0	1513.1	1473.9	1434.5	1396.6	1365.7	1338.6	1311.4	1290.0
1692.0	12.5°	1634.0	1579.9	1525.9	1481.4	1436.9	1397.2	1368.4	1346.2	1324.0	1309.8
1714.5	15°	1651.5	1589.3	1527.1	1475.6	1424.1	1380.0	1357.0	1346.4	1335.8	1337.7
1725.2	17.5°	1656.6	1584.3	1512.1	1450.1	1388.2	1336.4	1322.2	1326.1	1330.0	1353.3
1733.6	20°	1658.2	1570.6	1483.1	1406.3	1329.6	1269.2	1265.5	1283.7	1301.9	1342.4
1745.0	22.5°	1660.3	1553.8	1447.3	1354.9	1262.4	1193.8	1201.1	1228.0	1255.0	1301.2
1765.5	25°	1668.8	1537.2	1405.7	1297.4	1189.2	1118.9	1138.7	1169.7	1200.7	1242.3
1797.7	27.5°	1686.4	1526.1	1365.8	1244.9	1124.0	1060.0	1084.1	1114.0	1144.0	1178.2
1839.2	30°	1710.6	1521.0	1331.2	1201.1	1070.9	1017.2	1036.1	1059.8	1083.7	1112.1
1882.6	32.5°	1731.5	1514.5	1297.4	1163.2	1028.9	985.6	994.0	1008.1	1022.1	1044.8
1932.1	35°	1746.8	1502.4	1258.2	1126.0	993.9	957.8	954.3	958.1	962.0	979.3
1987.5	37.5°	1755.9	1481.7	1207.5	1082.2	957.0	925.4	912.6	908.4	904.1	916.5
2057.8	40°	1761.6	1453.2	1144.8	1030.0	915.2	886.6	867.0	857.3	847.7	856.6
2149.8	42.5°	1772.5	1423.8	1075.1	972.4	869.6	843.2	818.6	805.8	792.9	800.2
2270.9	45°	1791.6	1396.4	1001.3	911.1	821.0	794.2	770.4	757.9	745.4	751.5
2399.9	47.5°	1804.7	1373.8	942.9	862.7	782.5	748.0	727.5	717.0	706.5	712.3
2519.5	50°	1796.2	1349.2	902.3	830.5	758.8	713.4	689.6	680.3	671.0	680.0
2597.3	52.5°	1743.4	1307.6	871.9	809.3	746.9	694.7	661.4	652.2	643.1	656.6
2580.1	55°	1634.5	1238.7	842.8	794.0	745.1	696.6	646.4	631.9	617.4	636.6
2459.6	57.5°	1472.6	1141.5	810.3	775.8	741.3	698.4	637.4	616.2	595.0	615.7
2235.3	60°	1255.5	1015.3	775.1	748.0	720.8	692.6	629.0	601.5	574.0	592.2
1932.0	62.5°	1010.9	864.3	717.6	699.6	681.6	678.1	619.1	584.8	550.5	562.0
1622.5	65°	796.8	728.4	659.9	651.4	642.9	643.3	598.4	561.9	525.3	529.7
1319.4	67.5°	617.2	597.8	578.3	583.1	587.8	586.6	561.3	530.9	500.5	499.1
1038.8	70°	467.5	473.1	478.6	500.6	522.6	522.6	514.3	492.7	471.1	466.3
794.2	72.5°	360.6	377.4	394.2	425.4	456.6	461.9	462.0	447.2	432.3	425.3
576.4	75°	280.0	295.2	310.4	345.4	380.4	404.6	402.6	391.2	379.7	373.0
390.6	77.5°	215.6	225.9	236.3	270.3	304.3	344.1	343.1	333.9	324.8	317.9
251.7	80°	161.6	165.9	170.2	199.0	227.7	275.4	275.2	267.6	259.8	254.1
154.8	82.5°	115.5	116.2	117.1	138.3	159.5	200.2	202.4	198.7	194.9	190.9
82.7	85°	69.8	69.5	69.0	84.6	100.1	130.3	133.3	129.3	125.2	120.7
34.3	87.5°	30.6	30.2	29.9	36.2	42.5	55.1	58.9	57.3	55.7	54.8
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°
1394.7	0°	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7
1341.2	2.5°	1333.1	1325.1	1316.9	1308.8	1302.6	1296.3	1291.2	1286.1	1282.1	1278.2
1296.7	5°	1282.4	1268.0	1255.0	1241.9	1231.9	1221.9	1214.9	1207.9	1202.9	1197.9
1269.2	7.5°	1251.2	1233.1	1217.2	1201.3	1189.3	1177.5	1169.1	1160.8	1155.0	1149.4
1268.5	10°	1249.1	1229.6	1211.7	1193.8	1179.5	1165.3	1155.9	1146.5	1141.1	1135.7
1295.6	12.5°	1280.3	1265.1	1246.6	1228.0	1209.8	1191.6	1179.6	1167.6	1161.5	1155.5
1339.6	15°	1335.7	1331.7	1315.6	1299.5	1273.6	1247.7	1229.4	1211.1	1202.7	1194.3
1376.7	17.5°	1389.1	1401.4	1388.4	1375.5	1341.2	1306.9	1279.9	1252.9	1240.5	1228.0
1383.0	20°	1408.9	1434.9	1428.9	1422.8	1383.6	1344.4	1311.4	1278.3	1262.4	1246.5
1347.5	22.5°	1381.3	1415.1	1418.7	1422.3	1384.8	1347.4	1313.3	1279.3	1262.5	1245.7
1284.0	25°	1317.2	1350.4	1362.9	1375.2	1344.5	1313.8	1283.5	1253.3	1238.8	1224.3
1212.4	27.5°	1239.0	1265.7	1279.5	1293.3	1271.4	1249.6	1226.1	1202.6	1192.9	1183.1
1140.4	30°	1162.5	1184.7	1195.9	1207.2	1190.5	1173.8	1157.0	1140.1	1135.1	1130.1
1067.5	32.5°	1088.7	1109.9	1122.4	1134.9	1119.6	1104.2	1090.8	1077.4	1074.1	1070.8
996.6	35°	1017.5	1038.6	1053.6	1068.5	1057.6	1046.8	1034.3	1022.0	1017.0	1012.1
928.9	37.5°	949.8	970.8	989.3	1007.8	1002.8	997.7	986.3	974.9	965.8	956.8
865.5	40°	885.8	906.0	927.3	948.7	949.9	951.1	941.4	931.7	918.5	905.5
807.5	42.5°	826.7	845.9	868.9	891.9	898.1	904.2	896.0	887.9	871.6	855.3
757.7	45°	775.9	794.1	818.0	841.9	850.7	859.5	852.2	844.8	826.1	807.5
718.0	47.5°	735.8	753.6	777.1	800.7	810.8	821.0	815.9	810.7	794.1	777.5
689.1	50°	705.9	722.6	743.7	764.8	777.9	790.9	790.6	790.4	777.1	763.8
670.1	52.5°	685.5	700.9	720.5	740.2	755.7	771.1	773.9	776.7	765.9	755.1
655.7	55°	672.3	688.9	706.2	723.3	739.7	756.1	760.0	763.8	754.4	745.0
636.4	57.5°	655.8	675.3	692.3	709.4	726.0	742.4	746.3	750.3	740.7	731.2
610.2	60°	632.6	655.0	672.3	689.6	706.2	722.8	727.1	731.4	722.0	712.8
573.5	62.5°	599.5	625.7	644.1	662.6	677.8	693.0	697.1	701.2	692.8	684.4
534.1	65°	562.1	590.1	607.7	625.4	638.8	652.1	656.4	660.6	652.5	644.4
497.7	67.5°	523.5	549.4	566.1	582.8	594.4	606.0	610.1	614.2	606.7	599.3
461.5	70°	484.1	506.8	521.3	535.7	546.2	556.6	560.6	564.5	558.5	552.4
418.3	72.5°	436.1	454.0	467.0	480.1	490.3	500.5	505.2	509.9	504.9	499.9
366.2	75°	379.5	392.7	404.6	416.4	425.7	435.0	439.9	444.9	442.4	439.9
311.1	77.5°	321.9	332.6	342.8	353.0	362.8	372.5	377.1	381.7	378.3	374.8
248.3	80°	257.3	266.3	274.8	283.4	290.8	298.2	304.3	310.4	308.9	307.5
186.8	82.5°	186.0	185.3	182.3	179.3	195.1	211.0	221.4	231.7	231.1	230.4
116.1	85°	112.3	108.4	100.1	91.8	106.6	121.5	134.3	147.2	146.1	145.0
53.9	87.5°	53.8	53.6	47.3	40.9	47.2	53.4	58.6	63.8	62.5	61.1
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):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
1394.7	0°	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7
1274.5	2.5°	1270.8	1266.3	1270.8	1274.5	1278.2	1282.1	1286.1	1291.2	1296.3	1302.6
1194.1	5°	1190.3	1186.6	1190.3	1194.1	1197.9	1202.9	1207.9	1214.9	1221.9	1231.9
1145.9	7.5°	1142.6	1140.0	1142.6	1145.9	1149.4	1155.0	1160.8	1169.1	1177.5	1189.3
1132.8	10°	1129.9	1128.8	1129.9	1132.8	1135.7	1141.1	1146.5	1155.9	1165.3	1179.5
1153.1	12.5°	1150.6	1150.2	1150.6	1153.1	1155.5	1161.5	1167.6	1179.6	1191.6	1209.8
1191.1	15°	1187.9	1187.6	1187.9	1191.1	1194.3	1202.7	1211.1	1229.4	1247.7	1273.6
1224.0	17.5°	1219.8	1219.2	1219.8	1224.0	1228.0	1240.5	1252.9	1279.9	1306.9	1341.2
1241.4	20°	1236.3	1234.7	1236.3	1241.4	1246.5	1262.4	1278.3	1311.4	1344.4	1383.6
1240.1	22.5°	1234.5	1232.0	1234.5	1240.1	1245.7	1262.5	1279.3	1313.3	1347.4	1384.8
1219.0	25°	1213.7	1210.6	1213.7	1219.0	1224.3	1238.8	1253.3	1283.5	1313.8	1344.5
1180.7	27.5°	1178.3	1177.5	1178.3	1180.7	1183.1	1192.9	1202.6	1226.1	1249.6	1271.4
1130.1	30°	1130.1	1130.9	1130.1	1130.1	1130.1	1135.1	1140.1	1157.0	1173.8	1190.5
1071.3	32.5°	1071.8	1072.6	1071.8	1071.3	1070.8	1074.1	1077.4	1090.8	1104.2	1119.6
1011.0	35°	1009.9	1009.4	1009.9	1011.0	1012.1	1017.0	1022.0	1034.3	1046.8	1057.6
952.1	37.5°	947.3	944.6	947.3	952.1	956.8	965.8	974.9	986.3	997.7	1002.8
896.6	40°	887.8	882.6	887.8	896.6	905.5	918.5	931.7	941.4	951.1	949.9
842.4	42.5°	829.5	821.0	829.5	842.4	855.3	871.6	887.9	896.0	904.2	898.1
792.4	45°	777.2	767.5	777.2	792.4	807.5	826.1	844.8	852.2	859.5	850.7
763.5	47.5°	749.6	740.2	749.6	763.5	777.5	794.1	810.7	815.9	821.0	810.8
750.9	50°	737.9	729.0	737.9	750.9	763.8	777.1	790.4	790.6	790.9	777.9
743.5	52.5°	731.9	723.6	731.9	743.5	755.1	765.9	776.7	773.9	771.1	755.7
734.8	55°	724.7	717.2	724.7	734.8	745.0	754.4	763.8	760.0	756.1	739.7
721.1	57.5°	711.0	703.3	711.0	721.1	731.2	740.7	750.3	746.3	742.4	726.0
702.4	60°	692.0	684.0	692.0	702.4	712.8	722.0	731.4	727.1	722.8	706.2
673.5	62.5°	662.6	653.0	662.6	673.5	684.4	692.8	701.2	697.1	693.0	677.8
633.8	65°	623.2	615.0	623.2	633.8	644.4	652.5	660.6	656.4	652.1	638.8
589.5	67.5°	579.6	572.1	579.6	589.5	599.3	606.7	614.2	610.1	606.0	594.4
543.0	70°	533.6	525.0	533.6	543.0	552.4	558.5	564.5	560.6	556.6	546.2
490.9	72.5°	482.0	473.7	482.0	490.9	499.9	504.9	509.9	505.2	500.5	490.3
432.4	75°	424.8	416.9	424.8	432.4	439.9	442.4	444.9	439.9	435.0	425.7
367.2	77.5°	359.6	353.2	359.6	367.2	374.8	378.3	381.7	377.1	372.5	362.8
297.3	80°	287.0	275.1	287.0	297.3	307.5	308.9	310.4	304.3	298.2	290.8
221.8	82.5°	213.1	205.5	213.1	221.8	230.4	231.1	231.7	221.4	211.0	195.1
138.3	85°	131.6	124.7	131.6	138.3	145.0	146.1	147.2	134.3	121.5	106.6
57.7	87.5°	54.2	50.8	54.2	57.7	61.1	62.5	63.8	58.6	53.4	47.2
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°
1394.7	0°	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7
1308.8	2.5°	1316.9	1325.1	1333.1	1341.2	1350.4	1359.7	1369.9	1380.2	1392.9	1404.3
1241.9	5°	1255.0	1268.0	1282.4	1296.7	1312.9	1329.2	1348.6	1368.0	1390.2	1412.7
1201.3	7.5°	1217.2	1233.1	1251.2	1269.2	1290.7	1312.1	1337.8	1363.6	1392.3	1423.0
1193.8	10°	1211.7	1229.6	1249.1	1268.5	1290.0	1311.4	1338.6	1365.7	1396.6	1434.5
1228.0	12.5°	1246.6	1265.1	1280.3	1295.6	1309.8	1324.0	1346.2	1368.4	1397.2	1436.9
1299.5	15°	1315.6	1331.7	1335.7	1339.6	1337.7	1335.8	1346.4	1357.0	1380.0	1424.1
1375.5	17.5°	1388.4	1401.4	1389.1	1376.7	1353.3	1330.0	1326.1	1322.2	1336.4	1388.2
1422.8	20°	1428.9	1434.9	1408.9	1383.0	1342.4	1301.9	1283.7	1265.5	1269.2	1329.6
1422.3	22.5°	1418.7	1415.1	1381.3	1347.5	1301.2	1255.0	1228.0	1201.1	1193.8	1262.4
1375.2	25°	1362.9	1350.4	1317.2	1284.0	1242.3	1200.7	1169.7	1138.7	1118.9	1189.2
1293.3	27.5°	1279.5	1265.7	1239.0	1212.4	1178.2	1144.0	1114.0	1084.1	1060.0	1124.0
1207.2	30°	1195.9	1184.7	1162.5	1140.4	1112.1	1083.7	1059.8	1036.1	1017.2	1070.9
1134.9	32.5°	1122.4	1109.9	1088.7	1067.5	1044.8	1022.1	1008.1	994.0	985.6	1028.9
1068.5	35°	1053.6	1038.6	1017.5	996.6	979.3	962.0	958.1	954.3	957.8	993.9
1007.8	37.5°	989.3	970.8	949.8	928.9	916.5	904.1	908.4	912.6	925.4	957.0
948.7	40°	927.3	906.0	885.8	865.5	856.6	847.7	857.3	867.0	886.6	915.2
891.9	42.5°	868.9	845.9	826.7	807.5	800.2	792.9	805.8	818.6	843.2	869.6
841.9	45°	818.0	794.1	775.9	757.7	751.5	745.4	757.9	770.4	794.2	821.0
800.7	47.5°	777.1	753.6	735.8	718.0	712.3	706.5	717.0	727.5	748.0	782.5
764.8	50°	743.7	722.6	705.9	689.1	680.0	671.0	680.3	689.6	713.4	758.8
740.2	52.5°	720.5	700.9	685.5	670.1	656.6	643.1	652.2	661.4	694.7	746.9
723.3	55°	706.2	688.9	672.3	655.7	636.6	617.4	631.9	646.4	696.6	745.1
709.4	57.5°	692.3	675.3	655.8	636.4	615.7	595.0	616.2	637.4	698.4	741.3
689.6	60°	672.3	655.0	632.6	610.2	592.2	574.0	601.5	629.0	692.6	720.8
662.6	62.5°	644.1	625.7	599.5	573.5	562.0	550.5	584.8	619.1	678.1	681.6
625.4	65°	607.7	590.1	562.1	534.1	529.7	525.3	561.9	598.4	643.3	642.9
582.8	67.5°	566.1	549.4	523.5	497.7	499.1	500.5	530.9	561.3	586.6	587.8
535.7	70°	521.3	506.8	484.1	461.5	466.3	471.1	492.7	514.3	522.6	522.6
480.1	72.5°	467.0	454.0	436.1	418.3	425.3	432.3	447.2	462.0	461.9	456.6
416.4	75°	404.6	392.7	379.5	366.2	373.0	379.7	391.2	402.6	404.6	380.4
353.0	77.5°	342.8	332.6	321.9	311.1	317.9	324.8	333.9	343.1	344.1	304.3
283.4	80°	274.8	266.3	257.3	248.3	254.1	259.8	267.6	275.2	275.4	227.7
179.3	82.5°	182.3	185.3	186.0	186.8	190.9	194.9	198.7	202.4	200.2	159.5
91.8	85°	100.1	108.4	112.3	116.1	120.7	125.2	129.3	133.3	130.3	100.1
40.9	87.5°	47.3	53.6	53.8	53.9	54.8	55.7	57.3	58.9	55.1	42.5
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°
1394.7	0°	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7
1416.1	2.5°	1427.8	1440.1	1452.4	1464.6	1476.9	1488.4	1499.9
1436.5	5°	1460.3	1485.8	1511.3	1536.6	1562.0	1587.4	1612.8
1456.2	7.5°	1489.5	1527.2	1564.9	1603.7	1642.4	1684.4	1726.3
1473.9	10°	1513.1	1559.0	1604.8	1656.0	1707.2	1760.2	1813.3
1481.4	12.5°	1525.9	1579.9	1634.0	1692.0	1750.0	1808.3	1866.5
1475.6	15°	1527.1	1589.3	1651.5	1714.5	1777.4	1838.2	1898.9
1450.1	17.5°	1512.1	1584.3	1656.6	1725.2	1793.9	1855.5	1917.1
1406.3	20°	1483.1	1570.6	1658.2	1733.6	1809.1	1873.2	1937.2
1354.9	22.5°	1447.3	1553.8	1660.3	1745.0	1829.6	1895.1	1960.5
1297.4	25°	1405.7	1537.2	1668.8	1765.5	1862.3	1926.3	1990.4
1244.9	27.5°	1365.8	1526.1	1686.4	1797.7	1908.8	1970.0	2031.1
1201.1	30°	1331.2	1521.0	1710.6	1839.2	1967.8	2026.9	2086.0
1163.2	32.5°	1297.4	1514.5	1731.5	1882.6	2033.8	2092.2	2150.7
1126.0	35°	1258.2	1502.4	1746.8	1932.1	2117.4	2173.4	2229.4
1082.2	37.5°	1207.5	1481.7	1755.9	1987.5	2219.1	2290.5	2361.9
1030.0	40°	1144.8	1453.2	1761.6	2057.8	2353.9	2458.0	2562.0
972.4	42.5°	1075.1	1423.8	1772.5	2149.8	2527.1	2677.3	2827.5
911.1	45°	1001.3	1396.4	1791.6	2270.9	2750.2	2952.7	3155.3
862.7	47.5°	942.9	1373.8	1804.7	2399.9	2995.0	3280.2	3565.3
830.5	50°	902.3	1349.2	1796.2	2519.5	3242.9	3672.8	4102.6
809.3	52.5°	871.9	1307.6	1743.4	2597.3	3451.0	4085.2	4719.5
794.0	55°	842.8	1238.7	1634.5	2580.1	3525.7	4450.9	5376.2
775.8	57.5°	810.3	1141.5	1472.6	2459.6	3446.6	4710.0	5973.4
748.0	60°	775.1	1015.3	1255.5	2235.3	3215.1	4774.8	6334.4
699.6	62.5°	717.6	864.3	1010.9	1932.0	2853.1	4502.1	6151.1
651.4	65°	659.9	728.4	796.8	1622.5	2448.3	4116.3	5784.3
583.1	67.5°	578.3	597.8	617.2	1319.4	2021.6	3657.1	5292.7
500.6	70°	478.6	473.1	467.5	1038.8	1610.2	3156.1	4702.1
425.4	72.5°	394.2	377.4	360.6	794.2	1227.8	2613.0	3998.3
345.4	75°	310.4	295.2	280.0	576.4	872.8	1990.4	3107.9
270.3	77.5°	236.3	225.9	215.6	390.6	565.6	1393.1	2220.6
199.0	80°	170.2	165.9	161.6	251.7	341.7	897.5	1453.4
138.3	82.5°	117.1	116.2	115.5	154.8	194.2	519.5	844.8
84.6	85°	69.0	69.5	69.8	82.7	95.7	233.7	371.7
36.2	87.5°	29.9	30.2	30.6	34.3	38.0	76.5	115.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)