

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: P946709

Luminaire Tested: **GALN-SB2B-740-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P946709
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-SB2B-740-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 70 CRI, 4000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11871 lumens
Efficiency: N/A
Efficacy: 160.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

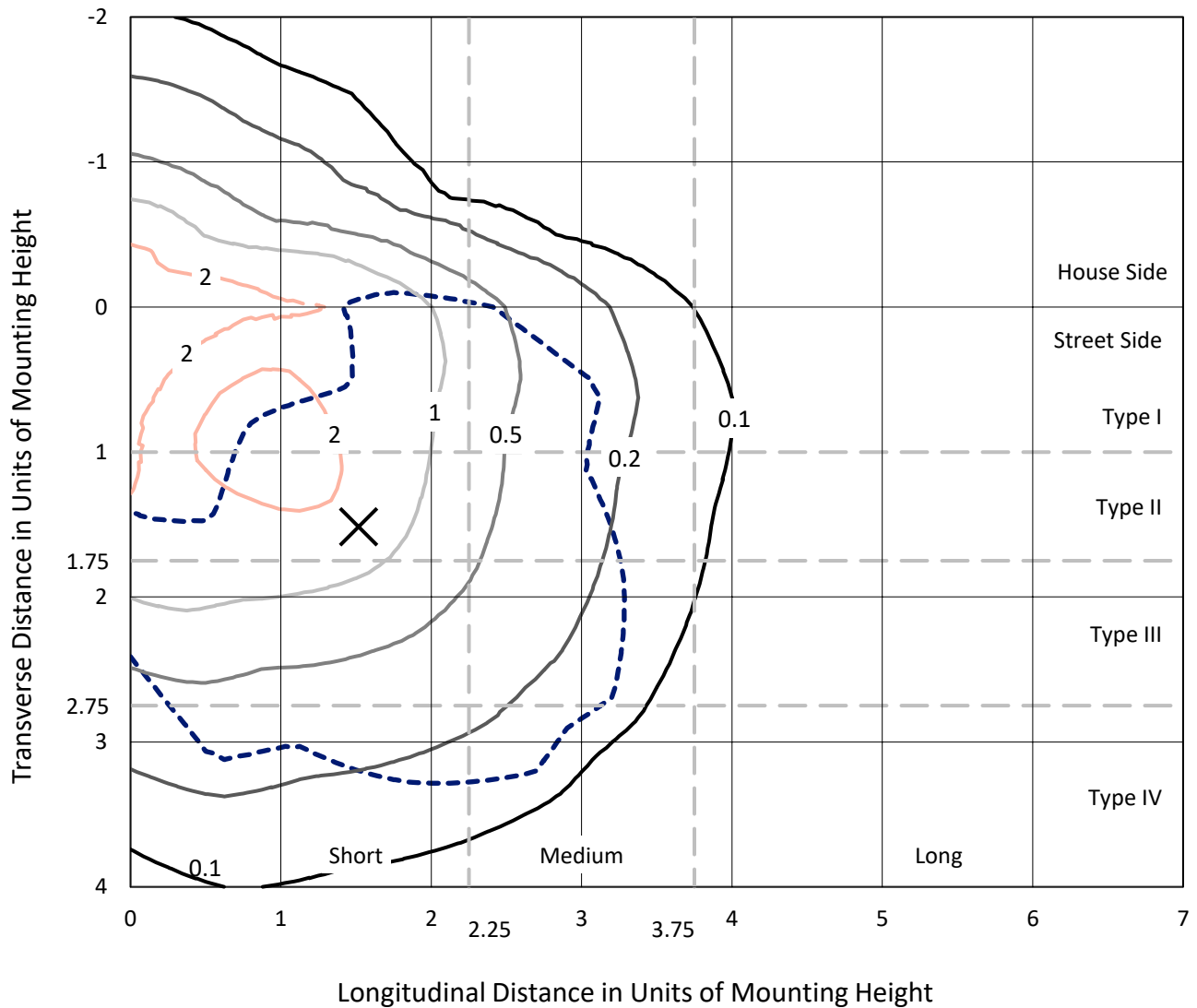
Input Watts (W): 73.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

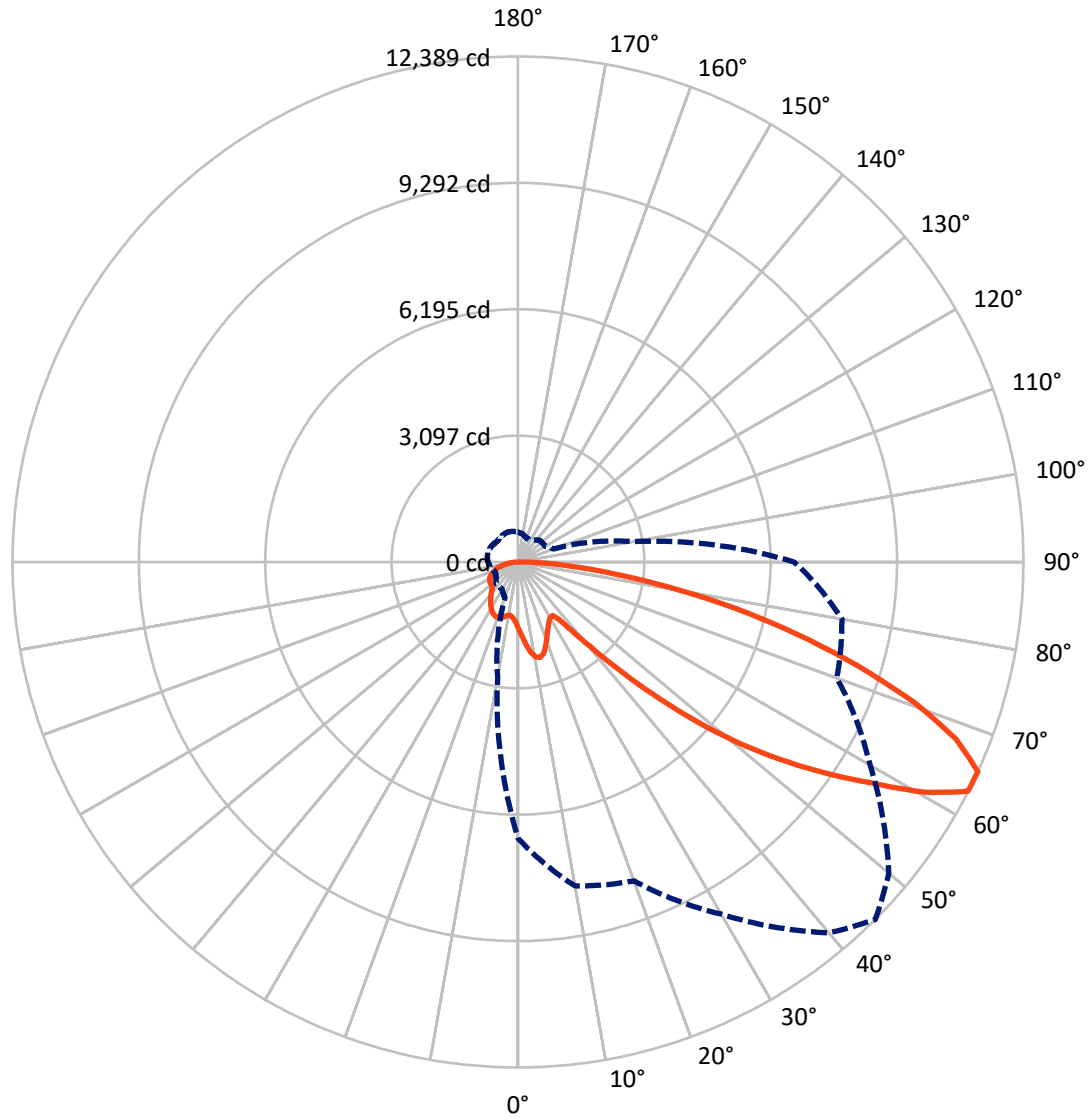
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.6 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	3017.0	0.0	3017.0
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	8854.0	0.0	8854.0
	% Fixture	74.6	0.0	74.6
Total	Lumens	11871.0	0.0	11871.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	161.9	1.4
10°-20°	508.3	4.3
20°-30°	785.2	6.6
30°-40°	995.0	8.4
40°-50°	1500.8	12.6
50°-60°	2424.7	20.4
60°-70°	3022.8	25.5
70°-80°	1982.2	16.7
80°-90°	490.1	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°	11871.0	100.0
0°-180°	11871.0	100.0

Coefficient of Utilization



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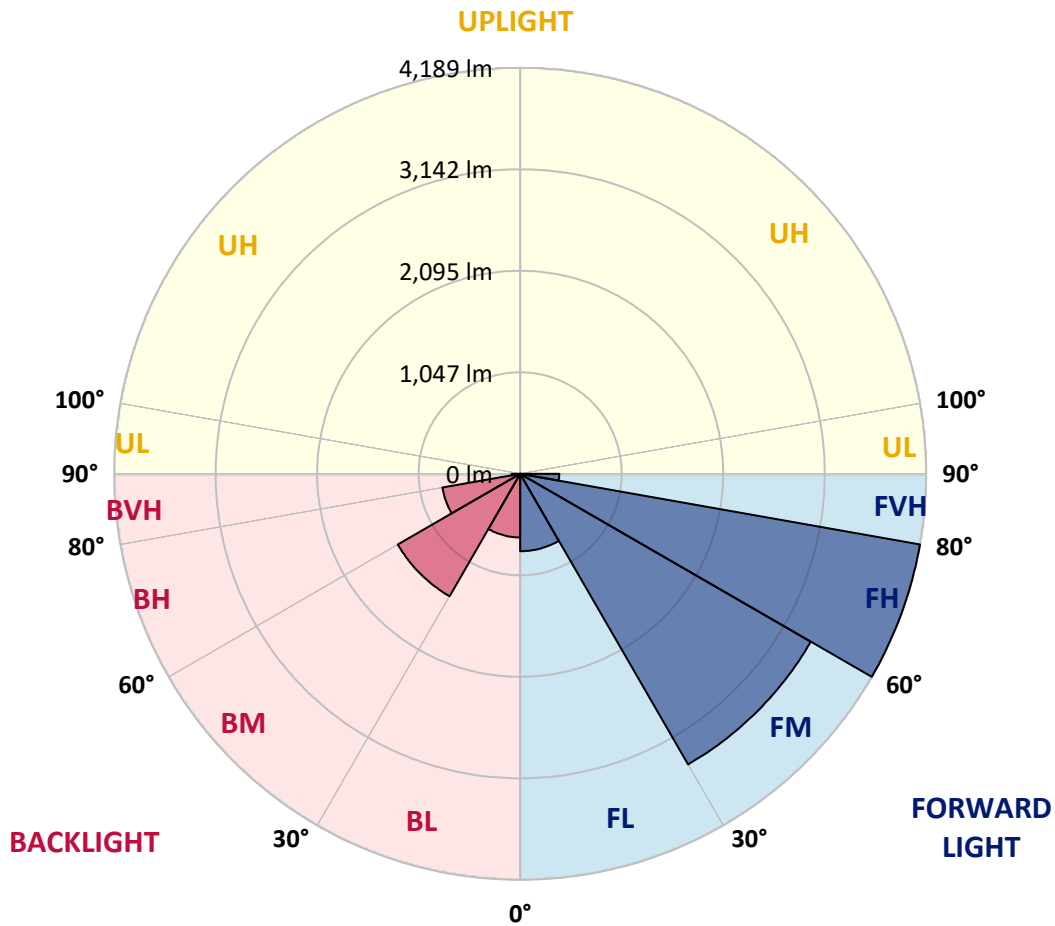
CATALOG NUMBER: GALN-SB2B-740-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	798.5	6.7			
FM (30°-60°)	3462.5	29.2			
FH (60°-80°)	4189.3	35.3			G2/5000
FVH (80°-90°)	403.7	3.4			G3/500
BL (0°-30°)	657.0	5.5	B2/1000		
BM (30°-60°)	1458.0	12.3	B2/2500		
BH (60°-80°)	815.7	6.9	B2/1000		G2/1000
BVH (80°-90°)	86.4	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°	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4
2.5°	1755.4	1762.1	1768.8	1778.3	1787.7	1793.3	1799.0	1801.8	1804.6	1803.4
5°	1887.6	1910.9	1934.2	1957.2	1980.3	1992.9	2005.4	2013.0	2020.6	2026.4
7.5°	2020.4	2058.2	2096.0	2130.0	2164.0	2184.5	2205.0	2216.1	2227.1	2232.4
10°	2122.2	2166.9	2211.6	2251.5	2291.4	2315.6	2339.7	2350.5	2361.2	2365.2
12.5°	2184.5	2233.0	2281.4	2317.5	2353.5	2371.0	2388.5	2394.4	2400.3	2400.9
15°	2222.4	2264.3	2306.0	2328.7	2351.3	2352.0	2352.6	2346.3	2340.1	2332.7
17.5°	2243.7	2272.0	2300.2	2300.7	2301.0	2275.7	2250.3	2227.1	2203.8	2187.3
20°	2267.2	2277.0	2286.9	2257.2	2227.4	2171.4	2115.4	2074.7	2033.9	2008.8
22.5°	2294.5	2281.6	2268.6	2207.0	2145.4	2063.0	1980.6	1929.6	1878.7	1851.0
25°	2329.5	2288.8	2248.1	2154.5	2060.9	1960.9	1860.9	1807.3	1753.8	1727.6
27.5°	2377.1	2304.4	2231.5	2107.5	1983.6	1872.8	1761.9	1709.2	1656.5	1631.7
30°	2441.3	2332.8	2224.3	2071.7	1919.1	1803.6	1688.1	1639.2	1590.3	1567.2
32.5°	2517.1	2368.5	2219.9	2047.3	1874.7	1766.1	1657.5	1619.1	1580.7	1564.1
35°	2609.2	2427.3	2245.5	2065.6	1885.7	1810.3	1735.0	1726.0	1717.1	1715.7
37.5°	2764.2	2550.3	2336.3	2172.8	2009.3	2004.4	1999.6	2040.5	2081.5	2102.8
40°	2998.5	2765.8	2533.1	2411.5	2289.9	2375.8	2461.6	2561.2	2660.8	2710.4
42.5°	3309.2	3078.3	2847.4	2777.4	2707.4	2894.5	3081.7	3262.9	3444.0	3550.4
45°	3692.9	3485.5	3278.0	3247.1	3216.2	3516.0	3816.0	4113.6	4411.3	4592.0
47.5°	4172.7	3970.9	3769.1	3762.8	3756.6	4189.2	4621.6	5057.4	5493.1	5749.0
50°	4801.6	4552.3	4303.2	4304.2	4305.3	4862.8	5420.3	5995.5	6570.7	6918.4
52.5°	5523.5	5221.7	4920.0	4889.5	4858.9	5524.8	6190.7	6902.4	7614.0	8030.9
55°	6292.1	5993.9	5695.7	5576.8	5457.8	6199.0	6940.1	7788.5	8636.9	9132.7
57.5°	6991.1	6828.7	6666.3	6427.7	6189.2	6937.6	7685.9	8646.9	9607.8	10222.6
60°	7413.6	7665.8	7918.0	7621.8	7325.5	8033.7	8741.9	9770.8	10799.7	11464.1
62.5°	7199.1	7888.2	8577.2	8543.9	8510.4	9159.2	9808.0	10786.9	11765.7	12379.9
65°	6769.7	7416.4	8063.2	8191.1	8319.0	9143.5	9968.0	10917.2	11866.4	12389.3
67.5°	6194.3	6809.5	7424.6	7484.6	7544.5	8403.5	9262.5	10215.8	11169.1	11578.8
70°	5503.1	6172.2	6841.3	6868.1	6895.0	7663.2	8431.3	9251.7	10072.0	10299.7
72.5°	4679.4	5447.2	6215.0	6234.3	6253.5	6854.6	7455.6	8070.0	8684.4	8707.4
75°	3637.4	4432.1	5226.7	5298.0	5369.4	5837.0	6304.6	6737.1	7169.6	7053.7
77.5°	2598.9	3340.6	4082.5	4184.6	4286.7	4642.2	4997.6	5304.4	5611.2	5412.0
80°	1701.0	2325.0	2949.0	3075.9	3202.8	3471.3	3739.7	3900.8	4061.8	3741.4
82.5°	988.8	1415.4	1842.1	1983.8	2125.6	2310.4	2495.2	2562.4	2629.6	2377.8
85°	435.0	661.5	887.9	1008.5	1129.1	1280.9	1432.7	1470.8	1509.0	1307.3
87.5°	134.7	210.8	286.9	354.2	421.4	497.4	573.3	576.5	579.7	486.7
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°
1632.4	0°	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4
1804.6	2.5°	1801.8	1799.0	1793.3	1787.7	1778.3	1768.8	1762.1	1755.4	1742.0	1728.5
2020.6	5°	2013.0	2005.4	1992.9	1980.3	1957.2	1934.2	1910.9	1887.6	1857.9	1828.1
2227.1	7.5°	2216.1	2205.0	2184.5	2164.0	2130.0	2096.0	2058.2	2020.4	1971.3	1922.3
2361.2	10°	2350.5	2339.7	2315.6	2291.4	2251.5	2211.6	2166.9	2122.2	2060.1	1998.0
2400.3	12.5°	2394.4	2388.5	2371.0	2353.5	2317.5	2281.4	2233.0	2184.5	2116.3	2048.2
2340.1	15°	2346.3	2352.6	2352.0	2351.3	2328.7	2306.0	2264.3	2222.4	2151.3	2080.2
2203.8	17.5°	2227.1	2250.3	2275.7	2301.0	2300.7	2300.2	2272.0	2243.7	2171.6	2099.5
2033.9	20°	2074.7	2115.4	2171.4	2227.4	2257.2	2286.9	2277.0	2267.2	2192.3	2117.3
1878.7	22.5°	1929.6	1980.6	2063.0	2145.4	2207.0	2268.6	2281.6	2294.5	2217.9	2141.3
1753.8	25°	1807.3	1860.9	1960.9	2060.9	2154.5	2248.1	2288.8	2329.5	2254.5	2179.5
1656.5	27.5°	1709.2	1761.9	1872.8	1983.6	2107.5	2231.5	2304.4	2377.1	2305.6	2234.0
1590.3	30°	1639.2	1688.1	1803.6	1919.1	2071.7	2224.3	2332.8	2441.3	2372.2	2303.1
1580.7	32.5°	1619.1	1657.5	1766.1	1874.7	2047.3	2219.9	2368.5	2517.1	2448.7	2380.3
1717.1	35°	1726.0	1735.0	1810.3	1885.7	2065.6	2245.5	2427.3	2609.2	2543.7	2478.1
2081.5	37.5°	2040.5	1999.6	2004.4	2009.3	2172.8	2336.3	2550.3	2764.2	2680.7	2597.1
2660.8	40°	2561.2	2461.6	2375.8	2289.9	2411.5	2533.1	2765.8	2998.5	2876.7	2755.0
3444.0	42.5°	3262.9	3081.7	2894.5	2707.4	2777.4	2847.4	3078.3	3309.2	3133.4	2957.7
4411.3	45°	4113.6	3816.0	3516.0	3216.2	3247.1	3278.0	3485.5	3692.9	3455.8	3218.7
5493.1	47.5°	5057.4	4621.6	4189.2	3756.6	3762.8	3769.1	3970.9	4172.7	3839.0	3505.3
6570.7	50°	5995.5	5420.3	4862.8	4305.3	4304.2	4303.2	4552.3	4801.6	4298.5	3795.4
7614.0	52.5°	6902.4	6190.7	5524.8	4858.9	4889.5	4920.0	5221.7	5523.5	4781.2	4038.9
8636.9	55°	7788.5	6940.1	6199.0	5457.8	5576.8	5695.7	5993.9	6292.1	5209.2	4126.3
9607.8	57.5°	8646.9	7685.9	6937.6	6189.2	6427.7	6666.3	6828.7	6991.1	5512.5	4033.8
10799.7	60°	9770.8	8741.9	8033.7	7325.5	7621.8	7918.0	7665.8	7413.6	5588.2	3762.8
11765.7	62.5°	10786.9	9808.0	9159.2	8510.4	8543.9	8577.2	7888.2	7199.1	5269.1	3339.1
11866.4	65°	10917.2	9968.0	9143.5	8319.0	8191.1	8063.2	7416.4	6769.7	4817.5	2865.4
11169.1	67.5°	10215.8	9262.5	8403.5	7544.5	7484.6	7424.6	6809.5	6194.3	4280.2	2366.0
10072.0	70°	9251.7	8431.3	7663.2	6895.0	6868.1	6841.3	6172.2	5503.1	3693.8	1884.5
8684.4	72.5°	8070.0	7455.6	6854.6	6253.5	6234.3	6215.0	5447.2	4679.4	3058.1	1436.9
7169.6	75°	6737.1	6304.6	5837.0	5369.4	5298.0	5226.7	4432.1	3637.4	2329.5	1021.5
5611.2	77.5°	5304.4	4997.6	4642.2	4286.7	4184.6	4082.5	3340.6	2598.9	1630.4	662.0
4061.8	80°	3900.8	3739.7	3471.3	3202.8	3075.9	2949.0	2325.0	1701.0	1050.5	399.9
2629.6	82.5°	2562.4	2495.2	2310.4	2125.6	1983.8	1842.1	1415.4	988.8	608.0	227.3
1509.0	85°	1470.8	1432.7	1280.9	1129.1	1008.5	887.9	661.5	435.0	273.5	112.0
579.7	87.5°	576.5	573.3	497.4	421.4	354.2	286.9	210.8	134.7	89.6	44.5
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
1632.4	0°	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4
1714.2	2.5°	1699.9	1685.5	1671.1	1657.3	1643.5	1630.2	1615.3	1603.3	1591.3	1580.5
1798.4	5°	1768.8	1738.9	1709.1	1681.2	1653.3	1627.0	1601.0	1578.4	1555.6	1536.6
1876.9	7.5°	1831.6	1787.4	1743.2	1704.3	1665.4	1629.5	1595.9	1565.7	1535.6	1510.5
1938.1	10°	1878.2	1824.6	1770.9	1724.9	1678.8	1634.6	1598.4	1566.6	1534.8	1509.7
1980.3	12.5°	1912.4	1849.1	1785.8	1733.8	1681.7	1635.2	1601.5	1575.5	1549.6	1532.9
2006.6	15°	1932.9	1860.1	1787.2	1726.9	1666.7	1615.1	1588.2	1575.7	1563.3	1565.6
2019.2	17.5°	1938.8	1854.2	1769.7	1697.2	1624.7	1564.1	1547.5	1552.1	1556.6	1583.9
2029.0	20°	1940.7	1838.2	1735.7	1645.9	1556.1	1485.5	1481.1	1502.4	1523.7	1571.1
2042.3	22.5°	1943.2	1818.5	1693.9	1585.7	1477.5	1397.2	1405.7	1437.2	1468.8	1522.9
2066.3	25°	1953.1	1799.1	1645.2	1518.5	1391.8	1309.5	1332.6	1369.0	1405.3	1454.0
2103.9	27.5°	1973.7	1786.1	1598.5	1457.0	1315.5	1240.6	1268.7	1303.8	1338.9	1378.9
2152.6	30°	2002.1	1780.1	1557.9	1405.7	1253.4	1190.4	1212.6	1240.4	1268.3	1301.5
2203.4	32.5°	2026.5	1772.6	1518.5	1361.4	1204.2	1153.5	1163.3	1179.8	1196.3	1222.8
2261.3	35°	2044.4	1758.4	1472.5	1317.9	1163.2	1120.9	1116.8	1121.4	1125.9	1146.2
2326.1	37.5°	2055.1	1734.2	1413.3	1266.6	1120.0	1083.0	1068.1	1063.1	1058.1	1072.6
2408.4	40°	2061.8	1700.8	1339.8	1205.5	1071.1	1037.6	1014.7	1003.4	992.1	1002.5
2516.1	42.5°	2074.5	1666.3	1258.3	1138.0	1017.8	986.9	958.1	943.0	928.0	936.5
2657.8	45°	2096.8	1634.3	1171.8	1066.4	960.9	929.6	901.7	887.0	872.4	879.6
2808.7	47.5°	2112.2	1607.9	1103.6	1009.7	915.8	875.4	851.4	839.1	826.8	833.6
2948.8	50°	2102.2	1579.1	1056.0	972.0	888.1	835.0	807.1	796.2	785.4	795.9
3039.7	52.5°	2040.5	1530.4	1020.4	947.2	874.1	813.1	774.1	763.3	752.6	768.5
3019.7	55°	1913.0	1449.7	986.4	929.2	872.1	815.2	756.6	739.5	722.5	745.0
2878.6	57.5°	1723.5	1336.0	948.4	907.9	867.5	817.4	746.0	721.2	696.4	720.6
2616.1	60°	1469.4	1188.3	907.1	875.4	843.6	810.5	736.1	704.0	671.8	693.0
2261.1	62.5°	1183.1	1011.5	839.9	818.8	797.7	793.6	724.6	684.4	644.2	657.7
1899.0	65°	932.6	852.5	772.3	762.4	752.4	752.9	700.3	657.6	614.8	620.0
1544.2	67.5°	722.3	699.6	676.8	682.4	687.9	686.5	657.0	621.4	585.8	584.2
1215.8	70°	547.1	553.7	560.1	585.9	611.7	611.7	602.0	576.7	551.3	545.7
929.5	72.5°	422.1	441.7	461.3	497.9	534.4	540.6	540.7	523.3	506.0	497.7
674.6	75°	327.7	345.5	363.3	404.3	445.2	473.5	471.2	457.8	444.4	436.5
457.1	77.5°	252.3	264.4	276.5	316.3	356.1	402.8	401.5	390.8	380.1	372.1
294.5	80°	189.2	194.2	199.2	232.9	266.5	322.3	322.1	313.1	304.1	297.4
181.2	82.5°	135.2	136.1	137.1	161.9	186.7	234.3	236.9	232.5	228.1	223.4
96.8	85°	81.7	81.3	80.8	99.0	117.1	152.5	156.0	151.3	146.6	141.3
40.2	87.5°	35.8	35.4	35.0	42.3	49.8	64.5	68.9	67.0	65.1	64.1
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°
1632.4	0°	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4
1569.7	2.5°	1560.3	1550.8	1541.3	1531.8	1524.5	1517.1	1511.2	1505.2	1500.6	1495.9
1517.6	5°	1500.8	1484.0	1468.8	1453.5	1441.8	1430.0	1421.8	1413.6	1407.8	1402.0
1485.5	7.5°	1464.4	1443.2	1424.5	1405.9	1392.0	1378.1	1368.3	1358.5	1351.8	1345.2
1484.7	10°	1461.9	1439.1	1418.1	1397.2	1380.5	1363.8	1352.9	1341.8	1335.5	1329.2
1516.4	12.5°	1498.4	1480.7	1458.9	1437.2	1415.9	1394.7	1380.6	1366.5	1359.4	1352.4
1567.8	15°	1563.2	1558.6	1539.7	1520.9	1490.6	1460.2	1438.8	1417.4	1407.6	1397.8
1611.2	17.5°	1625.7	1640.2	1625.0	1609.8	1569.7	1529.5	1497.9	1466.4	1451.8	1437.2
1618.6	20°	1649.0	1679.3	1672.3	1665.3	1619.3	1573.5	1534.8	1496.1	1477.5	1458.9
1577.1	22.5°	1616.6	1656.2	1660.4	1664.6	1620.8	1576.9	1537.1	1497.2	1477.6	1457.9
1502.7	25°	1541.6	1580.5	1595.0	1609.5	1573.5	1537.7	1502.2	1466.9	1449.8	1432.9
1418.9	27.5°	1450.1	1481.3	1497.4	1513.7	1488.0	1462.5	1435.0	1407.5	1396.1	1384.6
1334.7	30°	1360.6	1386.5	1399.7	1412.8	1393.3	1373.8	1354.1	1334.3	1328.5	1322.6
1249.3	32.5°	1274.1	1299.0	1313.6	1328.3	1310.3	1292.4	1276.6	1260.9	1257.1	1253.3
1166.3	35°	1190.9	1215.5	1233.0	1250.6	1237.8	1225.1	1210.6	1196.1	1190.3	1184.5
1087.1	37.5°	1111.6	1136.1	1157.8	1179.5	1173.6	1167.7	1154.4	1141.0	1130.4	1119.9
1013.0	40°	1036.7	1060.3	1085.3	1110.3	1111.7	1113.1	1101.8	1090.4	1075.0	1059.7
945.1	42.5°	967.5	990.0	1016.9	1043.9	1051.1	1058.3	1048.7	1039.2	1020.1	1001.0
886.8	45°	908.1	929.4	957.4	985.3	995.6	1006.0	997.3	988.8	966.9	945.1
840.3	47.5°	861.2	882.0	909.5	937.1	949.0	960.9	954.9	948.9	929.4	910.0
806.5	50°	826.1	845.7	870.4	895.1	910.4	925.7	925.3	925.0	909.5	894.0
784.2	52.5°	802.3	820.3	843.2	866.3	884.4	902.5	905.8	909.0	896.4	883.7
767.4	55°	786.9	806.3	826.5	846.6	865.7	885.0	889.5	894.0	883.0	871.9
744.8	57.5°	767.6	790.4	810.3	830.3	849.6	868.9	873.5	878.1	866.9	855.8
714.2	60°	740.4	766.6	786.8	807.1	826.5	845.9	850.9	856.0	845.1	834.2
671.2	62.5°	701.7	732.2	753.9	775.5	793.3	811.0	815.9	820.7	810.9	801.0
625.1	65°	657.8	690.6	711.3	731.9	747.6	763.3	768.2	773.1	763.6	754.2
582.5	67.5°	612.7	643.0	662.6	682.1	695.7	709.2	714.0	718.8	710.1	701.4
540.1	70°	566.6	593.2	610.1	627.0	639.2	651.4	656.1	660.7	653.6	646.6
489.5	72.5°	510.4	531.3	546.6	561.9	573.8	585.8	591.3	596.8	590.9	585.0
428.6	75°	444.1	459.6	473.5	487.3	498.2	509.1	514.9	520.7	517.8	514.9
364.1	77.5°	376.7	389.3	401.2	413.1	424.6	436.0	441.4	446.7	442.7	438.6
290.6	80°	301.2	311.6	321.6	331.7	340.4	349.0	356.2	363.3	361.6	359.9
218.6	82.5°	217.7	216.9	213.3	209.8	228.4	246.9	259.1	271.2	270.5	269.7
135.9	85°	131.4	126.8	117.1	107.4	124.8	142.2	157.2	172.3	171.0	169.8
63.1	87.5°	63.0	62.8	55.4	47.9	55.2	62.5	68.6	74.7	73.2	71.5
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
1632.4	0°	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4
1491.7	2.5°	1487.4	1482.0	1487.4	1491.7	1495.9	1500.6	1505.2	1511.2	1517.1	1524.5
1397.5	5°	1393.1	1388.7	1393.1	1397.5	1402.0	1407.8	1413.6	1421.8	1430.0	1441.8
1341.2	7.5°	1337.2	1334.2	1337.2	1341.2	1345.2	1351.8	1358.5	1368.3	1378.1	1392.0
1325.8	10°	1322.4	1321.1	1322.4	1325.8	1329.2	1335.5	1341.8	1352.9	1363.8	1380.5
1349.5	12.5°	1346.6	1346.1	1346.6	1349.5	1352.4	1359.4	1366.5	1380.6	1394.7	1415.9
1394.0	15°	1390.3	1390.0	1390.3	1394.0	1397.8	1407.6	1417.4	1438.8	1460.2	1490.6
1432.5	17.5°	1427.7	1426.9	1427.7	1432.5	1437.2	1451.8	1466.4	1497.9	1529.5	1569.7
1452.9	20°	1447.0	1445.1	1447.0	1452.9	1458.9	1477.5	1496.1	1534.8	1573.5	1619.3
1451.3	22.5°	1444.8	1441.9	1444.8	1451.3	1457.9	1477.6	1497.2	1537.1	1576.9	1620.8
1426.7	25°	1420.5	1416.9	1420.5	1426.7	1432.9	1449.8	1466.9	1502.2	1537.7	1573.5
1381.8	27.5°	1379.0	1378.1	1379.0	1381.8	1384.6	1396.1	1407.5	1435.0	1462.5	1488.0
1322.6	30°	1322.6	1323.6	1322.6	1322.6	1322.6	1328.5	1334.3	1354.1	1373.8	1393.3
1253.8	32.5°	1254.3	1255.3	1254.3	1253.8	1253.3	1257.1	1260.9	1276.6	1292.4	1310.3
1183.2	35°	1182.0	1181.4	1182.0	1183.2	1184.5	1190.3	1196.1	1210.6	1225.1	1237.8
1114.3	37.5°	1108.7	1105.6	1108.7	1114.3	1119.9	1130.4	1141.0	1154.4	1167.7	1173.6
1049.3	40°	1039.1	1032.9	1039.1	1049.3	1059.7	1075.0	1090.4	1101.8	1113.1	1111.7
985.9	42.5°	970.8	960.9	970.8	985.9	1001.0	1020.1	1039.2	1048.7	1058.3	1051.1
927.4	45°	909.6	898.2	909.6	927.4	945.1	966.9	988.8	997.3	1006.0	995.6
893.6	47.5°	877.3	866.3	877.3	893.6	910.0	929.4	948.9	954.9	960.9	949.0
878.8	50°	863.7	853.1	863.7	878.8	894.0	909.5	925.0	925.3	925.7	910.4
870.1	52.5°	856.6	846.9	856.6	870.1	883.7	896.4	909.0	905.8	902.5	884.4
860.0	55°	848.1	839.4	848.1	860.0	871.9	883.0	894.0	889.5	885.0	865.7
844.0	57.5°	832.2	823.1	832.2	844.0	855.8	866.9	878.1	873.5	868.9	849.6
822.1	60°	809.9	800.5	809.9	822.1	834.2	845.1	856.0	850.9	845.9	826.5
788.2	62.5°	775.5	764.2	775.5	788.2	801.0	810.9	820.7	815.9	811.0	793.3
741.8	65°	729.4	719.7	729.4	741.8	754.2	763.6	773.1	768.2	763.3	747.6
689.9	67.5°	678.4	669.6	678.4	689.9	701.4	710.1	718.8	714.0	709.2	695.7
635.5	70°	624.5	614.5	624.5	635.5	646.6	653.6	660.7	656.1	651.4	639.2
574.5	72.5°	564.1	554.4	564.1	574.5	585.0	590.9	596.8	591.3	585.8	573.8
506.1	75°	497.2	488.0	497.2	506.1	514.9	517.8	520.7	514.9	509.1	498.2
429.7	77.5°	420.8	413.4	420.8	429.7	438.6	442.7	446.7	441.4	436.0	424.6
347.9	80°	335.9	322.0	335.9	347.9	359.9	361.6	363.3	356.2	349.0	340.4
259.6	82.5°	249.4	240.5	249.4	259.6	269.7	270.5	271.2	259.1	246.9	228.4
161.9	85°	154.0	145.9	154.0	161.9	169.8	171.0	172.3	157.2	142.2	124.8
67.5	87.5°	63.4	59.5	63.4	67.5	71.5	73.2	74.7	68.6	62.5	55.2
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°
1632.4	0°	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4
1531.8	2.5°	1541.3	1550.8	1560.3	1569.7	1580.5	1591.3	1603.3	1615.3	1630.2	1643.5
1453.5	5°	1468.8	1484.0	1500.8	1517.6	1536.6	1555.6	1578.4	1601.0	1627.0	1653.3
1405.9	7.5°	1424.5	1443.2	1464.4	1485.5	1510.5	1535.6	1565.7	1595.9	1629.5	1665.4
1397.2	10°	1418.1	1439.1	1461.9	1484.7	1509.7	1534.8	1566.6	1598.4	1634.6	1678.8
1437.2	12.5°	1458.9	1480.7	1498.4	1516.4	1532.9	1549.6	1575.5	1601.5	1635.2	1681.7
1520.9	15°	1539.7	1558.6	1563.2	1567.8	1565.6	1563.3	1575.7	1588.2	1615.1	1666.7
1609.8	17.5°	1625.0	1640.2	1625.7	1611.2	1583.9	1556.6	1552.1	1547.5	1564.1	1624.7
1665.3	20°	1672.3	1679.3	1649.0	1618.6	1571.1	1523.7	1502.4	1481.1	1485.5	1556.1
1664.6	22.5°	1660.4	1656.2	1616.6	1577.1	1522.9	1468.8	1437.2	1405.7	1397.2	1477.5
1609.5	25°	1595.0	1580.5	1541.6	1502.7	1454.0	1405.3	1369.0	1332.6	1309.5	1391.8
1513.7	27.5°	1497.4	1481.3	1450.1	1418.9	1378.9	1338.9	1303.8	1268.7	1240.6	1315.5
1412.8	30°	1399.7	1386.5	1360.6	1334.7	1301.5	1268.3	1240.4	1212.6	1190.4	1253.4
1328.3	32.5°	1313.6	1299.0	1274.1	1249.3	1222.8	1196.3	1179.8	1163.3	1153.5	1204.2
1250.6	35°	1233.0	1215.5	1190.9	1166.3	1146.2	1125.9	1121.4	1116.8	1120.9	1163.2
1179.5	37.5°	1157.8	1136.1	1111.6	1087.1	1072.6	1058.1	1063.1	1068.1	1083.0	1120.0
1110.3	40°	1085.3	1060.3	1036.7	1013.0	1002.5	992.1	1003.4	1014.7	1037.6	1071.1
1043.9	42.5°	1016.9	990.0	967.5	945.1	936.5	928.0	943.0	958.1	986.9	1017.8
985.3	45°	957.4	929.4	908.1	886.8	879.6	872.4	887.0	901.7	929.6	960.9
937.1	47.5°	909.5	882.0	861.2	840.3	833.6	826.8	839.1	851.4	875.4	915.8
895.1	50°	870.4	845.7	826.1	806.5	795.9	785.4	796.2	807.1	835.0	888.1
866.3	52.5°	843.2	820.3	802.3	784.2	768.5	752.6	763.3	774.1	813.1	874.1
846.6	55°	826.5	806.3	786.9	767.4	745.0	722.5	739.5	756.6	815.2	872.1
830.3	57.5°	810.3	790.4	767.6	744.8	720.6	696.4	721.2	746.0	817.4	867.5
807.1	60°	786.8	766.6	740.4	714.2	693.0	671.8	704.0	736.1	810.5	843.6
775.5	62.5°	753.9	732.2	701.7	671.2	657.7	644.2	684.4	724.6	793.6	797.7
731.9	65°	711.3	690.6	657.8	625.1	620.0	614.8	657.6	700.3	752.9	752.4
682.1	67.5°	662.6	643.0	612.7	582.5	584.2	585.8	621.4	657.0	686.5	687.9
627.0	70°	610.1	593.2	566.6	540.1	545.7	551.3	576.7	602.0	611.7	611.7
561.9	72.5°	546.6	531.3	510.4	489.5	497.7	506.0	523.3	540.7	540.6	534.4
487.3	75°	473.5	459.6	444.1	428.6	436.5	444.4	457.8	471.2	473.5	445.2
413.1	77.5°	401.2	389.3	376.7	364.1	372.1	380.1	390.8	401.5	402.8	356.1
331.7	80°	321.6	311.6	301.2	290.6	297.4	304.1	313.1	322.1	322.3	266.5
209.8	82.5°	213.3	216.9	217.7	218.6	223.4	228.1	232.5	236.9	234.3	186.7
107.4	85°	117.1	126.8	131.4	135.9	141.3	146.6	151.3	156.0	152.5	117.1
47.9	87.5°	55.4	62.8	63.0	63.1	64.1	65.1	67.0	68.9	64.5	49.8
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):

325°		330°	335°	340°	345°	350°	355°	360°
1632.4	0°	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4	1632.4
1657.3	2.5°	1671.1	1685.5	1699.9	1714.2	1728.5	1742.0	1755.4
1681.2	5°	1709.1	1738.9	1768.8	1798.4	1828.1	1857.9	1887.6
1704.3	7.5°	1743.2	1787.4	1831.6	1876.9	1922.3	1971.3	2020.4
1724.9	10°	1770.9	1824.6	1878.2	1938.1	1998.0	2060.1	2122.2
1733.8	12.5°	1785.8	1849.1	1912.4	1980.3	2048.2	2116.3	2184.5
1726.9	15°	1787.2	1860.1	1932.9	2006.6	2080.2	2151.3	2222.4
1697.2	17.5°	1769.7	1854.2	1938.8	2019.2	2099.5	2171.6	2243.7
1645.9	20°	1735.7	1838.2	1940.7	2029.0	2117.3	2192.3	2267.2
1585.7	22.5°	1693.9	1818.5	1943.2	2042.3	2141.3	2217.9	2294.5
1518.5	25°	1645.2	1799.1	1953.1	2066.3	2179.5	2254.5	2329.5
1457.0	27.5°	1598.5	1786.1	1973.7	2103.9	2234.0	2305.6	2377.1
1405.7	30°	1557.9	1780.1	2002.1	2152.6	2303.1	2372.2	2441.3
1361.4	32.5°	1518.5	1772.6	2026.5	2203.4	2380.3	2448.7	2517.1
1317.9	35°	1472.5	1758.4	2044.4	2261.3	2478.1	2543.7	2609.2
1266.6	37.5°	1413.3	1734.2	2055.1	2326.1	2597.1	2680.7	2764.2
1205.5	40°	1339.8	1700.8	2061.8	2408.4	2755.0	2876.7	2998.5
1138.0	42.5°	1258.3	1666.3	2074.5	2516.1	2957.7	3133.4	3309.2
1066.4	45°	1171.8	1634.3	2096.8	2657.8	3218.7	3455.8	3692.9
1009.7	47.5°	1103.6	1607.9	2112.2	2808.7	3505.3	3839.0	4172.7
972.0	50°	1056.0	1579.1	2102.2	2948.8	3795.4	4298.5	4801.6
947.2	52.5°	1020.4	1530.4	2040.5	3039.7	4038.9	4781.2	5523.5
929.2	55°	986.4	1449.7	1913.0	3019.7	4126.3	5209.2	6292.1
907.9	57.5°	948.4	1336.0	1723.5	2878.6	4033.8	5512.5	6991.1
875.4	60°	907.1	1188.3	1469.4	2616.1	3762.8	5588.2	7413.6
818.8	62.5°	839.9	1011.5	1183.1	2261.1	3339.1	5269.1	7199.1
762.4	65°	772.3	852.5	932.6	1899.0	2865.4	4817.5	6769.7
682.4	67.5°	676.8	699.6	722.3	1544.2	2366.0	4280.2	6194.3
585.9	70°	560.1	553.7	547.1	1215.8	1884.5	3693.8	5503.1
497.9	72.5°	461.3	441.7	422.1	929.5	1436.9	3058.1	4679.4
404.3	75°	363.3	345.5	327.7	674.6	1021.5	2329.5	3637.4
316.3	77.5°	276.5	264.4	252.3	457.1	662.0	1630.4	2598.9
232.9	80°	199.2	194.2	189.2	294.5	399.9	1050.5	1701.0
161.9	82.5°	137.1	136.1	135.2	181.2	227.3	608.0	988.8
99.0	85°	80.8	81.3	81.7	96.8	112.0	273.5	435.0
42.3	87.5°	35.0	35.4	35.8	40.2	44.5	89.6	134.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)