

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: P948748

Luminaire Tested: **GALN-SB3C-950-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P948748
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-SB3C-950-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 90 CRI, 5000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15575 lumens
Efficiency: N/A
Efficacy: 104.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

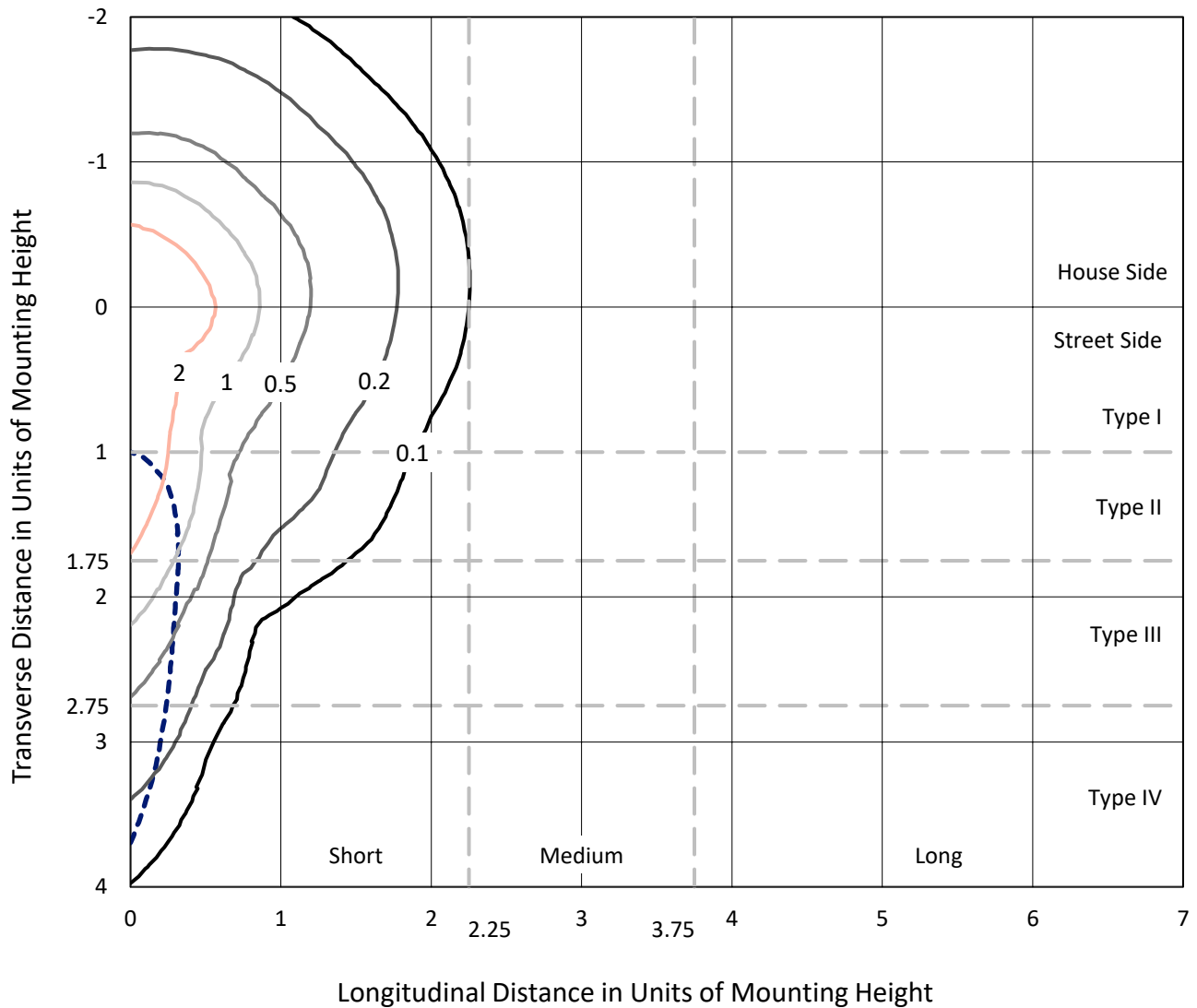
Input Watts (W): 149.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

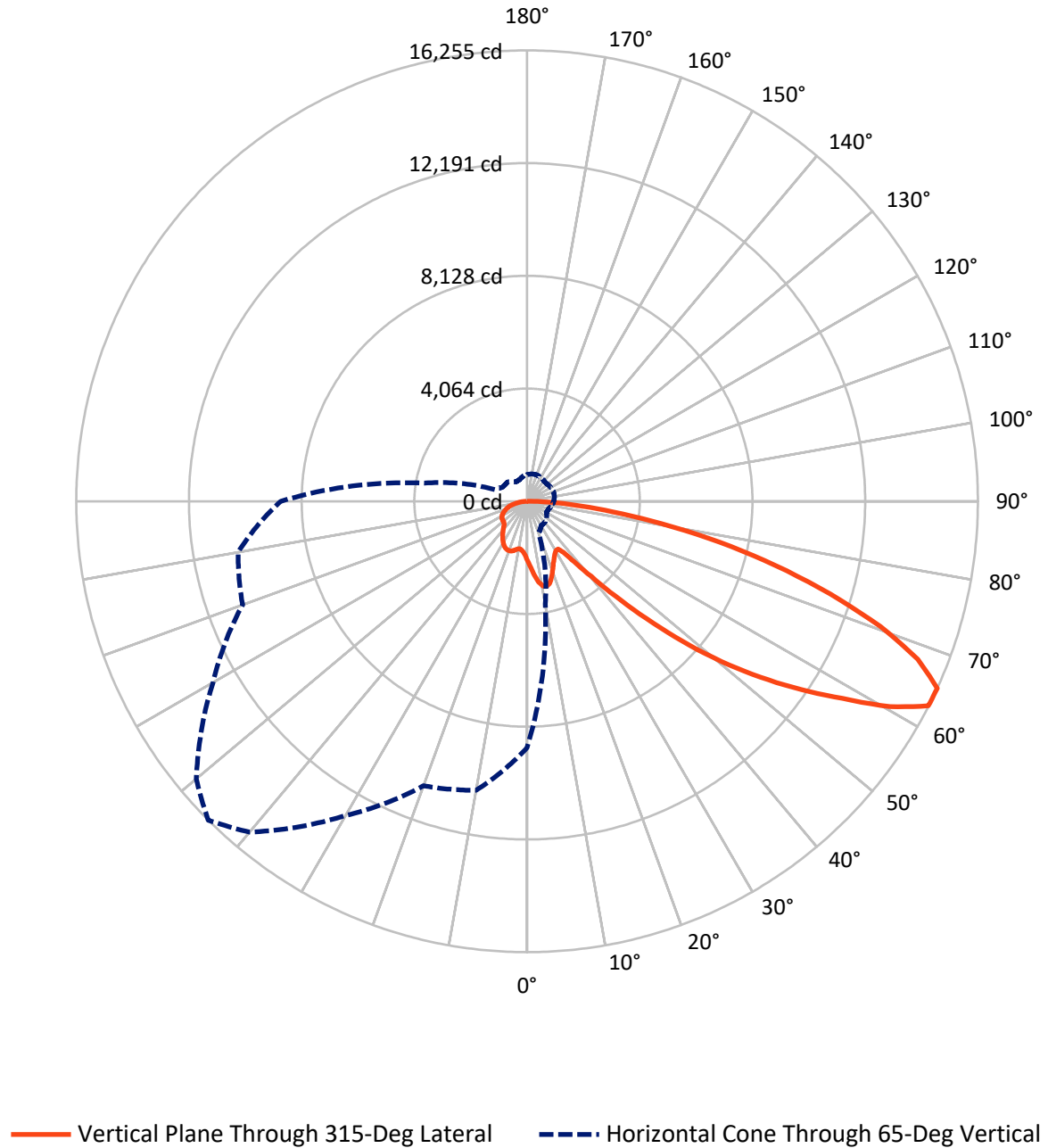
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.2 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3958.4	0.0	3958.4
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	11616.6	0.0	11616.6
	% Fixture	74.6	0.0	74.6
Total	Lumens	15575.0	0.0	15575.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	212.5	1.4
10°-20°	666.9	4.3
20°-30°	1030.2	6.6
30°-40°	1305.5	8.4
40°-50°	1969.0	12.6
50°-60°	3181.3	20.4
60°-70°	3966.0	25.5
70°-80°	2600.7	16.7
80°-90°	643.0	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°	15575.0	100.0
0°-180°	15575.0	100.0



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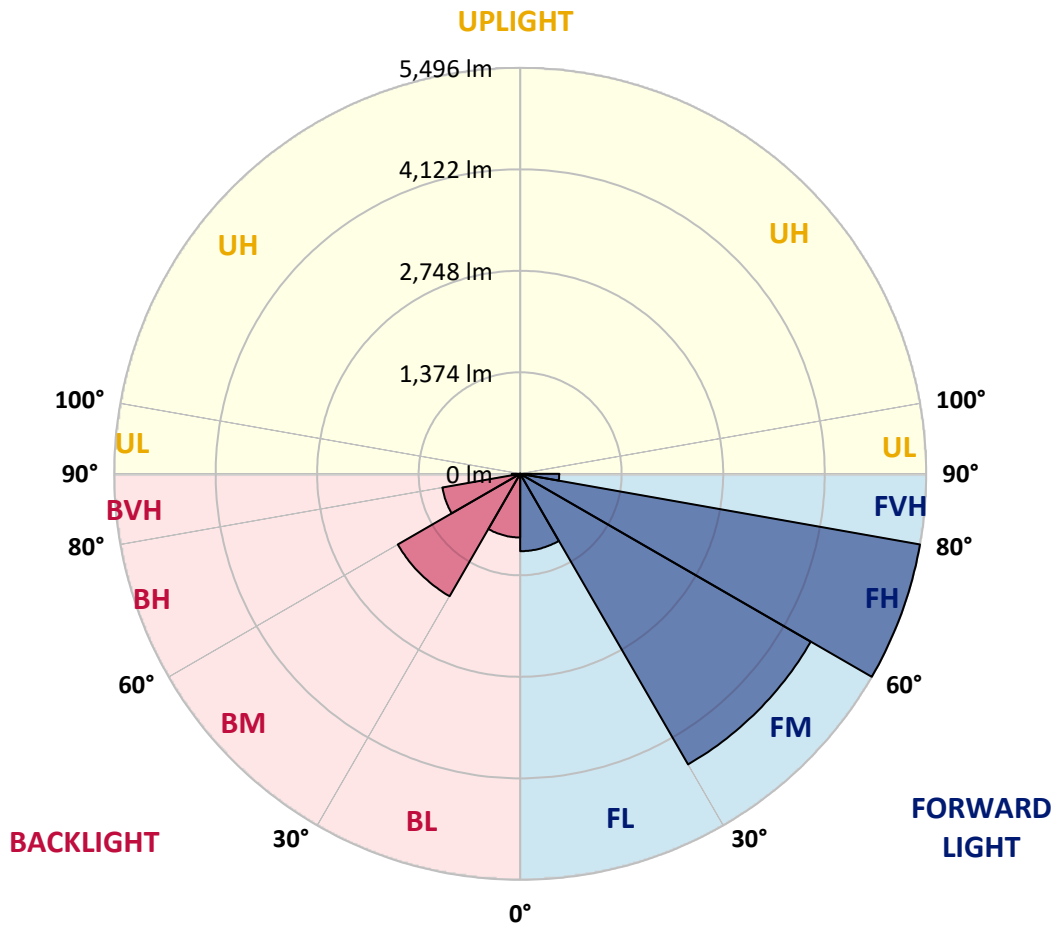
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1047.6	6.7			
FM (30°-60°)	4542.9	29.2			
FH (60°-80°)	5496.5	35.3			G3/7500
FVH (80°-90°)	529.7	3.4			G4/750
BL (0°-30°)	862.0	5.5	B2/1000		
BM (30°-60°)	1912.9	12.3	B2/2500		
BH (60°-80°)	1070.2	6.9	B3/2500		G3/2500
BVH (80°-90°)	113.3	0.7			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7
2.5°	2303.2	2285.5	2267.8	2249.0	2230.3	2211.4	2192.5	2174.4	2156.3	2138.8
5°	2476.6	2437.6	2398.5	2359.6	2320.7	2281.5	2242.4	2205.8	2169.2	2134.7
7.5°	2650.8	2586.4	2522.0	2462.5	2403.0	2345.1	2287.2	2236.1	2185.1	2138.0
10°	2784.4	2702.9	2621.5	2542.8	2464.3	2393.9	2323.5	2263.2	2202.7	2144.6
12.5°	2866.1	2776.6	2687.2	2598.1	2509.1	2426.1	2343.0	2274.8	2206.5	2145.4
15°	2915.9	2822.6	2729.3	2632.7	2536.0	2440.4	2344.9	2265.8	2186.7	2119.1
17.5°	2943.8	2849.2	2754.6	2649.2	2543.7	2432.8	2321.8	2226.8	2131.7	2052.1
20°	2974.6	2876.3	2778.0	2662.1	2546.2	2411.8	2277.3	2159.4	2041.6	1949.0
22.5°	3010.4	2909.9	2809.4	2679.5	2549.5	2385.9	2222.4	2080.5	1938.5	1833.1
25°	3056.4	2957.9	2859.6	2711.1	2562.5	2360.5	2158.5	1992.3	1826.1	1718.0
27.5°	3118.9	3025.0	2931.1	2760.4	2589.6	2343.5	2097.3	1911.7	1726.0	1627.6
30°	3203.1	3112.4	3021.7	2824.2	2626.7	2335.5	2044.1	1844.3	1644.5	1561.9
32.5°	3302.5	3212.7	3123.0	2890.9	2658.8	2325.6	1992.3	1786.2	1580.0	1513.4
35°	3423.3	3337.4	3251.3	2966.8	2682.3	2307.0	1932.0	1729.1	1526.1	1470.7
37.5°	3626.7	3517.1	3407.5	3051.9	2696.3	2275.2	1854.2	1661.8	1469.4	1420.9
40°	3934.1	3774.3	3614.6	3159.9	2705.1	2231.4	1757.9	1581.6	1405.3	1361.4
42.5°	4341.7	4111.1	3880.5	3301.1	2721.7	2186.2	1650.9	1493.1	1335.3	1294.8
45°	4845.1	4534.1	4223.0	3487.0	2751.1	2144.2	1537.5	1399.1	1260.7	1219.6
47.5°	5474.6	5036.8	4599.0	3685.1	2771.2	2109.6	1447.9	1324.7	1201.5	1148.5
50°	6299.8	5639.7	4979.7	3868.9	2758.1	2071.8	1385.4	1275.3	1165.2	1095.5
52.5°	7246.9	6273.1	5299.2	3988.2	2677.1	2007.9	1338.8	1242.8	1146.9	1066.7
55°	8255.3	6834.5	5413.8	3961.9	2509.9	1902.1	1294.2	1219.2	1144.2	1069.6
57.5°	9172.5	7232.5	5292.4	3776.8	2261.3	1752.8	1244.3	1191.2	1138.2	1072.5
60°	9726.8	7331.9	4936.9	3432.4	1927.9	1559.0	1190.2	1148.5	1106.8	1063.5
62.5°	9445.3	6913.2	4381.0	2966.7	1552.3	1327.1	1101.9	1074.2	1046.6	1041.3
65°	8882.0	6320.7	3759.5	2491.5	1223.5	1118.4	1013.3	1000.3	987.2	987.8
67.5°	8127.1	5615.7	3104.2	2026.0	947.7	917.9	888.0	895.3	902.5	900.7
70°	7220.2	4846.3	2472.5	1595.2	717.9	726.4	734.9	768.7	802.5	802.5
72.5°	6139.5	4012.4	1885.3	1219.5	553.8	579.5	605.3	653.3	701.2	709.2
75°	4772.4	3056.3	1340.2	885.1	430.0	453.3	476.7	530.4	584.2	621.3
77.5°	3409.8	2139.1	868.5	599.8	331.0	346.9	362.8	415.0	467.2	528.4
80°	2231.7	1378.2	524.7	386.4	248.2	254.8	261.3	305.6	349.7	422.8
82.5°	1297.3	797.7	298.2	237.7	177.4	178.5	179.8	212.4	244.9	307.4
85°	570.8	358.8	146.9	127.1	107.2	106.7	106.0	129.8	153.7	200.1
87.5°	176.7	117.5	58.4	52.7	47.0	46.4	45.9	55.6	65.3	84.6
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°
2141.7	0°	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7
2119.3	2.5°	2103.6	2087.9	2073.6	2059.5	2047.1	2034.7	2022.2	2009.8	2000.2	1990.5
2100.6	5°	2070.9	2041.0	2016.0	1991.1	1969.1	1947.1	1927.1	1907.1	1891.7	1876.2
2093.9	7.5°	2054.3	2014.7	1981.9	1949.0	1921.3	1893.5	1869.0	1844.6	1826.3	1808.0
2097.2	10°	2055.4	2013.7	1980.8	1947.9	1918.1	1888.2	1860.6	1833.1	1811.2	1789.3
2101.3	12.5°	2067.1	2033.1	2011.2	1989.5	1966.0	1942.6	1914.1	1885.7	1857.8	1829.8
2083.8	15°	2067.4	2051.1	2054.1	2057.0	2051.0	2044.9	2020.1	1995.4	1955.6	1915.9
2030.3	17.5°	2036.3	2042.3	2078.1	2113.9	2133.0	2152.0	2132.0	2112.1	2059.4	2006.8
1943.2	20°	1971.2	1999.1	2061.3	2123.6	2163.5	2203.3	2194.1	2184.8	2124.6	2064.4
1844.4	22.5°	1885.7	1927.0	1998.0	2069.2	2121.1	2172.9	2178.5	2184.0	2126.5	2069.0
1748.4	25°	1796.1	1843.8	1907.6	1971.6	2022.6	2073.6	2092.7	2111.7	2064.5	2017.4
1664.6	27.5°	1710.6	1756.7	1809.2	1861.6	1902.5	1943.5	1964.7	1986.0	1952.3	1918.8
1590.9	30°	1627.4	1664.0	1707.6	1751.2	1785.1	1819.1	1836.4	1853.6	1828.1	1802.4
1526.3	32.5°	1547.9	1569.5	1604.3	1639.1	1671.7	1704.3	1723.5	1742.7	1719.2	1695.6
1465.3	35°	1471.2	1477.2	1503.8	1530.3	1562.5	1594.8	1617.8	1640.8	1624.0	1607.3
1401.4	37.5°	1394.8	1388.2	1407.3	1426.3	1458.4	1490.6	1519.1	1547.5	1539.8	1532.1
1331.4	40°	1316.5	1301.6	1315.3	1329.1	1360.1	1391.2	1423.9	1456.7	1458.6	1460.4
1257.0	42.5°	1237.3	1217.5	1228.7	1240.0	1269.4	1298.9	1334.2	1369.6	1379.0	1388.5
1183.0	45°	1163.8	1144.6	1154.0	1163.6	1191.5	1219.4	1256.1	1292.7	1306.3	1319.9
1117.0	47.5°	1100.9	1084.8	1093.7	1102.5	1129.9	1157.1	1193.3	1229.5	1245.1	1260.7
1058.9	50°	1044.6	1030.4	1044.2	1058.1	1083.9	1109.6	1142.0	1174.4	1194.5	1214.5
1015.6	52.5°	1001.5	987.4	1008.2	1028.9	1052.6	1076.2	1106.4	1136.6	1160.3	1184.1
992.6	55°	970.3	948.0	977.5	1006.9	1032.4	1057.9	1084.3	1110.7	1135.9	1161.1
978.8	57.5°	946.3	913.7	945.4	977.2	1007.1	1037.0	1063.1	1089.3	1114.7	1140.0
965.8	60°	923.7	881.4	909.3	937.1	971.4	1005.8	1032.3	1058.9	1084.4	1109.9
950.7	62.5°	897.9	845.3	862.9	880.6	920.6	960.7	989.1	1017.4	1040.8	1064.1
918.8	65°	862.8	806.6	813.5	820.2	863.1	906.1	933.2	960.3	980.9	1001.4
861.9	67.5°	815.3	768.6	766.4	764.3	803.9	843.6	869.3	895.0	912.7	930.5
789.8	70°	756.6	723.4	716.0	708.6	743.4	778.3	800.5	822.7	838.7	854.7
709.4	72.5°	686.6	663.9	653.0	642.3	669.7	697.1	717.1	737.2	752.9	768.6
618.2	75°	600.7	583.1	572.7	562.3	582.7	603.1	621.2	639.4	653.7	668.0
526.8	77.5°	512.7	498.7	488.2	477.6	494.3	510.8	526.4	542.0	557.0	572.0
422.6	80°	410.8	399.0	390.2	381.3	395.1	408.9	422.0	435.2	446.6	457.9
310.8	82.5°	305.1	299.3	293.1	286.8	285.7	284.5	279.9	275.3	299.6	324.0
204.6	85°	198.5	192.3	185.3	178.3	172.4	166.4	153.7	140.9	163.7	186.6
90.4	87.5°	87.9	85.5	84.2	82.8	82.6	82.3	72.7	62.9	72.4	82.0
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°
2141.7	0°	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7
1982.7	2.5°	1974.9	1968.8	1962.7	1957.1	1951.4	1944.5	1951.4	1957.1	1962.7	1968.8
1865.5	5°	1854.7	1847.1	1839.4	1833.6	1827.8	1822.0	1827.8	1833.6	1839.4	1847.1
1795.2	7.5°	1782.4	1773.6	1764.9	1759.6	1754.4	1750.5	1754.4	1759.6	1764.9	1773.6
1775.0	10°	1760.5	1752.2	1743.9	1739.5	1735.1	1733.2	1735.1	1739.5	1743.9	1752.2
1811.3	12.5°	1792.8	1783.5	1774.3	1770.6	1766.8	1766.1	1766.8	1770.6	1774.3	1783.5
1887.8	15°	1859.6	1846.7	1833.9	1829.0	1824.1	1823.6	1824.1	1829.0	1833.9	1846.7
1965.3	17.5°	1923.9	1904.8	1885.7	1879.4	1873.1	1872.1	1873.1	1879.4	1885.7	1904.8
2013.7	20°	1962.9	1938.5	1914.0	1906.2	1898.4	1896.0	1898.4	1906.2	1914.0	1938.5
2016.7	22.5°	1964.3	1938.6	1912.8	1904.2	1895.6	1891.9	1895.6	1904.2	1912.8	1938.6
1970.9	25°	1924.6	1902.2	1879.9	1871.8	1863.8	1859.0	1863.8	1871.8	1879.9	1902.2
1882.7	27.5°	1846.7	1831.7	1816.7	1813.0	1809.3	1808.0	1809.3	1813.0	1816.7	1831.7
1776.6	30°	1750.7	1743.0	1735.3	1735.3	1735.3	1736.5	1735.3	1735.3	1735.3	1743.0
1675.0	32.5°	1654.3	1649.3	1644.3	1645.0	1645.7	1647.0	1645.7	1645.0	1644.3	1649.3
1588.3	35°	1569.3	1561.6	1554.1	1552.4	1550.8	1550.0	1550.8	1552.4	1554.1	1561.6
1514.6	37.5°	1497.0	1483.1	1469.3	1462.0	1454.6	1450.5	1454.6	1462.0	1469.3	1483.1
1445.5	40°	1430.6	1410.4	1390.4	1376.7	1363.3	1355.2	1363.3	1376.7	1390.4	1410.4
1375.9	42.5°	1363.4	1338.4	1313.3	1293.5	1273.7	1260.7	1273.7	1293.5	1313.3	1338.4
1308.5	45°	1297.3	1268.6	1240.0	1216.7	1193.5	1178.5	1193.5	1216.7	1240.0	1268.6
1252.8	47.5°	1244.9	1219.4	1194.0	1172.4	1151.0	1136.6	1151.0	1172.4	1194.0	1219.4
1214.0	50°	1213.7	1193.3	1172.9	1153.0	1133.1	1119.3	1133.1	1153.0	1172.9	1193.3
1188.4	52.5°	1192.6	1176.0	1159.4	1141.6	1123.9	1111.1	1123.9	1141.6	1159.4	1176.0
1167.0	55°	1172.9	1158.5	1144.0	1128.4	1112.8	1101.3	1112.8	1128.4	1144.0	1158.5
1146.0	57.5°	1152.0	1137.4	1122.8	1107.3	1091.8	1079.9	1091.8	1107.3	1122.8	1137.4
1116.5	60°	1123.0	1108.7	1094.5	1078.6	1062.6	1050.3	1062.6	1078.6	1094.5	1108.7
1070.4	62.5°	1076.8	1063.9	1051.0	1034.2	1017.4	1002.6	1017.4	1034.2	1051.0	1063.9
1007.9	65°	1014.3	1001.9	989.5	973.2	957.0	944.3	957.0	973.2	989.5	1001.9
936.8	67.5°	943.1	931.6	920.3	905.2	890.0	878.5	890.0	905.2	920.3	931.6
860.8	70°	866.9	857.6	848.3	833.8	819.4	806.2	819.4	833.8	848.3	857.6
775.8	72.5°	783.0	775.3	767.6	753.8	740.1	727.3	740.1	753.8	767.6	775.3
675.5	75°	683.1	679.3	675.5	664.0	652.4	640.2	652.4	664.0	675.5	679.3
579.1	77.5°	586.1	580.9	575.4	563.8	552.1	542.4	552.1	563.8	575.4	580.9
467.3	80°	476.7	474.4	472.1	456.4	440.7	422.4	440.7	456.4	472.1	474.4
339.9	82.5°	355.9	354.9	353.8	340.6	327.3	315.6	327.3	340.6	353.8	354.9
206.3	85°	226.0	224.4	222.7	212.4	202.0	191.5	202.0	212.4	222.7	224.4
90.0	87.5°	98.0	96.0	93.9	88.6	83.2	78.1	83.2	88.6	93.9	96.0
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
2141.7	0°	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7
1974.9	2.5°	1982.7	1990.5	2000.2	2009.8	2022.2	2034.7	2047.1	2059.5	2073.6	2087.9
1854.7	5°	1865.5	1876.2	1891.7	1907.1	1927.1	1947.1	1969.1	1991.1	2016.0	2041.0
1782.4	7.5°	1795.2	1808.0	1826.3	1844.6	1869.0	1893.5	1921.3	1949.0	1981.9	2014.7
1760.5	10°	1775.0	1789.3	1811.2	1833.1	1860.6	1888.2	1918.1	1947.9	1980.8	2013.7
1792.8	12.5°	1811.3	1829.8	1857.8	1885.7	1914.1	1942.6	1966.0	1989.5	2011.2	2033.1
1859.6	15°	1887.8	1915.9	1955.6	1995.4	2020.1	2044.9	2051.0	2057.0	2054.1	2051.1
1923.9	17.5°	1965.3	2006.8	2059.4	2112.1	2132.0	2152.0	2133.0	2113.9	2078.1	2042.3
1962.9	20°	2013.7	2064.4	2124.6	2184.8	2194.1	2203.3	2163.5	2123.6	2061.3	1999.1
1964.3	22.5°	2016.7	2069.0	2126.5	2184.0	2178.5	2172.9	2121.1	2069.2	1998.0	1927.0
1924.6	25°	1970.9	2017.4	2064.5	2111.7	2092.7	2073.6	2022.6	1971.6	1907.6	1843.8
1846.7	27.5°	1882.7	1918.8	1952.3	1986.0	1964.7	1943.5	1902.5	1861.6	1809.2	1756.7
1750.7	30°	1776.6	1802.4	1828.1	1853.6	1836.4	1819.1	1785.1	1751.2	1707.6	1664.0
1654.3	32.5°	1675.0	1695.6	1719.2	1742.7	1723.5	1704.3	1671.7	1639.1	1604.3	1569.5
1569.3	35°	1588.3	1607.3	1624.0	1640.8	1617.8	1594.8	1562.5	1530.3	1503.8	1477.2
1497.0	37.5°	1514.6	1532.1	1539.8	1547.5	1519.1	1490.6	1458.4	1426.3	1407.3	1388.2
1430.6	40°	1445.5	1460.4	1458.6	1456.7	1423.9	1391.2	1360.1	1329.1	1315.3	1301.6
1363.4	42.5°	1375.9	1388.5	1379.0	1369.6	1334.2	1298.9	1269.4	1240.0	1228.7	1217.5
1297.3	45°	1308.5	1319.9	1306.3	1292.7	1256.1	1219.4	1191.5	1163.6	1154.0	1144.6
1244.9	47.5°	1252.8	1260.7	1245.1	1229.5	1193.3	1157.1	1129.9	1102.5	1093.7	1084.8
1213.7	50°	1214.0	1214.5	1194.5	1174.4	1142.0	1109.6	1083.9	1058.1	1044.2	1030.4
1192.6	52.5°	1188.4	1184.1	1160.3	1136.6	1106.4	1076.2	1052.6	1028.9	1008.2	987.4
1172.9	55°	1167.0	1161.1	1135.9	1110.7	1084.3	1057.9	1032.4	1006.9	977.5	948.0
1152.0	57.5°	1146.0	1140.0	1114.7	1089.3	1063.1	1037.0	1007.1	977.2	945.4	913.7
1123.0	60°	1116.5	1109.9	1084.4	1058.9	1032.3	1005.8	971.4	937.1	909.3	881.4
1076.8	62.5°	1070.4	1064.1	1040.8	1017.4	989.1	960.7	920.6	880.6	862.9	845.3
1014.3	65°	1007.9	1001.4	980.9	960.3	933.2	906.1	863.1	820.2	813.5	806.6
943.1	67.5°	936.8	930.5	912.7	895.0	869.3	843.6	803.9	764.3	766.4	768.6
866.9	70°	860.8	854.7	838.7	822.7	800.5	778.3	743.4	708.6	716.0	723.4
783.0	72.5°	775.8	768.6	752.9	737.2	717.1	697.1	669.7	642.3	653.0	663.9
683.1	75°	675.5	668.0	653.7	639.4	621.2	603.1	582.7	562.3	572.7	583.1
586.1	77.5°	579.1	572.0	557.0	542.0	526.4	510.8	494.3	477.6	488.2	498.7
476.7	80°	467.3	457.9	446.6	435.2	422.0	408.9	395.1	381.3	390.2	399.0
355.9	82.5°	339.9	324.0	299.6	275.3	279.9	284.5	285.7	286.8	293.1	299.3
226.0	85°	206.3	186.6	163.7	140.9	153.7	166.4	172.4	178.3	185.3	192.3
98.0	87.5°	90.0	82.0	72.4	62.9	72.7	82.3	82.6	82.8	84.2	85.5
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°
2141.7	0°	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7
2103.6	2.5°	2119.3	2138.8	2156.3	2174.4	2192.5	2211.4	2230.3	2249.0	2267.8	2285.5
2070.9	5°	2100.6	2134.7	2169.2	2205.8	2242.4	2281.5	2320.7	2359.6	2398.5	2437.6
2054.3	7.5°	2093.9	2138.0	2185.1	2236.1	2287.2	2345.1	2403.0	2462.5	2522.0	2586.4
2055.4	10°	2097.2	2144.6	2202.7	2263.2	2323.5	2393.9	2464.3	2542.8	2621.5	2702.9
2067.1	12.5°	2101.3	2145.4	2206.5	2274.8	2343.0	2426.1	2509.1	2598.1	2687.2	2776.6
2067.4	15°	2083.8	2119.1	2186.7	2265.8	2344.9	2440.4	2536.0	2632.7	2729.3	2822.6
2036.3	17.5°	2030.3	2052.1	2131.7	2226.8	2321.8	2432.8	2543.7	2649.2	2754.6	2849.2
1971.2	20°	1943.2	1949.0	2041.6	2159.4	2277.3	2411.8	2546.2	2662.1	2778.0	2876.3
1885.7	22.5°	1844.4	1833.1	1938.5	2080.5	2222.4	2385.9	2549.5	2679.5	2809.4	2909.9
1796.1	25°	1748.4	1718.0	1826.1	1992.3	2158.5	2360.5	2562.5	2711.1	2859.6	2957.9
1710.6	27.5°	1664.6	1627.6	1726.0	1911.7	2097.3	2343.5	2589.6	2760.4	2931.1	3025.0
1627.4	30°	1590.9	1561.9	1644.5	1844.3	2044.1	2335.5	2626.7	2824.2	3021.7	3112.4
1547.9	32.5°	1526.3	1513.4	1580.0	1786.2	1992.3	2325.6	2658.8	2890.9	3123.0	3212.7
1471.2	35°	1465.3	1470.7	1526.1	1729.1	1932.0	2307.0	2682.3	2966.8	3251.3	3337.4
1394.8	37.5°	1401.4	1420.9	1469.4	1661.8	1854.2	2275.2	2696.3	3051.9	3407.5	3517.1
1316.5	40°	1331.4	1361.4	1405.3	1581.6	1757.9	2231.4	2705.1	3159.9	3614.6	3774.3
1237.3	42.5°	1257.0	1294.8	1335.3	1493.1	1650.9	2186.2	2721.7	3301.1	3880.5	4111.1
1163.8	45°	1183.0	1219.6	1260.7	1399.1	1537.5	2144.2	2751.1	3487.0	4223.0	4534.1
1100.9	47.5°	1117.0	1148.5	1201.5	1324.7	1447.9	2109.6	2771.2	3685.1	4599.0	5036.8
1044.6	50°	1058.9	1095.5	1165.2	1275.3	1385.4	2071.8	2758.1	3868.9	4979.7	5639.7
1001.5	52.5°	1015.6	1066.7	1146.9	1242.8	1338.8	2007.9	2677.1	3988.2	5299.2	6273.1
970.3	55°	992.6	1069.6	1144.2	1219.2	1294.2	1902.1	2509.9	3961.9	5413.8	6834.5
946.3	57.5°	978.8	1072.5	1138.2	1191.2	1244.3	1752.8	2261.3	3776.8	5292.4	7232.5
923.7	60°	965.8	1063.5	1106.8	1148.5	1190.2	1559.0	1927.9	3432.4	4936.9	7331.9
897.9	62.5°	950.7	1041.3	1046.6	1074.2	1101.9	1327.1	1552.3	2966.7	4381.0	6913.2
862.8	65°	918.8	987.8	987.2	1000.3	1013.3	1118.4	1223.5	2491.5	3759.5	6320.7
815.3	67.5°	861.9	900.7	902.5	895.3	888.0	917.9	947.7	2026.0	3104.2	5615.7
756.6	70°	789.8	802.5	802.5	768.7	734.9	726.4	717.9	1595.2	2472.5	4846.3
686.6	72.5°	709.4	709.2	701.2	653.3	605.3	579.5	553.8	1219.5	1885.3	4012.4
600.7	75°	618.2	621.3	584.2	530.4	476.7	453.3	430.0	885.1	1340.2	3056.3
512.7	77.5°	526.8	528.4	467.2	415.0	362.8	346.9	331.0	599.8	868.5	2139.1
410.8	80°	422.6	422.8	349.7	305.6	261.3	254.8	248.2	386.4	524.7	1378.2
305.1	82.5°	310.8	307.4	244.9	212.4	179.8	178.5	177.4	237.7	298.2	797.7
198.5	85°	204.6	200.1	153.7	129.8	106.0	106.7	107.2	127.1	146.9	358.8
87.9	87.5°	90.4	84.6	65.3	55.6	45.9	46.4	47.0	52.7	58.4	117.5
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
2141.7	0°	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7
2303.2	2.5°	2311.9	2320.7	2333.1	2345.5	2352.9	2360.3	2364.0	2367.7	2366.1	2367.7
2476.6	5°	2507.1	2537.7	2567.9	2598.2	2614.7	2631.1	2641.0	2651.1	2658.6	2651.1
2650.8	7.5°	2700.5	2750.0	2794.6	2839.3	2866.1	2893.0	2907.6	2922.0	2929.0	2922.0
2784.4	10°	2843.0	2901.7	2954.1	3006.4	3038.2	3069.7	3083.8	3097.9	3103.2	3097.9
2866.1	12.5°	2929.8	2993.3	3040.6	3087.8	3110.8	3133.8	3141.5	3149.3	3150.1	3149.3
2915.9	15°	2970.8	3025.6	3055.2	3085.0	3085.8	3086.6	3078.4	3070.2	3060.5	3070.2
2943.8	17.5°	2980.9	3017.9	3018.5	3019.0	2985.7	2952.4	2921.9	2891.4	2869.8	2891.4
2974.6	20°	2987.5	3000.5	2961.5	2922.4	2849.0	2775.5	2722.0	2668.5	2635.6	2668.5
3010.4	22.5°	2993.4	2976.5	2895.6	2814.8	2706.7	2598.6	2531.7	2464.8	2428.5	2464.8
3056.4	25°	3003.0	2949.6	2826.8	2704.0	2572.7	2441.5	2371.2	2301.0	2266.6	2301.0
3118.9	27.5°	3023.4	2927.8	2765.1	2602.6	2457.1	2311.7	2242.5	2173.3	2140.9	2173.3
3203.1	30°	3060.7	2918.3	2718.1	2517.9	2366.4	2214.8	2150.7	2086.5	2056.2	2086.5
3302.5	32.5°	3107.5	2912.6	2686.1	2459.6	2317.2	2174.7	2124.4	2073.9	2052.1	2073.9
3423.3	35°	3184.7	2946.1	2710.1	2474.1	2375.2	2276.3	2264.6	2252.8	2251.0	2252.8
3626.7	37.5°	3346.0	3065.3	2850.8	2636.3	2629.9	2623.5	2677.2	2731.0	2758.9	2731.0
3934.1	40°	3628.8	3323.5	3164.0	3004.5	3117.0	3229.6	3360.3	3491.0	3556.1	3491.0
4341.7	42.5°	4038.8	3735.9	3644.0	3552.1	3797.7	4043.3	4280.9	4518.6	4658.1	4518.6
4845.1	45°	4573.0	4300.8	4260.3	4219.7	4613.1	5006.6	5397.1	5787.8	6024.9	5787.8
5474.6	47.5°	5209.9	4945.1	4936.9	4928.7	5496.3	6063.6	6635.4	7207.1	7542.8	7207.1
6299.8	50°	5972.8	5645.8	5647.2	5648.6	6380.1	7111.5	7866.2	8620.9	9077.1	8620.9
7246.9	52.5°	6851.0	6455.1	6415.1	6375.0	7248.6	8122.3	9056.1	9989.8	10536.7	9989.8
8255.3	55°	7864.1	7472.9	7316.9	7160.8	8133.2	9105.5	10218.7	11331.8	11982.3	11331.8
9172.5	57.5°	8959.5	8746.4	8433.3	8120.4	9102.2	10084.1	11344.9	12605.7	13412.3	12605.7
9726.8	60°	10057.7	10388.6	9999.9	9611.2	10540.3	11469.5	12819.4	14169.4	15041.2	14169.4
9445.3	62.5°	10349.4	11253.5	11209.7	11165.8	12017.0	12868.3	14152.6	15436.9	16242.7	15436.9
8882.0	65°	9730.5	10579.0	10746.9	10914.8	11996.5	13078.2	14323.6	15569.0	16255.0	15569.0
8127.1	67.5°	8934.1	9741.2	9819.9	9898.6	11025.6	12152.6	13403.4	14654.1	15191.6	14654.1
7220.2	70°	8098.0	8975.9	9011.1	9046.3	10054.2	11062.0	12138.4	13214.7	13513.4	13214.7
6139.5	72.5°	7146.8	8154.2	8179.5	8204.8	8993.3	9781.9	10588.0	11394.1	11424.3	11394.1
4772.4	75°	5815.0	6857.5	6951.1	7044.8	7658.3	8271.7	8839.2	9406.7	9254.7	9406.7
3409.8	77.5°	4383.0	5356.3	5490.3	5624.2	6090.6	6557.0	6959.4	7362.0	7100.6	7362.0
2231.7	80°	3050.5	3869.2	4035.7	4202.2	4554.4	4906.5	5117.9	5329.2	4908.8	5329.2
1297.3	82.5°	1857.0	2416.8	2602.8	2788.9	3031.3	3273.8	3362.0	3450.1	3119.7	3450.1
570.8	85°	867.9	1164.9	1323.2	1481.4	1680.6	1879.7	1929.7	1979.8	1715.2	1979.8
176.7	87.5°	276.5	376.4	464.7	552.9	652.5	752.1	756.4	760.6	638.6	760.6
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):

325°		330°	335°	340°	345°	350°	355°	360°
2141.7	0°	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7	2141.7
2364.0	2.5°	2360.3	2352.9	2345.5	2333.1	2320.7	2311.9	2303.2
2641.0	5°	2631.1	2614.7	2598.2	2567.9	2537.7	2507.1	2476.6
2907.6	7.5°	2893.0	2866.1	2839.3	2794.6	2750.0	2700.5	2650.8
3083.8	10°	3069.7	3038.2	3006.4	2954.1	2901.7	2843.0	2784.4
3141.5	12.5°	3133.8	3110.8	3087.8	3040.6	2993.3	2929.8	2866.1
3078.4	15°	3086.6	3085.8	3085.0	3055.2	3025.6	2970.8	2915.9
2921.9	17.5°	2952.4	2985.7	3019.0	3018.5	3017.9	2980.9	2943.8
2722.0	20°	2775.5	2849.0	2922.4	2961.5	3000.5	2987.5	2974.6
2531.7	22.5°	2598.6	2706.7	2814.8	2895.6	2976.5	2993.4	3010.4
2371.2	25°	2441.5	2572.7	2704.0	2826.8	2949.6	3003.0	3056.4
2242.5	27.5°	2311.7	2457.1	2602.6	2765.1	2927.8	3023.4	3118.9
2150.7	30°	2214.8	2366.4	2517.9	2718.1	2918.3	3060.7	3203.1
2124.4	32.5°	2174.7	2317.2	2459.6	2686.1	2912.6	3107.5	3302.5
2264.6	35°	2276.3	2375.2	2474.1	2710.1	2946.1	3184.7	3423.3
2677.2	37.5°	2623.5	2629.9	2636.3	2850.8	3065.3	3346.0	3626.7
3360.3	40°	3229.6	3117.0	3004.5	3164.0	3323.5	3628.8	3934.1
4280.9	42.5°	4043.3	3797.7	3552.1	3644.0	3735.9	4038.8	4341.7
5397.1	45°	5006.6	4613.1	4219.7	4260.3	4300.8	4573.0	4845.1
6635.4	47.5°	6063.6	5496.3	4928.7	4936.9	4945.1	5209.9	5474.6
7866.2	50°	7111.5	6380.1	5648.6	5647.2	5645.8	5972.8	6299.8
9056.1	52.5°	8122.3	7248.6	6375.0	6415.1	6455.1	6851.0	7246.9
10218.7	55°	9105.5	8133.2	7160.8	7316.9	7472.9	7864.1	8255.3
11344.9	57.5°	10084.1	9102.2	8120.4	8433.3	8746.4	8959.5	9172.5
12819.4	60°	11469.5	10540.3	9611.2	9999.9	10388.6	10057.7	9726.8
14152.6	62.5°	12868.3	12017.0	11165.8	11209.7	11253.5	10349.4	9445.3
14323.6	65°	13078.2	11996.5	10914.8	10746.9	10579.0	9730.5	8882.0
13403.4	67.5°	12152.6	11025.6	9898.6	9819.9	9741.2	8934.1	8127.1
12138.4	70°	11062.0	10054.2	9046.3	9011.1	8975.9	8098.0	7220.2
10588.0	72.5°	9781.9	8993.3	8204.8	8179.5	8154.2	7146.8	6139.5
8839.2	75°	8271.7	7658.3	7044.8	6951.1	6857.5	5815.0	4772.4
6959.4	77.5°	6557.0	6090.6	5624.2	5490.3	5356.3	4383.0	3409.8
5117.9	80°	4906.5	4554.4	4202.2	4035.7	3869.2	3050.5	2231.7
3362.0	82.5°	3273.8	3031.3	2788.9	2602.8	2416.8	1857.0	1297.3
1929.7	85°	1879.7	1680.6	1481.4	1323.2	1164.9	867.9	570.8
756.4	87.5°	752.1	652.5	552.9	464.7	376.4	276.5	176.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)