

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: P948727

Luminaire Tested: **GALN-SB3C-940-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P948727
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-940-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 90 CRI, 4000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16224 lumens
Efficiency: N/A
Efficacy: 108.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

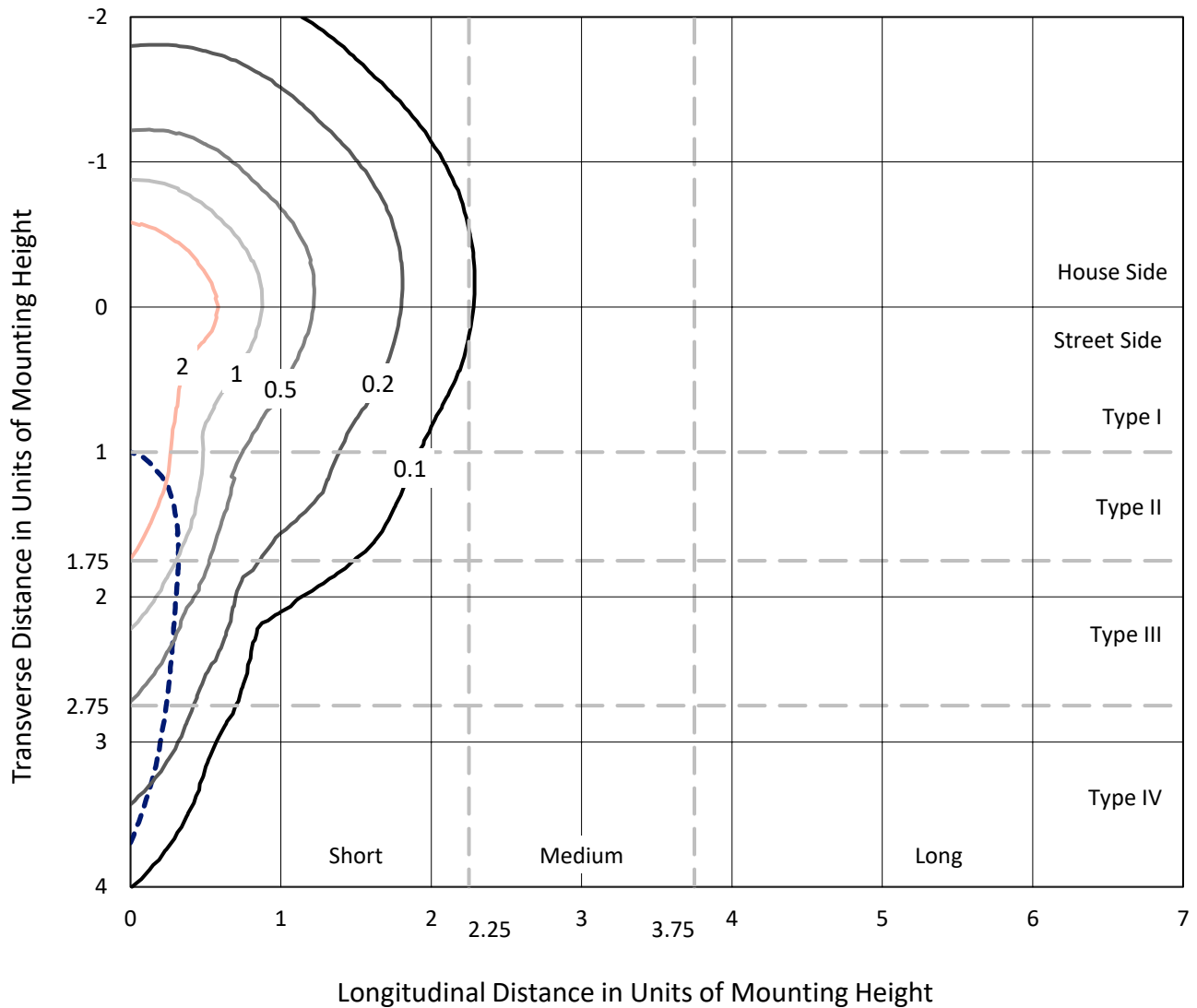
Input Watts (W): 149.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

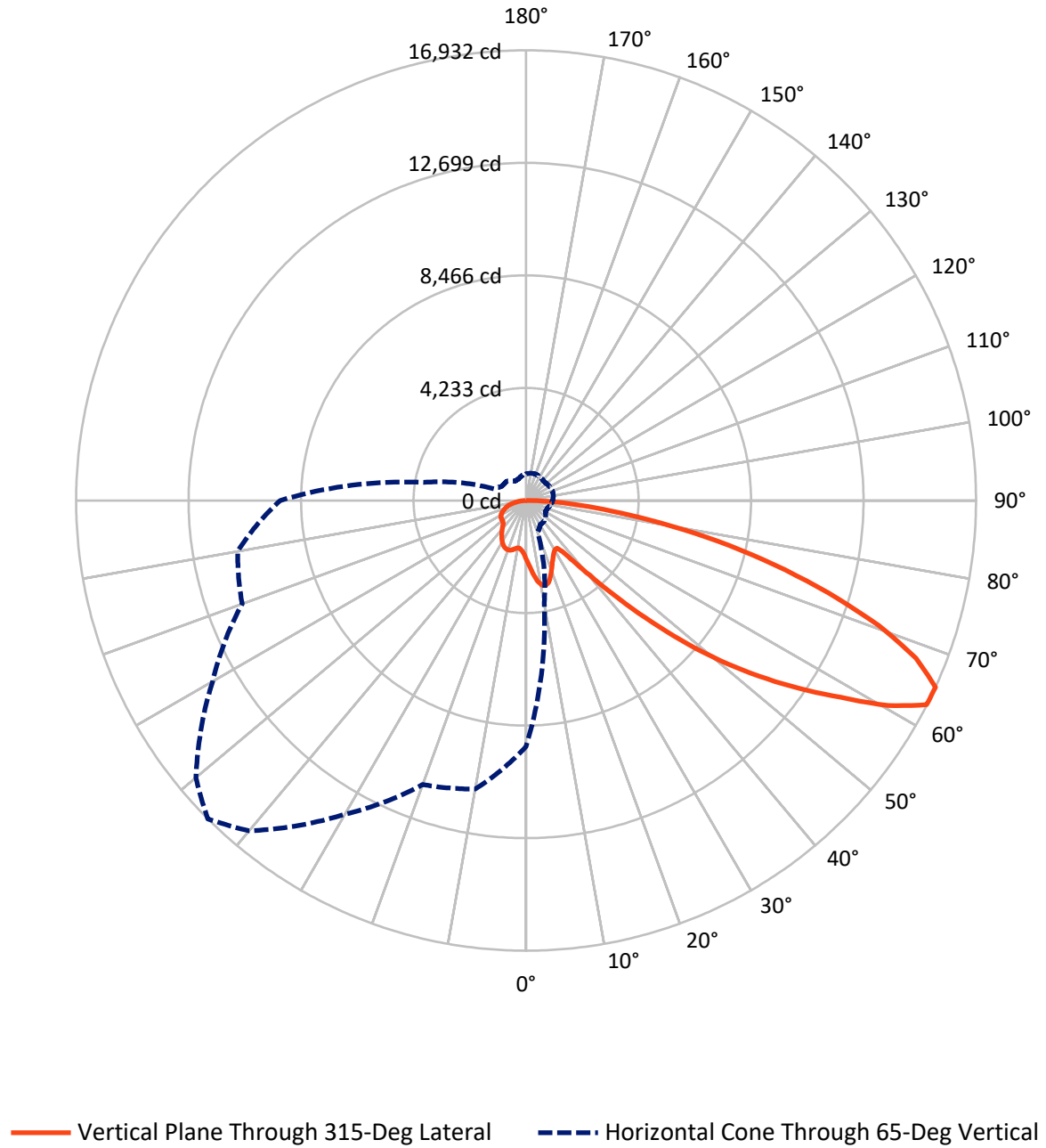
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.4 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	4123.3	0.0	4123.3
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	12100.7	0.0	12100.7
	% Fixture	74.6	0.0	74.6
Total	Lumens	16224.0	0.0	16224.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	221.3	1.4
10°-20°	694.7	4.3
20°-30°	1073.1	6.6
30°-40°	1359.9	8.4
40°-50°	2051.1	12.6
50°-60°	3313.8	20.4
60°-70°	4131.2	25.5
70°-80°	2709.0	16.7
80°-90°	669.7	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°	16224.0	100.0
0°-180°	16224.0	100.0



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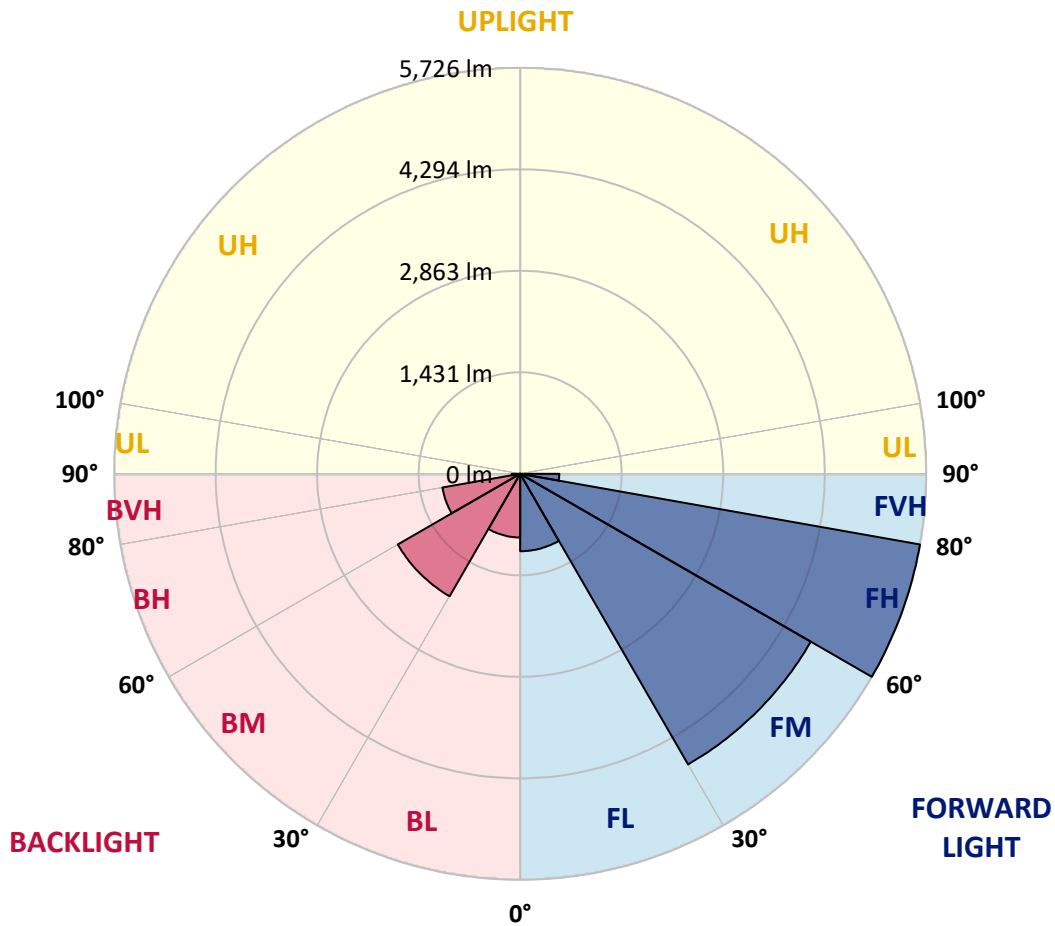
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1091.3	6.7			
FM (30°-60°)	4732.2	29.2			
FH (60°-80°)	5725.5	35.3			G3/7500
FVH (80°-90°)	551.7	3.4			G4/750
BL (0°-30°)	897.9	5.5	B2/1000		
BM (30°-60°)	1992.6	12.3	B2/2500		
BH (60°-80°)	1114.8	6.9	B3/2500		G3/2500
BVH (80°-90°)	118.0	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°	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9
2.5°	2399.2	2380.8	2362.3	2342.7	2323.2	2303.5	2283.8	2265.0	2246.2	2227.9
5°	2579.8	2539.1	2498.5	2457.9	2417.4	2376.6	2335.8	2297.7	2259.6	2223.7
7.5°	2761.3	2694.2	2627.1	2565.2	2503.2	2442.8	2382.5	2329.3	2276.1	2227.1
10°	2900.4	2815.6	2730.7	2648.8	2567.0	2493.7	2420.3	2357.5	2294.5	2233.9
12.5°	2985.6	2892.3	2799.2	2706.4	2613.6	2527.1	2440.7	2369.5	2298.4	2234.8
15°	3037.4	2940.2	2843.0	2742.4	2641.7	2542.1	2442.6	2360.2	2277.9	2207.4
17.5°	3066.5	2967.9	2869.4	2759.6	2649.7	2534.2	2418.6	2319.5	2220.5	2137.6
20°	3098.6	2996.2	2893.7	2773.0	2652.3	2512.2	2372.2	2249.4	2126.7	2030.2
22.5°	3135.8	3031.2	2926.5	2791.2	2655.7	2485.4	2315.0	2167.2	2019.3	1909.5
25°	3183.8	3081.2	2978.7	2824.0	2669.3	2458.8	2248.5	2075.3	1902.2	1789.6
27.5°	3248.8	3151.1	3053.2	2875.4	2697.5	2441.1	2184.7	1991.3	1797.9	1695.5
30°	3336.6	3242.1	3147.6	2941.9	2736.2	2432.8	2129.2	1921.1	1713.0	1627.0
32.5°	3440.2	3346.6	3253.1	3011.3	2769.6	2422.5	2075.3	1860.6	1645.8	1576.5
35°	3566.0	3476.4	3386.8	3090.4	2794.1	2403.2	2012.5	1801.1	1589.7	1532.0
37.5°	3777.9	3663.7	3549.5	3179.0	2808.6	2370.1	1931.5	1731.1	1530.7	1480.2
40°	4098.0	3931.6	3765.2	3291.5	2817.8	2324.4	1831.2	1647.5	1463.9	1418.1
42.5°	4522.7	4282.4	4042.2	3438.7	2835.2	2277.3	1719.7	1555.3	1391.0	1348.8
45°	5047.0	4723.0	4399.0	3632.3	2865.7	2233.6	1601.6	1457.4	1313.2	1270.4
47.5°	5702.8	5246.7	4790.6	3838.7	2886.7	2197.5	1508.2	1379.9	1251.6	1196.4
50°	6562.3	5874.8	5187.1	4030.1	2873.0	2158.1	1443.2	1328.5	1213.7	1141.2
52.5°	7548.9	6534.4	5520.0	4154.4	2788.7	2091.6	1394.6	1294.6	1194.7	1111.2
55°	8599.3	7119.3	5639.4	4127.0	2614.5	1981.3	1348.2	1270.0	1191.8	1114.2
57.5°	9554.7	7533.8	5513.0	3934.2	2355.5	1825.8	1296.1	1240.9	1185.7	1117.2
60°	10132.1	7637.4	5142.6	3575.4	2008.2	1624.0	1239.8	1196.4	1153.0	1107.8
62.5°	9838.9	7201.2	4563.6	3090.3	1617.0	1382.4	1147.8	1119.0	1090.2	1084.7
65°	9252.1	6584.1	3916.1	2595.3	1274.5	1165.0	1055.5	1041.9	1028.3	1029.0
67.5°	8465.8	5849.7	3233.6	2110.4	987.2	956.2	925.0	932.6	940.1	938.3
70°	7521.1	5048.3	2575.5	1661.6	747.8	756.7	765.5	800.8	836.0	836.0
72.5°	6395.3	4179.5	1963.8	1270.3	576.8	603.6	630.5	680.5	730.4	738.8
75°	4971.2	3183.7	1396.1	922.0	447.9	472.2	496.5	552.5	608.5	647.2
77.5°	3551.9	2228.3	904.7	624.8	344.8	361.4	378.0	432.3	486.7	550.5
80°	2324.7	1435.6	546.6	402.5	258.5	265.4	272.2	318.3	364.3	440.5
82.5°	1351.3	830.9	310.6	247.6	184.7	185.9	187.3	221.2	255.1	320.2
85°	594.5	373.8	153.1	132.3	111.7	111.1	110.4	135.3	160.1	208.5
87.5°	184.1	122.4	60.8	54.9	49.0	48.4	47.8	57.9	68.1	88.2
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°
2230.9	0°	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9
2207.7	2.5°	2191.2	2174.9	2160.1	2145.3	2132.4	2119.5	2106.5	2093.5	2083.5	2073.4
2188.1	5°	2157.1	2126.1	2100.0	2074.1	2051.2	2028.2	2007.4	1986.5	1970.5	1954.4
2181.1	7.5°	2139.9	2098.7	2064.4	2030.2	2001.3	1972.4	1946.9	1921.5	1902.4	1883.4
2184.5	10°	2141.1	2097.6	2063.3	2029.1	1998.0	1966.8	1938.2	1909.5	1886.7	1863.9
2188.8	12.5°	2153.2	2117.8	2095.0	2072.4	2047.9	2023.6	1993.9	1964.3	1935.2	1906.1
2170.6	15°	2153.6	2136.6	2139.7	2142.8	2136.4	2130.1	2104.3	2078.6	2037.1	1995.7
2114.9	17.5°	2121.2	2127.4	2164.7	2202.0	2221.9	2241.6	2220.8	2200.1	2145.2	2090.4
2024.2	20°	2053.3	2082.4	2147.2	2212.1	2253.6	2295.1	2285.6	2275.9	2213.1	2150.5
1921.2	22.5°	1964.3	2007.3	2081.3	2155.4	2209.5	2263.5	2269.3	2275.0	2215.1	2155.2
1821.3	25°	1871.0	1920.6	1987.1	2053.7	2106.9	2160.1	2179.9	2199.7	2150.6	2101.5
1734.0	27.5°	1781.9	1829.9	1884.6	1939.2	1981.8	2024.5	2046.5	2068.7	2033.7	1998.8
1657.2	30°	1695.2	1733.4	1778.8	1824.1	1859.5	1894.9	1912.9	1930.9	1904.3	1877.6
1589.9	32.5°	1612.4	1634.9	1671.2	1707.4	1741.3	1775.3	1795.3	1815.3	1790.8	1766.3
1526.4	35°	1532.6	1538.8	1566.5	1594.0	1627.6	1661.2	1685.2	1709.2	1691.7	1674.3
1459.8	37.5°	1452.9	1446.1	1465.9	1485.7	1519.2	1552.8	1582.4	1612.0	1603.9	1595.9
1386.8	40°	1371.4	1355.9	1370.2	1384.4	1416.8	1449.2	1483.2	1517.4	1519.4	1521.3
1309.4	42.5°	1288.8	1268.3	1279.9	1291.7	1322.3	1353.0	1389.8	1426.7	1436.5	1446.3
1232.3	45°	1212.3	1192.3	1202.1	1212.0	1241.1	1270.2	1308.4	1346.6	1360.7	1374.9
1163.6	47.5°	1146.8	1130.0	1139.3	1148.4	1176.9	1205.4	1243.0	1280.7	1297.0	1313.2
1103.1	50°	1088.2	1073.4	1087.7	1102.2	1129.1	1155.9	1189.6	1223.3	1244.2	1265.1
1057.9	52.5°	1043.2	1028.6	1050.2	1071.8	1096.5	1121.0	1152.5	1184.0	1208.7	1233.4
1034.0	55°	1010.7	987.5	1018.2	1048.9	1075.4	1101.9	1129.5	1157.0	1183.2	1209.5
1019.6	57.5°	985.7	951.8	984.8	1017.9	1049.0	1080.2	1107.4	1134.7	1161.2	1187.6
1006.1	60°	962.1	918.1	947.2	976.1	1011.9	1047.7	1075.3	1103.1	1129.6	1156.1
990.3	62.5°	935.4	880.5	898.9	917.3	959.0	1000.8	1030.3	1059.8	1084.1	1108.5
957.1	65°	898.7	840.2	847.3	854.4	899.1	943.8	972.1	1000.3	1021.7	1043.1
897.9	67.5°	849.2	800.6	798.4	796.2	837.4	878.8	905.6	932.3	950.8	969.3
822.7	70°	788.1	753.5	745.8	738.1	774.4	810.7	833.8	856.9	873.6	890.3
739.0	72.5°	715.3	691.5	680.2	669.0	697.6	726.1	747.0	767.9	784.3	800.6
643.9	75°	625.7	607.4	596.6	585.7	607.0	628.2	647.1	666.0	680.9	695.8
548.7	77.5°	534.1	519.5	508.5	497.6	514.8	532.1	548.3	564.6	580.2	595.8
440.2	80°	428.0	415.6	406.5	397.2	411.6	425.9	439.6	453.3	465.2	477.0
323.8	82.5°	317.8	311.8	305.3	298.8	297.6	296.4	291.6	286.8	312.1	337.5
213.2	85°	206.7	200.3	193.0	185.8	179.6	173.4	160.1	146.8	170.5	194.3
94.2	87.5°	91.6	89.0	87.7	86.3	86.0	85.8	75.7	65.5	75.4	85.4
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°
2230.9	0°	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9
2065.3	2.5°	2057.2	2050.8	2044.5	2038.7	2032.8	2025.5	2032.8	2038.7	2044.5	2050.8
1943.2	5°	1932.0	1924.0	1916.1	1910.0	1903.9	1897.9	1903.9	1910.0	1916.1	1924.0
1870.0	7.5°	1856.7	1847.5	1838.4	1832.9	1827.6	1823.4	1827.6	1832.9	1838.4	1847.5
1849.0	10°	1833.9	1825.2	1816.6	1812.0	1807.4	1805.5	1807.4	1812.0	1816.6	1825.2
1886.8	12.5°	1867.5	1857.9	1848.3	1844.3	1840.4	1839.7	1840.4	1844.3	1848.3	1857.9
1966.4	15°	1937.1	1923.7	1910.3	1905.2	1900.1	1899.6	1900.1	1905.2	1910.3	1923.7
2047.2	17.5°	2004.1	1984.2	1964.3	1957.8	1951.2	1950.1	1951.2	1957.8	1964.3	1984.2
2097.6	20°	2044.7	2019.3	1993.8	1985.7	1977.5	1975.0	1977.5	1985.7	1993.8	2019.3
2100.7	22.5°	2046.2	2019.4	1992.5	1983.5	1974.5	1970.7	1974.5	1983.5	1992.5	2019.4
2053.0	25°	2004.8	1981.5	1958.3	1949.8	1941.4	1936.4	1941.4	1949.8	1958.3	1981.5
1961.2	27.5°	1923.6	1908.0	1892.4	1888.5	1884.7	1883.4	1884.7	1888.5	1892.4	1908.0
1850.7	30°	1823.6	1815.7	1807.6	1807.6	1807.6	1808.9	1807.6	1807.6	1807.6	1815.7
1744.8	32.5°	1723.3	1718.1	1712.8	1713.5	1714.3	1715.6	1714.3	1713.5	1712.8	1718.1
1654.5	35°	1634.7	1626.7	1618.8	1617.1	1615.4	1614.6	1615.4	1617.1	1618.8	1626.7
1577.7	37.5°	1559.3	1544.9	1530.5	1522.9	1515.3	1511.0	1515.3	1522.9	1530.5	1544.9
1505.8	40°	1490.3	1469.2	1448.3	1434.1	1420.1	1411.7	1420.1	1434.1	1448.3	1469.2
1433.2	42.5°	1420.2	1394.1	1368.0	1347.4	1326.7	1313.2	1326.7	1347.4	1368.0	1394.1
1363.0	45°	1351.3	1321.4	1291.7	1267.4	1243.2	1227.6	1243.2	1267.4	1291.7	1321.4
1305.0	47.5°	1296.8	1270.2	1243.7	1221.3	1198.9	1184.0	1198.9	1221.3	1243.7	1270.2
1264.6	50°	1264.3	1243.0	1221.8	1201.1	1180.4	1166.0	1180.4	1201.1	1221.8	1243.0
1237.9	52.5°	1242.3	1225.0	1207.8	1189.2	1170.7	1157.4	1170.7	1189.2	1207.8	1225.0
1215.6	55°	1221.8	1206.7	1191.7	1175.4	1159.1	1147.1	1159.1	1175.4	1191.7	1206.7
1193.8	57.5°	1200.1	1184.8	1169.6	1153.5	1137.3	1124.9	1137.3	1153.5	1169.6	1184.8
1163.0	60°	1169.8	1154.9	1140.1	1123.5	1106.9	1094.1	1106.9	1123.5	1140.1	1154.9
1115.0	62.5°	1121.6	1108.2	1094.8	1077.3	1059.8	1044.4	1059.8	1077.3	1094.8	1108.2
1049.9	65°	1056.6	1043.6	1030.7	1013.8	996.9	983.6	996.9	1013.8	1030.7	1043.6
975.8	67.5°	982.3	970.5	958.6	942.9	927.1	915.1	927.1	942.9	958.6	970.5
896.7	70°	903.0	893.3	883.6	868.6	853.5	839.8	853.5	868.6	883.6	893.3
808.1	72.5°	815.7	807.6	799.6	785.2	770.9	757.6	770.9	785.2	799.6	807.6
703.7	75°	711.6	707.6	703.7	691.6	679.6	666.9	679.6	691.6	703.7	707.6
603.2	77.5°	610.6	605.1	599.4	587.3	575.1	565.0	575.1	587.3	599.4	605.1
486.8	80°	496.5	494.1	491.8	475.5	459.0	440.0	459.0	475.5	491.8	494.1
354.1	82.5°	370.7	369.7	368.5	354.8	340.9	328.7	340.9	354.8	368.5	369.7
214.9	85°	235.4	233.7	232.0	221.2	210.4	199.5	210.4	221.2	232.0	233.7
93.7	87.5°	102.0	100.0	97.8	92.3	86.6	81.3	86.6	92.3	97.8	100.0
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°
2230.9	0°	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9
2057.2	2.5°	2065.3	2073.4	2083.5	2093.5	2106.5	2119.5	2132.4	2145.3	2160.1	2174.9
1932.0	5°	1943.2	1954.4	1970.5	1986.5	2007.4	2028.2	2051.2	2074.1	2100.0	2126.1
1856.7	7.5°	1870.0	1883.4	1902.4	1921.5	1946.9	1972.4	2001.3	2030.2	2064.4	2098.7
1833.9	10°	1849.0	1863.9	1886.7	1909.5	1938.2	1966.8	1998.0	2029.1	2063.3	2097.6
1867.5	12.5°	1886.8	1906.1	1935.2	1964.3	1993.9	2023.6	2047.9	2072.4	2095.0	2117.8
1937.1	15°	1966.4	1995.7	2037.1	2078.6	2104.3	2130.1	2136.4	2142.8	2139.7	2136.6
2004.1	17.5°	2047.2	2090.4	2145.2	2200.1	2220.8	2241.6	2221.9	2202.0	2164.7	2127.4
2044.7	20°	2097.6	2150.5	2213.1	2275.9	2285.6	2295.1	2253.6	2212.1	2147.2	2082.4
2046.2	22.5°	2100.7	2155.2	2215.1	2275.0	2269.3	2263.5	2209.5	2155.4	2081.3	2007.3
2004.8	25°	2053.0	2101.5	2150.6	2199.7	2179.9	2160.1	2106.9	2053.7	1987.1	1920.6
1923.6	27.5°	1961.2	1998.8	2033.7	2068.7	2046.5	2024.5	1981.8	1939.2	1884.6	1829.9
1823.6	30°	1850.7	1877.6	1904.3	1930.9	1912.9	1894.9	1859.5	1824.1	1778.8	1733.4
1723.3	32.5°	1744.8	1766.3	1790.8	1815.3	1795.3	1775.3	1741.3	1707.4	1671.2	1634.9
1634.7	35°	1654.5	1674.3	1691.7	1709.2	1685.2	1661.2	1627.6	1594.0	1566.5	1538.8
1559.3	37.5°	1577.7	1595.9	1603.9	1612.0	1582.4	1552.8	1519.2	1485.7	1465.9	1446.1
1490.3	40°	1505.8	1521.3	1519.4	1517.4	1483.2	1449.2	1416.8	1384.4	1370.2	1355.9
1420.2	42.5°	1433.2	1446.3	1436.5	1426.7	1389.8	1353.0	1322.3	1291.7	1279.9	1268.3
1351.3	45°	1363.0	1374.9	1360.7	1346.6	1308.4	1270.2	1241.1	1212.0	1202.1	1192.3
1296.8	47.5°	1305.0	1313.2	1297.0	1280.7	1243.0	1205.4	1176.9	1148.4	1139.3	1130.0
1264.3	50°	1264.6	1265.1	1244.2	1223.3	1189.6	1155.9	1129.1	1102.2	1087.7	1073.4
1242.3	52.5°	1237.9	1233.4	1208.7	1184.0	1152.5	1121.0	1096.5	1071.8	1050.2	1028.6
1221.8	55°	1215.6	1209.5	1183.2	1157.0	1129.5	1101.9	1075.4	1048.9	1018.2	987.5
1200.1	57.5°	1193.8	1187.6	1161.2	1134.7	1107.4	1080.2	1049.0	1017.9	984.8	951.8
1169.8	60°	1163.0	1156.1	1129.6	1103.1	1075.3	1047.7	1011.9	976.1	947.2	918.1
1121.6	62.5°	1115.0	1108.5	1084.1	1059.8	1030.3	1000.8	959.0	917.3	898.9	880.5
1056.6	65°	1049.9	1043.1	1021.7	1000.3	972.1	943.8	899.1	854.4	847.3	840.2
982.3	67.5°	975.8	969.3	950.8	932.3	905.6	878.8	837.4	796.2	798.4	800.6
903.0	70°	896.7	890.3	873.6	856.9	833.8	810.7	774.4	738.1	745.8	753.5
815.7	72.5°	808.1	800.6	784.3	767.9	747.0	726.1	697.6	669.0	680.2	691.5
711.6	75°	703.7	695.8	680.9	666.0	647.1	628.2	607.0	585.7	596.6	607.4
610.6	77.5°	603.2	595.8	580.2	564.6	548.3	532.1	514.8	497.6	508.5	519.5
496.5	80°	486.8	477.0	465.2	453.3	439.6	425.9	411.6	397.2	406.5	415.6
370.7	82.5°	354.1	337.5	312.1	286.8	291.6	296.4	297.6	298.8	305.3	311.8
235.4	85°	214.9	194.3	170.5	146.8	160.1	173.4	179.6	185.8	193.0	200.3
102.0	87.5°	93.7	85.4	75.4	65.5	75.7	85.8	86.0	86.3	87.7	89.0
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
2230.9	0°	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9
2191.2	2.5°	2207.7	2227.9	2246.2	2265.0	2283.8	2303.5	2323.2	2342.7	2362.3	2380.8
2157.1	5°	2188.1	2223.7	2259.6	2297.7	2335.8	2376.6	2417.4	2457.9	2498.5	2539.1
2139.9	7.5°	2181.1	2227.1	2276.1	2329.3	2382.5	2442.8	2503.2	2565.2	2627.1	2694.2
2141.1	10°	2184.5	2233.9	2294.5	2357.5	2420.3	2493.7	2567.0	2648.8	2730.7	2815.6
2153.2	12.5°	2188.8	2234.8	2298.4	2369.5	2440.7	2527.1	2613.6	2706.4	2799.2	2892.3
2153.6	15°	2170.6	2207.4	2277.9	2360.2	2442.6	2542.1	2641.7	2742.4	2843.0	2940.2
2121.2	17.5°	2114.9	2137.6	2220.5	2319.5	2418.6	2534.2	2649.7	2759.6	2869.4	2967.9
2053.3	20°	2024.2	2030.2	2126.7	2249.4	2372.2	2512.2	2652.3	2773.0	2893.7	2996.2
1964.3	22.5°	1921.2	1909.5	2019.3	2167.2	2315.0	2485.4	2655.7	2791.2	2926.5	3031.2
1871.0	25°	1821.3	1789.6	1902.2	2075.3	2248.5	2458.8	2669.3	2824.0	2978.7	3081.2
1781.9	27.5°	1734.0	1695.5	1797.9	1991.3	2184.7	2441.1	2697.5	2875.4	3053.2	3151.1
1695.2	30°	1657.2	1627.0	1713.0	1921.1	2129.2	2432.8	2736.2	2941.9	3147.6	3242.1
1612.4	32.5°	1589.9	1576.5	1645.8	1860.6	2075.3	2422.5	2769.6	3011.3	3253.1	3346.6
1532.6	35°	1526.4	1532.0	1589.7	1801.1	2012.5	2403.2	2794.1	3090.4	3386.8	3476.4
1452.9	37.5°	1459.8	1480.2	1530.7	1731.1	1931.5	2370.1	2808.6	3179.0	3549.5	3663.7
1371.4	40°	1386.8	1418.1	1463.9	1647.5	1831.2	2324.4	2817.8	3291.5	3765.2	3931.6
1288.8	42.5°	1309.4	1348.8	1391.0	1555.3	1719.7	2277.3	2835.2	3438.7	4042.2	4282.4
1212.3	45°	1232.3	1270.4	1313.2	1457.4	1601.6	2233.6	2865.7	3632.3	4399.0	4723.0
1146.8	47.5°	1163.6	1196.4	1251.6	1379.9	1508.2	2197.5	2886.7	3838.7	4790.6	5246.7
1088.2	50°	1103.1	1141.2	1213.7	1328.5	1443.2	2158.1	2873.0	4030.1	5187.1	5874.8
1043.2	52.5°	1057.9	1111.2	1194.7	1294.6	1394.6	2091.6	2788.7	4154.4	5520.0	6534.4
1010.7	55°	1034.0	1114.2	1191.8	1270.0	1348.2	1981.3	2614.5	4127.0	5639.4	7119.3
985.7	57.5°	1019.6	1117.2	1185.7	1240.9	1296.1	1825.8	2355.5	3934.2	5513.0	7533.8
962.1	60°	1006.1	1107.8	1153.0	1196.4	1239.8	1624.0	2008.2	3575.4	5142.6	7637.4
935.4	62.5°	990.3	1084.7	1090.2	1119.0	1147.8	1382.4	1617.0	3090.3	4563.6	7201.2
898.7	65°	957.1	1029.0	1028.3	1041.9	1055.5	1165.0	1274.5	2595.3	3916.1	6584.1
849.2	67.5°	897.9	938.3	940.1	932.6	925.0	956.2	987.2	2110.4	3233.6	5849.7
788.1	70°	822.7	836.0	836.0	800.8	765.5	756.7	747.8	1661.6	2575.5	5048.3
715.3	72.5°	739.0	738.8	730.4	680.5	630.5	603.6	576.8	1270.3	1963.8	4179.5
625.7	75°	643.9	647.2	608.5	552.5	496.5	472.2	447.9	922.0	1396.1	3183.7
534.1	77.5°	548.7	550.5	486.7	432.3	378.0	361.4	344.8	624.8	904.7	2228.3
428.0	80°	440.2	440.5	364.3	318.3	272.2	265.4	258.5	402.5	546.6	1435.6
317.8	82.5°	323.8	320.2	255.1	221.2	187.3	185.9	184.7	247.6	310.6	830.9
206.7	85°	213.2	208.5	160.1	135.3	110.4	111.1	111.7	132.3	153.1	373.8
91.6	87.5°	94.2	88.2	68.1	57.9	47.8	48.4	49.0	54.9	60.8	122.4
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
2230.9	0°	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9
2399.2	2.5°	2408.2	2417.4	2430.3	2443.2	2451.0	2458.7	2462.5	2466.4	2464.6	2466.4
2579.8	5°	2611.6	2643.4	2674.9	2706.5	2723.6	2740.7	2751.1	2761.5	2769.4	2761.5
2761.3	7.5°	2813.0	2864.6	2911.1	2957.6	2985.6	3013.6	3028.7	3043.8	3051.1	3043.8
2900.4	10°	2961.5	3022.6	3077.2	3131.7	3164.7	3197.6	3212.3	3227.0	3232.6	3227.0
2985.6	12.5°	3051.8	3118.0	3167.3	3216.5	3240.4	3264.4	3272.4	3280.5	3281.3	3280.5
3037.4	15°	3094.6	3151.7	3182.6	3213.5	3214.4	3215.3	3206.7	3198.1	3188.0	3198.1
3066.5	17.5°	3105.1	3143.7	3144.3	3144.8	3110.1	3075.5	3043.7	3011.9	2989.4	3011.9
3098.6	20°	3112.0	3125.5	3084.9	3044.2	2967.7	2891.1	2835.4	2779.7	2745.4	2779.7
3135.8	22.5°	3118.2	3100.5	3016.3	2932.1	2819.5	2706.9	2637.2	2567.5	2529.7	2567.5
3183.8	25°	3128.1	3072.5	2944.6	2816.7	2680.0	2543.2	2470.0	2396.8	2361.1	2396.8
3248.8	27.5°	3149.3	3049.8	2880.4	2711.0	2559.5	2408.0	2335.9	2263.9	2230.1	2263.9
3336.6	30°	3188.2	3039.9	2831.4	2622.9	2465.0	2307.1	2240.3	2173.4	2141.9	2173.4
3440.2	32.5°	3237.0	3033.9	2798.0	2562.1	2413.7	2265.4	2212.9	2160.3	2137.6	2160.3
3566.0	35°	3317.4	3068.9	2823.0	2577.2	2474.2	2371.2	2358.9	2346.7	2344.8	2346.7
3777.9	37.5°	3485.4	3193.0	2969.6	2746.1	2739.5	2732.8	2788.8	2844.7	2873.9	2844.7
4098.0	40°	3780.0	3462.0	3295.8	3129.7	3246.9	3364.2	3500.3	3636.4	3704.3	3636.4
4522.7	42.5°	4207.1	3891.6	3795.9	3700.1	3955.9	4211.7	4459.3	4706.9	4852.3	4706.9
5047.0	45°	4763.6	4480.0	4437.8	4395.5	4805.3	5215.2	5622.0	6028.9	6275.9	6028.9
5702.8	47.5°	5427.0	5151.2	5142.6	5134.1	5725.3	6316.3	6911.9	7507.4	7857.1	7507.4
6562.3	50°	6221.6	5881.1	5882.5	5884.0	6645.9	7407.8	8194.0	8980.1	9455.4	8980.1
7548.9	52.5°	7136.4	6724.1	6682.4	6640.6	7550.7	8460.8	9433.5	10406.1	10975.8	10406.1
8599.3	55°	8191.8	7784.3	7621.7	7459.2	8472.1	9484.9	10644.5	11804.0	12481.6	11804.0
9554.7	57.5°	9332.8	9110.8	8784.7	8458.7	9481.5	10504.3	11817.6	13131.0	13971.2	13131.0
10132.1	60°	10476.8	10821.5	10416.6	10011.7	10979.5	11947.4	13353.6	14759.8	15667.9	14759.8
9838.9	62.5°	10780.7	11722.4	11676.8	11631.1	12517.7	13404.5	14742.4	16080.1	16919.5	16080.1
9252.1	65°	10136.0	11019.9	11194.8	11369.6	12496.3	13623.2	14920.5	16217.7	16932.4	16217.7
8465.8	67.5°	9306.4	10147.1	10229.1	10311.0	11485.1	12659.0	13961.9	15264.7	15824.6	15264.7
7521.1	70°	8435.5	9349.9	9386.6	9423.3	10473.2	11523.0	12644.2	13765.3	14076.5	13765.3
6395.3	72.5°	7444.6	8494.0	8520.4	8546.7	9368.1	10189.5	11029.2	11868.8	11900.3	11868.8
4971.2	75°	6057.3	7143.3	7240.8	7338.3	7977.4	8616.4	9207.5	9798.7	9640.3	9798.7
3551.9	77.5°	4565.6	5579.5	5719.0	5858.6	6344.4	6830.2	7249.4	7668.7	7396.5	7668.7
2324.7	80°	3177.6	4030.4	4203.9	4377.3	4744.2	5111.0	5331.1	5551.2	5113.4	5551.2
1351.3	82.5°	1934.4	2517.6	2711.3	2905.1	3157.6	3410.2	3502.0	3593.8	3249.7	3593.8
594.5	85°	904.0	1213.5	1378.3	1543.1	1750.6	1958.0	2010.2	2062.3	1786.6	2062.3
184.1	87.5°	288.1	392.1	484.0	576.0	679.7	783.5	787.9	792.3	665.2	792.3
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

325°		330°	335°	340°	345°	350°	355°	360°
2230.9	0°	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9
2462.5	2.5°	2458.7	2451.0	2443.2	2430.3	2417.4	2408.2	2399.2
2751.1	5°	2740.7	2723.6	2706.5	2674.9	2643.4	2611.6	2579.8
3028.7	7.5°	3013.6	2985.6	2957.6	2911.1	2864.6	2813.0	2761.3
3212.3	10°	3197.6	3164.7	3131.7	3077.2	3022.6	2961.5	2900.4
3272.4	12.5°	3264.4	3240.4	3216.5	3167.3	3118.0	3051.8	2985.6
3206.7	15°	3215.3	3214.4	3213.5	3182.6	3151.7	3094.6	3037.4
3043.7	17.5°	3075.5	3110.1	3144.8	3144.3	3143.7	3105.1	3066.5
2835.4	20°	2891.1	2967.7	3044.2	3084.9	3125.5	3112.0	3098.6
2637.2	22.5°	2706.9	2819.5	2932.1	3016.3	3100.5	3118.2	3135.8
2470.0	25°	2543.2	2680.0	2816.7	2944.6	3072.5	3128.1	3183.8
2335.9	27.5°	2408.0	2559.5	2711.0	2880.4	3049.8	3149.3	3248.8
2240.3	30°	2307.1	2465.0	2622.9	2831.4	3039.9	3188.2	3336.6
2212.9	32.5°	2265.4	2413.7	2562.1	2798.0	3033.9	3237.0	3440.2
2358.9	35°	2371.2	2474.2	2577.2	2823.0	3068.9	3317.4	3566.0
2788.8	37.5°	2732.8	2739.5	2746.1	2969.6	3193.0	3485.4	3777.9
3500.3	40°	3364.2	3246.9	3129.7	3295.8	3462.0	3780.0	4098.0
4459.3	42.5°	4211.7	3955.9	3700.1	3795.9	3891.6	4207.1	4522.7
5622.0	45°	5215.2	4805.3	4395.5	4437.8	4480.0	4763.6	5047.0
6911.9	47.5°	6316.3	5725.3	5134.1	5142.6	5151.2	5427.0	5702.8
8194.0	50°	7407.8	6645.9	5884.0	5882.5	5881.1	6221.6	6562.3
9433.5	52.5°	8460.8	7550.7	6640.6	6682.4	6724.1	7136.4	7548.9
10644.5	55°	9484.9	8472.1	7459.2	7621.7	7784.3	8191.8	8599.3
11817.6	57.5°	10504.3	9481.5	8458.7	8784.7	9110.8	9332.8	9554.7
13353.6	60°	11947.4	10979.5	10011.7	10416.6	10821.5	10476.8	10132.1
14742.4	62.5°	13404.5	12517.7	11631.1	11676.8	11722.4	10780.7	9838.9
14920.5	65°	13623.2	12496.3	11369.6	11194.8	11019.9	10136.0	9252.1
13961.9	67.5°	12659.0	11485.1	10311.0	10229.1	10147.1	9306.4	8465.8
12644.2	70°	11523.0	10473.2	9423.3	9386.6	9349.9	8435.5	7521.1
11029.2	72.5°	10189.5	9368.1	8546.7	8520.4	8494.0	7444.6	6395.3
9207.5	75°	8616.4	7977.4	7338.3	7240.8	7143.3	6057.3	4971.2
7249.4	77.5°	6830.2	6344.4	5858.6	5719.0	5579.5	4565.6	3551.9
5331.1	80°	5111.0	4744.2	4377.3	4203.9	4030.4	3177.6	2324.7
3502.0	82.5°	3410.2	3157.6	2905.1	2711.3	2517.6	1934.4	1351.3
2010.2	85°	1958.0	1750.6	1543.1	1378.3	1213.5	904.0	594.5
787.9	87.5°	783.5	679.7	576.0	484.0	392.1	288.1	184.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)