

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: P948664

Luminaire Tested: **GALN-SB3C-927-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P948664
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-927-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 90 CRI, 2700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13628 lumens
Efficiency: N/A
Efficacy: 91.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

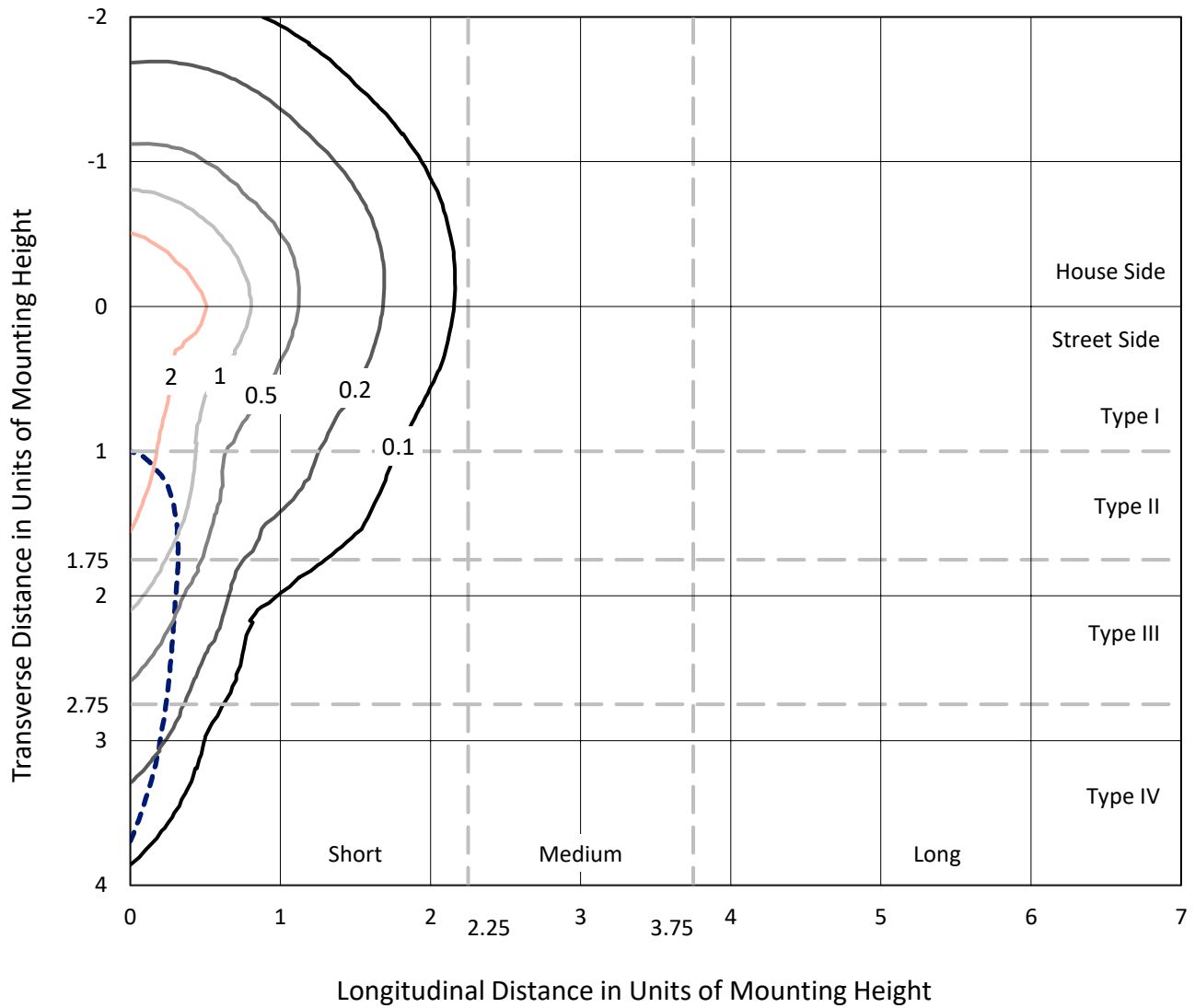
Input Watts (W): 149.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

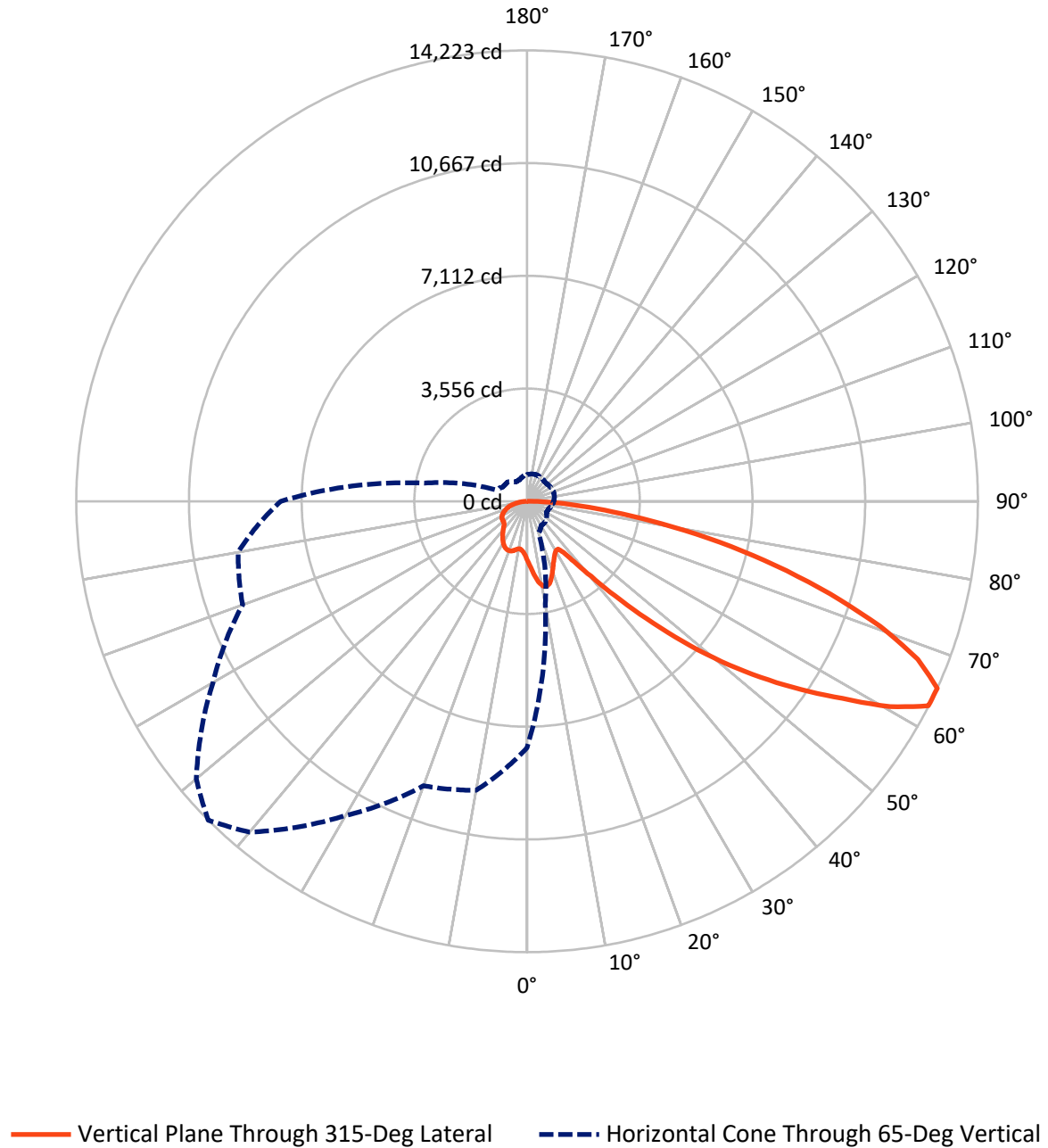
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.7 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	3463.6	0.0	3463.6
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	10164.4	0.0	10164.4
	% Fixture	74.6	0.0	74.6
Total	Lumens	13628.0	0.0	13628.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	185.9	1.4
10°-20°	583.6	4.3
20°-30°	901.4	6.6
30°-40°	1142.3	8.4
40°-50°	1722.9	12.6
50°-60°	2783.6	20.4
60°-70°	3470.2	25.5
70°-80°	2275.6	16.7
80°-90°	562.6	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°	13628.0	100.0
0°-180°	13628.0	100.0



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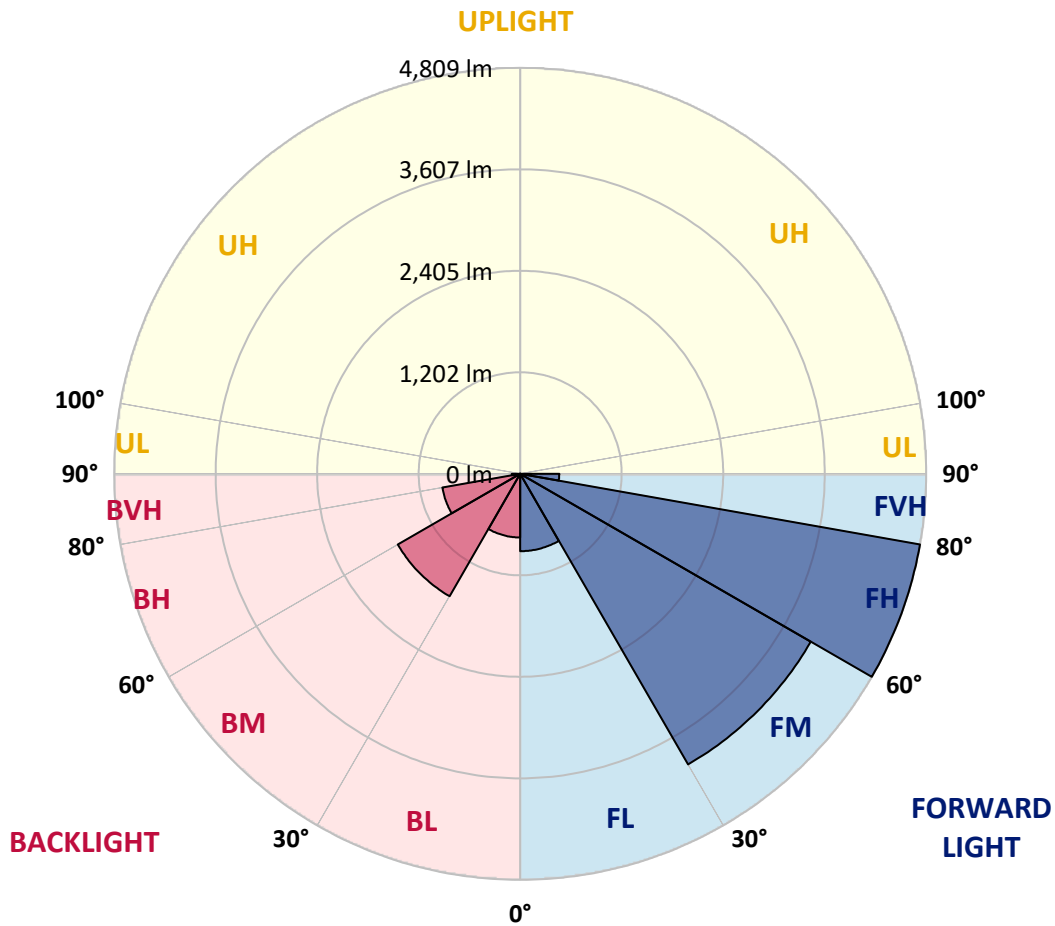
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	916.6	6.7			
FM (30°-60°)	3975.0	29.2			
FH (60°-80°)	4809.4	35.3			G2/5000
FVH (80°-90°)	463.4	3.4			G3/500
BL (0°-30°)	754.2	5.5	B2/1000		
BM (30°-60°)	1673.8	12.3	B2/2500		
BH (60°-80°)	936.4	6.9	B2/1000		G2/1000
BVH (80°-90°)	99.1	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°	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0
2.5°	2015.3	1999.8	1984.3	1967.9	1951.5	1934.9	1918.4	1902.6	1886.8	1871.5
5°	2167.0	2132.8	2098.7	2064.6	2030.6	1996.3	1962.1	1930.1	1898.1	1867.9
7.5°	2319.4	2263.1	2206.8	2154.7	2102.6	2051.9	2001.2	1956.6	1911.9	1870.7
10°	2436.3	2365.0	2293.8	2225.0	2156.2	2094.7	2033.0	1980.2	1927.3	1876.5
12.5°	2507.9	2429.5	2351.3	2273.4	2195.4	2122.8	2050.1	1990.4	1930.6	1877.2
15°	2551.4	2469.7	2388.1	2303.6	2219.0	2135.4	2051.7	1982.6	1913.4	1854.2
17.5°	2575.8	2493.0	2410.3	2318.0	2225.7	2128.7	2031.6	1948.4	1865.2	1795.6
20°	2602.8	2516.8	2430.7	2329.3	2227.9	2110.3	1992.6	1889.5	1786.4	1705.3
22.5°	2634.1	2546.2	2458.2	2344.5	2230.8	2087.7	1944.6	1820.4	1696.2	1603.9
25°	2674.3	2588.2	2502.1	2372.2	2242.1	2065.4	1888.7	1743.2	1597.8	1503.3
27.5°	2729.0	2646.9	2564.7	2415.3	2265.9	2050.5	1835.1	1672.7	1510.2	1424.2
30°	2802.7	2723.3	2644.0	2471.2	2298.4	2043.5	1788.5	1613.7	1438.9	1366.6
32.5°	2889.7	2811.1	2732.6	2529.5	2326.4	2034.9	1743.2	1562.9	1382.5	1324.2
35°	2995.4	2920.2	2844.9	2595.9	2347.0	2018.6	1690.5	1512.9	1335.4	1286.8
37.5°	3173.4	3077.4	2981.5	2670.4	2359.2	1990.8	1622.4	1454.1	1285.7	1243.3
40°	3442.3	3302.5	3162.7	2764.9	2366.9	1952.5	1538.1	1383.9	1229.7	1191.2
42.5°	3799.0	3597.2	3395.4	2888.5	2381.5	1912.9	1444.5	1306.5	1168.4	1132.9
45°	4239.4	3967.3	3695.1	3051.1	2407.2	1876.2	1345.3	1224.2	1103.1	1067.1
47.5°	4790.3	4407.2	4024.1	3224.4	2424.8	1845.9	1266.9	1159.1	1051.3	1004.9
50°	5512.2	4934.7	4357.2	3385.2	2413.3	1812.8	1212.3	1115.9	1019.5	958.6
52.5°	6341.0	5488.9	4636.7	3489.6	2342.5	1756.9	1171.4	1087.4	1003.5	933.4
55°	7223.3	5980.2	4737.1	3466.6	2196.1	1664.3	1132.4	1066.8	1001.1	935.9
57.5°	8025.8	6328.3	4630.8	3304.7	1978.6	1533.7	1088.7	1042.3	995.9	938.4
60°	8510.9	6415.4	4319.8	3003.3	1686.9	1364.1	1041.4	1004.9	968.5	930.5
62.5°	8264.6	6049.0	3833.4	2595.8	1358.2	1161.2	964.2	939.9	915.8	911.1
65°	7771.6	5530.6	3289.5	2180.0	1070.6	978.6	886.6	875.2	863.8	864.4
67.5°	7111.2	4913.7	2716.2	1772.7	829.3	803.2	777.0	783.4	789.7	788.1
70°	6317.6	4240.5	2163.4	1395.8	628.1	635.6	643.0	672.6	702.2	702.2
72.5°	5372.0	3510.8	1649.6	1067.1	484.5	507.0	529.6	571.6	613.5	620.6
75°	4175.8	2674.3	1172.7	774.5	376.2	396.7	417.1	464.1	511.1	543.6
77.5°	2983.5	1871.7	759.9	524.8	289.7	303.5	317.5	363.1	408.8	462.4
80°	1952.7	1205.9	459.1	338.1	217.2	222.9	228.7	267.4	306.0	370.0
82.5°	1135.1	698.0	260.9	208.0	155.2	156.2	157.3	185.8	214.3	268.9
85°	499.4	314.0	128.6	111.2	93.8	93.3	92.8	113.6	134.5	175.1
87.5°	154.6	102.8	51.1	46.1	41.1	40.6	40.1	48.6	57.2	74.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
1874.0	0°	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0
1854.4	2.5°	1840.6	1826.9	1814.4	1802.1	1791.2	1780.3	1769.4	1758.6	1750.1	1741.7
1838.0	5°	1812.0	1785.9	1764.0	1742.2	1723.0	1703.7	1686.2	1668.7	1655.2	1641.7
1832.1	7.5°	1797.5	1762.9	1734.1	1705.3	1681.1	1656.8	1635.4	1614.0	1598.0	1582.0
1835.0	10°	1798.5	1761.9	1733.2	1704.4	1678.3	1652.1	1628.0	1603.9	1584.8	1565.6
1838.6	12.5°	1808.7	1778.9	1759.8	1740.8	1720.2	1699.8	1674.8	1650.0	1625.5	1601.1
1823.3	15°	1809.0	1794.7	1797.3	1799.9	1794.6	1789.3	1767.6	1746.0	1711.2	1676.4
1776.5	17.5°	1781.8	1787.0	1818.3	1849.7	1866.3	1883.0	1865.5	1848.1	1802.0	1755.9
1700.3	20°	1724.8	1749.2	1803.6	1858.1	1893.0	1927.9	1919.8	1911.7	1859.0	1806.4
1613.8	22.5°	1650.0	1686.1	1748.3	1810.5	1855.9	1901.3	1906.2	1911.0	1860.7	1810.3
1529.9	25°	1571.6	1613.3	1669.2	1725.1	1769.8	1814.4	1831.1	1847.7	1806.4	1765.2
1456.5	27.5°	1496.8	1537.1	1583.0	1628.9	1664.7	1700.5	1719.1	1737.7	1708.3	1678.9
1392.0	30°	1424.0	1456.0	1494.1	1532.3	1562.0	1591.7	1606.8	1621.9	1599.6	1577.1
1335.5	32.5°	1354.4	1373.3	1403.7	1434.2	1462.7	1491.3	1508.0	1524.8	1504.3	1483.6
1282.2	35°	1287.3	1292.6	1315.8	1339.0	1367.1	1395.4	1415.5	1435.7	1421.0	1406.4
1226.2	37.5°	1220.5	1214.7	1231.4	1248.0	1276.1	1304.3	1329.2	1354.1	1347.3	1340.5
1164.9	40°	1151.9	1138.9	1150.9	1162.9	1190.1	1217.3	1245.9	1274.6	1276.3	1277.8
1099.9	42.5°	1082.6	1065.3	1075.1	1085.0	1110.7	1136.5	1167.5	1198.4	1206.6	1214.9
1035.1	45°	1018.3	1001.6	1009.8	1018.1	1042.5	1067.0	1099.1	1131.1	1143.0	1154.9
977.4	47.5°	963.3	949.2	957.0	964.7	988.6	1012.5	1044.1	1075.8	1089.4	1103.1
926.6	50°	914.0	901.6	913.7	925.8	948.4	970.9	999.3	1027.6	1045.1	1062.7
888.7	52.5°	876.3	864.0	882.2	900.3	921.0	941.7	968.0	994.5	1015.3	1036.1
868.5	55°	849.0	829.5	855.3	881.0	903.3	925.6	948.8	971.9	993.9	1015.9
856.4	57.5°	828.0	799.5	827.2	855.0	881.2	907.4	930.2	953.2	975.4	997.5
845.1	60°	808.2	771.2	795.6	819.9	850.0	880.0	903.3	926.6	948.8	971.1
831.9	62.5°	785.7	739.6	755.1	770.5	805.5	840.6	865.4	890.2	910.7	931.1
804.0	65°	754.9	705.8	711.8	717.7	755.2	792.8	816.5	840.3	858.2	876.2
754.2	67.5°	713.3	672.5	670.6	668.8	703.4	738.2	760.7	783.1	798.6	814.2
691.1	70°	662.0	632.9	626.5	620.0	650.5	681.0	700.4	719.8	733.8	747.9
620.7	72.5°	600.8	580.9	571.4	562.0	586.0	609.9	627.5	645.0	658.8	672.5
540.9	75°	525.6	510.2	501.1	492.0	509.8	527.7	543.6	559.5	572.0	584.5
460.9	77.5°	448.6	436.3	427.1	417.9	432.5	446.9	460.6	474.2	487.4	500.5
369.8	80°	359.5	349.1	341.4	333.7	345.7	357.8	369.3	380.8	390.8	400.7
272.0	82.5°	266.9	261.9	256.4	251.0	250.0	249.0	244.9	240.9	262.2	283.5
179.1	85°	173.7	168.3	162.2	156.0	150.9	145.6	134.5	123.3	143.2	163.2
79.1	87.5°	76.9	74.8	73.6	72.5	72.3	72.1	63.6	55.0	63.4	71.8
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
1874.0	0°	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0
1734.8	2.5°	1728.0	1722.7	1717.3	1712.5	1707.5	1701.4	1707.5	1712.5	1717.3	1722.7
1632.3	5°	1622.9	1616.2	1609.5	1604.4	1599.3	1594.2	1599.3	1604.4	1609.5	1616.2
1570.8	7.5°	1559.6	1551.9	1544.3	1539.7	1535.1	1531.7	1535.1	1539.7	1544.3	1551.9
1553.1	10°	1540.5	1533.2	1525.9	1522.0	1518.2	1516.6	1518.2	1522.0	1525.9	1533.2
1584.9	12.5°	1568.7	1560.6	1552.5	1549.2	1545.9	1545.3	1545.9	1549.2	1552.5	1560.6
1651.8	15°	1627.2	1615.9	1604.7	1600.4	1596.0	1595.7	1596.0	1600.4	1604.7	1615.9
1719.6	17.5°	1683.4	1666.7	1650.0	1644.5	1639.0	1638.1	1639.0	1644.5	1650.0	1666.7
1761.9	20°	1717.6	1696.2	1674.8	1667.9	1661.1	1659.0	1661.1	1667.9	1674.8	1696.2
1764.6	22.5°	1718.8	1696.3	1673.7	1666.1	1658.6	1655.4	1658.6	1666.1	1673.7	1696.3
1724.5	25°	1684.0	1664.4	1644.9	1637.8	1630.8	1626.6	1630.8	1637.8	1644.9	1664.4
1647.4	27.5°	1615.8	1602.7	1589.6	1586.3	1583.1	1582.0	1583.1	1586.3	1589.6	1602.7
1554.5	30°	1531.8	1525.1	1518.4	1518.4	1518.4	1519.5	1518.4	1518.4	1518.4	1525.1
1465.6	32.5°	1447.5	1443.2	1438.8	1439.3	1440.0	1441.1	1440.0	1439.3	1438.8	1443.2
1389.7	35°	1373.1	1366.4	1359.8	1358.4	1356.9	1356.2	1356.9	1358.4	1359.8	1366.4
1325.2	37.5°	1309.8	1297.7	1285.6	1279.2	1272.8	1269.2	1272.8	1279.2	1285.6	1297.7
1264.8	40°	1251.8	1234.1	1216.6	1204.6	1192.8	1185.8	1192.8	1204.6	1216.6	1234.1
1203.9	42.5°	1193.0	1171.0	1149.1	1131.8	1114.5	1103.1	1114.5	1131.8	1149.1	1171.0
1144.9	45°	1135.1	1110.0	1085.0	1064.6	1044.3	1031.2	1044.3	1064.6	1085.0	1110.0
1096.2	47.5°	1089.3	1067.0	1044.7	1025.9	1007.1	994.5	1007.1	1025.9	1044.7	1067.0
1062.3	50°	1062.0	1044.1	1026.3	1008.9	991.5	979.4	991.5	1008.9	1026.3	1044.1
1039.8	52.5°	1043.6	1029.0	1014.5	998.9	983.4	972.2	983.4	998.9	1014.5	1029.0
1021.1	55°	1026.3	1013.6	1001.0	987.3	973.7	963.6	973.7	987.3	1001.0	1013.6
1002.8	57.5°	1008.0	995.2	982.4	968.9	955.3	944.9	955.3	968.9	982.4	995.2
976.9	60°	982.6	970.1	957.7	943.7	929.8	919.0	929.8	943.7	957.7	970.1
936.6	62.5°	942.2	930.9	919.6	904.9	890.2	877.3	890.2	904.9	919.6	930.9
881.9	65°	887.5	876.7	865.8	851.6	837.4	826.2	837.4	851.6	865.8	876.7
819.7	67.5°	825.2	815.2	805.2	792.0	778.8	768.7	778.8	792.0	805.2	815.2
753.2	70°	758.5	750.4	742.3	729.6	716.9	705.4	716.9	729.6	742.3	750.4
678.8	72.5°	685.2	678.4	671.6	659.6	647.5	636.4	647.5	659.6	671.6	678.4
591.1	75°	597.7	594.4	591.1	581.0	570.8	560.2	570.8	581.0	591.1	594.4
506.7	77.5°	512.9	508.3	503.5	493.3	483.1	474.6	483.1	493.3	503.5	508.3
408.9	80°	417.1	415.1	413.1	399.4	385.6	369.6	385.6	399.4	413.1	415.1
297.4	82.5°	311.4	310.5	309.6	298.0	286.3	276.1	286.3	298.0	309.6	310.5
180.5	85°	197.8	196.3	194.9	185.8	176.8	167.5	176.8	185.8	194.9	196.3
78.7	87.5°	85.7	84.0	82.1	77.5	72.8	68.3	72.8	77.5	82.1	84.0
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°
1874.0	0°	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0
1728.0	2.5°	1734.8	1741.7	1750.1	1758.6	1769.4	1780.3	1791.2	1802.1	1814.4	1826.9
1622.9	5°	1632.3	1641.7	1655.2	1668.7	1686.2	1703.7	1723.0	1742.2	1764.0	1785.9
1559.6	7.5°	1570.8	1582.0	1598.0	1614.0	1635.4	1656.8	1681.1	1705.3	1734.1	1762.9
1540.5	10°	1553.1	1565.6	1584.8	1603.9	1628.0	1652.1	1678.3	1704.4	1733.2	1761.9
1568.7	12.5°	1584.9	1601.1	1625.5	1650.0	1674.8	1699.8	1720.2	1740.8	1759.8	1778.9
1627.2	15°	1651.8	1676.4	1711.2	1746.0	1767.6	1789.3	1794.6	1799.9	1797.3	1794.7
1683.4	17.5°	1719.6	1755.9	1802.0	1848.1	1865.5	1883.0	1866.3	1849.7	1818.3	1787.0
1717.6	20°	1761.9	1806.4	1859.0	1911.7	1919.8	1927.9	1893.0	1858.1	1803.6	1749.2
1718.8	22.5°	1764.6	1810.3	1860.7	1911.0	1906.2	1901.3	1855.9	1810.5	1748.3	1686.1
1684.0	25°	1724.5	1765.2	1806.4	1847.7	1831.1	1814.4	1769.8	1725.1	1669.2	1613.3
1615.8	27.5°	1647.4	1678.9	1708.3	1737.7	1719.1	1700.5	1664.7	1628.9	1583.0	1537.1
1531.8	30°	1554.5	1577.1	1599.6	1621.9	1606.8	1591.7	1562.0	1532.3	1494.1	1456.0
1447.5	32.5°	1465.6	1483.6	1504.3	1524.8	1508.0	1491.3	1462.7	1434.2	1403.7	1373.3
1373.1	35°	1389.7	1406.4	1421.0	1435.7	1415.5	1395.4	1367.1	1339.0	1315.8	1292.6
1309.8	37.5°	1325.2	1340.5	1347.3	1354.1	1329.2	1304.3	1276.1	1248.0	1231.4	1214.7
1251.8	40°	1264.8	1277.8	1276.3	1274.6	1245.9	1217.3	1190.1	1162.9	1150.9	1138.9
1193.0	42.5°	1203.9	1214.9	1206.6	1198.4	1167.5	1136.5	1110.7	1085.0	1075.1	1065.3
1135.1	45°	1144.9	1154.9	1143.0	1131.1	1099.1	1067.0	1042.5	1018.1	1009.8	1001.6
1089.3	47.5°	1096.2	1103.1	1089.4	1075.8	1044.1	1012.5	988.6	964.7	957.0	949.2
1062.0	50°	1062.3	1062.7	1045.1	1027.6	999.3	970.9	948.4	925.8	913.7	901.6
1043.6	52.5°	1039.8	1036.1	1015.3	994.5	968.0	941.7	921.0	900.3	882.2	864.0
1026.3	55°	1021.1	1015.9	993.9	971.9	948.8	925.6	903.3	881.0	855.3	829.5
1008.0	57.5°	1002.8	997.5	975.4	953.2	930.2	907.4	881.2	855.0	827.2	799.5
982.6	60°	976.9	971.1	948.8	926.6	903.3	880.0	850.0	819.9	795.6	771.2
942.2	62.5°	936.6	931.1	910.7	890.2	865.4	840.6	805.5	770.5	755.1	739.6
887.5	65°	881.9	876.2	858.2	840.3	816.5	792.8	755.2	717.7	711.8	705.8
825.2	67.5°	819.7	814.2	798.6	783.1	760.7	738.2	703.4	668.8	670.6	672.5
758.5	70°	753.2	747.9	733.8	719.8	700.4	681.0	650.5	620.0	626.5	632.9
685.2	72.5°	678.8	672.5	658.8	645.0	627.5	609.9	586.0	562.0	571.4	580.9
597.7	75°	591.1	584.5	572.0	559.5	543.6	527.7	509.8	492.0	501.1	510.2
512.9	77.5°	506.7	500.5	487.4	474.2	460.6	446.9	432.5	417.9	427.1	436.3
417.1	80°	408.9	400.7	390.8	380.8	369.3	357.8	345.7	333.7	341.4	349.1
311.4	82.5°	297.4	283.5	262.2	240.9	244.9	249.0	250.0	251.0	256.4	261.9
197.8	85°	180.5	163.2	143.2	123.3	134.5	145.6	150.9	156.0	162.2	168.3
85.7	87.5°	78.7	71.8	63.4	55.0	63.6	72.1	72.3	72.5	73.6	74.8
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
1874.0	0°	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0
1840.6	2.5°	1854.4	1871.5	1886.8	1902.6	1918.4	1934.9	1951.5	1967.9	1984.3	1999.8
1812.0	5°	1838.0	1867.9	1898.1	1930.1	1962.1	1996.3	2030.6	2064.6	2098.7	2132.8
1797.5	7.5°	1832.1	1870.7	1911.9	1956.6	2001.2	2051.9	2102.6	2154.7	2206.8	2263.1
1798.5	10°	1835.0	1876.5	1927.3	1980.2	2033.0	2094.7	2156.2	2225.0	2293.8	2365.0
1808.7	12.5°	1838.6	1877.2	1930.6	1990.4	2050.1	2122.8	2195.4	2273.4	2351.3	2429.5
1809.0	15°	1823.3	1854.2	1913.4	1982.6	2051.7	2135.4	2219.0	2303.6	2388.1	2469.7
1781.8	17.5°	1776.5	1795.6	1865.2	1948.4	2031.6	2128.7	2225.7	2318.0	2410.3	2493.0
1724.8	20°	1700.3	1705.3	1786.4	1889.5	1992.6	2110.3	2227.9	2329.3	2430.7	2516.8
1650.0	22.5°	1613.8	1603.9	1696.2	1820.4	1944.6	2087.7	2230.8	2344.5	2458.2	2546.2
1571.6	25°	1529.9	1503.3	1597.8	1743.2	1888.7	2065.4	2242.1	2372.2	2502.1	2588.2
1496.8	27.5°	1456.5	1424.2	1510.2	1672.7	1835.1	2050.5	2265.9	2415.3	2564.7	2646.9
1424.0	30°	1392.0	1366.6	1438.9	1613.7	1788.5	2043.5	2298.4	2471.2	2644.0	2723.3
1354.4	32.5°	1335.5	1324.2	1382.5	1562.9	1743.2	2034.9	2326.4	2529.5	2732.6	2811.1
1287.3	35°	1282.2	1286.8	1335.4	1512.9	1690.5	2018.6	2347.0	2595.9	2844.9	2920.2
1220.5	37.5°	1226.2	1243.3	1285.7	1454.1	1622.4	1990.8	2359.2	2670.4	2981.5	3077.4
1151.9	40°	1164.9	1191.2	1229.7	1383.9	1538.1	1952.5	2366.9	2764.9	3162.7	3302.5
1082.6	42.5°	1099.9	1132.9	1168.4	1306.5	1444.5	1912.9	2381.5	2888.5	3395.4	3597.2
1018.3	45°	1035.1	1067.1	1103.1	1224.2	1345.3	1876.2	2407.2	3051.1	3695.1	3967.3
963.3	47.5°	977.4	1004.9	1051.3	1159.1	1266.9	1845.9	2424.8	3224.4	4024.1	4407.2
914.0	50°	926.6	958.6	1019.5	1115.9	1212.3	1812.8	2413.3	3385.2	4357.2	4934.7
876.3	52.5°	888.7	933.4	1003.5	1087.4	1171.4	1756.9	2342.5	3489.6	4636.7	5488.9
849.0	55°	868.5	935.9	1001.1	1066.8	1132.4	1664.3	2196.1	3466.6	4737.1	5980.2
828.0	57.5°	856.4	938.4	995.9	1042.3	1088.7	1533.7	1978.6	3304.7	4630.8	6328.3
808.2	60°	845.1	930.5	968.5	1004.9	1041.4	1364.1	1686.9	3003.3	4319.8	6415.4
785.7	62.5°	831.9	911.1	915.8	939.9	964.2	1161.2	1358.2	2595.8	3833.4	6049.0
754.9	65°	804.0	864.4	863.8	875.2	886.6	978.6	1070.6	2180.0	3289.5	5530.6
713.3	67.5°	754.2	788.1	789.7	783.4	777.0	803.2	829.3	1772.7	2716.2	4913.7
662.0	70°	691.1	702.2	702.2	672.6	643.0	635.6	628.1	1395.8	2163.4	4240.5
600.8	72.5°	620.7	620.6	613.5	571.6	529.6	507.0	484.5	1067.1	1649.6	3510.8
525.6	75°	540.9	543.6	511.1	464.1	417.1	396.7	376.2	774.5	1172.7	2674.3
448.6	77.5°	460.9	462.4	408.8	363.1	317.5	303.5	289.7	524.8	759.9	1871.7
359.5	80°	369.8	370.0	306.0	267.4	228.7	222.9	217.2	338.1	459.1	1205.9
266.9	82.5°	272.0	268.9	214.3	185.8	157.3	156.2	155.2	208.0	260.9	698.0
173.7	85°	179.1	175.1	134.5	113.6	92.8	93.3	93.8	111.2	128.6	314.0
76.9	87.5°	79.1	74.1	57.2	48.6	40.1	40.6	41.1	46.1	51.1	102.8
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
1874.0	0°	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0
2015.3	2.5°	2022.9	2030.6	2041.4	2052.3	2058.8	2065.2	2068.5	2071.7	2070.3	2071.7
2167.0	5°	2193.7	2220.4	2246.9	2273.4	2287.8	2302.2	2310.9	2319.7	2326.3	2319.7
2319.4	7.5°	2362.9	2406.2	2445.3	2484.3	2507.9	2531.4	2544.1	2556.8	2562.9	2556.8
2436.3	10°	2487.6	2539.0	2584.8	2630.6	2658.4	2686.0	2698.3	2710.6	2715.3	2710.6
2507.9	12.5°	2563.5	2619.1	2660.5	2701.8	2721.9	2742.1	2748.8	2755.6	2756.3	2755.6
2551.4	15°	2599.4	2647.4	2673.3	2699.3	2700.1	2700.8	2693.6	2686.4	2677.9	2686.4
2575.8	17.5°	2608.2	2640.7	2641.2	2641.6	2612.5	2583.4	2556.7	2529.9	2511.1	2529.9
2602.8	20°	2614.1	2625.4	2591.3	2557.1	2492.8	2428.5	2381.7	2334.9	2306.1	2334.9
2634.1	22.5°	2619.2	2604.4	2533.7	2462.9	2368.3	2273.8	2215.3	2156.7	2124.9	2156.7
2674.3	25°	2627.6	2580.8	2473.4	2366.0	2251.1	2136.3	2074.7	2013.3	1983.3	2013.3
2729.0	27.5°	2645.4	2561.8	2419.5	2277.2	2150.0	2022.7	1962.1	1901.7	1873.2	1901.7
2802.7	30°	2678.1	2553.5	2378.3	2203.2	2070.6	1938.0	1881.8	1825.6	1799.2	1825.6
2889.7	32.5°	2719.1	2548.5	2350.3	2152.1	2027.5	1902.9	1858.8	1814.6	1795.6	1814.6
2995.4	35°	2786.6	2577.8	2371.3	2164.8	2078.3	1991.8	1981.5	1971.2	1969.6	1971.2
3173.4	37.5°	2927.7	2682.1	2494.4	2306.7	2301.1	2295.5	2342.5	2389.6	2414.0	2389.6
3442.3	40°	3175.2	2908.0	2768.5	2628.9	2727.4	2825.9	2940.2	3054.6	3111.5	3054.6
3799.0	42.5°	3533.9	3268.9	3188.5	3108.1	3322.9	3537.8	3745.8	3953.7	4075.8	3953.7
4239.4	45°	4001.3	3763.2	3727.7	3692.2	4036.4	4380.7	4722.5	5064.2	5271.7	5064.2
4790.3	47.5°	4558.6	4327.0	4319.8	4312.6	4809.2	5305.6	5805.9	6306.1	6599.9	6306.1
5512.2	50°	5226.1	4940.1	4941.3	4942.5	5582.5	6222.5	6882.8	7543.2	7942.4	7543.2
6341.0	52.5°	5994.5	5648.1	5613.1	5578.0	6342.5	7107.0	7924.0	8741.0	9219.5	8741.0
7223.3	55°	6881.0	6538.8	6402.2	6265.6	7116.5	7967.2	8941.3	9915.3	10484.4	9915.3
8025.8	57.5°	7839.5	7653.0	7379.1	7105.3	7964.4	8823.5	9926.7	11029.9	11735.7	11029.9
8510.9	60°	8800.4	9090.0	8749.8	8409.7	9222.7	10035.7	11216.9	12398.1	13160.9	12398.1
8264.6	62.5°	9055.7	9846.7	9808.4	9770.0	10514.8	11259.6	12383.4	13507.2	14212.2	13507.2
7771.6	65°	8514.1	9256.6	9403.5	9550.3	10496.8	11443.4	12533.1	13622.7	14223.0	13622.7
7111.2	67.5°	7817.3	8523.5	8592.3	8661.2	9647.3	10633.4	11727.8	12822.2	13292.5	12822.2
6317.6	70°	7085.7	7853.8	7884.6	7915.5	8797.4	9679.2	10621.0	11562.7	11824.1	11562.7
5372.0	72.5°	6253.4	7134.9	7157.0	7179.1	7869.1	8559.1	9264.4	9969.7	9996.2	9969.7
4175.8	75°	5088.0	6000.3	6082.2	6164.1	6700.9	7237.7	7734.3	8230.8	8097.8	8230.8
2983.5	77.5°	3835.1	4686.7	4803.9	4921.1	5329.2	5737.3	6089.5	6441.7	6213.0	6441.7
1952.7	80°	2669.1	3385.5	3531.2	3676.9	3985.1	4293.2	4478.1	4663.0	4295.2	4663.0
1135.1	82.5°	1624.9	2114.7	2277.5	2440.3	2652.4	2864.5	2941.7	3018.8	2729.7	3018.8
499.4	85°	759.4	1019.3	1157.7	1296.2	1470.5	1644.7	1688.5	1732.3	1500.8	1732.3
154.6	87.5°	242.0	329.3	406.6	483.8	571.0	658.1	661.9	665.5	558.7	665.5
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°
1874.0	0°	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0	1874.0
2068.5	2.5°	2065.2	2058.8	2052.3	2041.4	2030.6	2022.9	2015.3
2310.9	5°	2302.2	2287.8	2273.4	2246.9	2220.4	2193.7	2167.0
2544.1	7.5°	2531.4	2507.9	2484.3	2445.3	2406.2	2362.9	2319.4
2698.3	10°	2686.0	2658.4	2630.6	2584.8	2539.0	2487.6	2436.3
2748.8	12.5°	2742.1	2721.9	2701.8	2660.5	2619.1	2563.5	2507.9
2693.6	15°	2700.8	2700.1	2699.3	2673.3	2647.4	2599.4	2551.4
2556.7	17.5°	2583.4	2612.5	2641.6	2641.2	2640.7	2608.2	2575.8
2381.7	20°	2428.5	2492.8	2557.1	2591.3	2625.4	2614.1	2602.8
2215.3	22.5°	2273.8	2368.3	2462.9	2533.7	2604.4	2619.2	2634.1
2074.7	25°	2136.3	2251.1	2366.0	2473.4	2580.8	2627.6	2674.3
1962.1	27.5°	2022.7	2150.0	2277.2	2419.5	2561.8	2645.4	2729.0
1881.8	30°	1938.0	2070.6	2203.2	2378.3	2553.5	2678.1	2802.7
1858.8	32.5°	1902.9	2027.5	2152.1	2350.3	2548.5	2719.1	2889.7
1981.5	35°	1991.8	2078.3	2164.8	2371.3	2577.8	2786.6	2995.4
2342.5	37.5°	2295.5	2301.1	2306.7	2494.4	2682.1	2927.7	3173.4
2940.2	40°	2825.9	2727.4	2628.9	2768.5	2908.0	3175.2	3442.3
3745.8	42.5°	3537.8	3322.9	3108.1	3188.5	3268.9	3533.9	3799.0
4722.5	45°	4380.7	4036.4	3692.2	3727.7	3763.2	4001.3	4239.4
5805.9	47.5°	5305.6	4809.2	4312.6	4319.8	4327.0	4558.6	4790.3
6882.8	50°	6222.5	5582.5	4942.5	4941.3	4940.1	5226.1	5512.2
7924.0	52.5°	7107.0	6342.5	5578.0	5613.1	5648.1	5994.5	6341.0
8941.3	55°	7967.2	7116.5	6265.6	6402.2	6538.8	6881.0	7223.3
9926.7	57.5°	8823.5	7964.4	7105.3	7379.1	7653.0	7839.5	8025.8
11216.9	60°	10035.7	9222.7	8409.7	8749.8	9090.0	8800.4	8510.9
12383.4	62.5°	11259.6	10514.8	9770.0	9808.4	9846.7	9055.7	8264.6
12533.1	65°	11443.4	10496.8	9550.3	9403.5	9256.6	8514.1	7771.6
11727.8	67.5°	10633.4	9647.3	8661.2	8592.3	8523.5	7817.3	7111.2
10621.0	70°	9679.2	8797.4	7915.5	7884.6	7853.8	7085.7	6317.6
9264.4	72.5°	8559.1	7869.1	7179.1	7157.0	7134.9	6253.4	5372.0
7734.3	75°	7237.7	6700.9	6164.1	6082.2	6000.3	5088.0	4175.8
6089.5	77.5°	5737.3	5329.2	4921.1	4803.9	4686.7	3835.1	2983.5
4478.1	80°	4293.2	3985.1	3676.9	3531.2	3385.5	2669.1	1952.7
2941.7	82.5°	2864.5	2652.4	2440.3	2277.5	2114.7	1624.9	1135.1
1688.5	85°	1644.7	1470.5	1296.2	1157.7	1019.3	759.4	499.4
661.9	87.5°	658.1	571.0	483.8	406.6	329.3	242.0	154.6
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)