

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: P945995

Luminaire Tested: **GALN-SB1D-740-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P945995  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GALN-SB1D-740-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 70 CRI, 4000K, 900mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

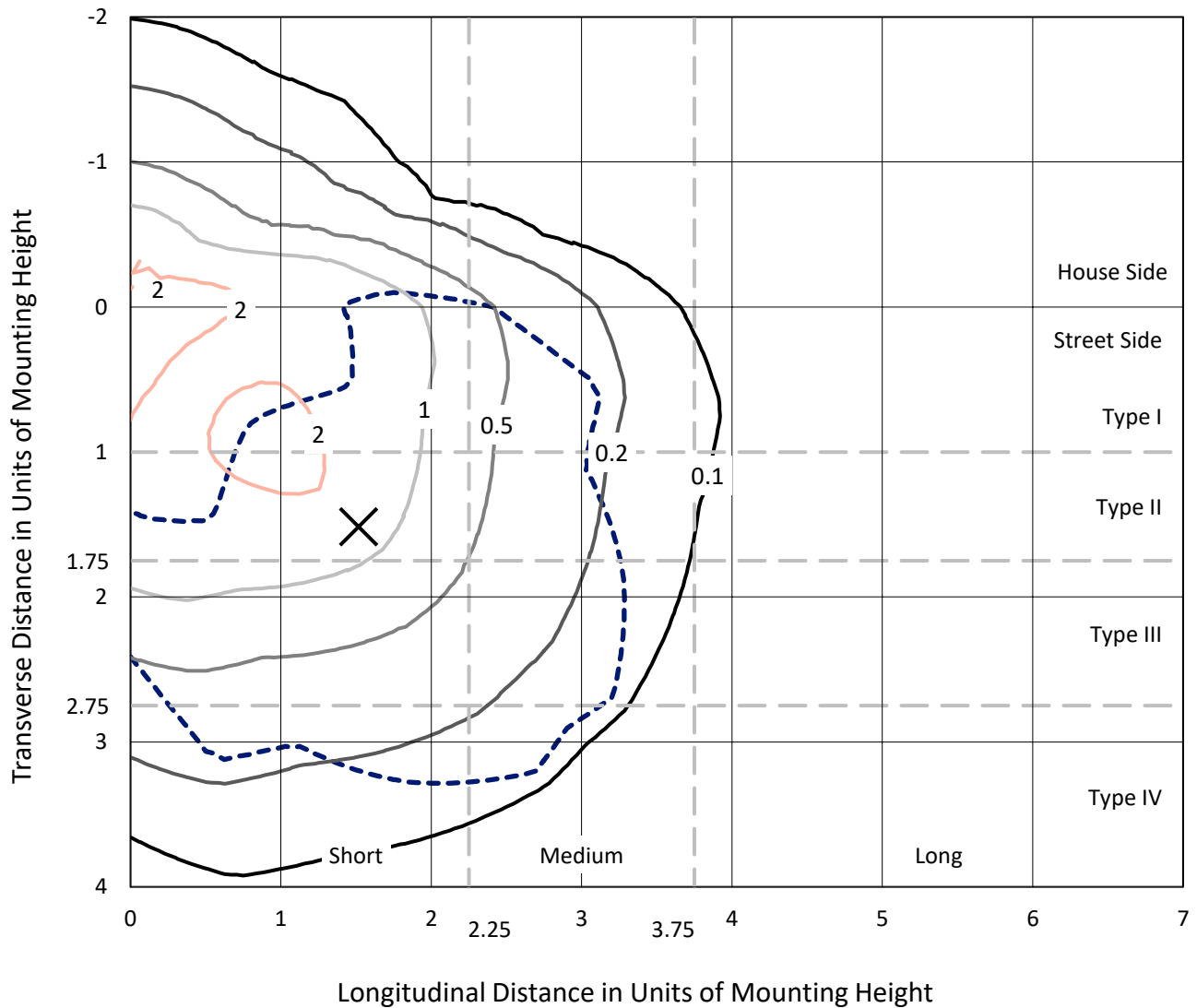
Lumens per Lamp: N/A  
Luminaire Lumens: 10731 lumens  
Efficiency: N/A  
Efficacy: 134.8 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G3  
  
Input Watts (W): 79.6  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

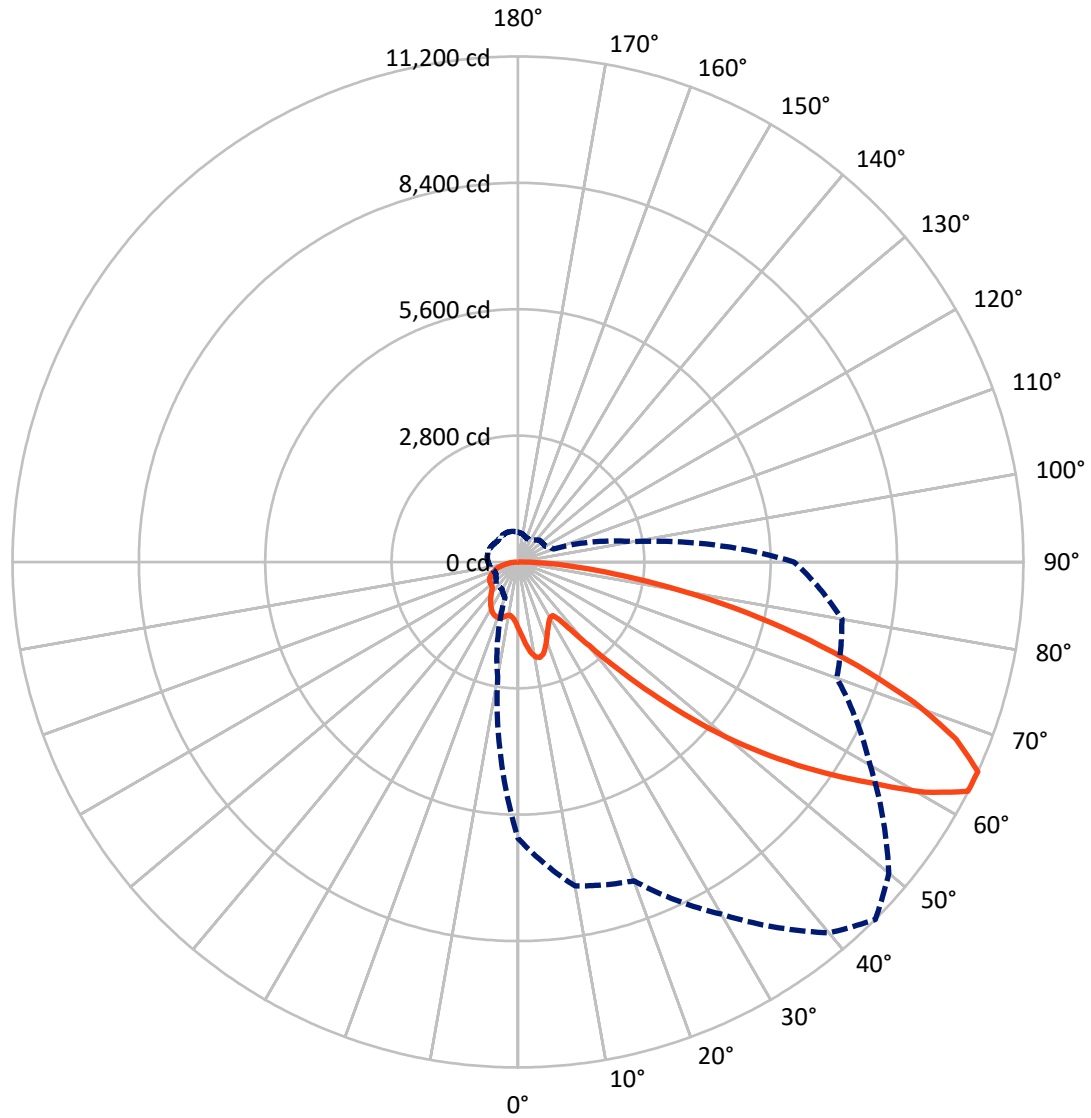
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.3 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2727.3	0.0	2727.3
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	8003.7	0.0	8003.7
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	10731.0	0.0	10731.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	146.4	1.4
10°-20°	459.5	4.3
20°-30°	709.8	6.6
30°-40°	899.5	8.4
40°-50°	1356.6	12.6
50°-60°	2191.9	20.4
60°-70°	2732.5	25.5
70°-80°	1791.8	16.7
80°-90°	443.0	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°	10731.0	100.0
0°-180°	10731.0	100.0



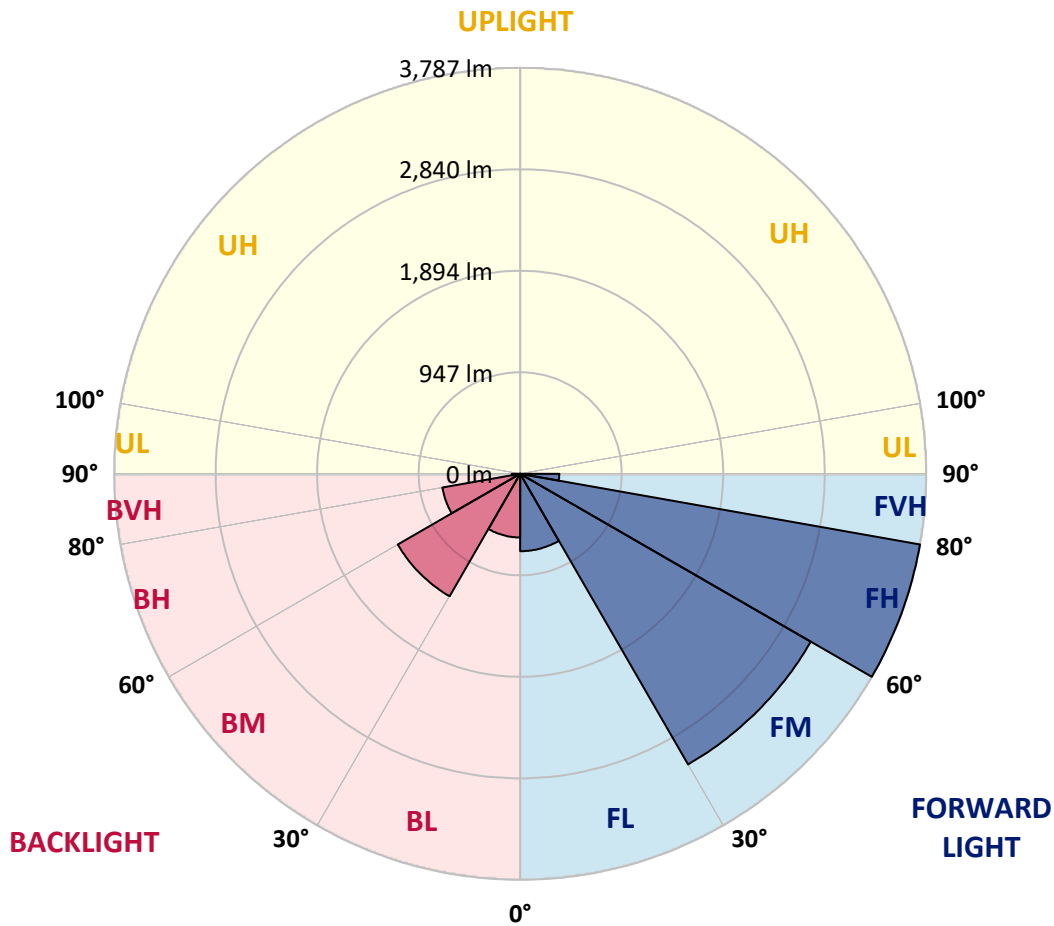
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	721.8	6.7			
FM (30°-60°)	3130.0	29.2			
FH (60°-80°)	3787.0	35.3			G2/5000
FVH (80°-90°)	364.9	3.4			G3/500
BL (0°-30°)	593.9	5.5	B2/1000		
BM (30°-60°)	1318.0	12.3	B2/2500		
BH (60°-80°)	737.3	6.9	B2/1000		G2/1000
BVH (80°-90°)	78.1	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°	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6
2.5°	1586.9	1592.9	1598.9	1607.5	1616.0	1621.1	1626.2	1628.8	1631.3	1630.2
5°	1706.3	1727.4	1748.4	1769.3	1790.1	1801.5	1812.8	1819.6	1826.6	1831.8
7.5°	1826.4	1860.6	1894.7	1925.5	1956.2	1974.7	1993.3	2003.3	2013.2	2018.1
10°	1918.4	1958.8	1999.3	2035.3	2071.4	2093.3	2115.0	2124.7	2134.4	2138.1
12.5°	1974.7	2018.6	2062.3	2095.0	2127.5	2143.3	2159.2	2164.5	2169.8	2170.4
15°	2009.0	2046.8	2084.6	2105.0	2125.5	2126.1	2126.7	2121.0	2115.3	2108.7
17.5°	2028.2	2053.8	2079.3	2079.7	2080.1	2057.1	2034.2	2013.2	1992.1	1977.3
20°	2049.5	2058.4	2067.3	2040.4	2013.5	1962.9	1912.3	1875.4	1838.6	1815.9
22.5°	2074.1	2062.4	2050.8	1995.1	1939.4	1864.9	1790.4	1744.3	1698.2	1673.2
25°	2105.8	2069.0	2032.2	1947.6	1863.0	1772.6	1682.2	1633.7	1585.3	1561.7
27.5°	2148.9	2083.1	2017.2	1905.1	1793.1	1692.9	1592.7	1545.0	1497.4	1475.0
30°	2206.9	2108.8	2010.7	1872.8	1734.8	1630.4	1526.0	1481.8	1437.6	1416.7
32.5°	2275.4	2141.0	2006.7	1850.7	1694.6	1596.5	1498.4	1463.7	1428.9	1413.9
35°	2358.6	2194.2	2029.8	1867.2	1704.6	1636.5	1568.4	1560.3	1552.2	1550.9
37.5°	2498.8	2305.4	2111.9	1964.2	1816.4	1811.9	1807.5	1844.6	1881.6	1900.8
40°	2710.6	2500.2	2289.8	2179.9	2070.0	2147.6	2225.2	2315.2	2405.2	2450.1
42.5°	2991.4	2782.7	2574.0	2510.7	2447.4	2616.6	2785.8	2949.5	3113.3	3209.4
45°	3338.2	3150.8	2963.2	2935.3	2907.3	3178.4	3449.5	3718.6	3987.7	4151.1
47.5°	3772.0	3589.6	3407.1	3401.5	3395.8	3786.9	4177.8	4571.7	4965.6	5196.9
50°	4340.5	4115.2	3889.9	3890.9	3891.8	4395.8	4899.7	5419.7	5939.7	6254.1
52.5°	4993.0	4720.2	4447.5	4419.9	4392.3	4994.2	5596.2	6239.6	6882.9	7259.7
55°	5687.8	5418.3	5148.8	5041.2	4933.7	5603.7	6273.6	7040.5	7807.5	8255.7
57.5°	6319.7	6173.0	6026.1	5810.5	5594.8	6271.3	6947.8	7816.5	8685.2	9240.9
60°	6701.7	6929.6	7157.6	6889.8	6622.0	7262.2	7902.4	8832.5	9762.5	10363.2
62.5°	6507.7	7130.6	7753.6	7723.4	7693.1	8279.6	8866.1	9751.0	10635.8	11191.0
65°	6119.6	6704.2	7288.8	7404.5	7520.1	8265.4	9010.8	9868.8	10726.8	11199.5
67.5°	5599.5	6155.5	6711.6	6765.8	6820.0	7596.5	8373.0	9234.8	10096.5	10466.8
70°	4974.6	5579.4	6184.3	6208.5	6232.8	6927.2	7621.6	8363.2	9104.8	9310.6
72.5°	4230.0	4924.1	5618.2	5635.6	5653.0	6196.3	6739.6	7295.0	7850.4	7871.2
75°	3288.1	4006.4	4724.8	4789.3	4853.8	5276.4	5699.1	6090.1	6481.1	6376.4
77.5°	2349.3	3019.8	3690.4	3782.7	3875.0	4196.4	4517.7	4795.0	5072.3	4892.3
80°	1537.6	2101.7	2665.8	2780.5	2895.3	3138.0	3380.5	3526.2	3671.7	3382.1
82.5°	893.8	1279.5	1665.2	1793.3	1921.5	2088.6	2255.6	2316.3	2377.0	2149.4
85°	393.2	597.9	802.6	911.6	1020.6	1157.9	1295.1	1329.6	1364.1	1181.7
87.5°	121.7	190.5	259.3	320.1	381.0	449.6	518.2	521.2	524.0	440.0
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):**

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
1475.6	0°	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6
1631.3	2.5°	1628.8	1626.2	1621.1	1616.0	1607.5	1598.9	1592.9	1586.9	1574.7	1562.5
1826.6	5°	1819.6	1812.8	1801.5	1790.1	1769.3	1748.4	1727.4	1706.3	1679.4	1652.6
2013.2	7.5°	2003.3	1993.3	1974.7	1956.2	1925.5	1894.7	1860.6	1826.4	1782.0	1737.7
2134.4	10°	2124.7	2115.0	2093.3	2071.4	2035.3	1999.3	1958.8	1918.4	1862.3	1806.2
2169.8	12.5°	2164.5	2159.2	2143.3	2127.5	2095.0	2062.3	2018.6	1974.7	1913.1	1851.5
2115.3	15°	2121.0	2126.7	2126.1	2125.5	2105.0	2084.6	2046.8	2009.0	1944.7	1880.5
1992.1	17.5°	2013.2	2034.2	2057.1	2080.1	2079.7	2079.3	2053.8	2028.2	1963.1	1897.9
1838.6	20°	1875.4	1912.3	1962.9	2013.5	2040.4	2067.3	2058.4	2049.5	1981.8	1914.0
1698.2	22.5°	1744.3	1790.4	1864.9	1939.4	1995.1	2050.8	2062.4	2074.1	2004.9	1935.7
1585.3	25°	1633.7	1682.2	1772.6	1863.0	1947.6	2032.2	2069.0	2105.8	2038.0	1970.2
1497.4	27.5°	1545.0	1592.7	1692.9	1793.1	1905.1	2017.2	2083.1	2148.9	2084.2	2019.5
1437.6	30°	1481.8	1526.0	1630.4	1734.8	1872.8	2010.7	2108.8	2206.9	2144.4	2081.9
1428.9	32.5°	1463.7	1498.4	1596.5	1694.6	1850.7	2006.7	2141.0	2275.4	2213.5	2151.7
1552.2	35°	1560.3	1568.4	1636.5	1704.6	1867.2	2029.8	2194.2	2358.6	2299.4	2240.1
1881.6	37.5°	1844.6	1807.5	1811.9	1816.4	1964.2	2111.9	2305.4	2498.8	2423.3	2347.7
2405.2	40°	2315.2	2225.2	2147.6	2070.0	2179.9	2289.8	2500.2	2710.6	2600.5	2490.4
3113.3	42.5°	2949.5	2785.8	2616.6	2447.4	2510.7	2574.0	2782.7	2991.4	2832.5	2673.6
3987.7	45°	3718.6	3449.5	3178.4	2907.3	2935.3	2963.2	3150.8	3338.2	3123.9	2909.6
4965.6	47.5°	4571.7	4177.8	3786.9	3395.8	3401.5	3407.1	3589.6	3772.0	3470.3	3168.6
5939.7	50°	5419.7	4899.7	4395.8	3891.8	3890.9	3889.9	4115.2	4340.5	3885.7	3430.9
6882.9	52.5°	6239.6	5596.2	4994.2	4392.3	4419.9	4447.5	4720.2	4993.0	4322.1	3651.1
7807.5	55°	7040.5	6273.6	5603.7	4933.7	5041.2	5148.8	5418.3	5687.8	4708.9	3730.1
8685.2	57.5°	7816.5	6947.8	6271.3	5594.8	5810.5	6026.1	6173.0	6319.7	4983.1	3646.4
9762.5	60°	8832.5	7902.4	7262.2	6622.0	6889.8	7157.6	6929.6	6701.7	5051.6	3401.5
10635.8	62.5°	9751.0	8866.1	8279.6	7693.1	7723.4	7753.6	7130.6	6507.7	4763.1	3018.5
10726.8	65°	9868.8	9010.8	8265.4	7520.1	7404.5	7288.8	6704.2	6119.6	4354.9	2590.2
10096.5	67.5°	9234.8	8373.0	7596.5	6820.0	6765.8	6711.6	6155.5	5599.5	3869.1	2138.8
9104.8	70°	8363.2	7621.6	6927.2	6232.8	6208.5	6184.3	5579.4	4974.6	3339.1	1703.5
7850.4	72.5°	7295.0	6739.6	6196.3	5653.0	5635.6	5618.2	4924.1	4230.0	2764.5	1298.9
6481.1	75°	6090.1	5699.1	5276.4	4853.8	4789.3	4724.8	4006.4	3288.1	2105.8	923.4
5072.3	77.5°	4795.0	4517.7	4196.4	3875.0	3782.7	3690.4	3019.8	2349.3	1473.8	598.4
3671.7	80°	3526.2	3380.5	3138.0	2895.3	2780.5	2665.8	2101.7	1537.6	949.6	361.5
2377.0	82.5°	2316.3	2255.6	2088.6	1921.5	1793.3	1665.2	1279.5	893.8	549.6	205.4
1364.1	85°	1329.6	1295.1	1157.9	1020.6	911.6	802.6	597.9	393.2	247.2	101.2
524.0	87.5°	521.2	518.2	449.6	381.0	320.1	259.3	190.5	121.7	81.0	40.2
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):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
1475.6	0°	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6
1549.6	2.5°	1536.6	1523.6	1510.6	1498.1	1485.7	1473.6	1460.2	1449.3	1438.5	1428.7
1625.7	5°	1598.9	1571.9	1545.0	1519.8	1494.6	1470.8	1447.3	1426.8	1406.2	1389.0
1696.7	7.5°	1655.7	1615.7	1575.8	1540.7	1505.5	1473.1	1442.7	1415.4	1388.1	1365.5
1752.0	10°	1697.9	1649.4	1600.9	1559.3	1517.6	1477.6	1444.9	1416.2	1387.4	1364.7
1790.1	12.5°	1728.7	1671.5	1614.3	1567.3	1520.2	1478.2	1447.7	1424.2	1400.7	1385.7
1813.9	15°	1747.3	1681.4	1615.6	1561.1	1506.6	1460.0	1435.7	1424.4	1413.2	1415.2
1825.3	17.5°	1752.6	1676.2	1599.7	1534.2	1468.7	1413.9	1398.9	1403.0	1407.1	1431.8
1834.1	20°	1754.3	1661.7	1569.0	1487.8	1406.6	1342.8	1338.9	1358.1	1377.4	1420.2
1846.1	22.5°	1756.6	1643.9	1531.2	1433.4	1335.6	1263.0	1270.7	1299.2	1327.7	1376.6
1867.9	25°	1765.5	1626.3	1487.2	1372.7	1258.2	1183.7	1204.7	1237.5	1270.3	1314.3
1901.9	27.5°	1784.2	1614.6	1445.0	1317.1	1189.2	1121.4	1146.9	1178.6	1210.3	1246.5
1945.9	30°	1809.8	1609.1	1408.3	1270.7	1133.0	1076.1	1096.1	1121.3	1146.5	1176.5
1991.8	32.5°	1831.9	1602.3	1372.7	1230.7	1088.6	1042.7	1051.6	1066.5	1081.4	1105.3
2044.1	35°	1848.1	1589.5	1331.1	1191.3	1051.5	1013.3	1009.6	1013.7	1017.8	1036.1
2102.7	37.5°	1857.7	1567.6	1277.5	1145.0	1012.4	979.0	965.5	961.0	956.5	969.6
2177.1	40°	1863.8	1537.4	1211.2	1089.7	968.3	938.0	917.3	907.0	896.8	906.3
2274.4	42.5°	1875.3	1506.3	1137.5	1028.7	920.0	892.1	866.1	852.5	838.9	846.6
2402.5	45°	1895.5	1477.4	1059.3	964.0	868.6	840.3	815.1	801.8	788.7	795.1
2539.0	47.5°	1909.3	1453.5	997.6	912.7	827.8	791.3	769.6	758.5	747.4	753.5
2665.6	50°	1900.3	1427.4	954.6	878.7	802.8	754.8	729.6	719.7	709.9	719.5
2747.8	52.5°	1844.5	1383.4	922.4	856.3	790.2	735.0	699.8	690.0	680.3	694.7
2729.7	55°	1729.3	1310.5	891.7	840.0	788.3	737.0	683.9	668.5	653.2	673.5
2602.2	57.5°	1558.0	1207.7	857.3	820.8	784.2	738.9	674.4	652.0	629.5	651.4
2364.9	60°	1328.3	1074.1	820.0	791.3	762.6	732.7	665.4	636.4	607.3	626.5
2044.0	62.5°	1069.5	914.4	759.2	740.1	721.1	717.4	655.0	618.7	582.4	594.5
1716.6	65°	843.0	770.6	698.2	689.2	680.2	680.6	633.0	594.4	555.8	560.5
1395.9	67.5°	653.0	632.4	611.8	616.9	621.8	620.6	593.9	561.7	529.5	528.1
1099.1	70°	494.6	500.5	506.3	529.7	552.9	552.9	544.2	521.3	498.4	493.3
840.2	72.5°	381.5	399.3	417.0	450.1	483.1	488.7	488.8	473.1	457.4	449.9
609.8	75°	296.3	312.3	328.4	365.4	402.5	428.1	425.9	413.9	401.7	394.6
413.2	77.5°	228.1	239.0	250.0	285.9	321.9	364.1	363.0	353.3	343.6	336.3
266.2	80°	171.0	175.5	180.1	210.5	240.9	291.3	291.2	283.1	274.9	268.8
163.8	82.5°	122.2	123.0	123.9	146.3	168.7	211.8	214.1	210.2	206.2	201.9
87.5	85°	73.9	73.5	73.0	89.5	105.9	137.9	141.0	136.7	132.5	127.7
36.3	87.5°	32.4	32.0	31.6	38.3	45.0	58.3	62.3	60.6	58.9	58.0
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°
1475.6	0°	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6
1419.0	2.5°	1410.4	1401.9	1393.3	1384.7	1378.1	1371.4	1366.0	1360.7	1356.5	1352.3
1371.9	5°	1356.7	1341.5	1327.8	1313.9	1303.4	1292.7	1285.3	1277.9	1272.6	1267.3
1342.8	7.5°	1323.7	1304.6	1287.7	1270.9	1258.3	1245.7	1236.9	1228.0	1222.0	1216.0
1342.1	10°	1321.5	1300.9	1282.0	1263.0	1247.9	1232.8	1223.0	1213.0	1207.3	1201.5
1370.7	12.5°	1354.5	1338.5	1318.8	1299.2	1280.0	1260.7	1248.0	1235.2	1228.8	1222.5
1417.3	15°	1413.1	1408.9	1391.9	1374.8	1347.4	1320.0	1300.6	1281.3	1272.4	1263.6
1456.5	17.5°	1469.6	1482.7	1468.9	1455.2	1418.9	1382.6	1354.1	1325.6	1312.4	1299.2
1463.1	20°	1490.6	1518.1	1511.7	1505.3	1463.8	1422.4	1387.4	1352.4	1335.6	1318.8
1425.7	22.5°	1461.4	1497.1	1501.0	1504.8	1465.1	1425.5	1389.5	1353.4	1335.7	1317.9
1358.4	25°	1393.6	1428.7	1441.9	1454.9	1422.4	1390.0	1357.9	1326.0	1310.6	1295.3
1282.6	27.5°	1310.8	1339.0	1353.6	1368.3	1345.1	1322.0	1297.2	1272.3	1262.0	1251.7
1206.5	30°	1229.9	1253.4	1265.2	1277.1	1259.5	1241.9	1224.1	1206.2	1200.9	1195.6
1129.4	32.5°	1151.8	1174.3	1187.4	1200.7	1184.5	1168.3	1154.0	1139.8	1136.4	1132.9
1054.3	35°	1076.5	1098.8	1114.6	1130.5	1118.9	1107.4	1094.3	1081.2	1076.0	1070.7
982.7	37.5°	1004.8	1027.0	1046.6	1066.2	1060.9	1055.6	1043.5	1031.4	1021.8	1012.3
915.7	40°	937.1	958.5	981.1	1003.6	1005.0	1006.2	995.9	985.7	971.8	958.0
854.3	42.5°	874.6	894.9	919.3	943.6	950.1	956.7	948.0	939.4	922.1	904.8
801.7	45°	820.9	840.2	865.4	890.7	900.0	909.4	901.6	893.8	874.0	854.3
759.6	47.5°	778.5	797.3	822.2	847.1	857.8	868.6	863.2	857.7	840.2	822.6
729.0	50°	746.8	764.5	786.8	809.1	823.0	836.8	836.4	836.2	822.2	808.1
708.9	52.5°	725.2	741.5	762.3	783.1	799.5	815.8	818.8	821.7	810.3	798.8
693.7	55°	711.3	728.9	747.1	765.3	782.6	800.0	804.1	808.1	798.2	788.2
673.3	57.5°	693.9	714.5	732.5	750.5	768.0	785.5	789.6	793.7	783.7	773.6
645.6	60°	669.3	693.0	711.2	729.6	747.1	764.7	769.2	773.8	763.9	754.1
606.7	62.5°	634.3	661.9	681.5	701.0	717.1	733.2	737.5	741.9	733.0	724.1
565.1	65°	594.7	624.3	643.0	661.6	675.8	690.0	694.4	698.8	690.3	681.7
526.6	67.5°	553.9	581.2	599.0	616.6	628.9	641.1	645.4	649.8	641.9	634.1
488.2	70°	512.2	536.2	551.5	566.8	577.8	588.9	593.1	597.3	590.9	584.5
442.5	72.5°	461.4	480.3	494.1	507.9	518.7	529.5	534.5	539.5	534.2	528.9
387.4	75°	401.5	415.5	428.0	440.5	450.4	460.2	465.4	470.7	468.0	465.4
329.1	77.5°	340.5	351.9	362.7	373.4	383.8	394.1	399.0	403.8	400.2	396.5
262.7	80°	272.2	281.7	290.8	299.8	307.7	315.5	322.0	328.4	326.8	325.3
197.6	82.5°	196.8	196.0	192.9	189.7	206.4	223.2	234.2	245.2	244.5	243.8
122.9	85°	118.8	114.7	105.9	97.1	112.8	128.5	142.1	155.7	154.6	153.4
57.1	87.5°	56.9	56.7	50.1	43.3	49.9	56.5	62.0	67.5	66.1	64.7
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°
1475.6	0°	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6
1348.4	2.5°	1344.5	1339.7	1344.5	1348.4	1352.3	1356.5	1360.7	1366.0	1371.4	1378.1
1263.3	5°	1259.3	1255.3	1259.3	1263.3	1267.3	1272.6	1277.9	1285.3	1292.7	1303.4
1212.4	7.5°	1208.8	1206.1	1208.8	1212.4	1216.0	1222.0	1228.0	1236.9	1245.7	1258.3
1198.5	10°	1195.4	1194.2	1195.4	1198.5	1201.5	1207.3	1213.0	1223.0	1232.8	1247.9
1219.9	12.5°	1217.3	1216.8	1217.3	1219.9	1222.5	1228.8	1235.2	1248.0	1260.7	1280.0
1260.2	15°	1256.8	1256.5	1256.8	1260.2	1263.6	1272.4	1281.3	1300.6	1320.0	1347.4
1294.9	17.5°	1290.6	1289.9	1290.6	1294.9	1299.2	1312.4	1325.6	1354.1	1382.6	1418.9
1313.4	20°	1308.0	1306.3	1308.0	1313.4	1318.8	1335.6	1352.4	1387.4	1422.4	1463.8
1312.0	22.5°	1306.0	1303.5	1306.0	1312.0	1317.9	1335.7	1353.4	1389.5	1425.5	1465.1
1289.7	25°	1284.1	1280.8	1284.1	1289.7	1295.3	1310.6	1326.0	1357.9	1390.0	1422.4
1249.1	27.5°	1246.6	1245.7	1246.6	1249.1	1251.7	1262.0	1272.3	1297.2	1322.0	1345.1
1195.6	30°	1195.6	1196.5	1195.6	1195.6	1195.6	1200.9	1206.2	1224.1	1241.9	1259.5
1133.4	32.5°	1133.9	1134.7	1133.9	1133.4	1132.9	1136.4	1139.8	1154.0	1168.3	1184.5
1069.6	35°	1068.5	1067.9	1068.5	1069.6	1070.7	1076.0	1081.2	1094.3	1107.4	1118.9
1007.3	37.5°	1002.2	999.4	1002.2	1007.3	1012.3	1021.8	1031.4	1043.5	1055.6	1060.9
948.6	40°	939.3	933.7	939.3	948.6	958.0	971.8	985.7	995.9	1006.2	1005.0
891.2	42.5°	877.5	868.6	877.5	891.2	904.8	922.1	939.4	948.0	956.7	950.1
838.3	45°	822.3	812.0	822.3	838.3	854.3	874.0	893.8	901.6	909.4	900.0
807.8	47.5°	793.0	783.1	793.0	807.8	822.6	840.2	857.7	863.2	868.6	857.8
794.4	50°	780.7	771.2	780.7	794.4	808.1	822.2	836.2	836.4	836.8	823.0
786.6	52.5°	774.3	765.5	774.3	786.6	798.8	810.3	821.7	818.8	815.8	799.5
777.4	55°	766.7	758.8	766.7	777.4	788.2	798.2	808.1	804.1	800.0	782.6
762.9	57.5°	752.2	744.0	752.2	762.9	773.6	783.7	793.7	789.6	785.5	768.0
743.1	60°	732.1	723.6	732.1	743.1	754.1	763.9	773.8	769.2	764.7	747.1
712.5	62.5°	701.0	690.8	701.0	712.5	724.1	733.0	741.9	737.5	733.2	717.1
670.5	65°	659.4	650.6	659.4	670.5	681.7	690.3	698.8	694.4	690.0	675.8
623.6	67.5°	613.2	605.3	613.2	623.6	634.1	641.9	649.8	645.4	641.1	628.9
574.5	70°	564.5	555.5	564.5	574.5	584.5	590.9	597.3	593.1	588.9	577.8
519.3	72.5°	509.9	501.1	509.9	519.3	528.9	534.2	539.5	534.5	529.5	518.7
457.5	75°	449.5	441.1	449.5	457.5	465.4	468.0	470.7	465.4	460.2	450.4
388.4	77.5°	380.4	373.7	380.4	388.4	396.5	400.2	403.8	399.0	394.1	383.8
314.5	80°	303.6	291.0	303.6	314.5	325.3	326.8	328.4	322.0	315.5	307.7
234.6	82.5°	225.5	217.4	225.5	234.6	243.8	244.5	245.2	234.2	223.2	206.4
146.3	85°	139.2	131.9	139.2	146.3	153.4	154.6	155.7	142.1	128.5	112.8
61.0	87.5°	57.3	53.8	57.3	61.0	64.7	66.1	67.5	62.0	56.5	49.9
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°
1475.6	0°	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6
1384.7	2.5°	1393.3	1401.9	1410.4	1419.0	1428.7	1438.5	1449.3	1460.2	1473.6	1485.7
1313.9	5°	1327.8	1341.5	1356.7	1371.9	1389.0	1406.2	1426.8	1447.3	1470.8	1494.6
1270.9	7.5°	1287.7	1304.6	1323.7	1342.8	1365.5	1388.1	1415.4	1442.7	1473.1	1505.5
1263.0	10°	1282.0	1300.9	1321.5	1342.1	1364.7	1387.4	1416.2	1444.9	1477.6	1517.6
1299.2	12.5°	1318.8	1338.5	1354.5	1370.7	1385.7	1400.7	1424.2	1447.7	1478.2	1520.2
1374.8	15°	1391.9	1408.9	1413.1	1417.3	1415.2	1413.2	1424.4	1435.7	1460.0	1506.6
1455.2	17.5°	1468.9	1482.7	1469.6	1456.5	1431.8	1407.1	1403.0	1398.9	1413.9	1468.7
1505.3	20°	1511.7	1518.1	1490.6	1463.1	1420.2	1377.4	1358.1	1338.9	1342.8	1406.6
1504.8	22.5°	1501.0	1497.1	1461.4	1425.7	1376.6	1327.7	1299.2	1270.7	1263.0	1335.6
1454.9	25°	1441.9	1428.7	1393.6	1358.4	1314.3	1270.3	1237.5	1204.7	1183.7	1258.2
1368.3	27.5°	1353.6	1339.0	1310.8	1282.6	1246.5	1210.3	1178.6	1146.9	1121.4	1189.2
1277.1	30°	1265.2	1253.4	1229.9	1206.5	1176.5	1146.5	1121.3	1096.1	1076.1	1133.0
1200.7	32.5°	1187.4	1174.3	1151.8	1129.4	1105.3	1081.4	1066.5	1051.6	1042.7	1088.6
1130.5	35°	1114.6	1098.8	1076.5	1054.3	1036.1	1017.8	1013.7	1009.6	1013.3	1051.5
1066.2	37.5°	1046.6	1027.0	1004.8	982.7	969.6	956.5	961.0	965.5	979.0	1012.4
1003.6	40°	981.1	958.5	937.1	915.7	906.3	896.8	907.0	917.3	938.0	968.3
943.6	42.5°	919.3	894.9	874.6	854.3	846.6	838.9	852.5	866.1	892.1	920.0
890.7	45°	865.4	840.2	820.9	801.7	795.1	788.7	801.8	815.1	840.3	868.6
847.1	47.5°	822.2	797.3	778.5	759.6	753.5	747.4	758.5	769.6	791.3	827.8
809.1	50°	786.8	764.5	746.8	729.0	719.5	709.9	719.7	729.6	754.8	802.8
783.1	52.5°	762.3	741.5	725.2	708.9	694.7	680.3	690.0	699.8	735.0	790.2
765.3	55°	747.1	728.9	711.3	693.7	673.5	653.2	668.5	683.9	737.0	788.3
750.5	57.5°	732.5	714.5	693.9	673.3	651.4	629.5	652.0	674.4	738.9	784.2
729.6	60°	711.2	693.0	669.3	645.6	626.5	607.3	636.4	665.4	732.7	762.6
701.0	62.5°	681.5	661.9	634.3	606.7	594.5	582.4	618.7	655.0	717.4	721.1
661.6	65°	643.0	624.3	594.7	565.1	560.5	555.8	594.4	633.0	680.6	680.2
616.6	67.5°	599.0	581.2	553.9	526.6	528.1	529.5	561.7	593.9	620.6	621.8
566.8	70°	551.5	536.2	512.2	488.2	493.3	498.4	521.3	544.2	552.9	552.9
507.9	72.5°	494.1	480.3	461.4	442.5	449.9	457.4	473.1	488.8	488.7	483.1
440.5	75°	428.0	415.5	401.5	387.4	394.6	401.7	413.9	425.9	428.1	402.5
373.4	77.5°	362.7	351.9	340.5	329.1	336.3	343.6	353.3	363.0	364.1	321.9
299.8	80°	290.8	281.7	272.2	262.7	268.8	274.9	283.1	291.2	291.3	240.9
189.7	82.5°	192.9	196.0	196.8	197.6	201.9	206.2	210.2	214.1	211.8	168.7
97.1	85°	105.9	114.7	118.8	122.9	127.7	132.5	136.7	141.0	137.9	105.9
43.3	87.5°	50.1	56.7	56.9	57.1	58.0	58.9	60.6	62.3	58.3	45.0
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):**

325°		330°	335°	340°	345°	350°	355°	360°
1475.6	0°	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6	1475.6
1498.1	2.5°	1510.6	1523.6	1536.6	1549.6	1562.5	1574.7	1586.9
1519.8	5°	1545.0	1571.9	1598.9	1625.7	1652.6	1679.4	1706.3
1540.7	7.5°	1575.8	1615.7	1655.7	1696.7	1737.7	1782.0	1826.4
1559.3	10°	1600.9	1649.4	1697.9	1752.0	1806.2	1862.3	1918.4
1567.3	12.5°	1614.3	1671.5	1728.7	1790.1	1851.5	1913.1	1974.7
1561.1	15°	1615.6	1681.4	1747.3	1813.9	1880.5	1944.7	2009.0
1534.2	17.5°	1599.7	1676.2	1752.6	1825.3	1897.9	1963.1	2028.2
1487.8	20°	1569.0	1661.7	1754.3	1834.1	1914.0	1981.8	2049.5
1433.4	22.5°	1531.2	1643.9	1756.6	1846.1	1935.7	2004.9	2074.1
1372.7	25°	1487.2	1626.3	1765.5	1867.9	1970.2	2038.0	2105.8
1317.1	27.5°	1445.0	1614.6	1784.2	1901.9	2019.5	2084.2	2148.9
1270.7	30°	1408.3	1609.1	1809.8	1945.9	2081.9	2144.4	2206.9
1230.7	32.5°	1372.7	1602.3	1831.9	1991.8	2151.7	2213.5	2275.4
1191.3	35°	1331.1	1589.5	1848.1	2044.1	2240.1	2299.4	2358.6
1145.0	37.5°	1277.5	1567.6	1857.7	2102.7	2347.7	2423.3	2498.8
1089.7	40°	1211.2	1537.4	1863.8	2177.1	2490.4	2600.5	2710.6
1028.7	42.5°	1137.5	1506.3	1875.3	2274.4	2673.6	2832.5	2991.4
964.0	45°	1059.3	1477.4	1895.5	2402.5	2909.6	3123.9	3338.2
912.7	47.5°	997.6	1453.5	1909.3	2539.0	3168.6	3470.3	3772.0
878.7	50°	954.6	1427.4	1900.3	2665.6	3430.9	3885.7	4340.5
856.3	52.5°	922.4	1383.4	1844.5	2747.8	3651.1	4322.1	4993.0
840.0	55°	891.7	1310.5	1729.3	2729.7	3730.1	4708.9	5687.8
820.8	57.5°	857.3	1207.7	1558.0	2602.2	3646.4	4983.1	6319.7
791.3	60°	820.0	1074.1	1328.3	2364.9	3401.5	5051.6	6701.7
740.1	62.5°	759.2	914.4	1069.5	2044.0	3018.5	4763.1	6507.7
689.2	65°	698.2	770.6	843.0	1716.6	2590.2	4354.9	6119.6
616.9	67.5°	611.8	632.4	653.0	1395.9	2138.8	3869.1	5599.5
529.7	70°	506.3	500.5	494.6	1099.1	1703.5	3339.1	4974.6
450.1	72.5°	417.0	399.3	381.5	840.2	1298.9	2764.5	4230.0
365.4	75°	328.4	312.3	296.3	609.8	923.4	2105.8	3288.1
285.9	77.5°	250.0	239.0	228.1	413.2	598.4	1473.8	2349.3
210.5	80°	180.1	175.5	171.0	266.2	361.5	949.6	1537.6
146.3	82.5°	123.9	123.0	122.2	163.8	205.4	549.6	893.8
89.5	85°	73.0	73.5	73.9	87.5	101.2	247.2	393.2
38.3	87.5°	31.6	32.0	32.4	36.3	40.2	81.0	121.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)