

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: P946688

Luminaire Tested: **GALN-SB2B-735-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P946688  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GALN-SB2B-735-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(2) 70 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

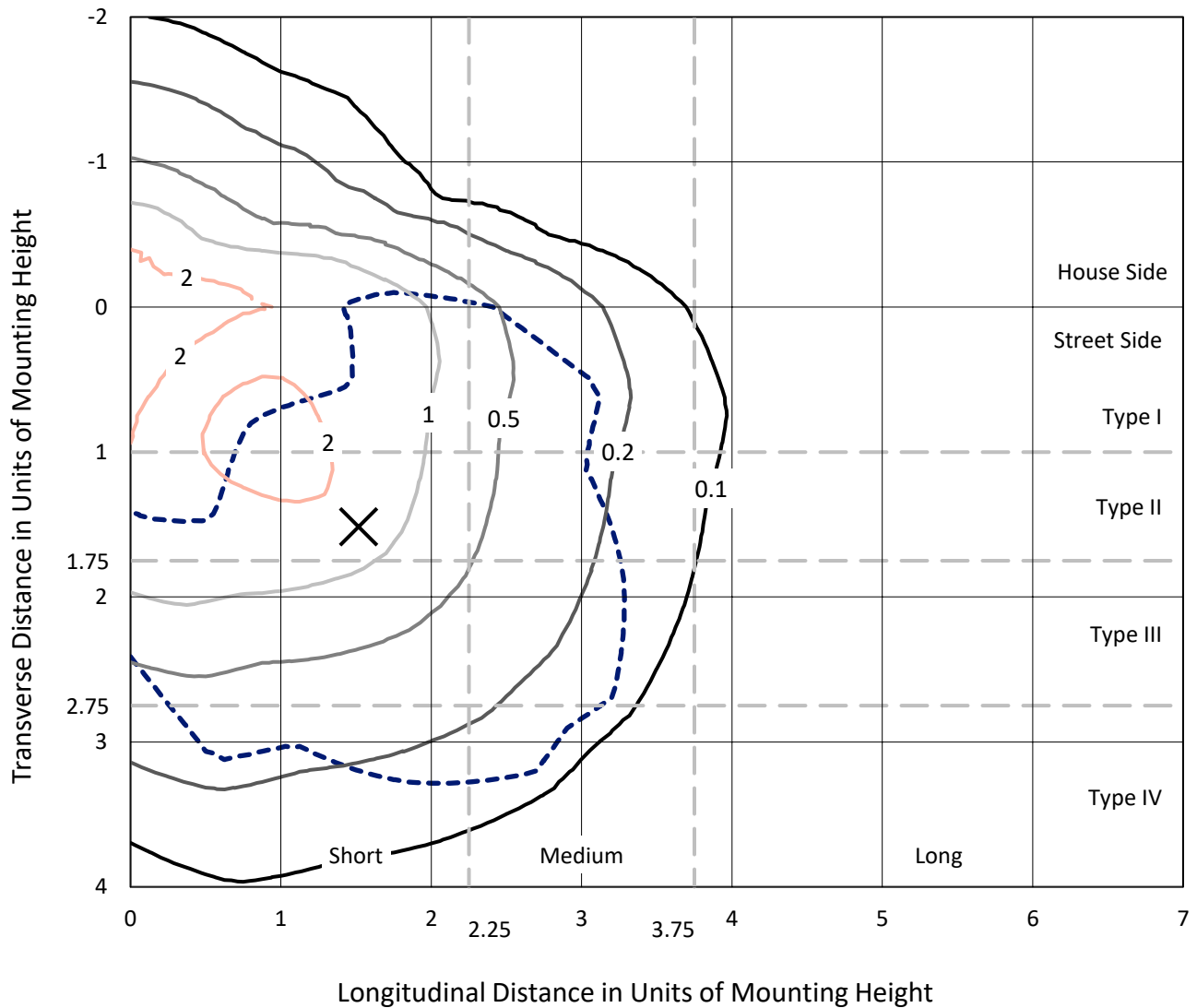
Lumens per Lamp: N/A  
Luminaire Lumens: 11221 lumens  
Efficiency: N/A  
Efficacy: 151.8 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G3  
  
Input Watts (W): 73.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

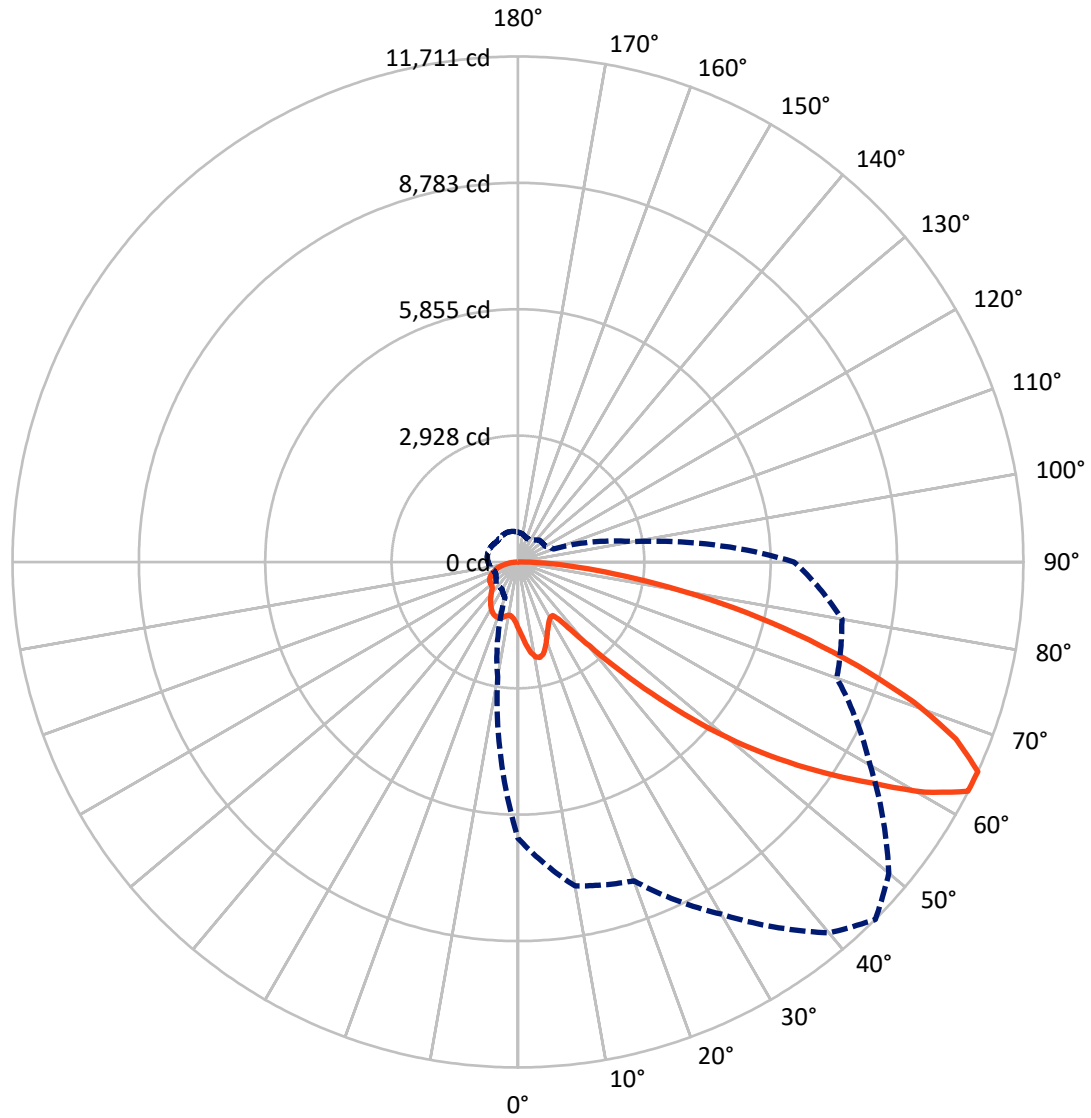
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.4 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	2851.8	0.0	2851.8
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	8369.2	0.0	8369.2
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	11221.0	0.0	11221.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	153.1	1.4
10°-20°	480.5	4.3
20°-30°	742.2	6.6
30°-40°	940.6	8.4
40°-50°	1418.6	12.6
50°-60°	2291.9	20.4
60°-70°	2857.3	25.5
70°-80°	1873.7	16.7
80°-90°	463.2	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°	11221.0	100.0
0°-180°	11221.0	100.0

**Coefficient of Utilization**



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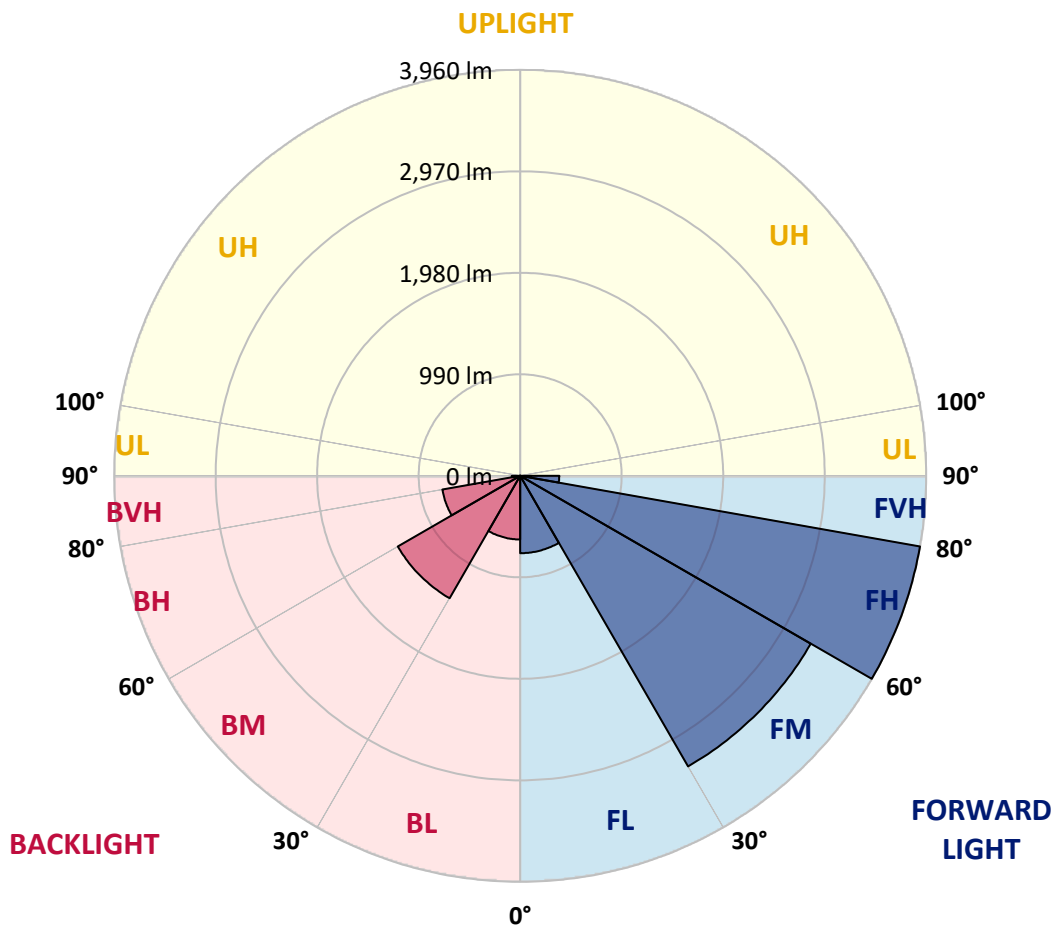
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	754.7	6.7			
FM (30°-60°)	3272.9	29.2			
FH (60°-80°)	3959.9	35.3			G2/5000
FVH (80°-90°)	381.6	3.4			G3/500
BL (0°-30°)	621.0	5.5	B2/1000		
BM (30°-60°)	1378.2	12.3	B2/2500		
BH (60°-80°)	771.0	6.9	B2/1000		G2/1000
BVH (80°-90°)	81.6	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°	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0
2.5°	1659.3	1665.6	1671.9	1680.9	1689.8	1695.2	1700.5	1703.1	1705.8	1704.6
5°	1784.3	1806.2	1828.3	1850.0	1871.9	1883.7	1895.6	1902.7	1910.0	1915.4
7.5°	1909.8	1945.5	1981.2	2013.4	2045.5	2064.9	2084.3	2094.8	2105.2	2110.2
10°	2006.0	2048.3	2090.5	2128.3	2166.0	2188.8	2211.6	2221.8	2231.9	2235.7
12.5°	2064.9	2110.7	2156.5	2190.6	2224.6	2241.2	2257.8	2263.3	2268.9	2269.5
15°	2100.7	2140.3	2179.8	2201.2	2222.6	2223.2	2223.8	2217.8	2211.9	2204.9
17.5°	2120.9	2147.6	2174.3	2174.7	2175.0	2151.1	2127.1	2105.1	2083.1	2067.6
20°	2143.1	2152.4	2161.7	2133.6	2105.5	2052.5	1999.6	1961.1	1922.5	1898.8
22.5°	2168.8	2156.6	2144.4	2086.2	2027.9	1950.0	1872.2	1824.0	1775.8	1749.6
25°	2202.0	2163.5	2125.0	2036.5	1948.1	1853.5	1759.0	1708.3	1657.7	1633.0
27.5°	2247.0	2178.2	2109.3	1992.1	1875.0	1770.2	1665.4	1615.6	1565.8	1542.4
30°	2307.7	2205.1	2102.5	1958.3	1814.0	1704.9	1595.7	1549.4	1503.2	1481.4
32.5°	2379.3	2238.8	2098.4	1935.2	1772.0	1669.4	1566.8	1530.5	1494.1	1478.4
35°	2466.3	2294.4	2122.5	1952.5	1782.5	1711.2	1640.0	1631.5	1623.0	1621.7
37.5°	2612.9	2410.6	2208.4	2053.8	1899.3	1894.7	1890.1	1928.8	1967.5	1987.6
40°	2834.3	2614.4	2394.4	2279.5	2164.6	2245.7	2326.8	2420.9	2515.1	2562.0
42.5°	3128.0	2909.8	2691.5	2625.3	2559.1	2736.0	2913.0	3084.2	3255.4	3356.0
45°	3490.7	3294.6	3098.5	3069.3	3040.1	3323.5	3607.0	3888.4	4169.8	4340.6
47.5°	3944.2	3753.5	3562.7	3556.8	3550.9	3959.8	4368.6	4780.5	5192.3	5434.2
50°	4538.7	4303.1	4067.5	4068.5	4069.5	4596.5	5123.5	5667.2	6210.9	6539.6
52.5°	5221.0	4935.8	4650.6	4621.7	4592.8	5222.3	5851.7	6524.5	7197.1	7591.2
55°	5947.5	5665.7	5383.9	5271.4	5159.0	5859.6	6560.1	7362.0	8164.0	8632.7
57.5°	6608.3	6454.8	6301.3	6075.8	5850.3	6557.7	7265.1	8173.4	9081.8	9662.9
60°	7007.7	7246.0	7484.5	7204.4	6924.4	7593.8	8263.2	9235.8	10208.3	10836.4
62.5°	6804.9	7456.2	8107.6	8076.0	8044.4	8657.6	9270.9	10196.2	11121.5	11702.0
65°	6399.0	7010.3	7621.7	7742.6	7863.5	8642.8	9422.2	10319.5	11216.7	11710.9
67.5°	5855.2	6436.6	7018.0	7074.8	7131.4	7943.4	8755.3	9656.4	10557.5	10944.8
70°	5201.8	5834.2	6466.7	6492.0	6517.4	7243.6	7969.6	8745.1	9520.5	9735.7
72.5°	4423.2	5148.9	5874.7	5892.9	5911.1	6479.2	7047.3	7628.1	8208.8	8230.6
75°	3438.3	4189.4	4940.5	5007.9	5075.4	5517.4	5959.4	6368.2	6777.1	6667.5
77.5°	2456.6	3157.7	3858.9	3955.5	4052.0	4388.0	4724.0	5013.9	5303.9	5115.6
80°	1607.8	2197.7	2787.6	2907.5	3027.5	3281.2	3534.9	3687.2	3839.4	3536.5
82.5°	934.6	1337.9	1741.2	1875.2	2009.3	2183.9	2358.6	2422.1	2485.6	2247.6
85°	411.2	625.2	839.3	953.3	1067.2	1210.8	1354.2	1390.3	1426.3	1235.7
87.5°	127.3	199.2	271.2	334.8	398.4	470.1	541.9	545.0	548.0	460.1
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°
1543.0	0°	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0
1705.8	2.5°	1703.1	1700.5	1695.2	1689.8	1680.9	1671.9	1665.6	1659.3	1646.6	1633.9
1910.0	5°	1902.7	1895.6	1883.7	1871.9	1850.0	1828.3	1806.2	1784.3	1756.1	1728.0
2105.2	7.5°	2094.8	2084.3	2064.9	2045.5	2013.4	1981.2	1945.5	1909.8	1863.4	1817.0
2231.9	10°	2221.8	2211.6	2188.8	2166.0	2128.3	2090.5	2048.3	2006.0	1947.3	1888.6
2268.9	12.5°	2263.3	2257.8	2241.2	2224.6	2190.6	2156.5	2110.7	2064.9	2000.4	1936.0
2211.9	15°	2217.8	2223.8	2223.2	2222.6	2201.2	2179.8	2140.3	2100.7	2033.5	1966.3
2083.1	17.5°	2105.1	2127.1	2151.1	2175.0	2174.7	2174.3	2147.6	2120.9	2052.7	1984.6
1922.5	20°	1961.1	1999.6	2052.5	2105.5	2133.6	2161.7	2152.4	2143.1	2072.3	2001.4
1775.8	22.5°	1824.0	1872.2	1950.0	2027.9	2086.2	2144.4	2156.6	2168.8	2096.5	2024.1
1657.7	25°	1708.3	1759.0	1853.5	1948.1	2036.5	2125.0	2163.5	2202.0	2131.0	2060.2
1565.8	27.5°	1615.6	1665.4	1770.2	1875.0	1992.1	2109.3	2178.2	2247.0	2179.4	2111.7
1503.2	30°	1549.4	1595.7	1704.9	1814.0	1958.3	2102.5	2205.1	2307.7	2242.3	2177.0
1494.1	32.5°	1530.5	1566.8	1669.4	1772.0	1935.2	2098.4	2238.8	2379.3	2314.6	2249.9
1623.0	35°	1631.5	1640.0	1711.2	1782.5	1952.5	2122.5	2294.4	2466.3	2404.4	2342.4
1967.5	37.5°	1928.8	1890.1	1894.7	1899.3	2053.8	2208.4	2410.6	2612.9	2533.9	2454.9
2515.1	40°	2420.9	2326.8	2245.7	2164.6	2279.5	2394.4	2614.4	2834.3	2719.2	2604.1
3255.4	42.5°	3084.2	2913.0	2736.0	2559.1	2625.3	2691.5	2909.8	3128.0	2961.9	2795.7
4169.8	45°	3888.4	3607.0	3323.5	3040.1	3069.3	3098.5	3294.6	3490.7	3266.6	3042.4
5192.3	47.5°	4780.5	4368.6	3959.8	3550.9	3556.8	3562.7	3753.5	3944.2	3628.8	3313.3
6210.9	50°	5667.2	5123.5	4596.5	4069.5	4068.5	4067.5	4303.1	4538.7	4063.2	3587.6
7197.1	52.5°	6524.5	5851.7	5222.3	4592.8	4621.7	4650.6	4935.8	5221.0	4519.4	3817.8
8164.0	55°	7362.0	6560.1	5859.6	5159.0	5271.4	5383.9	5665.7	5947.5	4923.9	3900.4
9081.8	57.5°	8173.4	7265.1	6557.7	5850.3	6075.8	6301.3	6454.8	6608.3	5210.6	3812.9
10208.3	60°	9235.8	8263.2	7593.8	6924.4	7204.4	7484.5	7246.0	7007.7	5282.3	3556.8
11121.5	62.5°	10196.2	9270.9	8657.6	8044.4	8076.0	8107.6	7456.2	6804.9	4980.6	3156.3
11216.7	65°	10319.5	9422.2	8642.8	7863.5	7742.6	7621.7	7010.3	6399.0	4553.8	2708.5
10557.5	67.5°	9656.4	8755.3	7943.4	7131.4	7074.8	7018.0	6436.6	5855.2	4045.8	2236.4
9520.5	70°	8745.1	7969.6	7243.6	6517.4	6492.0	6466.7	5834.2	5201.8	3491.5	1781.3
8208.8	72.5°	7628.1	7047.3	6479.2	5911.1	5892.9	5874.7	5148.9	4423.2	2890.7	1358.3
6777.1	75°	6368.2	5959.4	5517.4	5075.4	5007.9	4940.5	4189.4	3438.3	2201.9	965.6
5303.9	77.5°	5013.9	4724.0	4388.0	4052.0	3955.5	3858.9	3157.7	2456.6	1541.1	625.7
3839.4	80°	3687.2	3534.9	3281.2	3027.5	2907.5	2787.6	2197.7	1607.8	992.9	378.0
2485.6	82.5°	2422.1	2358.6	2183.9	2009.3	1875.2	1741.2	1337.9	934.6	574.7	214.8
1426.3	85°	1390.3	1354.2	1210.8	1067.2	953.3	839.3	625.2	411.2	258.5	105.9
548.0	87.5°	545.0	541.9	470.1	398.4	334.8	271.2	199.2	127.3	84.7	42.0
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°
1543.0	0°	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0
1620.3	2.5°	1606.8	1593.2	1579.6	1566.5	1553.5	1540.9	1526.9	1515.5	1504.2	1494.0
1699.9	5°	1671.9	1643.7	1615.5	1589.2	1562.8	1538.0	1513.4	1491.9	1470.5	1452.5
1774.1	7.5°	1731.3	1689.5	1647.8	1611.0	1574.2	1540.3	1508.5	1480.0	1451.5	1427.8
1832.0	10°	1775.4	1724.7	1674.0	1630.5	1586.9	1545.1	1510.9	1480.8	1450.7	1427.1
1871.8	12.5°	1807.6	1747.8	1688.0	1638.8	1589.6	1545.6	1513.9	1489.2	1464.7	1449.0
1896.7	15°	1827.1	1758.2	1689.3	1632.4	1575.4	1526.7	1501.2	1489.5	1477.7	1479.9
1908.6	17.5°	1832.6	1752.7	1672.8	1604.3	1535.8	1478.4	1462.8	1467.1	1471.3	1497.2
1917.9	20°	1834.4	1737.5	1640.7	1555.8	1470.9	1404.1	1400.0	1420.1	1440.3	1485.1
1930.4	22.5°	1836.8	1719.0	1601.1	1498.9	1396.6	1320.7	1328.8	1358.5	1388.3	1439.5
1953.2	25°	1846.1	1700.6	1555.1	1435.3	1315.6	1237.8	1259.7	1294.0	1328.4	1374.4
1988.7	27.5°	1865.7	1688.3	1511.0	1377.3	1243.5	1172.6	1199.3	1232.4	1265.6	1303.4
2034.7	30°	1892.4	1682.6	1472.6	1328.7	1184.8	1125.3	1146.2	1172.5	1198.9	1230.2
2082.7	32.5°	1915.5	1675.5	1435.3	1286.8	1138.3	1090.3	1099.6	1115.2	1130.8	1155.8
2137.4	35°	1932.5	1662.1	1391.9	1245.7	1099.5	1059.5	1055.7	1060.0	1064.3	1083.4
2198.7	37.5°	1942.5	1639.2	1335.9	1197.3	1058.7	1023.7	1009.6	1004.9	1000.2	1013.9
2276.5	40°	1948.9	1607.6	1266.5	1139.5	1012.5	980.8	959.2	948.5	937.8	947.6
2378.3	42.5°	1960.9	1575.1	1189.4	1075.7	962.0	932.8	905.6	891.4	877.2	885.2
2512.2	45°	1982.0	1544.8	1107.7	1008.0	908.3	878.7	852.3	838.5	824.7	831.4
2654.9	47.5°	1996.5	1519.8	1043.1	954.4	865.6	827.4	804.8	793.2	781.6	788.0
2787.3	50°	1987.1	1492.6	998.1	918.8	839.5	789.3	762.9	752.6	742.4	752.3
2873.3	52.5°	1928.7	1446.6	964.5	895.4	826.3	768.5	731.7	721.5	711.4	726.4
2854.3	55°	1808.2	1370.3	932.4	878.4	824.3	770.6	715.1	699.0	683.0	704.2
2721.0	57.5°	1629.1	1262.8	896.4	858.2	820.0	772.7	705.2	681.7	658.3	681.1
2472.9	60°	1388.9	1123.2	857.5	827.4	797.4	766.2	695.8	665.4	635.0	655.1
2137.3	62.5°	1118.3	956.1	793.9	773.9	754.0	750.2	684.9	646.9	609.0	621.7
1795.0	65°	881.5	805.8	730.0	720.6	711.2	711.7	662.0	621.6	581.1	586.0
1459.6	67.5°	682.8	661.3	639.8	645.0	650.2	648.9	621.0	587.4	553.7	552.2
1149.2	70°	517.2	523.3	529.4	553.8	578.2	578.2	569.0	545.1	521.2	515.8
878.6	72.5°	398.9	417.5	436.1	470.7	505.2	511.0	511.1	494.7	478.3	470.5
637.7	75°	309.8	326.6	343.4	382.1	420.9	447.6	445.4	432.8	420.1	412.6
432.1	77.5°	238.5	249.9	261.4	299.0	336.6	380.7	379.5	369.4	359.3	351.7
278.4	80°	178.8	183.5	188.3	220.1	251.9	304.6	304.5	296.0	287.5	281.1
171.2	82.5°	127.8	128.6	129.5	153.0	176.4	221.4	223.9	219.8	215.6	211.1
91.5	85°	77.3	76.9	76.4	93.6	110.7	144.2	147.4	143.0	138.5	133.5
38.0	87.5°	33.9	33.5	33.0	40.0	47.1	61.0	65.1	63.4	61.6	60.6
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):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
1543.0	0°	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0
1483.8	2.5°	1474.8	1465.9	1456.9	1448.0	1441.0	1434.0	1428.4	1422.8	1418.4	1414.0
1434.5	5°	1418.6	1402.8	1388.4	1373.9	1362.9	1351.7	1344.0	1336.2	1330.7	1325.2
1404.1	7.5°	1384.2	1364.2	1346.5	1328.9	1315.7	1302.6	1293.4	1284.1	1277.8	1271.5
1403.4	10°	1381.9	1360.3	1340.5	1320.7	1304.9	1289.1	1278.8	1268.4	1262.4	1256.4
1433.3	12.5°	1416.4	1399.6	1379.0	1358.5	1338.4	1318.3	1305.0	1291.6	1285.0	1278.3
1482.0	15°	1477.6	1473.2	1455.4	1437.6	1408.9	1380.3	1360.0	1339.8	1330.5	1321.2
1523.0	17.5°	1536.7	1550.4	1536.0	1521.7	1483.7	1445.8	1415.9	1386.1	1372.3	1358.5
1530.0	20°	1558.7	1587.4	1580.8	1574.1	1530.7	1487.3	1450.7	1414.2	1396.6	1379.0
1490.8	22.5°	1528.1	1565.5	1569.5	1573.5	1532.0	1490.6	1452.9	1415.2	1396.7	1378.1
1420.4	25°	1457.2	1494.0	1507.7	1521.4	1487.4	1453.5	1419.9	1386.6	1370.4	1354.4
1341.2	27.5°	1370.7	1400.2	1415.4	1430.8	1406.6	1382.4	1356.4	1330.4	1319.6	1308.8
1261.6	30°	1286.1	1310.6	1323.0	1335.5	1317.0	1298.6	1280.0	1261.3	1255.8	1250.2
1180.9	32.5°	1204.4	1227.9	1241.7	1255.5	1238.6	1221.6	1206.7	1191.9	1188.3	1184.7
1102.5	35°	1125.7	1148.9	1165.5	1182.1	1170.0	1158.0	1144.3	1130.6	1125.1	1119.6
1027.6	37.5°	1050.7	1073.9	1094.4	1114.9	1109.3	1103.8	1091.2	1078.5	1068.5	1058.5
957.5	40°	979.9	1002.3	1025.9	1049.5	1050.8	1052.1	1041.4	1030.7	1016.1	1001.7
893.3	42.5°	914.5	935.8	961.3	986.7	993.5	1000.3	991.3	982.3	964.2	946.2
838.3	45°	858.4	878.5	904.9	931.4	941.1	950.9	942.7	934.6	913.9	893.3
794.3	47.5°	814.0	833.7	859.7	885.8	897.0	908.3	902.6	896.9	878.5	860.2
762.3	50°	780.9	799.4	822.8	846.1	860.5	875.0	874.6	874.4	859.7	845.0
741.3	52.5°	758.3	775.3	797.1	818.9	836.0	853.1	856.2	859.2	847.3	835.3
725.4	55°	743.8	762.1	781.2	800.2	818.3	836.5	840.8	845.0	834.6	824.2
704.0	57.5°	725.5	747.1	765.9	784.8	803.1	821.3	825.7	830.0	819.5	808.9
675.1	60°	699.8	724.6	743.7	762.9	781.3	799.6	804.4	809.1	798.8	788.5
634.4	62.5°	663.3	692.2	712.6	733.0	749.8	766.6	771.2	775.8	766.5	757.2
590.9	65°	621.8	652.8	672.3	691.9	706.7	721.5	726.1	730.8	721.8	712.9
550.6	67.5°	579.2	607.8	626.3	644.8	657.6	670.4	674.9	679.4	671.2	663.0
510.5	70°	535.6	560.7	576.7	592.7	604.2	615.8	620.2	624.5	617.8	611.2
462.7	72.5°	482.5	502.2	516.7	531.1	542.4	553.7	558.9	564.1	558.6	553.0
405.1	75°	419.8	434.5	447.6	460.6	470.9	481.3	486.7	492.1	489.4	486.7
344.1	77.5°	356.1	368.0	379.2	390.5	401.3	412.1	417.2	422.3	418.5	414.6
274.7	80°	284.7	294.6	304.0	313.5	321.7	329.9	336.7	343.4	341.8	340.2
206.6	82.5°	205.8	205.0	201.7	198.3	215.9	233.4	244.9	256.4	255.7	254.9
128.5	85°	124.2	119.9	110.7	101.5	117.9	134.4	148.6	162.8	161.6	160.5
59.7	87.5°	59.5	59.3	52.3	45.3	52.2	59.1	64.8	70.6	69.2	67.6
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):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
1543.0	0°	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0
1410.0	2.5°	1405.9	1400.9	1405.9	1410.0	1414.0	1418.4	1422.8	1428.4	1434.0	1441.0
1321.0	5°	1316.8	1312.7	1316.8	1321.0	1325.2	1330.7	1336.2	1344.0	1351.7	1362.9
1267.7	7.5°	1264.0	1261.1	1264.0	1267.7	1271.5	1277.8	1284.1	1293.4	1302.6	1315.7
1253.2	10°	1250.0	1248.7	1250.0	1253.2	1256.4	1262.4	1268.4	1278.8	1289.1	1304.9
1275.6	12.5°	1272.9	1272.4	1272.9	1275.6	1278.3	1285.0	1291.6	1305.0	1318.3	1338.4
1317.7	15°	1314.1	1313.8	1314.1	1317.7	1321.2	1330.5	1339.8	1360.0	1380.3	1408.9
1354.0	17.5°	1349.5	1348.8	1349.5	1354.0	1358.5	1372.3	1386.1	1415.9	1445.8	1483.7
1373.4	20°	1367.7	1365.9	1367.7	1373.4	1379.0	1396.6	1414.2	1450.7	1487.3	1530.7
1371.9	22.5°	1365.7	1363.0	1365.7	1371.9	1378.1	1396.7	1415.2	1452.9	1490.6	1532.0
1348.5	25°	1342.7	1339.3	1342.7	1348.5	1354.4	1370.4	1386.6	1419.9	1453.5	1487.4
1306.1	27.5°	1303.5	1302.6	1303.5	1306.1	1308.8	1319.6	1330.4	1356.4	1382.4	1406.6
1250.2	30°	1250.2	1251.1	1250.2	1250.2	1250.2	1255.8	1261.3	1280.0	1298.6	1317.0
1185.1	32.5°	1185.7	1186.5	1185.7	1185.1	1184.7	1188.3	1191.9	1206.7	1221.6	1238.6
1118.5	35°	1117.3	1116.7	1117.3	1118.5	1119.6	1125.1	1130.6	1144.3	1158.0	1170.0
1053.3	37.5°	1048.0	1045.0	1048.0	1053.3	1058.5	1068.5	1078.5	1091.2	1103.8	1109.3
991.9	40°	982.2	976.4	982.2	991.9	1001.7	1016.1	1030.7	1041.4	1052.1	1050.8
931.9	42.5°	917.6	908.3	917.6	931.9	946.2	964.2	982.3	991.3	1000.3	993.5
876.6	45°	859.8	849.1	859.8	876.6	893.3	913.9	934.6	942.7	950.9	941.1
844.7	47.5°	829.2	818.9	829.2	844.7	860.2	878.5	896.9	902.6	908.3	897.0
830.7	50°	816.4	806.4	816.4	830.7	845.0	859.7	874.4	874.6	875.0	860.5
822.5	52.5°	809.7	800.5	809.7	822.5	835.3	847.3	859.2	856.2	853.1	836.0
812.9	55°	801.7	793.4	801.7	812.9	824.2	834.6	845.0	840.8	836.5	818.3
797.8	57.5°	786.6	778.0	786.6	797.8	808.9	819.5	830.0	825.7	821.3	803.1
777.1	60°	765.6	756.7	765.6	777.1	788.5	798.8	809.1	804.4	799.6	781.3
745.1	62.5°	733.0	722.3	733.0	745.1	757.2	766.5	775.8	771.2	766.6	749.8
701.2	65°	689.5	680.3	689.5	701.2	712.9	721.8	730.8	726.1	721.5	706.7
652.1	67.5°	641.2	632.9	641.2	652.1	663.0	671.2	679.4	674.9	670.4	657.6
600.7	70°	590.3	580.8	590.3	600.7	611.2	617.8	624.5	620.2	615.8	604.2
543.1	72.5°	533.2	524.0	533.2	543.1	553.0	558.6	564.1	558.9	553.7	542.4
478.3	75°	470.0	461.2	470.0	478.3	486.7	489.4	492.1	486.7	481.3	470.9
406.2	77.5°	397.8	390.8	397.8	406.2	414.6	418.5	422.3	417.2	412.1	401.3
328.8	80°	317.5	304.3	317.5	328.8	340.2	341.8	343.4	336.7	329.9	321.7
245.4	82.5°	235.8	227.4	235.8	245.4	254.9	255.7	256.4	244.9	233.4	215.9
153.0	85°	145.5	138.0	145.5	153.0	160.5	161.6	162.8	148.6	134.4	117.9
63.8	87.5°	59.9	56.2	59.9	63.8	67.6	69.2	70.6	64.8	59.1	52.2
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
1543.0	0°	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0
1448.0	2.5°	1456.9	1465.9	1474.8	1483.8	1494.0	1504.2	1515.5	1526.9	1540.9	1553.5
1373.9	5°	1388.4	1402.8	1418.6	1434.5	1452.5	1470.5	1491.9	1513.4	1538.0	1562.8
1328.9	7.5°	1346.5	1364.2	1384.2	1404.1	1427.8	1451.5	1480.0	1508.5	1540.3	1574.2
1320.7	10°	1340.5	1360.3	1381.9	1403.4	1427.1	1450.7	1480.8	1510.9	1545.1	1586.9
1358.5	12.5°	1379.0	1399.6	1416.4	1433.3	1449.0	1464.7	1489.2	1513.9	1545.6	1589.6
1437.6	15°	1455.4	1473.2	1477.6	1482.0	1479.9	1477.7	1489.5	1501.2	1526.7	1575.4
1521.7	17.5°	1536.0	1550.4	1536.7	1523.0	1497.2	1471.3	1467.1	1462.8	1478.4	1535.8
1574.1	20°	1580.8	1587.4	1558.7	1530.0	1485.1	1440.3	1420.1	1400.0	1404.1	1470.9
1573.5	22.5°	1569.5	1565.5	1528.1	1490.8	1439.5	1388.3	1358.5	1328.8	1320.7	1396.6
1521.4	25°	1507.7	1494.0	1457.2	1420.4	1374.4	1328.4	1294.0	1259.7	1237.8	1315.6
1430.8	27.5°	1415.4	1400.2	1370.7	1341.2	1303.4	1265.6	1232.4	1199.3	1172.6	1243.5
1335.5	30°	1323.0	1310.6	1286.1	1261.6	1230.2	1198.9	1172.5	1146.2	1125.3	1184.8
1255.5	32.5°	1241.7	1227.9	1204.4	1180.9	1155.8	1130.8	1115.2	1099.6	1090.3	1138.3
1182.1	35°	1165.5	1148.9	1125.7	1102.5	1083.4	1064.3	1060.0	1055.7	1059.5	1099.5
1114.9	37.5°	1094.4	1073.9	1050.7	1027.6	1013.9	1000.2	1004.9	1009.6	1023.7	1058.7
1049.5	40°	1025.9	1002.3	979.9	957.5	947.6	937.8	948.5	959.2	980.8	1012.5
986.7	42.5°	961.3	935.8	914.5	893.3	885.2	877.2	891.4	905.6	932.8	962.0
931.4	45°	904.9	878.5	858.4	838.3	831.4	824.7	838.5	852.3	878.7	908.3
885.8	47.5°	859.7	833.7	814.0	794.3	788.0	781.6	793.2	804.8	827.4	865.6
846.1	50°	822.8	799.4	780.9	762.3	752.3	742.4	752.6	762.9	789.3	839.5
818.9	52.5°	797.1	775.3	758.3	741.3	726.4	711.4	721.5	731.7	768.5	826.3
800.2	55°	781.2	762.1	743.8	725.4	704.2	683.0	699.0	715.1	770.6	824.3
784.8	57.5°	765.9	747.1	725.5	704.0	681.1	658.3	681.7	705.2	772.7	820.0
762.9	60°	743.7	724.6	699.8	675.1	655.1	635.0	665.4	695.8	766.2	797.4
733.0	62.5°	712.6	692.2	663.3	634.4	621.7	609.0	646.9	684.9	750.2	754.0
691.9	65°	672.3	652.8	621.8	590.9	586.0	581.1	621.6	662.0	711.7	711.2
644.8	67.5°	626.3	607.8	579.2	550.6	552.2	553.7	587.4	621.0	648.9	650.2
592.7	70°	576.7	560.7	535.6	510.5	515.8	521.2	545.1	569.0	578.2	578.2
531.1	72.5°	516.7	502.2	482.5	462.7	470.5	478.3	494.7	511.1	511.0	505.2
460.6	75°	447.6	434.5	419.8	405.1	412.6	420.1	432.8	445.4	447.6	420.9
390.5	77.5°	379.2	368.0	356.1	344.1	351.7	359.3	369.4	379.5	380.7	336.6
313.5	80°	304.0	294.6	284.7	274.7	281.1	287.5	296.0	304.5	304.6	251.9
198.3	82.5°	201.7	205.0	205.8	206.6	211.1	215.6	219.8	223.9	221.4	176.4
101.5	85°	110.7	119.9	124.2	128.5	133.5	138.5	143.0	147.4	144.2	110.7
45.3	87.5°	52.3	59.3	59.5	59.7	60.6	61.6	63.4	65.1	61.0	47.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

325°		330°	335°	340°	345°	350°	355°	360°
1543.0	0°	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0	1543.0
1566.5	2.5°	1579.6	1593.2	1606.8	1620.3	1633.9	1646.6	1659.3
1589.2	5°	1615.5	1643.7	1671.9	1699.9	1728.0	1756.1	1784.3
1611.0	7.5°	1647.8	1689.5	1731.3	1774.1	1817.0	1863.4	1909.8
1630.5	10°	1674.0	1724.7	1775.4	1832.0	1888.6	1947.3	2006.0
1638.8	12.5°	1688.0	1747.8	1807.6	1871.8	1936.0	2000.4	2064.9
1632.4	15°	1689.3	1758.2	1827.1	1896.7	1966.3	2033.5	2100.7
1604.3	17.5°	1672.8	1752.7	1832.6	1908.6	1984.6	2052.7	2120.9
1555.8	20°	1640.7	1737.5	1834.4	1917.9	2001.4	2072.3	2143.1
1498.9	22.5°	1601.1	1719.0	1836.8	1930.4	2024.1	2096.5	2168.8
1435.3	25°	1555.1	1700.6	1846.1	1953.2	2060.2	2131.0	2202.0
1377.3	27.5°	1511.0	1688.3	1865.7	1988.7	2111.7	2179.4	2247.0
1328.7	30°	1472.6	1682.6	1892.4	2034.7	2177.0	2242.3	2307.7
1286.8	32.5°	1435.3	1675.5	1915.5	2082.7	2249.9	2314.6	2379.3
1245.7	35°	1391.9	1662.1	1932.5	2137.4	2342.4	2404.4	2466.3
1197.3	37.5°	1335.9	1639.2	1942.5	2198.7	2454.9	2533.9	2612.9
1139.5	40°	1266.5	1607.6	1948.9	2276.5	2604.1	2719.2	2834.3
1075.7	42.5°	1189.4	1575.1	1960.9	2378.3	2795.7	2961.9	3128.0
1008.0	45°	1107.7	1544.8	1982.0	2512.2	3042.4	3266.6	3490.7
954.4	47.5°	1043.1	1519.8	1996.5	2654.9	3313.3	3628.8	3944.2
918.8	50°	998.1	1492.6	1987.1	2787.3	3587.6	4063.2	4538.7
895.4	52.5°	964.5	1446.6	1928.7	2873.3	3817.8	4519.4	5221.0
878.4	55°	932.4	1370.3	1808.2	2854.3	3900.4	4923.9	5947.5
858.2	57.5°	896.4	1262.8	1629.1	2721.0	3812.9	5210.6	6608.3
827.4	60°	857.5	1123.2	1388.9	2472.9	3556.8	5282.3	7007.7
773.9	62.5°	793.9	956.1	1118.3	2137.3	3156.3	4980.6	6804.9
720.6	65°	730.0	805.8	881.5	1795.0	2708.5	4553.8	6399.0
645.0	67.5°	639.8	661.3	682.8	1459.6	2236.4	4045.8	5855.2
553.8	70°	529.4	523.3	517.2	1149.2	1781.3	3491.5	5201.8
470.7	72.5°	436.1	417.5	398.9	878.6	1358.3	2890.7	4423.2
382.1	75°	343.4	326.6	309.8	637.7	965.6	2201.9	3438.3
299.0	77.5°	261.4	249.9	238.5	432.1	625.7	1541.1	2456.6
220.1	80°	188.3	183.5	178.8	278.4	378.0	992.9	1607.8
153.0	82.5°	129.5	128.6	127.8	171.2	214.8	574.7	934.6
93.6	85°	76.4	76.9	77.3	91.5	105.9	258.5	411.2
40.0	87.5°	33.0	33.5	33.9	38.0	42.0	84.7	127.3
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)