

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: P948347

Luminaire Tested: **GALN-SB3B-935-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P948347  
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-SB3B-935-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 90 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

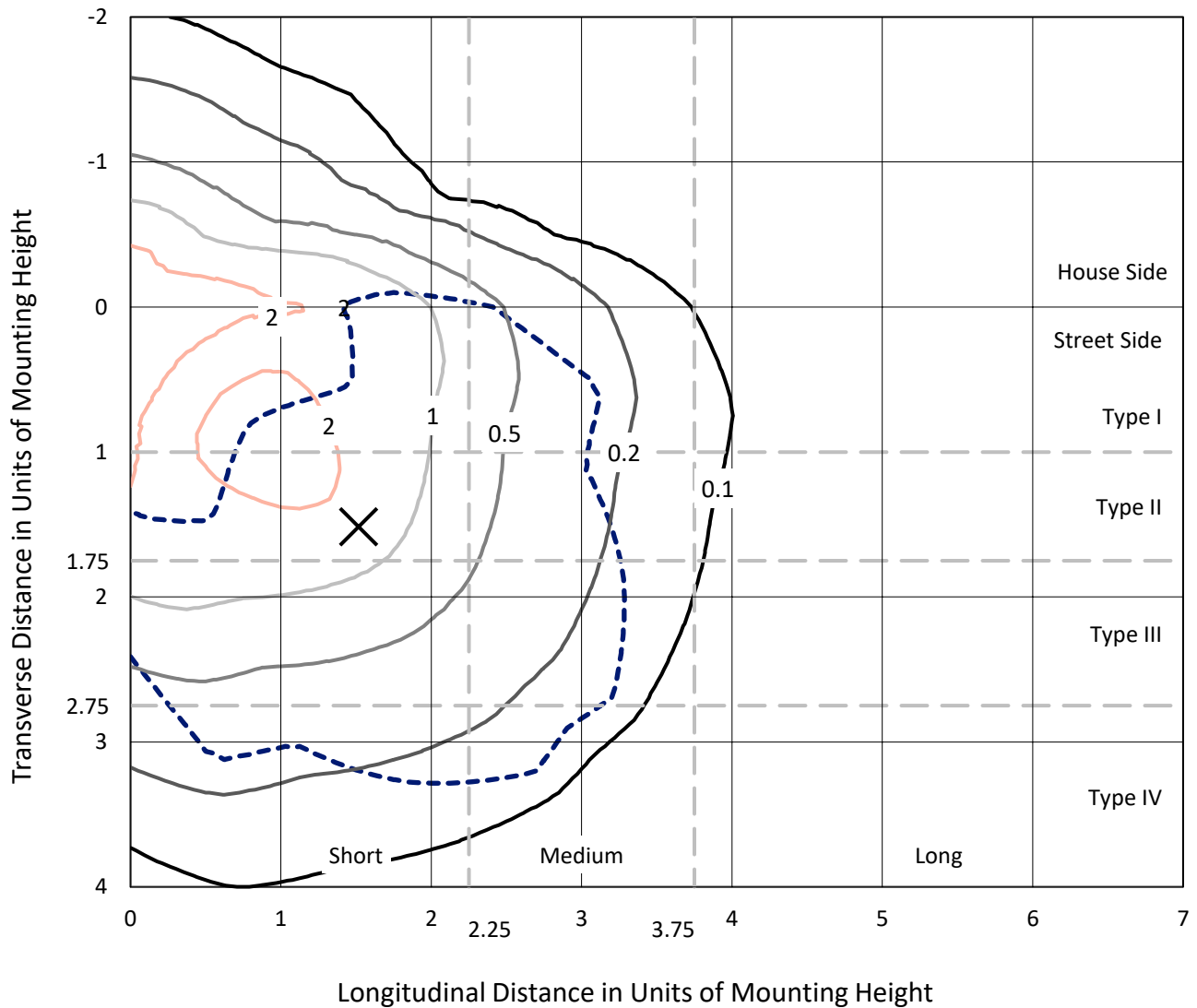
Lumens per Lamp: N/A  
Luminaire Lumens: 11711 lumens  
Efficiency: N/A  
Efficacy: 107.2 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G3  
  
Input Watts (W): 109.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

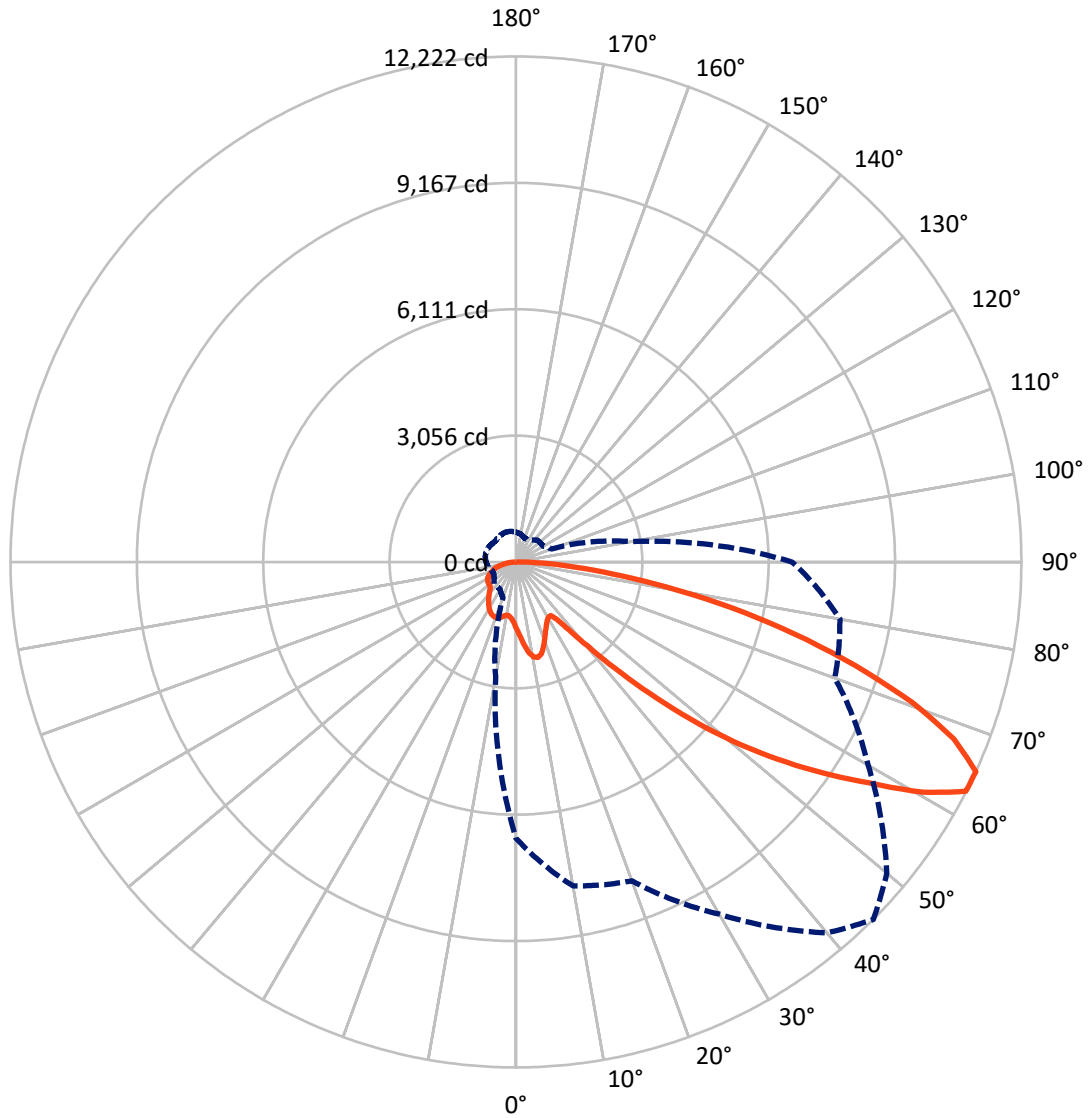
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.6 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	2976.3	0.0	2976.3
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	8734.7	0.0	8734.7
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	11711.0	0.0	11711.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	159.7	1.4
10°-20°	501.5	4.3
20°-30°	774.6	6.6
30°-40°	981.6	8.4
40°-50°	1480.5	12.6
50°-60°	2392.0	20.4
60°-70°	2982.0	25.5
70°-80°	1955.5	16.7
80°-90°	483.4	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°	11711.0	100.0
0°-180°	11711.0	100.0

**Coefficient of Utilization**



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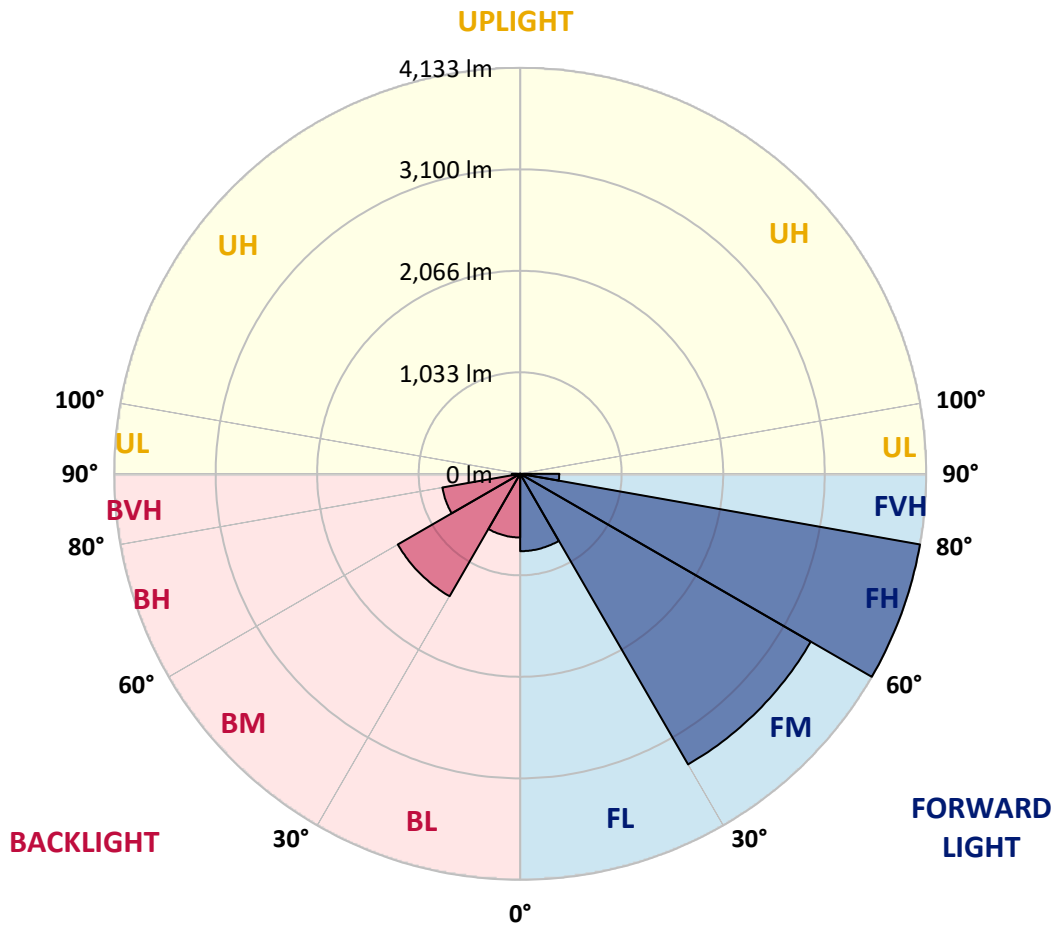
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	787.7	6.7			
FM (30°-60°)	3415.8	29.2			
FH (60°-80°)	4132.9	35.3			G2/5000
FVH (80°-90°)	398.3	3.4			G3/500
BL (0°-30°)	648.1	5.5	B2/1000		
BM (30°-60°)	1438.4	12.3	B2/2500		
BH (60°-80°)	804.7	6.9	B2/1000		G2/1000
BVH (80°-90°)	85.2	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°	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4
2.5°	1731.8	1738.3	1745.0	1754.3	1763.6	1769.2	1774.7	1777.5	1780.3	1779.1
5°	1862.2	1885.1	1908.1	1930.8	1953.6	1966.0	1978.3	1985.8	1993.4	1999.1
7.5°	1993.2	2030.5	2067.8	2101.3	2134.9	2155.1	2175.3	2186.2	2197.1	2202.4
10°	2093.6	2137.7	2181.8	2221.2	2260.6	2284.4	2308.1	2318.8	2329.3	2333.4
12.5°	2155.1	2202.9	2250.7	2286.3	2321.7	2339.0	2356.3	2362.2	2368.0	2368.6
15°	2192.5	2233.7	2275.0	2297.3	2319.6	2320.3	2320.9	2314.7	2308.5	2301.2
17.5°	2213.5	2241.3	2269.2	2269.6	2270.0	2245.0	2220.0	2197.0	2174.1	2157.9
20°	2236.7	2246.4	2256.1	2226.8	2197.4	2142.2	2086.9	2046.7	2006.5	1981.7
22.5°	2263.5	2250.8	2238.1	2177.3	2116.5	2035.2	1953.9	1903.6	1853.3	1826.0
25°	2298.1	2258.0	2217.8	2125.5	2033.2	1934.5	1835.8	1782.9	1730.1	1704.3
27.5°	2345.1	2273.3	2201.4	2079.1	1956.9	1847.5	1738.2	1686.1	1634.2	1609.7
30°	2408.4	2301.3	2194.3	2043.8	1893.3	1779.3	1665.4	1617.1	1568.8	1546.1
32.5°	2483.2	2336.6	2190.0	2019.7	1849.4	1742.3	1635.2	1597.3	1559.4	1543.0
35°	2574.0	2394.6	2215.2	2037.7	1860.3	1785.9	1711.6	1702.7	1693.9	1692.5
37.5°	2727.0	2515.9	2304.8	2143.5	1982.2	1977.4	1972.6	2013.0	2053.4	2074.4
40°	2958.1	2728.5	2499.0	2379.0	2259.1	2343.7	2428.4	2526.7	2624.9	2673.8
42.5°	3264.6	3036.8	2809.1	2740.0	2670.9	2855.5	3040.2	3218.9	3397.6	3502.5
45°	3643.1	3438.5	3233.8	3203.4	3172.8	3468.6	3764.5	4058.2	4351.9	4530.2
47.5°	4116.4	3917.4	3718.3	3712.1	3705.9	4132.7	4559.3	4989.2	5419.1	5671.5
50°	4736.9	4491.0	4245.2	4246.2	4247.3	4797.2	5347.2	5914.7	6482.1	6825.2
52.5°	5449.0	5151.3	4853.6	4823.6	4793.4	5450.3	6107.3	6809.4	7511.4	7922.7
55°	6207.3	5913.1	5619.0	5501.6	5384.3	6115.4	6846.5	7683.5	8520.5	9009.6
57.5°	6896.9	6736.7	6576.5	6341.1	6105.8	6844.0	7582.3	8530.4	9478.3	10084.9
60°	7313.7	7562.5	7811.3	7519.0	7226.7	7925.4	8624.0	9639.1	10654.1	11309.6
62.5°	7102.0	7781.8	8461.6	8428.7	8395.7	9035.7	9675.8	10641.5	11607.2	12213.1
65°	6678.4	7316.5	7954.5	8080.7	8206.9	9020.3	9833.7	10770.1	11706.5	12222.3
67.5°	6110.9	6717.7	7324.5	7383.7	7442.8	8290.3	9137.7	10078.1	11018.6	11422.7
70°	5429.0	6089.0	6749.1	6775.5	6802.0	7559.9	8317.7	9127.0	9936.2	10160.9
72.5°	4616.4	5373.8	6131.2	6150.3	6169.2	6762.2	7355.1	7961.2	8567.3	8590.0
75°	3588.4	4372.3	5156.3	5226.6	5297.0	5758.3	6219.6	6646.3	7073.0	6958.7
77.5°	2563.9	3295.6	4027.5	4128.2	4228.9	4579.6	4930.3	5232.9	5535.5	5339.0
80°	1678.0	2293.7	2909.3	3034.5	3159.7	3424.5	3689.3	3848.2	4007.1	3691.0
82.5°	975.4	1396.3	1817.3	1957.1	2097.0	2279.3	2461.6	2527.9	2594.1	2345.7
85°	429.2	652.5	875.9	994.9	1113.8	1263.6	1413.4	1451.0	1488.6	1289.7
87.5°	132.9	207.9	283.0	349.4	415.8	490.6	565.5	568.8	571.9	480.1
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°
1610.4	0°	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4
1780.3	2.5°	1777.5	1774.7	1769.2	1763.6	1754.3	1745.0	1738.3	1731.8	1718.5	1705.2
1993.4	5°	1985.8	1978.3	1966.0	1953.6	1930.8	1908.1	1885.1	1862.2	1832.8	1803.5
2197.1	7.5°	2186.2	2175.3	2155.1	2134.9	2101.3	2067.8	2030.5	1993.2	1944.7	1896.3
2329.3	10°	2318.8	2308.1	2284.4	2260.6	2221.2	2181.8	2137.7	2093.6	2032.4	1971.1
2368.0	12.5°	2362.2	2356.3	2339.0	2321.7	2286.3	2250.7	2202.9	2155.1	2087.8	2020.6
2308.5	15°	2314.7	2320.9	2320.3	2319.6	2297.3	2275.0	2233.7	2192.5	2122.3	2052.2
2174.1	17.5°	2197.0	2220.0	2245.0	2270.0	2269.6	2269.2	2241.3	2213.5	2142.4	2071.2
2006.5	20°	2046.7	2086.9	2142.2	2197.4	2226.8	2256.1	2246.4	2236.7	2162.7	2088.8
1853.3	22.5°	1903.6	1953.9	2035.2	2116.5	2177.3	2238.1	2250.8	2263.5	2188.0	2112.4
1730.1	25°	1782.9	1835.8	1934.5	2033.2	2125.5	2217.8	2258.0	2298.1	2224.1	2150.1
1634.2	27.5°	1686.1	1738.2	1847.5	1956.9	2079.1	2201.4	2273.3	2345.1	2274.5	2203.9
1568.8	30°	1617.1	1665.4	1779.3	1893.3	2043.8	2194.3	2301.3	2408.4	2340.2	2272.1
1559.4	32.5°	1597.3	1635.2	1742.3	1849.4	2019.7	2190.0	2336.6	2483.2	2415.7	2348.2
1693.9	35°	1702.7	1711.6	1785.9	1860.3	2037.7	2215.2	2394.6	2574.0	2509.4	2444.7
2053.4	37.5°	2013.0	1972.6	1977.4	1982.2	2143.5	2304.8	2515.9	2727.0	2644.6	2562.1
2624.9	40°	2526.7	2428.4	2343.7	2259.1	2379.0	2499.0	2728.5	2958.1	2838.0	2717.8
3397.6	42.5°	3218.9	3040.2	2855.5	2670.9	2740.0	2809.1	3036.8	3264.6	3091.2	2917.8
4351.9	45°	4058.2	3764.5	3468.6	3172.8	3203.4	3233.8	3438.5	3643.1	3409.2	3175.3
5419.1	47.5°	4989.2	4559.3	4132.7	3705.9	3712.1	3718.3	3917.4	4116.4	3787.3	3458.0
6482.1	50°	5914.7	5347.2	4797.2	4247.3	4246.2	4245.2	4491.0	4736.9	4240.6	3744.2
7511.4	52.5°	6809.4	6107.3	5450.3	4793.4	4823.6	4853.6	5151.3	5449.0	4716.8	3984.5
8520.5	55°	7683.5	6846.5	6115.4	5384.3	5501.6	5619.0	5913.1	6207.3	5139.0	4070.7
9478.3	57.5°	8530.4	7582.3	6844.0	6105.8	6341.1	6576.5	6736.7	6896.9	5438.2	3979.4
10654.1	60°	9639.1	8624.0	7925.4	7226.7	7519.0	7811.3	7562.5	7313.7	5512.9	3712.1
11607.2	62.5°	10641.5	9675.8	9035.7	8395.7	8428.7	8461.6	7781.8	7102.0	5198.1	3294.1
11706.5	65°	10770.1	9833.7	9020.3	8206.9	8080.7	7954.5	7316.5	6678.4	4752.6	2826.8
11018.6	67.5°	10078.1	9137.7	8290.3	7442.8	7383.7	7324.5	6717.7	6110.9	4222.5	2334.1
9936.2	70°	9127.0	8317.7	7559.9	6802.0	6775.5	6749.1	6089.0	5429.0	3644.0	1859.1
8567.3	72.5°	7961.2	7355.1	6762.2	6169.2	6150.3	6131.2	5373.8	4616.4	3016.9	1417.6
7073.0	75°	6646.3	6219.6	5758.3	5297.0	5226.6	5156.3	4372.3	3588.4	2298.1	1007.7
5535.5	77.5°	5232.9	4930.3	4579.6	4228.9	4128.2	4027.5	3295.6	2563.9	1608.4	653.0
4007.1	80°	3848.2	3689.3	3424.5	3159.7	3034.5	2909.3	2293.7	1678.0	1036.3	394.6
2594.1	82.5°	2527.9	2461.6	2279.3	2097.0	1957.1	1817.3	1396.3	975.4	599.8	224.2
1488.6	85°	1451.0	1413.4	1263.6	1113.8	994.9	875.9	652.5	429.2	269.8	110.5
571.9	87.5°	568.8	565.5	490.6	415.8	349.4	283.0	207.9	132.9	88.4	43.9
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):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
1610.4	0°	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4
1691.1	2.5°	1677.0	1662.8	1648.6	1635.0	1621.4	1608.2	1593.6	1581.7	1569.9	1559.2
1774.2	5°	1745.0	1715.5	1686.1	1658.6	1631.1	1605.1	1579.5	1557.1	1534.7	1515.9
1851.6	7.5°	1806.9	1763.3	1719.7	1681.4	1643.0	1607.6	1574.4	1544.6	1514.9	1490.2
1912.0	10°	1852.9	1800.0	1747.1	1701.7	1656.2	1612.5	1576.9	1545.5	1514.1	1489.4
1953.6	12.5°	1886.6	1824.2	1761.8	1710.4	1659.1	1613.1	1580.0	1554.3	1528.7	1512.2
1979.5	15°	1906.9	1835.0	1763.1	1703.7	1644.2	1593.4	1566.8	1554.5	1542.3	1544.5
1991.9	17.5°	1912.7	1829.2	1745.8	1674.3	1602.8	1543.0	1526.6	1531.1	1535.6	1562.5
2001.6	20°	1914.5	1813.4	1712.3	1623.7	1535.1	1465.5	1461.1	1482.1	1503.1	1549.9
2014.7	22.5°	1917.0	1794.0	1671.0	1564.3	1457.6	1378.3	1386.8	1417.9	1449.0	1502.3
2038.5	25°	1926.8	1774.9	1623.0	1498.0	1373.1	1291.8	1314.7	1350.5	1386.4	1434.4
2075.6	27.5°	1947.1	1762.1	1577.0	1437.4	1297.8	1223.8	1251.6	1286.3	1320.9	1360.3
2123.6	30°	1975.1	1756.1	1537.0	1386.7	1236.5	1174.4	1196.2	1223.7	1251.2	1284.0
2173.7	32.5°	1999.2	1748.7	1498.0	1343.0	1188.0	1137.9	1147.6	1163.9	1180.2	1206.3
2230.8	35°	2016.8	1734.7	1452.7	1300.1	1147.5	1105.8	1101.8	1106.2	1110.8	1130.7
2294.7	37.5°	2027.4	1710.8	1394.2	1249.5	1104.9	1068.4	1053.7	1048.8	1043.8	1058.2
2375.9	40°	2034.0	1677.8	1321.8	1189.2	1056.7	1023.6	1001.1	989.9	978.7	989.0
2482.2	42.5°	2046.5	1643.9	1241.3	1122.7	1004.0	973.6	945.1	930.3	915.5	923.9
2621.9	45°	2068.6	1612.3	1156.1	1052.0	947.9	917.0	889.5	875.1	860.7	867.7
2770.9	47.5°	2083.7	1586.2	1088.7	996.1	903.4	863.6	839.9	827.8	815.7	822.4
2909.0	50°	2073.8	1557.8	1041.7	958.9	876.1	823.7	796.2	785.5	774.8	785.2
2998.8	52.5°	2013.0	1509.8	1006.6	934.5	862.3	802.1	763.7	753.0	742.5	758.1
2979.0	55°	1887.2	1430.2	973.1	916.7	860.3	804.3	746.4	729.5	712.8	735.0
2839.8	57.5°	1700.3	1318.0	935.6	895.7	855.9	806.4	736.0	711.5	687.0	710.9
2580.8	60°	1449.6	1172.2	894.9	863.6	832.2	799.6	726.2	694.5	662.7	683.7
2230.7	62.5°	1167.2	997.9	828.5	807.7	787.0	782.9	714.8	675.2	635.6	648.8
1873.4	65°	920.0	841.0	761.9	752.1	742.3	742.8	690.9	648.7	606.5	611.6
1523.4	67.5°	712.6	690.2	667.7	673.2	678.6	677.3	648.1	613.0	577.9	576.3
1199.4	70°	539.8	546.2	552.6	578.0	603.4	603.4	593.8	568.9	543.9	538.4
917.0	72.5°	416.4	435.7	455.1	491.2	527.2	533.3	533.4	516.3	499.2	491.0
665.5	75°	323.3	340.9	358.4	398.8	439.2	467.2	464.8	451.7	438.4	430.6
451.0	77.5°	248.9	260.8	272.8	312.1	351.3	397.3	396.1	385.5	375.0	367.1
290.6	80°	186.6	191.6	196.5	229.8	262.9	317.9	317.7	308.9	300.0	293.4
178.7	82.5°	133.4	134.2	135.2	159.7	184.1	231.1	233.7	229.4	225.1	220.4
95.5	85°	80.6	80.2	79.7	97.6	115.6	150.5	153.9	149.2	144.6	139.3
39.6	87.5°	35.3	34.9	34.5	41.8	49.1	63.6	68.0	66.1	64.3	63.3
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):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
1610.4	0°	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4
1548.6	2.5°	1539.2	1529.9	1520.5	1511.2	1504.0	1496.7	1490.8	1484.9	1480.3	1475.8
1497.2	5°	1480.6	1464.0	1449.0	1433.9	1422.4	1410.8	1402.7	1394.6	1388.8	1383.1
1465.5	7.5°	1444.6	1423.7	1405.3	1387.0	1373.2	1359.5	1349.8	1340.2	1333.6	1327.0
1464.7	10°	1442.2	1419.7	1399.0	1378.3	1361.9	1345.4	1334.6	1323.8	1317.5	1311.3
1495.9	12.5°	1478.2	1460.7	1439.3	1417.9	1396.9	1375.9	1361.9	1348.0	1341.1	1334.1
1546.7	15°	1542.1	1537.6	1519.0	1500.4	1470.5	1440.6	1419.4	1398.3	1388.6	1378.9
1589.5	17.5°	1603.8	1618.1	1603.1	1588.1	1548.5	1508.9	1477.8	1446.6	1432.3	1417.9
1596.8	20°	1626.7	1656.7	1649.8	1642.8	1597.5	1552.3	1514.1	1476.0	1457.6	1439.2
1555.9	22.5°	1594.9	1633.8	1638.0	1642.2	1598.9	1555.7	1516.4	1477.0	1457.7	1438.3
1482.4	25°	1520.8	1559.2	1573.5	1587.8	1552.3	1516.9	1482.0	1447.1	1430.3	1413.5
1399.8	27.5°	1430.5	1461.3	1477.3	1493.3	1468.0	1442.8	1415.6	1388.5	1377.3	1366.0
1316.7	30°	1342.2	1367.8	1380.8	1393.8	1374.6	1355.3	1335.9	1316.3	1310.6	1304.8
1232.5	32.5°	1257.0	1281.5	1295.9	1310.4	1292.7	1274.9	1259.4	1243.9	1240.2	1236.4
1150.6	35°	1174.8	1199.1	1216.4	1233.7	1221.1	1208.6	1194.2	1180.0	1174.2	1168.5
1072.4	37.5°	1096.6	1120.8	1142.2	1163.6	1157.8	1152.0	1138.8	1125.6	1115.1	1104.8
999.3	40°	1022.7	1046.1	1070.7	1095.3	1096.7	1098.1	1086.9	1075.7	1060.5	1045.4
932.4	42.5°	954.5	976.7	1003.2	1029.8	1036.9	1044.0	1034.6	1025.2	1006.3	987.5
874.9	45°	895.9	916.9	944.5	972.0	982.2	992.4	983.9	975.4	953.9	932.4
829.0	47.5°	849.6	870.1	897.3	924.4	936.2	947.9	942.0	936.1	916.9	897.7
795.6	50°	815.0	834.3	858.7	883.0	898.1	913.2	912.8	912.6	897.3	881.9
773.7	52.5°	791.5	809.2	831.9	854.6	872.5	890.3	893.5	896.8	884.3	871.8
757.1	55°	776.3	795.4	815.3	835.2	854.1	873.0	877.5	881.9	871.1	860.2
734.7	57.5°	757.2	779.7	799.4	819.1	838.2	857.2	861.7	866.2	855.2	844.2
704.6	60°	730.4	756.2	776.2	796.2	815.4	834.5	839.5	844.4	833.7	823.0
662.1	62.5°	692.2	722.4	743.7	765.0	782.6	800.1	804.9	809.6	799.9	790.2
616.7	65°	649.0	681.3	701.7	722.1	737.5	753.0	757.8	762.7	753.3	744.0
574.7	67.5°	604.5	634.3	653.7	672.9	686.3	699.6	704.4	709.1	700.5	692.0
532.8	70°	559.0	585.2	601.9	618.6	630.6	642.7	647.2	651.8	644.8	637.8
482.9	72.5°	503.6	524.1	539.2	554.3	566.1	577.9	583.3	588.8	583.0	577.2
422.8	75°	438.1	453.4	467.1	480.8	491.5	502.3	508.0	513.6	510.8	508.0
359.1	77.5°	371.6	384.1	395.8	407.5	418.8	430.1	435.4	440.7	436.8	432.7
286.7	80°	297.1	307.4	317.3	327.2	335.8	344.3	351.4	358.4	356.7	355.0
215.7	82.5°	214.8	213.9	210.5	207.0	225.3	243.6	255.6	267.6	266.8	266.0
134.1	85°	129.6	125.1	115.6	106.0	123.1	140.3	155.1	169.9	168.7	167.5
62.3	87.5°	62.1	61.9	54.6	47.3	54.4	61.7	67.7	73.7	72.2	70.6
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°
1610.4	0°	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4
1471.6	2.5°	1467.3	1462.1	1467.3	1471.6	1475.8	1480.3	1484.9	1490.8	1496.7	1504.0
1378.7	5°	1374.3	1370.0	1374.3	1378.7	1383.1	1388.8	1394.6	1402.7	1410.8	1422.4
1323.1	7.5°	1319.2	1316.2	1319.2	1323.1	1327.0	1333.6	1340.2	1349.8	1359.5	1373.2
1307.9	10°	1304.6	1303.2	1304.6	1307.9	1311.3	1317.5	1323.8	1334.6	1345.4	1361.9
1331.3	12.5°	1328.5	1328.0	1328.5	1331.3	1334.1	1341.1	1348.0	1361.9	1375.9	1396.9
1375.2	15°	1371.5	1371.2	1371.5	1375.2	1378.9	1388.6	1398.3	1419.4	1440.6	1470.5
1413.2	17.5°	1408.4	1407.7	1408.4	1413.2	1417.9	1432.3	1446.6	1477.8	1508.9	1548.5
1433.3	20°	1427.5	1425.6	1427.5	1433.3	1439.2	1457.6	1476.0	1514.1	1552.3	1597.5
1431.8	22.5°	1425.3	1422.5	1425.3	1431.8	1438.3	1457.7	1477.0	1516.4	1555.7	1598.9
1407.4	25°	1401.4	1397.8	1401.4	1407.4	1413.5	1430.3	1447.1	1482.0	1516.9	1552.3
1363.2	27.5°	1360.4	1359.5	1360.4	1363.2	1366.0	1377.3	1388.5	1415.6	1442.8	1468.0
1304.8	30°	1304.8	1305.7	1304.8	1304.8	1304.8	1310.6	1316.3	1335.9	1355.3	1374.6
1236.9	32.5°	1237.4	1238.4	1237.4	1236.9	1236.4	1240.2	1243.9	1259.4	1274.9	1292.7
1167.3	35°	1166.1	1165.4	1166.1	1167.3	1168.5	1174.2	1180.0	1194.2	1208.6	1221.1
1099.3	37.5°	1093.8	1090.7	1093.8	1099.3	1104.8	1115.1	1125.6	1138.8	1152.0	1157.8
1035.2	40°	1025.0	1019.0	1025.0	1035.2	1045.4	1060.5	1075.7	1086.9	1098.1	1096.7
972.6	42.5°	957.7	947.9	957.7	972.6	987.5	1006.3	1025.2	1034.6	1044.0	1036.9
914.9	45°	897.4	886.1	897.4	914.9	932.4	953.9	975.4	983.9	992.4	982.2
881.6	47.5°	865.4	854.6	865.4	881.6	897.7	916.9	936.1	942.0	947.9	936.2
867.0	50°	852.0	841.6	852.0	867.0	881.9	897.3	912.6	912.8	913.2	898.1
858.4	52.5°	845.0	835.5	845.0	858.4	871.8	884.3	896.8	893.5	890.3	872.5
848.4	55°	836.7	828.0	836.7	848.4	860.2	871.1	881.9	877.5	873.0	854.1
832.6	57.5°	820.9	812.0	820.9	832.6	844.2	855.2	866.2	861.7	857.2	838.2
811.0	60°	799.0	789.7	799.0	811.0	823.0	833.7	844.4	839.5	834.5	815.4
777.6	62.5°	765.0	753.9	765.0	777.6	790.2	799.9	809.6	804.9	800.1	782.6
731.8	65°	719.6	710.0	719.6	731.8	744.0	753.3	762.7	757.8	753.0	737.5
680.6	67.5°	669.2	660.6	669.2	680.6	692.0	700.5	709.1	704.4	699.6	686.3
627.0	70°	616.1	606.2	616.1	627.0	637.8	644.8	651.8	647.2	642.7	630.6
566.8	72.5°	556.5	546.9	556.5	566.8	577.2	583.0	588.8	583.3	577.9	566.1
499.2	75°	490.5	481.4	490.5	499.2	508.0	510.8	513.6	508.0	502.3	491.5
423.9	77.5°	415.1	407.8	415.1	423.9	432.7	436.8	440.7	435.4	430.1	418.8
343.2	80°	331.3	317.6	331.3	343.2	355.0	356.7	358.4	351.4	344.3	335.8
256.1	82.5°	246.1	237.3	246.1	256.1	266.0	266.8	267.6	255.6	243.6	225.3
159.7	85°	151.9	144.0	151.9	159.7	167.5	168.7	169.9	155.1	140.3	123.1
66.6	87.5°	62.5	58.7	62.5	66.6	70.6	72.2	73.7	67.7	61.7	54.4
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°
1610.4	0°	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4
1511.2	2.5°	1520.5	1529.9	1539.2	1548.6	1559.2	1569.9	1581.7	1593.6	1608.2	1621.4
1433.9	5°	1449.0	1464.0	1480.6	1497.2	1515.9	1534.7	1557.1	1579.5	1605.1	1631.1
1387.0	7.5°	1405.3	1423.7	1444.6	1465.5	1490.2	1514.9	1544.6	1574.4	1607.6	1643.0
1378.3	10°	1399.0	1419.7	1442.2	1464.7	1489.4	1514.1	1545.5	1576.9	1612.5	1656.2
1417.9	12.5°	1439.3	1460.7	1478.2	1495.9	1512.2	1528.7	1554.3	1580.0	1613.1	1659.1
1500.4	15°	1519.0	1537.6	1542.1	1546.7	1544.5	1542.3	1554.5	1566.8	1593.4	1644.2
1588.1	17.5°	1603.1	1618.1	1603.8	1589.5	1562.5	1535.6	1531.1	1526.6	1543.0	1602.8
1642.8	20°	1649.8	1656.7	1626.7	1596.8	1549.9	1503.1	1482.1	1461.1	1465.5	1535.1
1642.2	22.5°	1638.0	1633.8	1594.9	1555.9	1502.3	1449.0	1417.9	1386.8	1378.3	1457.6
1587.8	25°	1573.5	1559.2	1520.8	1482.4	1434.4	1386.4	1350.5	1314.7	1291.8	1373.1
1493.3	27.5°	1477.3	1461.3	1430.5	1399.8	1360.3	1320.9	1286.3	1251.6	1223.8	1297.8
1393.8	30°	1380.8	1367.8	1342.2	1316.7	1284.0	1251.2	1223.7	1196.2	1174.4	1236.5
1310.4	32.5°	1295.9	1281.5	1257.0	1232.5	1206.3	1180.2	1163.9	1147.6	1137.9	1188.0
1233.7	35°	1216.4	1199.1	1174.8	1150.6	1130.7	1110.8	1106.2	1101.8	1105.8	1147.5
1163.6	37.5°	1142.2	1120.8	1096.6	1072.4	1058.2	1043.8	1048.8	1053.7	1068.4	1104.9
1095.3	40°	1070.7	1046.1	1022.7	999.3	989.0	978.7	989.9	1001.1	1023.6	1056.7
1029.8	42.5°	1003.2	976.7	954.5	932.4	923.9	915.5	930.3	945.1	973.6	1004.0
972.0	45°	944.5	916.9	895.9	874.9	867.7	860.7	875.1	889.5	917.0	947.9
924.4	47.5°	897.3	870.1	849.6	829.0	822.4	815.7	827.8	839.9	863.6	903.4
883.0	50°	858.7	834.3	815.0	795.6	785.2	774.8	785.5	796.2	823.7	876.1
854.6	52.5°	831.9	809.2	791.5	773.7	758.1	742.5	753.0	763.7	802.1	862.3
835.2	55°	815.3	795.4	776.3	757.1	735.0	712.8	729.5	746.4	804.3	860.3
819.1	57.5°	799.4	779.7	757.2	734.7	710.9	687.0	711.5	736.0	806.4	855.9
796.2	60°	776.2	756.2	730.4	704.6	683.7	662.7	694.5	726.2	799.6	832.2
765.0	62.5°	743.7	722.4	692.2	662.1	648.8	635.6	675.2	714.8	782.9	787.0
722.1	65°	701.7	681.3	649.0	616.7	611.6	606.5	648.7	690.9	742.8	742.3
672.9	67.5°	653.7	634.3	604.5	574.7	576.3	577.9	613.0	648.1	677.3	678.6
618.6	70°	601.9	585.2	559.0	532.8	538.4	543.9	568.9	593.8	603.4	603.4
554.3	72.5°	539.2	524.1	503.6	482.9	491.0	499.2	516.3	533.4	533.3	527.2
480.8	75°	467.1	453.4	438.1	422.8	430.6	438.4	451.7	464.8	467.2	439.2
407.5	77.5°	395.8	384.1	371.6	359.1	367.1	375.0	385.5	396.1	397.3	351.3
327.2	80°	317.3	307.4	297.1	286.7	293.4	300.0	308.9	317.7	317.9	262.9
207.0	82.5°	210.5	213.9	214.8	215.7	220.4	225.1	229.4	233.7	231.1	184.1
106.0	85°	115.6	125.1	129.6	134.1	139.3	144.6	149.2	153.9	150.5	115.6
47.3	87.5°	54.6	61.9	62.1	62.3	63.3	64.3	66.1	68.0	63.6	49.1
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°
1610.4	0°	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4	1610.4
1635.0	2.5°	1648.6	1662.8	1677.0	1691.1	1705.2	1718.5	1731.8
1658.6	5°	1686.1	1715.5	1745.0	1774.2	1803.5	1832.8	1862.2
1681.4	7.5°	1719.7	1763.3	1806.9	1851.6	1896.3	1944.7	1993.2
1701.7	10°	1747.1	1800.0	1852.9	1912.0	1971.1	2032.4	2093.6
1710.4	12.5°	1761.8	1824.2	1886.6	1953.6	2020.6	2087.8	2155.1
1703.7	15°	1763.1	1835.0	1906.9	1979.5	2052.2	2122.3	2192.5
1674.3	17.5°	1745.8	1829.2	1912.7	1991.9	2071.2	2142.4	2213.5
1623.7	20°	1712.3	1813.4	1914.5	2001.6	2088.8	2162.7	2236.7
1564.3	22.5°	1671.0	1794.0	1917.0	2014.7	2112.4	2188.0	2263.5
1498.0	25°	1623.0	1774.9	1926.8	2038.5	2150.1	2224.1	2298.1
1437.4	27.5°	1577.0	1762.1	1947.1	2075.6	2203.9	2274.5	2345.1
1386.7	30°	1537.0	1756.1	1975.1	2123.6	2272.1	2340.2	2408.4
1343.0	32.5°	1498.0	1748.7	1999.2	2173.7	2348.2	2415.7	2483.2
1300.1	35°	1452.7	1734.7	2016.8	2230.8	2444.7	2509.4	2574.0
1249.5	37.5°	1394.2	1710.8	2027.4	2294.7	2562.1	2644.6	2727.0
1189.2	40°	1321.8	1677.8	2034.0	2375.9	2717.8	2838.0	2958.1
1122.7	42.5°	1241.3	1643.9	2046.5	2482.2	2917.8	3091.2	3264.6
1052.0	45°	1156.1	1612.3	2068.6	2621.9	3175.3	3409.2	3643.1
996.1	47.5°	1088.7	1586.2	2083.7	2770.9	3458.0	3787.3	4116.4
958.9	50°	1041.7	1557.8	2073.8	2909.0	3744.2	4240.6	4736.9
934.5	52.5°	1006.6	1509.8	2013.0	2998.8	3984.5	4716.8	5449.0
916.7	55°	973.1	1430.2	1887.2	2979.0	4070.7	5139.0	6207.3
895.7	57.5°	935.6	1318.0	1700.3	2839.8	3979.4	5438.2	6896.9
863.6	60°	894.9	1172.2	1449.6	2580.8	3712.1	5512.9	7313.7
807.7	62.5°	828.5	997.9	1167.2	2230.7	3294.1	5198.1	7102.0
752.1	65°	761.9	841.0	920.0	1873.4	2826.8	4752.6	6678.4
673.2	67.5°	667.7	690.2	712.6	1523.4	2334.1	4222.5	6110.9
578.0	70°	552.6	546.2	539.8	1199.4	1859.1	3644.0	5429.0
491.2	72.5°	455.1	435.7	416.4	917.0	1417.6	3016.9	4616.4
398.8	75°	358.4	340.9	323.3	665.5	1007.7	2298.1	3588.4
312.1	77.5°	272.8	260.8	248.9	451.0	653.0	1608.4	2563.9
229.8	80°	196.5	191.6	186.6	290.6	394.6	1036.3	1678.0
159.7	82.5°	135.2	134.2	133.4	178.7	224.2	599.8	975.4
97.6	85°	79.7	80.2	80.6	95.5	110.5	269.8	429.2
41.8	87.5°	34.5	34.9	35.3	39.6	43.9	88.4	132.9
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)