

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: P950804

Luminaire Tested: **GALN-SB5A-927-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P950804  
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-SB5A-927-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(5) 90 CRI, 2700K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

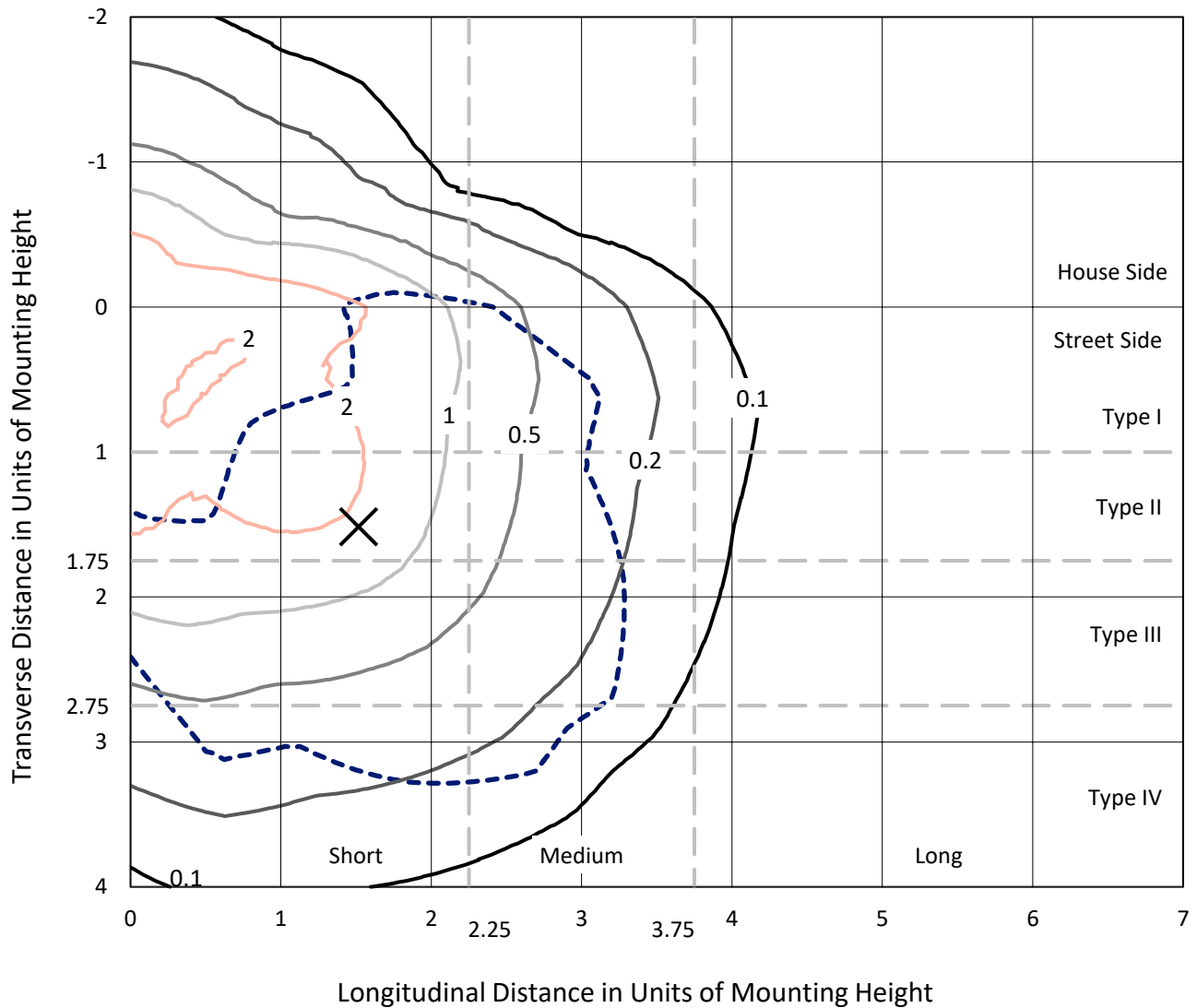
Lumens per Lamp: N/A  
Luminaire Lumens: 13743 lumens  
Efficiency: N/A  
Efficacy: 97.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G3  
  
Input Watts (W): 141.7  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

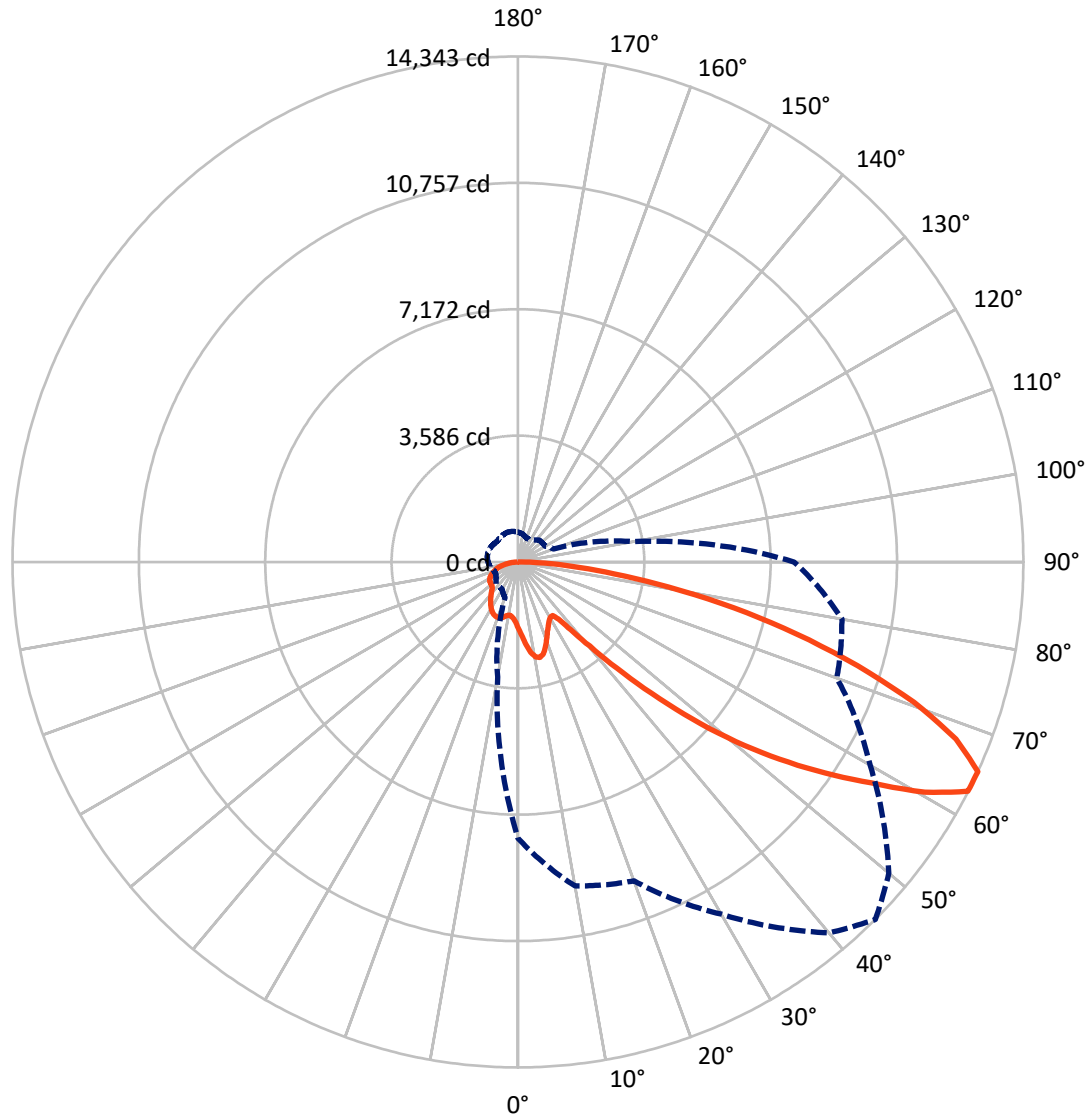
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.2 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	3492.8	0.0	3492.8
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	10250.2	0.0	10250.2
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	13743.0	0.0	13743.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	187.5	1.4
10°-20°	588.5	4.3
20°-30°	909.0	6.6
30°-40°	1152.0	8.4
40°-50°	1737.4	12.6
50°-60°	2807.1	20.4
60°-70°	3499.5	25.5
70°-80°	2294.8	16.7
80°-90°	567.3	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°	13743.0	100.0
0°-180°	13743.0	100.0

**Coefficient of Utilization**



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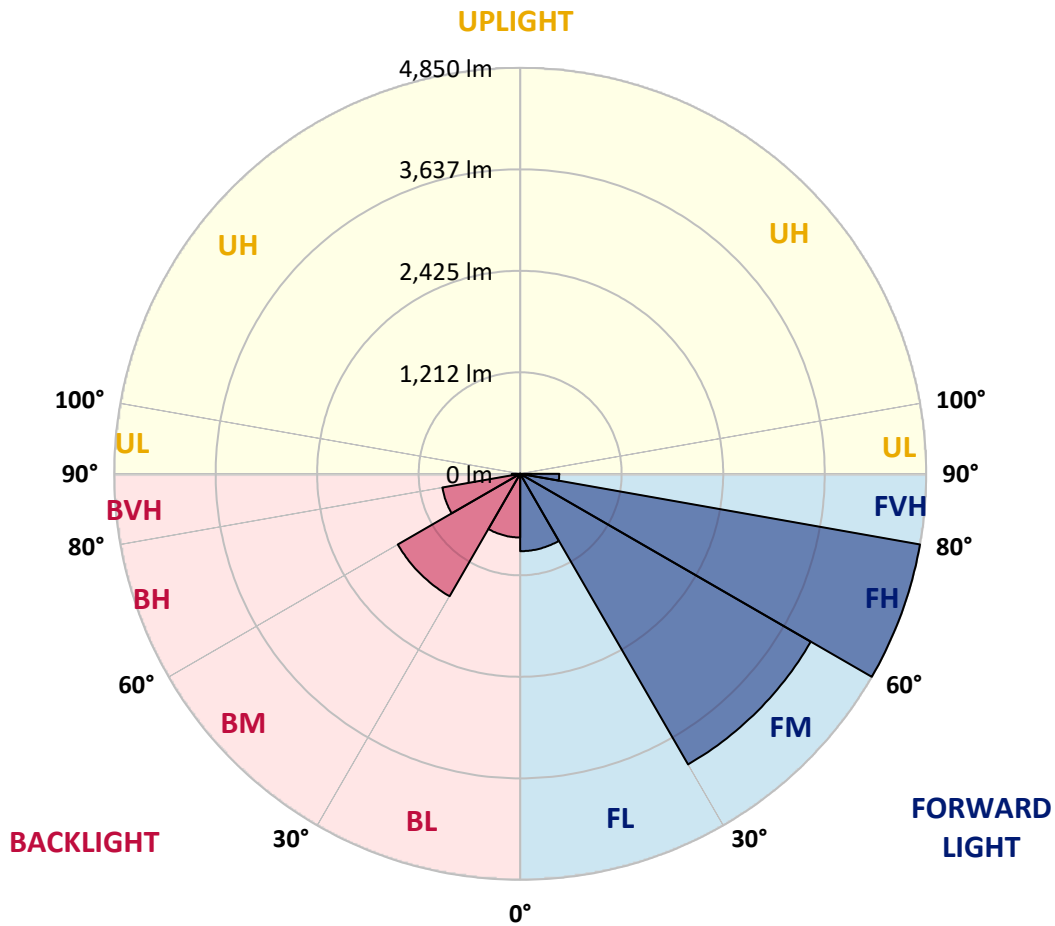
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	924.4	6.7			
FM (30°-60°)	4008.5	29.2			
FH (60°-80°)	4850.0	35.3			G2/5000
FVH (80°-90°)	467.4	3.4			G3/500
BL (0°-30°)	760.6	5.5	B2/1000		
BM (30°-60°)	1687.9	12.3	B2/2500		
BH (60°-80°)	944.3	6.9	B2/1000		G2/1000
BVH (80°-90°)	100.0	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°	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8
2.5°	2032.3	2040.0	2047.7	2058.7	2069.6	2076.1	2082.7	2085.9	2089.2	2087.8
5°	2185.3	2212.2	2239.2	2265.9	2292.6	2307.1	2321.6	2330.4	2339.2	2345.9
7.5°	2339.0	2382.8	2426.5	2465.9	2505.3	2529.0	2552.7	2565.6	2578.3	2584.5
10°	2456.9	2508.6	2560.4	2606.6	2652.8	2680.8	2708.6	2721.1	2733.5	2738.2
12.5°	2529.0	2585.1	2641.2	2683.0	2724.6	2744.9	2765.2	2772.0	2778.8	2779.6
15°	2572.9	2621.3	2669.7	2695.9	2722.1	2722.9	2723.6	2716.3	2709.1	2700.5
17.5°	2597.5	2630.2	2663.0	2663.5	2663.9	2634.5	2605.2	2578.3	2551.3	2532.3
20°	2624.7	2636.1	2647.6	2613.1	2578.7	2513.9	2449.0	2401.8	2354.6	2325.6
22.5°	2656.3	2641.3	2626.4	2555.0	2483.7	2388.3	2293.0	2233.9	2174.9	2142.9
25°	2696.9	2649.8	2602.6	2494.3	2385.9	2270.1	2154.3	2092.2	2030.3	2000.0
27.5°	2752.0	2667.7	2583.4	2439.9	2296.5	2168.1	2039.7	1978.7	1917.7	1889.1
30°	2826.3	2700.7	2575.1	2398.4	2221.8	2088.0	1954.3	1897.7	1841.0	1814.4
32.5°	2914.1	2742.0	2570.0	2370.1	2170.3	2044.6	1918.9	1874.5	1830.0	1810.7
35°	3020.7	2810.1	2599.6	2391.3	2183.1	2095.8	2008.6	1998.2	1987.8	1986.2
37.5°	3200.2	2952.4	2704.7	2515.5	2326.2	2320.5	2314.9	2362.3	2409.7	2434.4
40°	3471.4	3202.0	2932.6	2791.8	2651.1	2750.4	2849.8	2965.1	3080.4	3137.8
42.5°	3831.0	3563.8	3296.5	3215.4	3134.3	3351.0	3567.7	3777.4	3987.1	4110.2
45°	4275.2	4035.1	3794.9	3759.2	3723.4	4070.5	4417.7	4762.3	5107.0	5316.2
47.5°	4830.7	4597.1	4363.5	4356.2	4349.0	4849.8	5350.4	5854.9	6359.3	6655.6
50°	5558.8	5270.2	4981.7	4983.0	4984.2	5629.6	6275.0	6940.9	7606.8	8009.5
52.5°	6394.5	6045.1	5695.8	5660.5	5625.1	6396.0	7167.0	7990.9	8814.7	9297.3
55°	7284.3	6939.1	6593.9	6456.2	6318.5	7176.5	8034.5	9016.7	9998.9	10572.9
57.5°	8093.6	7905.6	7717.6	7441.4	7165.2	8031.6	8897.9	10010.5	11122.9	11834.7
60°	8582.7	8874.6	9166.7	8823.7	8480.7	9300.5	10120.4	11311.6	12502.7	13272.0
62.5°	8334.3	9132.1	9929.8	9891.2	9852.5	10603.5	11354.6	12487.9	13621.1	14332.2
65°	7837.2	8586.0	9334.7	9482.8	9630.9	10585.4	11539.9	12638.8	13737.7	14343.0
67.5°	7171.2	7883.3	8595.4	8664.9	8734.3	9728.7	10723.2	11826.8	12930.4	13404.7
70°	6370.9	7145.5	7920.1	7951.1	7982.3	8871.6	9760.9	10710.6	11660.3	11923.9
72.5°	5417.3	6306.2	7195.1	7217.4	7239.7	7935.5	8631.3	9342.6	10053.8	10080.5
75°	4211.0	5131.0	6050.9	6133.5	6216.1	6757.5	7298.8	7799.5	8300.2	8166.1
77.5°	3008.7	3867.5	4726.3	4844.5	4962.7	5374.2	5785.7	6140.8	6496.0	6265.4
80°	1969.2	2691.7	3414.1	3561.0	3707.9	4018.7	4329.4	4515.9	4702.3	4331.4
82.5°	1144.7	1638.6	2132.6	2296.7	2460.8	2674.8	2888.7	2966.5	3044.2	2752.7
85°	503.6	765.8	1027.9	1167.5	1307.1	1482.9	1658.6	1702.8	1746.9	1513.4
87.5°	155.9	244.0	332.1	410.0	487.9	575.8	663.7	667.4	671.1	563.5
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°
1889.8	0°	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8
2089.2	2.5°	2085.9	2082.7	2076.1	2069.6	2058.7	2047.7	2040.0	2032.3	2016.7	2001.1
2339.2	5°	2330.4	2321.6	2307.1	2292.6	2265.9	2239.2	2212.2	2185.3	2150.8	2116.4
2578.3	7.5°	2565.6	2552.7	2529.0	2505.3	2465.9	2426.5	2382.8	2339.0	2282.2	2225.4
2733.5	10°	2721.1	2708.6	2680.8	2652.8	2606.6	2560.4	2508.6	2456.9	2385.0	2313.1
2778.8	12.5°	2772.0	2765.2	2744.9	2724.6	2683.0	2641.2	2585.1	2529.0	2450.0	2371.1
2709.1	15°	2716.3	2723.6	2722.9	2722.1	2695.9	2669.7	2621.3	2572.9	2490.6	2408.3
2551.3	17.5°	2578.3	2605.2	2634.5	2663.9	2663.5	2663.0	2630.2	2597.5	2514.1	2430.6
2354.6	20°	2401.8	2449.0	2513.9	2578.7	2613.1	2647.6	2636.1	2624.7	2538.0	2451.2
2174.9	22.5°	2233.9	2293.0	2388.3	2483.7	2555.0	2626.4	2641.3	2656.3	2567.7	2479.0
2030.3	25°	2092.2	2154.3	2270.1	2385.9	2494.3	2602.6	2649.8	2696.9	2610.0	2523.2
1917.7	27.5°	1978.7	2039.7	2168.1	2296.5	2439.9	2583.4	2667.7	2752.0	2669.2	2586.3
1841.0	30°	1897.7	1954.3	2088.0	2221.8	2398.4	2575.1	2700.7	2826.3	2746.3	2666.3
1830.0	32.5°	1874.5	1918.9	2044.6	2170.3	2370.1	2570.0	2742.0	2914.1	2834.8	2755.6
1987.8	35°	1998.2	2008.6	2095.8	2183.1	2391.3	2599.6	2810.1	3020.7	2944.8	2868.9
2409.7	37.5°	2362.3	2314.9	2320.5	2326.2	2515.5	2704.7	2952.4	3200.2	3103.4	3006.7
3080.4	40°	2965.1	2849.8	2750.4	2651.1	2791.8	2932.6	3202.0	3471.4	3330.4	3189.4
3987.1	42.5°	3777.4	3567.7	3351.0	3134.3	3215.4	3296.5	3563.8	3831.0	3627.6	3424.1
5107.0	45°	4762.3	4417.7	4070.5	3723.4	3759.2	3794.9	4035.1	4275.2	4000.7	3726.3
6359.3	47.5°	5854.9	5350.4	4849.8	4349.0	4356.2	4363.5	4597.1	4830.7	4444.4	4058.0
7606.8	50°	6940.9	6275.0	5629.6	4984.2	4983.0	4981.7	5270.2	5558.8	4976.4	4393.9
8814.7	52.5°	7990.9	7167.0	6396.0	5625.1	5660.5	5695.8	6045.1	6394.5	5535.2	4675.9
9998.9	55°	9016.7	8034.5	7176.5	6318.5	6456.2	6593.9	6939.1	7284.3	6030.6	4777.0
11122.9	57.5°	10010.5	8897.9	8031.6	7165.2	7441.4	7717.6	7905.6	8093.6	6381.7	4669.9
12502.7	60°	11311.6	10120.4	9300.5	8480.7	8823.7	9166.7	8874.6	8582.7	6469.5	4356.2
13621.1	62.5°	12487.9	11354.6	10603.5	9852.5	9891.2	9929.8	9132.1	8334.3	6100.0	3865.7
13737.7	65°	12638.8	11539.9	10585.4	9630.9	9482.8	9334.7	8586.0	7837.2	5577.2	3317.3
12930.4	67.5°	11826.8	10723.2	9728.7	8734.3	8664.9	8595.4	7883.3	7171.2	4955.1	2739.1
11660.3	70°	10710.6	9760.9	8871.6	7982.3	7951.1	7920.1	7145.5	6370.9	4276.3	2181.7
10053.8	72.5°	9342.6	8631.3	7935.5	7239.7	7217.4	7195.1	6306.2	5417.3	3540.4	1663.5
8300.2	75°	7799.5	7298.8	6757.5	6216.1	6133.5	6050.9	5131.0	4211.0	2696.8	1182.6
6496.0	77.5°	6140.8	5785.7	5374.2	4962.7	4844.5	4726.3	3867.5	3008.7	1887.5	766.4
4702.3	80°	4515.9	4329.4	4018.7	3707.9	3561.0	3414.1	2691.7	1969.2	1216.1	463.0
3044.2	82.5°	2966.5	2888.7	2674.8	2460.8	2296.7	2132.6	1638.6	1144.7	703.8	263.1
1746.9	85°	1702.8	1658.6	1482.9	1307.1	1167.5	1027.9	765.8	503.6	316.6	129.7
671.1	87.5°	667.4	663.7	575.8	487.9	410.0	332.1	244.0	155.9	103.7	51.5
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):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
1889.8	0°	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8
1984.5	2.5°	1968.0	1951.3	1934.6	1918.6	1902.7	1887.2	1870.1	1856.1	1842.3	1829.7
2082.0	5°	2047.7	2013.1	1978.6	1946.3	1914.1	1883.6	1853.5	1827.3	1800.9	1778.9
2172.9	7.5°	2120.4	2069.3	2018.1	1973.1	1928.1	1886.5	1847.6	1812.6	1777.7	1748.7
2243.7	10°	2174.4	2112.3	2050.2	1997.0	1943.6	1892.3	1850.5	1813.6	1776.8	1747.8
2292.5	12.5°	2213.9	2140.7	2067.4	2007.2	1946.9	1893.0	1854.1	1823.9	1793.9	1774.6
2323.0	15°	2237.7	2153.4	2069.0	1999.3	1929.5	1869.8	1838.7	1824.2	1809.9	1812.5
2337.6	17.5°	2244.5	2146.6	2048.7	1964.8	1880.9	1810.7	1791.5	1796.8	1802.0	1833.7
2349.0	20°	2246.7	2128.1	2009.4	1905.4	1801.5	1719.7	1714.7	1739.3	1764.0	1818.9
2364.3	22.5°	2249.6	2105.3	1961.0	1835.8	1710.5	1617.5	1627.4	1663.9	1700.4	1763.0
2392.2	25°	2261.1	2082.8	1904.6	1757.9	1611.3	1516.0	1542.8	1584.8	1626.9	1683.3
2435.7	27.5°	2285.0	2067.8	1850.6	1686.8	1523.0	1436.2	1468.8	1509.4	1550.0	1596.4
2492.0	30°	2317.8	2060.8	1803.6	1627.3	1451.1	1378.2	1403.8	1436.0	1468.3	1506.7
2550.8	32.5°	2346.1	2052.1	1757.9	1576.1	1394.1	1335.4	1346.8	1365.8	1384.9	1415.6
2617.8	35°	2366.8	2035.7	1704.7	1525.7	1346.6	1297.7	1293.0	1298.2	1303.5	1326.9
2692.9	37.5°	2379.1	2007.6	1636.1	1466.4	1296.6	1253.8	1236.6	1230.8	1224.9	1241.8
2788.2	40°	2386.9	1969.0	1551.1	1395.6	1240.0	1201.2	1174.8	1161.6	1148.5	1160.6
2912.8	42.5°	2401.6	1929.1	1456.7	1317.5	1178.2	1142.5	1109.1	1091.7	1074.3	1084.2
3076.9	45°	2427.5	1892.0	1356.6	1234.5	1112.4	1076.1	1043.9	1026.9	1010.0	1018.3
3251.6	47.5°	2445.3	1861.4	1277.6	1168.9	1060.2	1013.4	985.6	971.4	957.2	965.1
3413.8	50°	2433.7	1828.1	1222.5	1125.3	1028.1	966.6	934.4	921.8	909.2	921.4
3519.1	52.5°	2362.2	1771.7	1181.3	1096.6	1012.0	941.3	896.2	883.7	871.3	889.6
3495.9	55°	2214.7	1678.3	1142.0	1075.8	1009.6	943.8	875.9	856.1	836.5	862.5
3332.6	57.5°	1995.3	1546.6	1097.9	1051.1	1004.4	946.3	863.7	835.0	806.2	834.2
3028.7	60°	1701.1	1375.6	1050.2	1013.4	976.7	938.4	852.2	815.0	777.7	802.3
2617.7	62.5°	1369.7	1171.0	972.3	947.9	923.5	918.8	838.9	792.3	745.8	761.4
2198.4	65°	1079.6	986.9	894.1	882.6	871.1	871.6	810.7	761.3	711.7	717.8
1787.7	67.5°	836.3	809.9	783.5	790.0	796.4	794.8	760.6	719.4	678.2	676.3
1407.5	70°	633.4	641.0	648.4	678.3	708.1	708.1	696.9	667.6	638.3	631.8
1076.1	72.5°	488.6	511.3	534.1	576.4	618.7	625.8	626.0	605.9	585.8	576.2
781.0	75°	379.4	400.0	420.6	468.0	515.4	548.2	545.5	530.0	514.5	505.4
529.2	77.5°	292.1	306.1	320.2	366.2	412.3	466.3	464.8	452.4	440.0	430.7
341.0	80°	219.0	224.8	230.6	269.6	308.6	373.1	372.9	362.5	352.1	344.3
209.7	82.5°	156.5	157.5	158.7	187.4	216.1	271.2	274.3	269.2	264.1	258.6
112.1	85°	94.6	94.1	93.5	114.6	135.6	176.6	180.6	175.1	169.7	163.5
46.5	87.5°	41.5	41.0	40.5	49.0	57.7	74.7	79.8	77.6	75.4	74.3
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°
1889.8	0°	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8
1817.3	2.5°	1806.3	1795.4	1784.3	1773.4	1764.9	1756.4	1749.5	1742.6	1737.2	1731.8
1756.9	5°	1737.5	1718.1	1700.4	1682.7	1669.2	1655.6	1646.1	1636.6	1629.8	1623.1
1719.7	7.5°	1695.3	1670.8	1649.2	1627.6	1611.5	1595.4	1584.1	1572.7	1565.0	1557.3
1718.8	10°	1692.5	1666.1	1641.8	1617.5	1598.2	1578.8	1566.2	1553.4	1546.1	1538.8
1755.5	12.5°	1734.7	1714.1	1689.0	1663.9	1639.2	1614.6	1598.3	1581.9	1573.8	1565.6
1815.1	15°	1809.7	1804.4	1782.5	1760.7	1725.6	1690.5	1665.7	1640.9	1629.5	1618.2
1865.3	17.5°	1882.1	1898.8	1881.2	1863.7	1817.2	1770.7	1734.2	1697.6	1680.8	1663.9
1873.8	20°	1909.0	1944.2	1936.0	1927.9	1874.7	1821.6	1776.8	1732.1	1710.5	1688.9
1825.8	22.5°	1871.6	1917.3	1922.3	1927.1	1876.4	1825.6	1779.5	1733.3	1710.6	1687.8
1739.7	25°	1784.7	1829.7	1846.6	1863.3	1821.7	1780.1	1739.1	1698.2	1678.5	1658.8
1642.6	27.5°	1678.8	1714.9	1733.6	1752.4	1722.7	1693.1	1661.3	1629.4	1616.2	1603.0
1545.2	30°	1575.1	1605.2	1620.4	1635.6	1613.1	1590.4	1567.7	1544.7	1538.0	1531.2
1446.3	32.5°	1475.1	1503.8	1520.7	1537.7	1517.0	1496.2	1478.0	1459.8	1455.3	1450.9
1350.3	35°	1378.7	1407.2	1427.5	1447.8	1433.0	1418.3	1401.5	1384.7	1378.0	1371.3
1258.5	37.5°	1286.9	1315.3	1340.4	1365.5	1358.7	1351.9	1336.4	1320.9	1308.6	1296.5
1172.7	40°	1200.1	1227.6	1256.4	1285.4	1287.0	1288.6	1275.5	1262.4	1244.5	1226.8
1094.1	42.5°	1120.1	1146.1	1177.3	1208.5	1216.8	1225.2	1214.1	1203.0	1180.9	1158.8
1026.7	45°	1051.3	1076.0	1108.3	1140.7	1152.7	1164.6	1154.6	1144.7	1119.4	1094.1
972.8	47.5°	997.0	1021.0	1052.9	1084.8	1098.6	1112.4	1105.4	1098.5	1076.0	1053.5
933.7	50°	956.4	979.1	1007.7	1036.3	1054.0	1071.6	1071.2	1070.9	1052.9	1035.0
907.9	52.5°	928.8	949.6	976.2	1002.9	1023.9	1044.8	1048.6	1052.4	1037.7	1023.1
888.5	55°	911.0	933.4	956.8	980.1	1002.3	1024.5	1029.7	1035.0	1022.2	1009.4
862.2	57.5°	888.6	915.0	938.1	961.2	983.6	1005.9	1011.2	1016.5	1003.6	990.7
826.8	60°	857.1	887.5	910.9	934.4	956.9	979.3	985.1	990.9	978.3	965.8
777.0	62.5°	812.3	847.7	872.7	897.8	918.3	938.9	944.5	950.1	938.7	927.3
723.7	65°	761.6	799.5	823.4	847.4	865.5	883.6	889.3	895.0	884.0	873.1
674.4	67.5°	709.4	744.4	767.1	789.7	805.4	821.0	826.6	832.1	822.0	812.0
625.2	70°	656.0	686.7	706.3	725.9	740.0	754.2	759.5	764.9	756.7	748.5
566.7	72.5°	590.9	615.1	632.8	650.5	664.3	678.2	684.6	690.9	684.1	677.3
496.2	75°	514.1	532.1	548.2	564.2	576.8	589.4	596.1	602.8	599.4	596.1
421.5	77.5°	436.1	450.7	464.5	478.2	491.5	504.7	511.0	517.2	512.5	507.8
336.5	80°	348.7	360.8	372.4	384.0	394.1	404.1	412.3	420.6	418.6	416.6
253.1	82.5°	252.1	251.1	247.0	242.9	264.4	285.9	299.9	314.0	313.1	312.2
157.4	85°	152.1	146.8	135.6	124.4	144.5	164.6	182.0	199.4	198.0	196.5
73.1	87.5°	72.9	72.7	64.1	55.5	63.9	72.4	79.4	86.4	84.7	82.8
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°
1889.8	0°	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8
1726.9	2.5°	1721.9	1715.7	1721.9	1726.9	1731.8	1737.2	1742.6	1749.5	1756.4	1764.9
1617.9	5°	1612.8	1607.7	1612.8	1617.9	1623.1	1629.8	1636.6	1646.1	1655.6	1669.2
1552.7	7.5°	1548.1	1544.6	1548.1	1552.7	1557.3	1565.0	1572.7	1584.1	1595.4	1611.5
1534.9	10°	1531.0	1529.4	1531.0	1534.9	1538.8	1546.1	1553.4	1566.2	1578.8	1598.2
1562.3	12.5°	1559.0	1558.4	1559.0	1562.3	1565.6	1573.8	1581.9	1598.3	1614.6	1639.2
1613.9	15°	1609.5	1609.1	1609.5	1613.9	1618.2	1629.5	1640.9	1665.7	1690.5	1725.6
1658.4	17.5°	1652.8	1651.9	1652.8	1658.4	1663.9	1680.8	1697.6	1734.2	1770.7	1817.2
1682.0	20°	1675.1	1673.0	1675.1	1682.0	1688.9	1710.5	1732.1	1776.8	1821.6	1874.7
1680.2	22.5°	1672.6	1669.3	1672.6	1680.2	1687.8	1710.6	1733.3	1779.5	1825.6	1876.4
1651.6	25°	1644.5	1640.3	1644.5	1651.6	1658.8	1678.5	1698.2	1739.1	1780.1	1821.7
1599.7	27.5°	1596.5	1595.4	1596.5	1599.7	1603.0	1616.2	1629.4	1661.3	1693.1	1722.7
1531.2	30°	1531.2	1532.3	1531.2	1531.2	1531.2	1538.0	1544.7	1567.7	1590.4	1613.1
1451.5	32.5°	1452.1	1453.2	1452.1	1451.5	1450.9	1455.3	1459.8	1478.0	1496.2	1517.0
1369.8	35°	1368.4	1367.7	1368.4	1369.8	1371.3	1378.0	1384.7	1401.5	1418.3	1433.0
1290.0	37.5°	1283.5	1279.9	1283.5	1290.0	1296.5	1308.6	1320.9	1336.4	1351.9	1358.7
1214.8	40°	1202.9	1195.8	1202.9	1214.8	1226.8	1244.5	1262.4	1275.5	1288.6	1287.0
1141.3	42.5°	1123.9	1112.4	1123.9	1141.3	1158.8	1180.9	1203.0	1214.1	1225.2	1216.8
1073.6	45°	1053.1	1039.9	1053.1	1073.6	1094.1	1119.4	1144.7	1154.6	1164.6	1152.7
1034.5	47.5°	1015.6	1002.9	1015.6	1034.5	1053.5	1076.0	1098.5	1105.4	1112.4	1098.6
1017.4	50°	999.9	987.7	999.9	1017.4	1035.0	1052.9	1070.9	1071.2	1071.6	1054.0
1007.3	52.5°	991.7	980.4	991.7	1007.3	1023.1	1037.7	1052.4	1048.6	1044.8	1023.9
995.7	55°	981.9	971.7	981.9	995.7	1009.4	1022.2	1035.0	1029.7	1024.5	1002.3
977.1	57.5°	963.4	952.9	963.4	977.1	990.7	1003.6	1016.5	1011.2	1005.9	983.6
951.7	60°	937.6	926.8	937.6	951.7	965.8	978.3	990.9	985.1	979.3	956.9
912.5	62.5°	897.8	884.7	897.8	912.5	927.3	938.7	950.1	944.5	938.9	918.3
858.7	65°	844.5	833.2	844.5	858.7	873.1	884.0	895.0	889.3	883.6	865.5
798.7	67.5°	785.4	775.2	785.4	798.7	812.0	822.0	832.1	826.6	821.0	805.4
735.8	70°	723.0	711.4	723.0	735.8	748.5	756.7	764.9	759.5	754.2	740.0
665.1	72.5°	653.0	641.8	653.0	665.1	677.3	684.1	690.9	684.6	678.2	664.3
585.9	75°	575.6	564.9	575.6	585.9	596.1	599.4	602.8	596.1	589.4	576.8
497.5	77.5°	487.2	478.6	487.2	497.5	507.8	512.5	517.2	511.0	504.7	491.5
402.8	80°	388.8	372.7	388.8	402.8	416.6	418.6	420.6	412.3	404.1	394.1
300.5	82.5°	288.8	278.5	288.8	300.5	312.2	313.1	314.0	299.9	285.9	264.4
187.4	85°	178.2	169.0	178.2	187.4	196.5	198.0	199.4	182.0	164.6	144.5
78.2	87.5°	73.4	68.9	73.4	78.2	82.8	84.7	86.4	79.4	72.4	63.9
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°
1889.8	0°	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8
1773.4	2.5°	1784.3	1795.4	1806.3	1817.3	1829.7	1842.3	1856.1	1870.1	1887.2	1902.7
1682.7	5°	1700.4	1718.1	1737.5	1756.9	1778.9	1800.9	1827.3	1853.5	1883.6	1914.1
1627.6	7.5°	1649.2	1670.8	1695.3	1719.7	1748.7	1777.7	1812.6	1847.6	1886.5	1928.1
1617.5	10°	1641.8	1666.1	1692.5	1718.8	1747.8	1776.8	1813.6	1850.5	1892.3	1943.6
1663.9	12.5°	1689.0	1714.1	1734.7	1755.5	1774.6	1793.9	1823.9	1854.1	1893.0	1946.9
1760.7	15°	1782.5	1804.4	1809.7	1815.1	1812.5	1809.9	1824.2	1838.7	1869.8	1929.5
1863.7	17.5°	1881.2	1898.8	1882.1	1865.3	1833.7	1802.0	1796.8	1791.5	1810.7	1880.9
1927.9	20°	1936.0	1944.2	1909.0	1873.8	1818.9	1764.0	1739.3	1714.7	1719.7	1801.5
1927.1	22.5°	1922.3	1917.3	1871.6	1825.8	1763.0	1700.4	1663.9	1627.4	1617.5	1710.5
1863.3	25°	1846.6	1829.7	1784.7	1739.7	1683.3	1626.9	1584.8	1542.8	1516.0	1611.3
1752.4	27.5°	1733.6	1714.9	1678.8	1642.6	1596.4	1550.0	1509.4	1468.8	1436.2	1523.0
1635.6	30°	1620.4	1605.2	1575.1	1545.2	1506.7	1468.3	1436.0	1403.8	1378.2	1451.1
1537.7	32.5°	1520.7	1503.8	1475.1	1446.3	1415.6	1384.9	1365.8	1346.8	1335.4	1394.1
1447.8	35°	1427.5	1407.2	1378.7	1350.3	1326.9	1303.5	1298.2	1293.0	1297.7	1346.6
1365.5	37.5°	1340.4	1315.3	1286.9	1258.5	1241.8	1224.9	1230.8	1236.6	1253.8	1296.6
1285.4	40°	1256.4	1227.6	1200.1	1172.7	1160.6	1148.5	1161.6	1174.8	1201.2	1240.0
1208.5	42.5°	1177.3	1146.1	1120.1	1094.1	1084.2	1074.3	1091.7	1109.1	1142.5	1178.2
1140.7	45°	1108.3	1076.0	1051.3	1026.7	1018.3	1010.0	1026.9	1043.9	1076.1	1112.4
1084.8	47.5°	1052.9	1021.0	997.0	972.8	965.1	957.2	971.4	985.6	1013.4	1060.2
1036.3	50°	1007.7	979.1	956.4	933.7	921.4	909.2	921.8	934.4	966.6	1028.1
1002.9	52.5°	976.2	949.6	928.8	907.9	889.6	871.3	883.7	896.2	941.3	1012.0
980.1	55°	956.8	933.4	911.0	888.5	862.5	836.5	856.1	875.9	943.8	1009.6
961.2	57.5°	938.1	915.0	888.6	862.2	834.2	806.2	835.0	863.7	946.3	1004.4
934.4	60°	910.9	887.5	857.1	826.8	802.3	777.7	815.0	852.2	938.4	976.7
897.8	62.5°	872.7	847.7	812.3	777.0	761.4	745.8	792.3	838.9	918.8	923.5
847.4	65°	823.4	799.5	761.6	723.7	717.8	711.7	761.3	810.7	871.6	871.1
789.7	67.5°	767.1	744.4	709.4	674.4	676.3	678.2	719.4	760.6	794.8	796.4
725.9	70°	706.3	686.7	656.0	625.2	631.8	638.3	667.6	696.9	708.1	708.1
650.5	72.5°	632.8	615.1	590.9	566.7	576.2	585.8	605.9	626.0	625.8	618.7
564.2	75°	548.2	532.1	514.1	496.2	505.4	514.5	530.0	545.5	548.2	515.4
478.2	77.5°	464.5	450.7	436.1	421.5	430.7	440.0	452.4	464.8	466.3	412.3
384.0	80°	372.4	360.8	348.7	336.5	344.3	352.1	362.5	372.9	373.1	308.6
242.9	82.5°	247.0	251.1	252.1	253.1	258.6	264.1	269.2	274.3	271.2	216.1
124.4	85°	135.6	146.8	152.1	157.4	163.5	169.7	175.1	180.6	176.6	135.6
55.5	87.5°	64.1	72.7	72.9	73.1	74.3	75.4	77.6	79.8	74.7	57.7
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):**

325°		330°	335°	340°	345°	350°	355°	360°
1889.8	0°	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8	1889.8
1918.6	2.5°	1934.6	1951.3	1968.0	1984.5	2001.1	2016.7	2032.3
1946.3	5°	1978.6	2013.1	2047.7	2082.0	2116.4	2150.8	2185.3
1973.1	7.5°	2018.1	2069.3	2120.4	2172.9	2225.4	2282.2	2339.0
1997.0	10°	2050.2	2112.3	2174.4	2243.7	2313.1	2385.0	2456.9
2007.2	12.5°	2067.4	2140.7	2213.9	2292.5	2371.1	2450.0	2529.0
1999.3	15°	2069.0	2153.4	2237.7	2323.0	2408.3	2490.6	2572.9
1964.8	17.5°	2048.7	2146.6	2244.5	2337.6	2430.6	2514.1	2597.5
1905.4	20°	2009.4	2128.1	2246.7	2349.0	2451.2	2538.0	2624.7
1835.8	22.5°	1961.0	2105.3	2249.6	2364.3	2479.0	2567.7	2656.3
1757.9	25°	1904.6	2082.8	2261.1	2392.2	2523.2	2610.0	2696.9
1686.8	27.5°	1850.6	2067.8	2285.0	2435.7	2586.3	2669.2	2752.0
1627.3	30°	1803.6	2060.8	2317.8	2492.0	2666.3	2746.3	2826.3
1576.1	32.5°	1757.9	2052.1	2346.1	2550.8	2755.6	2834.8	2914.1
1525.7	35°	1704.7	2035.7	2366.8	2617.8	2868.9	2944.8	3020.7
1466.4	37.5°	1636.1	2007.6	2379.1	2692.9	3006.7	3103.4	3200.2
1395.6	40°	1551.1	1969.0	2386.9	2788.2	3189.4	3330.4	3471.4
1317.5	42.5°	1456.7	1929.1	2401.6	2912.8	3424.1	3627.6	3831.0
1234.5	45°	1356.6	1892.0	2427.5	3076.9	3726.3	4000.7	4275.2
1168.9	47.5°	1277.6	1861.4	2445.3	3251.6	4058.0	4444.4	4830.7
1125.3	50°	1222.5	1828.1	2433.7	3413.8	4393.9	4976.4	5558.8
1096.6	52.5°	1181.3	1771.7	2362.2	3519.1	4675.9	5535.2	6394.5
1075.8	55°	1142.0	1678.3	2214.7	3495.9	4777.0	6030.6	7284.3
1051.1	57.5°	1097.9	1546.6	1995.3	3332.6	4669.9	6381.7	8093.6
1013.4	60°	1050.2	1375.6	1701.1	3028.7	4356.2	6469.5	8582.7
947.9	62.5°	972.3	1171.0	1369.7	2617.7	3865.7	6100.0	8334.3
882.6	65°	894.1	986.9	1079.6	2198.4	3317.3	5577.2	7837.2
790.0	67.5°	783.5	809.9	836.3	1787.7	2739.1	4955.1	7171.2
678.3	70°	648.4	641.0	633.4	1407.5	2181.7	4276.3	6370.9
576.4	72.5°	534.1	511.3	488.6	1076.1	1663.5	3540.4	5417.3
468.0	75°	420.6	400.0	379.4	781.0	1182.6	2696.8	4211.0
366.2	77.5°	320.2	306.1	292.1	529.2	766.4	1887.5	3008.7
269.6	80°	230.6	224.8	219.0	341.0	463.0	1216.1	1969.2
187.4	82.5°	158.7	157.5	156.5	209.7	263.1	703.8	1144.7
114.6	85°	93.5	94.1	94.6	112.1	129.7	316.6	503.6
49.0	87.5°	40.5	41.0	41.5	46.5	51.5	103.7	155.9
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)