

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: P947045

Luminaire Tested: **GALN-SB2C-735-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P947045  
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-SB2C-735-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(2) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

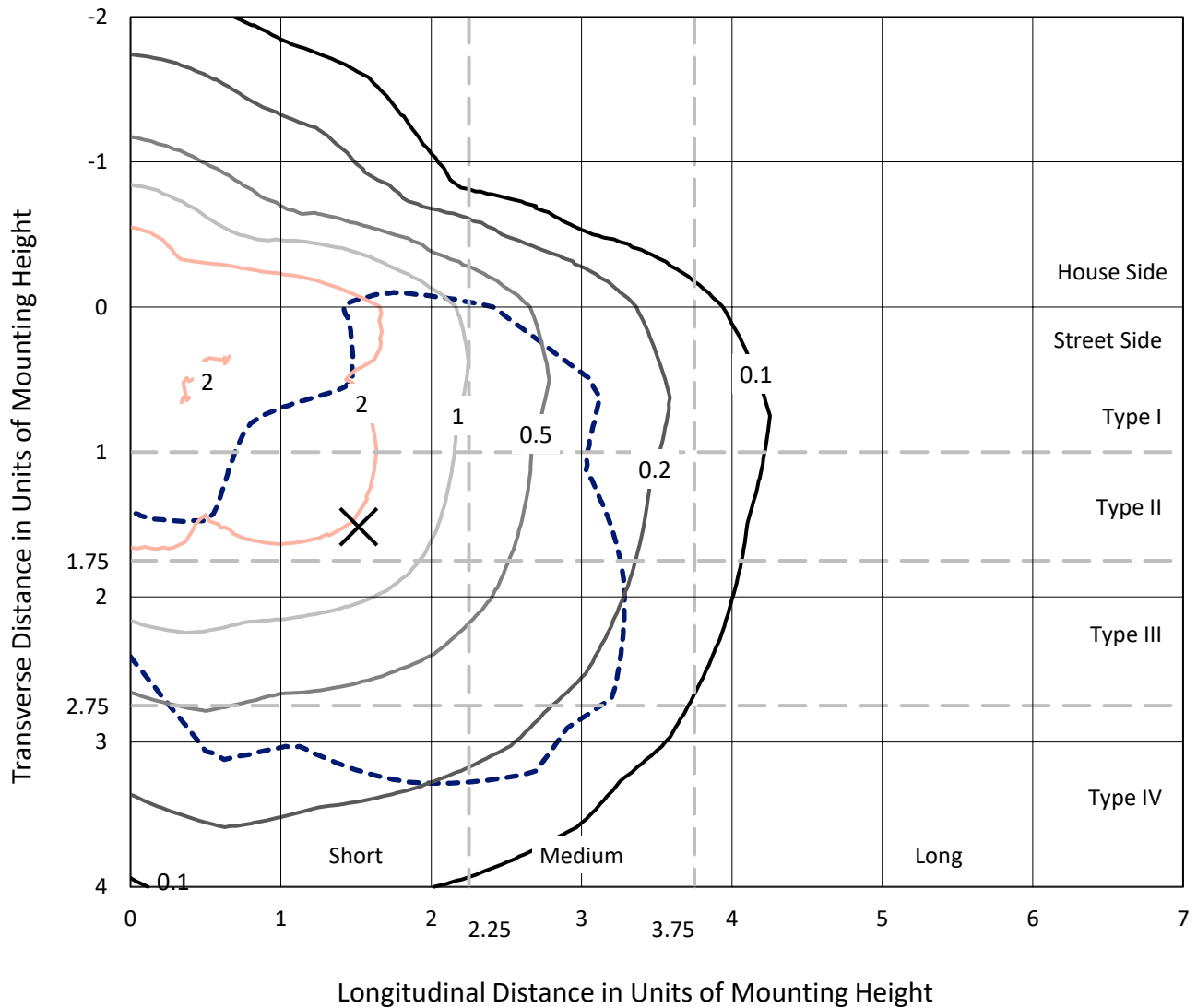
Lumens per Lamp: N/A  
Luminaire Lumens: 14923 lumens  
Efficiency: N/A  
Efficacy: 147.9 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G4  
  
Input Watts (W): 100.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

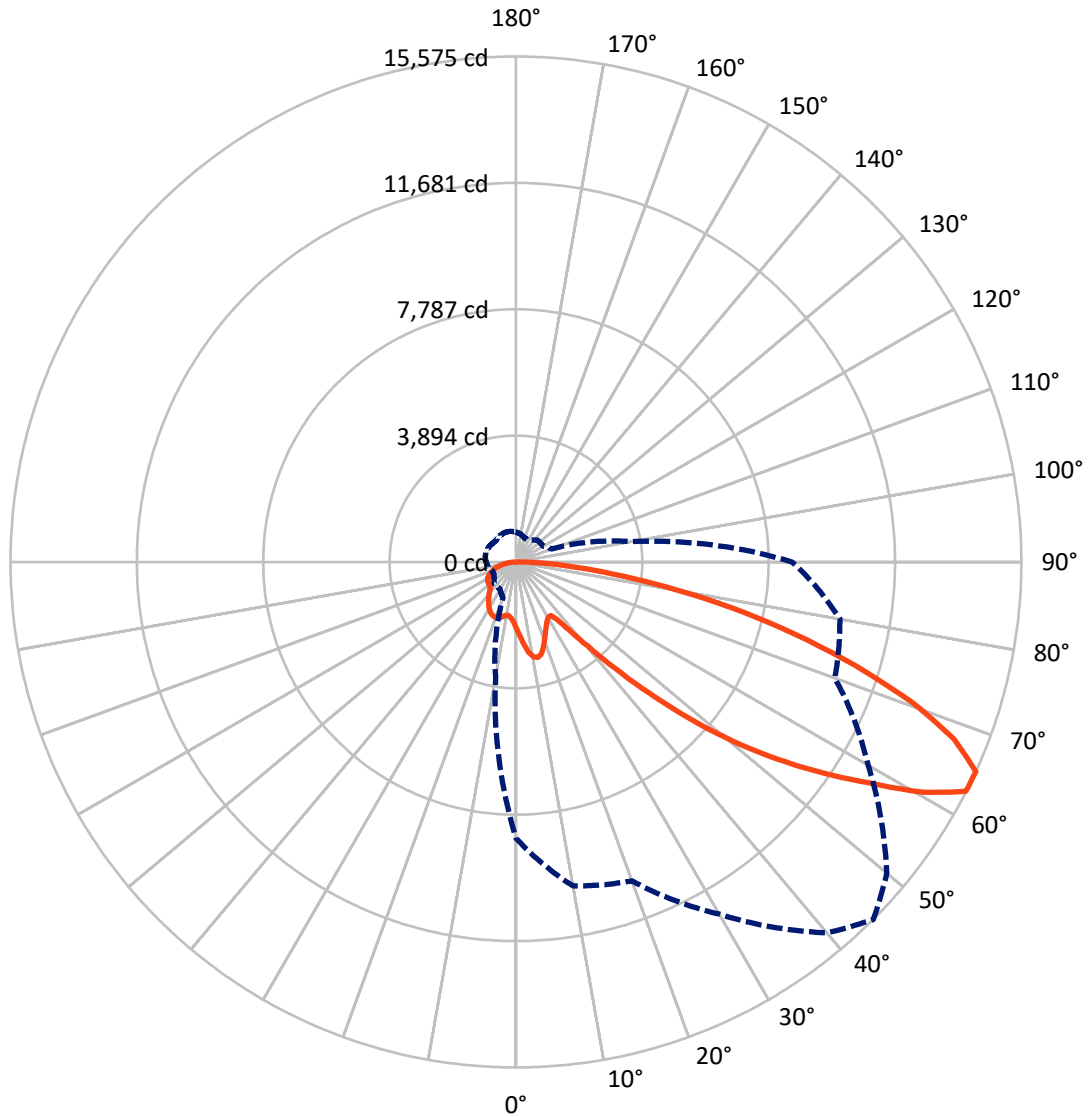
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.5 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	3792.7	0.0	3792.7
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	11130.3	0.0	11130.3
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	14923.0	0.0	14923.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	203.6	1.4
10°-20°	639.0	4.3
20°-30°	987.1	6.6
30°-40°	1250.9	8.4
40°-50°	1886.6	12.6
50°-60°	3048.1	20.4
60°-70°	3799.9	25.5
70°-80°	2491.8	16.7
80°-90°	616.0	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°	14923.0	100.0
0°-180°	14923.0	100.0



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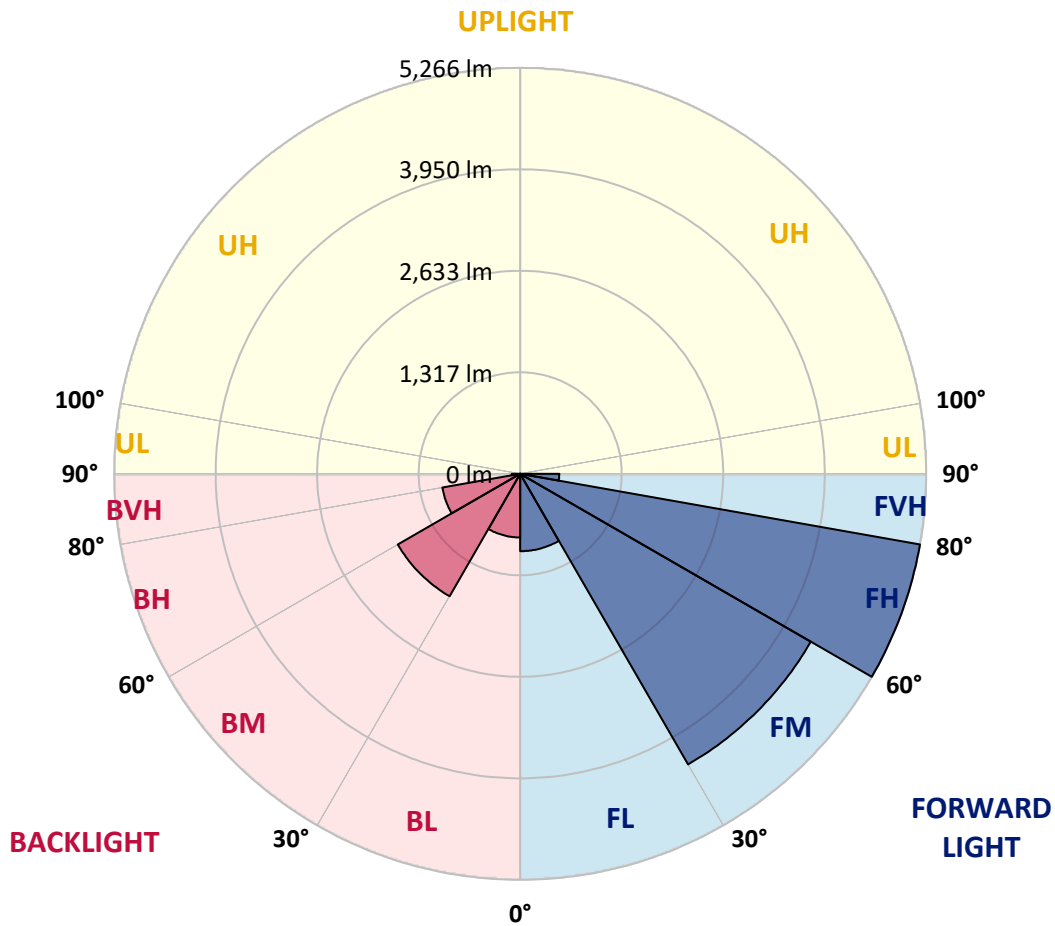
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1003.7	6.7			
FM (30°-60°)	4352.7	29.2			
FH (60°-80°)	5266.4	35.3			G3/7500
FVH (80°-90°)	507.5	3.4			G4/750
BL (0°-30°)	825.9	5.5	B2/1000		
BM (30°-60°)	1832.9	12.3	B2/2500		
BH (60°-80°)	1025.4	6.9	B3/2500		G3/2500
BVH (80°-90°)	108.6	0.7			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G4**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0
2.5°	2206.8	2215.1	2223.5	2235.4	2247.3	2254.4	2261.5	2265.0	2268.6	2267.0
5°	2372.9	2402.1	2431.4	2460.4	2489.5	2505.2	2521.0	2530.5	2540.1	2547.3
7.5°	2539.9	2587.4	2634.9	2677.7	2720.4	2746.2	2771.9	2785.8	2799.7	2806.4
10°	2667.8	2724.0	2780.3	2830.4	2880.6	2911.0	2941.2	2954.8	2968.2	2973.3
12.5°	2746.2	2807.1	2868.0	2913.3	2958.5	2980.6	3002.6	3010.0	3017.4	3018.2
15°	2793.8	2846.4	2898.9	2927.3	2955.9	2956.6	2957.4	2949.6	2941.7	2932.4
17.5°	2820.6	2856.1	2891.6	2892.1	2892.6	2860.7	2828.8	2799.6	2770.3	2749.7
20°	2850.1	2862.5	2874.9	2837.5	2800.1	2729.7	2659.3	2608.0	2556.8	2525.3
22.5°	2884.4	2868.1	2851.9	2774.4	2696.9	2593.4	2489.9	2425.8	2361.7	2326.9
25°	2928.4	2877.3	2826.1	2708.4	2590.8	2465.0	2339.3	2271.9	2204.6	2171.7
27.5°	2988.3	2896.8	2805.2	2649.4	2493.6	2354.3	2214.9	2148.6	2082.4	2051.3
30°	3069.0	2932.5	2796.2	2604.3	2412.5	2267.3	2122.1	2060.6	1999.1	1970.1
32.5°	3164.3	2977.4	2790.6	2573.6	2356.6	2220.2	2083.7	2035.4	1987.1	1966.2
35°	3280.0	3051.4	2822.8	2596.6	2370.6	2275.7	2181.0	2169.8	2158.5	2156.8
37.5°	3474.9	3205.9	2937.0	2731.4	2525.9	2519.8	2513.6	2565.1	2616.6	2643.4
40°	3769.4	3476.9	3184.4	3031.5	2878.7	2986.6	3094.4	3219.6	3344.8	3407.2
42.5°	4160.0	3869.7	3579.5	3491.5	3403.4	3638.7	3874.0	4101.7	4329.4	4463.1
45°	4642.3	4381.6	4120.8	4082.0	4043.1	4420.0	4797.0	5171.2	5545.5	5772.6
47.5°	5245.5	4991.8	4738.1	4730.2	4722.4	5266.2	5809.8	6357.6	6905.4	7227.0
50°	6036.0	5722.7	5409.5	5410.8	5412.2	6113.0	6813.8	7536.9	8260.0	8697.2
52.5°	6943.6	6564.2	6184.9	6146.5	6108.1	6945.2	7782.3	8677.0	9571.6	10095.6
55°	7909.7	7534.9	7160.1	7010.6	6861.0	7792.7	8724.3	9790.9	10857.5	11480.7
57.5°	8788.5	8584.4	8380.2	8080.3	7780.4	8721.2	9661.9	10870.0	12078.0	12850.8
60°	9319.6	9636.6	9953.7	9581.3	9208.8	10099.1	10989.4	12282.8	13576.2	14411.5
62.5°	9049.9	9916.2	10782.4	10740.5	10698.4	11514.0	12329.6	13560.2	14790.7	15562.8
65°	8510.1	9323.2	10136.2	10297.1	10457.8	11494.3	12530.8	13724.0	14917.2	15574.6
67.5°	7786.9	8560.1	9333.4	9408.8	9484.2	10564.1	11643.9	12842.3	14040.7	14555.6
70°	6918.0	7759.0	8600.1	8633.8	8667.6	9633.3	10599.0	11630.3	12661.5	12947.7
72.5°	5882.5	6847.6	7812.9	7837.1	7861.3	8616.8	9372.4	10144.8	10917.1	10946.1
75°	4572.6	5571.5	6570.5	6660.2	6749.8	7337.7	7925.5	8469.2	9012.9	8867.2
77.5°	3267.0	4199.5	5132.1	5260.4	5388.8	5835.6	6282.5	6668.1	7053.8	6803.4
80°	2138.3	2922.8	3707.2	3866.8	4026.3	4363.8	4701.1	4903.6	5106.1	4703.3
82.5°	1243.0	1779.3	2315.7	2493.9	2672.1	2904.4	3136.7	3221.2	3305.6	2989.1
85°	546.9	831.5	1116.2	1267.8	1419.3	1610.2	1801.0	1849.0	1896.9	1643.4
87.5°	169.3	265.0	360.6	445.2	529.8	625.2	720.7	724.8	728.8	611.8
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°
2052.0	0°	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0
2268.6	2.5°	2265.0	2261.5	2254.4	2247.3	2235.4	2223.5	2215.1	2206.8	2189.8	2172.9
2540.1	5°	2530.5	2521.0	2505.2	2489.5	2460.4	2431.4	2402.1	2372.9	2335.5	2298.1
2799.7	7.5°	2785.8	2771.9	2746.2	2720.4	2677.7	2634.9	2587.4	2539.9	2478.1	2416.5
2968.2	10°	2954.8	2941.2	2911.0	2880.6	2830.4	2780.3	2724.0	2667.8	2589.8	2511.7
3017.4	12.5°	3010.0	3002.6	2980.6	2958.5	2913.3	2868.0	2807.1	2746.2	2660.4	2574.7
2941.7	15°	2949.6	2957.4	2956.6	2955.9	2927.3	2898.9	2846.4	2793.8	2704.4	2615.1
2770.3	17.5°	2799.6	2828.8	2860.7	2892.6	2892.1	2891.6	2856.1	2820.6	2729.9	2639.3
2556.8	20°	2608.0	2659.3	2729.7	2800.1	2837.5	2874.9	2862.5	2850.1	2755.9	2661.7
2361.7	22.5°	2425.8	2489.9	2593.4	2696.9	2774.4	2851.9	2868.1	2884.4	2788.1	2691.8
2204.6	25°	2271.9	2339.3	2465.0	2590.8	2708.4	2826.1	2877.3	2928.4	2834.1	2739.9
2082.4	27.5°	2148.6	2214.9	2354.3	2493.6	2649.4	2805.2	2896.8	2988.3	2898.4	2808.4
1999.1	30°	2060.6	2122.1	2267.3	2412.5	2604.3	2796.2	2932.5	3069.0	2982.1	2895.2
1987.1	32.5°	2035.4	2083.7	2220.2	2356.6	2573.6	2790.6	2977.4	3164.3	3078.2	2992.2
2158.5	35°	2169.8	2181.0	2275.7	2370.6	2596.6	2822.8	3051.4	3280.0	3197.7	3115.2
2616.6	37.5°	2565.1	2513.6	2519.8	2525.9	2731.4	2937.0	3205.9	3474.9	3369.9	3264.8
3344.8	40°	3219.6	3094.4	2986.6	2878.7	3031.5	3184.4	3476.9	3769.4	3616.3	3463.3
4329.4	42.5°	4101.7	3874.0	3638.7	3403.4	3491.5	3579.5	3869.7	4160.0	3939.0	3718.1
5545.5	45°	5171.2	4797.0	4420.0	4043.1	4082.0	4120.8	4381.6	4642.3	4344.2	4046.2
6905.4	47.5°	6357.6	5809.8	5266.2	4722.4	4730.2	4738.1	4991.8	5245.5	4826.0	4406.5
8260.0	50°	7536.9	6813.8	6113.0	5412.2	5410.8	5409.5	5722.7	6036.0	5403.7	4771.2
9571.6	52.5°	8677.0	7782.3	6945.2	6108.1	6146.5	6184.9	6564.2	6943.6	6010.4	5077.3
10857.5	55°	9790.9	8724.3	7792.7	6861.0	7010.6	7160.1	7534.9	7909.7	6548.4	5187.2
12078.0	57.5°	10870.0	9661.9	8721.2	7780.4	8080.3	8380.2	8584.4	8788.5	6929.7	5070.9
13576.2	60°	12282.8	10989.4	10099.1	9208.8	9581.3	9953.7	9636.6	9319.6	7025.0	4730.2
14790.7	62.5°	13560.2	12329.6	11514.0	10698.4	10740.5	10782.4	9916.2	9049.9	6623.8	4197.6
14917.2	65°	13724.0	12530.8	11494.3	10457.8	10297.1	10136.2	9323.2	8510.1	6056.1	3602.1
14040.7	67.5°	12842.3	11643.9	10564.1	9484.2	9408.8	9333.4	8560.1	7786.9	5380.6	2974.3
12661.5	70°	11630.3	10599.0	9633.3	8667.6	8633.8	8600.1	7759.0	6918.0	4643.5	2369.0
10917.1	72.5°	10144.8	9372.4	8616.8	7861.3	7837.1	7812.9	6847.6	5882.5	3844.4	1806.4
9012.9	75°	8469.2	7925.5	7337.7	6749.8	6660.2	6570.5	5571.5	4572.6	2928.4	1284.1
7053.8	77.5°	6668.1	6282.5	5835.6	5388.8	5260.4	5132.1	4199.5	3267.0	2049.6	832.2
5106.1	80°	4903.6	4701.1	4363.8	4026.3	3866.8	3707.2	2922.8	2138.3	1320.5	502.8
3305.6	82.5°	3221.2	3136.7	2904.4	2672.1	2493.9	2315.7	1779.3	1243.0	764.3	285.7
1896.9	85°	1849.0	1801.0	1610.2	1419.3	1267.8	1116.2	831.5	546.9	343.8	140.8
728.8	87.5°	724.8	720.7	625.2	529.8	445.2	360.6	265.0	169.3	112.6	55.9
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°
2052.0	0°	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0
2154.9	2.5°	2136.9	2118.8	2100.7	2083.4	2066.1	2049.3	2030.6	2015.5	2000.5	1986.8
2260.8	5°	2223.5	2186.0	2148.5	2113.5	2078.4	2045.3	2012.7	1984.2	1955.6	1931.6
2359.5	7.5°	2302.4	2246.9	2191.4	2142.5	2093.6	2048.5	2006.2	1968.3	1930.4	1898.9
2436.4	10°	2361.1	2293.7	2226.2	2168.4	2110.5	2054.8	2009.4	1969.4	1929.4	1897.9
2489.4	12.5°	2404.0	2324.5	2245.0	2179.5	2114.1	2055.6	2013.3	1980.5	1947.9	1927.0
2522.5	15°	2429.8	2338.3	2246.7	2170.9	2095.2	2030.4	1996.5	1980.9	1965.3	1968.1
2538.3	17.5°	2437.3	2330.9	2224.6	2133.5	2042.4	1966.2	1945.3	1951.1	1956.8	1991.1
2550.6	20°	2439.6	2310.8	2182.0	2069.0	1956.1	1867.4	1861.9	1888.6	1915.4	1975.0
2567.3	22.5°	2442.8	2286.1	2129.4	1993.4	1857.4	1756.4	1767.1	1806.8	1846.4	1914.4
2597.6	25°	2455.2	2261.7	2068.2	1908.9	1749.7	1646.1	1675.3	1720.9	1766.6	1827.8
2644.8	27.5°	2481.2	2245.4	2009.5	1831.6	1653.8	1559.5	1594.9	1639.0	1683.1	1733.4
2706.0	30°	2516.8	2237.7	1958.5	1767.1	1575.6	1496.5	1524.3	1559.3	1594.4	1636.1
2769.9	32.5°	2547.5	2228.3	1908.9	1711.4	1513.8	1450.1	1462.4	1483.1	1503.8	1537.1
2842.6	35°	2570.0	2210.5	1851.1	1656.7	1462.3	1409.1	1404.0	1409.7	1415.4	1440.8
2924.1	37.5°	2583.4	2180.0	1776.6	1592.3	1407.9	1361.5	1342.7	1336.4	1330.1	1348.4
3027.6	40°	2591.8	2138.0	1684.3	1515.4	1346.5	1304.4	1275.6	1261.4	1247.1	1260.3
3162.9	42.5°	2607.8	2094.7	1581.8	1430.6	1279.4	1240.6	1204.4	1185.5	1166.6	1177.3
3341.1	45°	2635.9	2054.5	1473.1	1340.5	1207.9	1168.5	1133.5	1115.1	1096.7	1105.7
3530.8	47.5°	2655.2	2021.3	1387.3	1269.3	1151.2	1100.4	1070.3	1054.8	1039.4	1047.9
3706.9	50°	2642.6	1985.0	1327.4	1221.9	1116.4	1049.6	1014.6	1000.9	987.3	1000.5
3821.2	52.5°	2565.1	1923.8	1282.7	1190.8	1098.9	1022.1	973.1	959.6	946.1	966.0
3796.0	55°	2404.8	1822.4	1240.0	1168.2	1096.3	1024.8	951.1	929.6	908.3	936.6
3618.7	57.5°	2166.6	1679.4	1192.2	1141.4	1090.6	1027.6	937.8	906.6	875.5	905.9
3288.7	60°	1847.2	1493.8	1140.4	1100.4	1060.5	1018.9	925.4	885.0	844.5	871.2
2842.5	62.5°	1487.3	1271.5	1055.8	1029.2	1002.8	997.7	910.9	860.3	809.9	826.8
2387.2	65°	1172.3	1071.6	970.9	958.4	945.9	946.5	880.3	826.6	772.9	779.4
1941.2	67.5°	908.1	879.5	850.8	857.8	864.8	863.0	825.9	781.1	736.4	734.4
1528.4	70°	687.8	696.0	704.1	736.6	768.9	768.9	756.7	724.9	693.1	686.0
1168.5	72.5°	530.6	555.2	579.9	625.9	671.8	679.6	679.7	657.9	636.1	625.7
848.1	75°	412.0	434.3	456.7	508.2	559.7	595.3	592.3	575.5	558.7	548.8
574.7	77.5°	317.2	332.4	347.7	397.7	447.7	506.3	504.7	491.3	477.8	467.7
370.2	80°	237.8	244.1	250.4	292.8	335.1	405.1	404.9	393.6	382.3	373.9
227.7	82.5°	169.9	171.0	172.3	203.5	234.7	294.5	297.8	292.3	286.8	280.8
121.7	85°	102.8	102.2	101.6	124.4	147.2	191.7	196.1	190.2	184.3	177.6
50.5	87.5°	45.0	44.5	43.9	53.2	62.6	81.1	86.6	84.3	81.9	80.6
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°
2052.0	0°	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0
1973.3	2.5°	1961.4	1949.5	1937.5	1925.7	1916.4	1907.2	1899.7	1892.2	1886.4	1880.5
1907.8	5°	1886.7	1865.6	1846.4	1827.2	1812.5	1797.7	1787.4	1777.1	1769.7	1762.4
1867.4	7.5°	1840.9	1814.2	1790.8	1767.4	1749.8	1732.3	1720.1	1707.8	1699.4	1691.0
1866.4	10°	1837.8	1809.1	1782.7	1756.4	1735.4	1714.4	1700.7	1686.8	1678.9	1670.9
1906.2	12.5°	1883.7	1861.3	1834.0	1806.8	1780.0	1753.2	1735.5	1717.8	1708.9	1700.1
1970.9	15°	1965.1	1959.3	1935.6	1911.9	1873.8	1835.7	1808.7	1781.8	1769.4	1757.1
2025.4	17.5°	2043.7	2061.9	2042.7	2023.7	1973.2	1922.7	1883.1	1843.4	1825.1	1806.8
2034.7	20°	2072.9	2111.1	2102.3	2093.4	2035.7	1978.0	1929.4	1880.8	1857.4	1833.9
1982.6	22.5°	2032.3	2082.0	2087.3	2092.6	2037.5	1982.4	1932.3	1882.1	1857.5	1832.7
1889.0	25°	1937.9	1986.8	2005.1	2023.3	1978.1	1933.0	1888.4	1844.0	1822.6	1801.2
1783.7	27.5°	1822.9	1862.1	1882.4	1902.8	1870.6	1838.5	1803.9	1769.4	1755.0	1740.6
1677.9	30°	1710.4	1743.0	1759.5	1776.0	1751.6	1727.0	1702.3	1677.4	1670.1	1662.7
1570.5	32.5°	1601.7	1633.0	1651.3	1669.7	1647.2	1624.6	1604.9	1585.1	1580.3	1575.5
1466.2	35°	1497.1	1528.0	1550.1	1572.1	1556.0	1540.1	1521.8	1503.6	1496.3	1489.0
1366.6	37.5°	1397.4	1428.2	1455.5	1482.7	1475.3	1467.9	1451.2	1434.3	1421.0	1407.8
1273.4	40°	1303.2	1333.0	1364.3	1395.7	1397.5	1399.3	1385.0	1370.8	1351.4	1332.2
1188.1	42.5°	1216.3	1244.5	1278.4	1312.3	1321.3	1330.4	1318.3	1306.3	1282.3	1258.3
1114.8	45°	1141.6	1168.4	1203.5	1238.6	1251.6	1264.6	1253.7	1243.0	1215.5	1188.1
1056.3	47.5°	1082.6	1108.7	1143.3	1178.0	1193.0	1207.9	1200.4	1192.8	1168.4	1144.0
1013.8	50°	1038.5	1063.2	1094.2	1125.2	1144.4	1163.7	1163.2	1162.9	1143.3	1123.8
985.9	52.5°	1008.5	1031.1	1060.0	1089.0	1111.8	1134.5	1138.6	1142.7	1126.8	1110.9
964.8	55°	989.2	1013.6	1038.9	1064.2	1088.3	1112.5	1118.1	1123.8	1110.0	1096.1
936.3	57.5°	964.9	993.6	1018.6	1043.7	1068.1	1092.3	1098.1	1103.8	1089.8	1075.8
897.8	60°	930.7	963.7	989.1	1014.6	1039.0	1063.4	1069.7	1076.0	1062.3	1048.7
843.7	62.5°	882.1	920.5	947.7	974.8	997.2	1019.6	1025.6	1031.7	1019.3	1007.0
785.9	65°	827.0	868.1	894.1	920.1	939.8	959.5	965.7	971.8	960.0	948.1
732.3	67.5°	770.3	808.3	832.9	857.5	874.5	891.5	897.6	903.6	892.6	881.8
678.9	70°	712.3	745.7	767.0	788.2	803.6	818.9	824.8	830.6	821.7	812.8
615.4	72.5°	641.7	667.9	687.1	706.3	721.4	736.4	743.3	750.3	742.9	735.5
538.8	75°	558.3	577.8	595.2	612.6	626.3	640.0	647.3	654.5	650.9	647.3
457.7	77.5°	473.6	489.4	504.3	519.3	533.7	548.1	554.8	561.6	556.6	551.4
365.4	80°	378.6	391.7	404.3	416.9	427.9	438.8	447.7	456.7	454.5	452.4
274.8	82.5°	273.7	272.6	268.2	263.8	287.1	310.4	325.7	341.0	340.0	339.0
170.9	85°	165.2	159.5	147.2	135.0	156.9	178.7	197.6	216.5	215.0	213.4
79.4	87.5°	79.1	78.9	69.6	60.2	69.4	78.6	86.2	93.9	92.0	89.9
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):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
2052.0	0°	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0
1875.2	2.5°	1869.8	1863.1	1869.8	1875.2	1880.5	1886.4	1892.2	1899.7	1907.2	1916.4
1756.8	5°	1751.2	1745.7	1751.2	1756.8	1762.4	1769.7	1777.1	1787.4	1797.7	1812.5
1686.0	7.5°	1681.0	1677.2	1681.0	1686.0	1691.0	1699.4	1707.8	1720.1	1732.3	1749.8
1666.7	10°	1662.4	1660.7	1662.4	1666.7	1670.9	1678.9	1686.8	1700.7	1714.4	1735.4
1696.4	12.5°	1692.8	1692.2	1692.8	1696.4	1700.1	1708.9	1717.8	1735.5	1753.2	1780.0
1752.4	15°	1747.7	1747.3	1747.7	1752.4	1757.1	1769.4	1781.8	1808.7	1835.7	1873.8
1800.8	17.5°	1794.7	1793.8	1794.7	1800.8	1806.8	1825.1	1843.4	1883.1	1922.7	1973.2
1826.4	20°	1819.0	1816.6	1819.0	1826.4	1833.9	1857.4	1880.8	1929.4	1978.0	2035.7
1824.5	22.5°	1816.2	1812.7	1816.2	1824.5	1832.7	1857.5	1882.1	1932.3	1982.4	2037.5
1793.4	25°	1785.7	1781.2	1785.7	1793.4	1801.2	1822.6	1844.0	1888.4	1933.0	1978.1
1737.1	27.5°	1733.5	1732.3	1733.5	1737.1	1740.6	1755.0	1769.4	1803.9	1838.5	1870.6
1662.7	30°	1662.7	1663.8	1662.7	1662.7	1662.7	1670.1	1677.4	1702.3	1727.0	1751.6
1576.1	32.5°	1576.8	1578.0	1576.8	1576.1	1575.5	1580.3	1585.1	1604.9	1624.6	1647.2
1487.5	35°	1485.9	1485.1	1485.9	1487.5	1489.0	1496.3	1503.6	1521.8	1540.1	1556.0
1400.8	37.5°	1393.8	1389.8	1393.8	1400.8	1407.8	1421.0	1434.3	1451.2	1467.9	1475.3
1319.1	40°	1306.2	1298.5	1306.2	1319.1	1332.2	1351.4	1370.8	1385.0	1399.3	1397.5
1239.3	42.5°	1220.4	1207.9	1220.4	1239.3	1258.3	1282.3	1306.3	1318.3	1330.4	1321.3
1165.8	45°	1143.5	1129.2	1143.5	1165.8	1188.1	1215.5	1243.0	1253.7	1264.6	1251.6
1123.3	47.5°	1102.8	1089.0	1102.8	1123.3	1144.0	1168.4	1192.8	1200.4	1207.9	1193.0
1104.8	50°	1085.7	1072.5	1085.7	1104.8	1123.8	1143.3	1162.9	1163.2	1163.7	1144.4
1093.8	52.5°	1076.8	1064.6	1076.8	1093.8	1110.9	1126.8	1142.7	1138.6	1134.5	1111.8
1081.1	55°	1066.2	1055.2	1066.2	1081.1	1096.1	1110.0	1123.8	1118.1	1112.5	1088.3
1061.0	57.5°	1046.1	1034.7	1046.1	1061.0	1075.8	1089.8	1103.8	1098.1	1092.3	1068.1
1033.4	60°	1018.1	1006.3	1018.1	1033.4	1048.7	1062.3	1076.0	1069.7	1063.4	1039.0
990.9	62.5°	974.8	960.7	974.8	990.9	1007.0	1019.3	1031.7	1025.6	1019.6	997.2
932.5	65°	917.0	904.8	917.0	932.5	948.1	960.0	971.8	965.7	959.5	939.8
867.3	67.5°	852.8	841.8	852.8	867.3	881.8	892.6	903.6	897.6	891.5	874.5
798.9	70°	785.1	772.5	785.1	798.9	812.8	821.7	830.6	824.8	818.9	803.6
722.2	72.5°	709.1	696.9	709.1	722.2	735.5	742.9	750.3	743.3	736.4	721.4
636.2	75°	625.1	613.4	625.1	636.2	647.3	650.9	654.5	647.3	640.0	626.3
540.2	77.5°	529.0	519.7	529.0	540.2	551.4	556.6	561.6	554.8	548.1	533.7
437.3	80°	422.2	404.7	422.2	437.3	452.4	454.5	456.7	447.7	438.8	427.9
326.3	82.5°	313.6	302.4	313.6	326.3	339.0	340.0	341.0	325.7	310.4	287.1
203.5	85°	193.6	183.5	193.6	203.5	213.4	215.0	216.5	197.6	178.7	156.9
84.9	87.5°	79.7	74.8	79.7	84.9	89.9	92.0	93.9	86.2	78.6	69.4
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°
2052.0	0°	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0
1925.7	2.5°	1937.5	1949.5	1961.4	1973.3	1986.8	2000.5	2015.5	2030.6	2049.3	2066.1
1827.2	5°	1846.4	1865.6	1886.7	1907.8	1931.6	1955.6	1984.2	2012.7	2045.3	2078.4
1767.4	7.5°	1790.8	1814.2	1840.9	1867.4	1898.9	1930.4	1968.3	2006.2	2048.5	2093.6
1756.4	10°	1782.7	1809.1	1837.8	1866.4	1897.9	1929.4	1969.4	2009.4	2054.8	2110.5
1806.8	12.5°	1834.0	1861.3	1883.7	1906.2	1927.0	1947.9	1980.5	2013.3	2055.6	2114.1
1911.9	15°	1935.6	1959.3	1965.1	1970.9	1968.1	1965.3	1980.9	1996.5	2030.4	2095.2
2023.7	17.5°	2042.7	2061.9	2043.7	2025.4	1991.1	1956.8	1951.1	1945.3	1966.2	2042.4
2093.4	20°	2102.3	2111.1	2072.9	2034.7	1975.0	1915.4	1888.6	1861.9	1867.4	1956.1
2092.6	22.5°	2087.3	2082.0	2032.3	1982.6	1914.4	1846.4	1806.8	1767.1	1756.4	1857.4
2023.3	25°	2005.1	1986.8	1937.9	1889.0	1827.8	1766.6	1720.9	1675.3	1646.1	1749.7
1902.8	27.5°	1882.4	1862.1	1822.9	1783.7	1733.4	1683.1	1639.0	1594.9	1559.5	1653.8
1776.0	30°	1759.5	1743.0	1710.4	1677.9	1636.1	1594.4	1559.3	1524.3	1496.5	1575.6
1669.7	32.5°	1651.3	1633.0	1601.7	1570.5	1537.1	1503.8	1483.1	1462.4	1450.1	1513.8
1572.1	35°	1550.1	1528.0	1497.1	1466.2	1440.8	1415.4	1409.7	1404.0	1409.1	1462.3
1482.7	37.5°	1455.5	1428.2	1397.4	1366.6	1348.4	1330.1	1336.4	1342.7	1361.5	1407.9
1395.7	40°	1364.3	1333.0	1303.2	1273.4	1260.3	1247.1	1261.4	1275.6	1304.4	1346.5
1312.3	42.5°	1278.4	1244.5	1216.3	1188.1	1177.3	1166.6	1185.5	1204.4	1240.6	1279.4
1238.6	45°	1203.5	1168.4	1141.6	1114.8	1105.7	1096.7	1115.1	1133.5	1168.5	1207.9
1178.0	47.5°	1143.3	1108.7	1082.6	1056.3	1047.9	1039.4	1054.8	1070.3	1100.4	1151.2
1125.2	50°	1094.2	1063.2	1038.5	1013.8	1000.5	987.3	1000.9	1014.6	1049.6	1116.4
1089.0	52.5°	1060.0	1031.1	1008.5	985.9	966.0	946.1	959.6	973.1	1022.1	1098.9
1064.2	55°	1038.9	1013.6	989.2	964.8	936.6	908.3	929.6	951.1	1024.8	1096.3
1043.7	57.5°	1018.6	993.6	964.9	936.3	905.9	875.5	906.6	937.8	1027.6	1090.6
1014.6	60°	989.1	963.7	930.7	897.8	871.2	844.5	885.0	925.4	1018.9	1060.5
974.8	62.5°	947.7	920.5	882.1	843.7	826.8	809.9	860.3	910.9	997.7	1002.8
920.1	65°	894.1	868.1	827.0	785.9	779.4	772.9	826.6	880.3	946.5	945.9
857.5	67.5°	832.9	808.3	770.3	732.3	734.4	736.4	781.1	825.9	863.0	864.8
788.2	70°	767.0	745.7	712.3	678.9	686.0	693.1	724.9	756.7	768.9	768.9
706.3	72.5°	687.1	667.9	641.7	615.4	625.7	636.1	657.9	679.7	679.6	671.8
612.6	75°	595.2	577.8	558.3	538.8	548.8	558.7	575.5	592.3	595.3	559.7
519.3	77.5°	504.3	489.4	473.6	457.7	467.7	477.8	491.3	504.7	506.3	447.7
416.9	80°	404.3	391.7	378.6	365.4	373.9	382.3	393.6	404.9	405.1	335.1
263.8	82.5°	268.2	272.6	273.7	274.8	280.8	286.8	292.3	297.8	294.5	234.7
135.0	85°	147.2	159.5	165.2	170.9	177.6	184.3	190.2	196.1	191.7	147.2
60.2	87.5°	69.6	78.9	79.1	79.4	80.6	81.9	84.3	86.6	81.1	62.6
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):**

325°		330°	335°	340°	345°	350°	355°	360°
2052.0	0°	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0	2052.0
2083.4	2.5°	2100.7	2118.8	2136.9	2154.9	2172.9	2189.8	2206.8
2113.5	5°	2148.5	2186.0	2223.5	2260.8	2298.1	2335.5	2372.9
2142.5	7.5°	2191.4	2246.9	2302.4	2359.5	2416.5	2478.1	2539.9
2168.4	10°	2226.2	2293.7	2361.1	2436.4	2511.7	2589.8	2667.8
2179.5	12.5°	2245.0	2324.5	2404.0	2489.4	2574.7	2660.4	2746.2
2170.9	15°	2246.7	2338.3	2429.8	2522.5	2615.1	2704.4	2793.8
2133.5	17.5°	2224.6	2330.9	2437.3	2538.3	2639.3	2729.9	2820.6
2069.0	20°	2182.0	2310.8	2439.6	2550.6	2661.7	2755.9	2850.1
1993.4	22.5°	2129.4	2286.1	2442.8	2567.3	2691.8	2788.1	2884.4
1908.9	25°	2068.2	2261.7	2455.2	2597.6	2739.9	2834.1	2928.4
1831.6	27.5°	2009.5	2245.4	2481.2	2644.8	2808.4	2898.4	2988.3
1767.1	30°	1958.5	2237.7	2516.8	2706.0	2895.2	2982.1	3069.0
1711.4	32.5°	1908.9	2228.3	2547.5	2769.9	2992.2	3078.2	3164.3
1656.7	35°	1851.1	2210.5	2570.0	2842.6	3115.2	3197.7	3280.0
1592.3	37.5°	1776.6	2180.0	2583.4	2924.1	3264.8	3369.9	3474.9
1515.4	40°	1684.3	2138.0	2591.8	3027.6	3463.3	3616.3	3769.4
1430.6	42.5°	1581.8	2094.7	2607.8	3162.9	3718.1	3939.0	4160.0
1340.5	45°	1473.1	2054.5	2635.9	3341.1	4046.2	4344.2	4642.3
1269.3	47.5°	1387.3	2021.3	2655.2	3530.8	4406.5	4826.0	5245.5
1221.9	50°	1327.4	1985.0	2642.6	3706.9	4771.2	5403.7	6036.0
1190.8	52.5°	1282.7	1923.8	2565.1	3821.2	5077.3	6010.4	6943.6
1168.2	55°	1240.0	1822.4	2404.8	3796.0	5187.2	6548.4	7909.7
1141.4	57.5°	1192.2	1679.4	2166.6	3618.7	5070.9	6929.7	8788.5
1100.4	60°	1140.4	1493.8	1847.2	3288.7	4730.2	7025.0	9319.6
1029.2	62.5°	1055.8	1271.5	1487.3	2842.5	4197.6	6623.8	9049.9
958.4	65°	970.9	1071.6	1172.3	2387.2	3602.1	6056.1	8510.1
857.8	67.5°	850.8	879.5	908.1	1941.2	2974.3	5380.6	7786.9
736.6	70°	704.1	696.0	687.8	1528.4	2369.0	4643.5	6918.0
625.9	72.5°	579.9	555.2	530.6	1168.5	1806.4	3844.4	5882.5
508.2	75°	456.7	434.3	412.0	848.1	1284.1	2928.4	4572.6
397.7	77.5°	347.7	332.4	317.2	574.7	832.2	2049.6	3267.0
292.8	80°	250.4	244.1	237.8	370.2	502.8	1320.5	2138.3
203.5	82.5°	172.3	171.0	169.9	227.7	285.7	764.3	1243.0
124.4	85°	101.6	102.2	102.8	121.7	140.8	343.8	546.9
53.2	87.5°	43.9	44.5	45.0	50.5	55.9	112.6	169.3
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)