

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: P952129

Luminaire Tested: **GALN-SB6A-827-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P952129
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-SB6A-827-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 80 CRI, 2700K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23569 lumens
Efficiency: N/A
Efficacy: 137.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

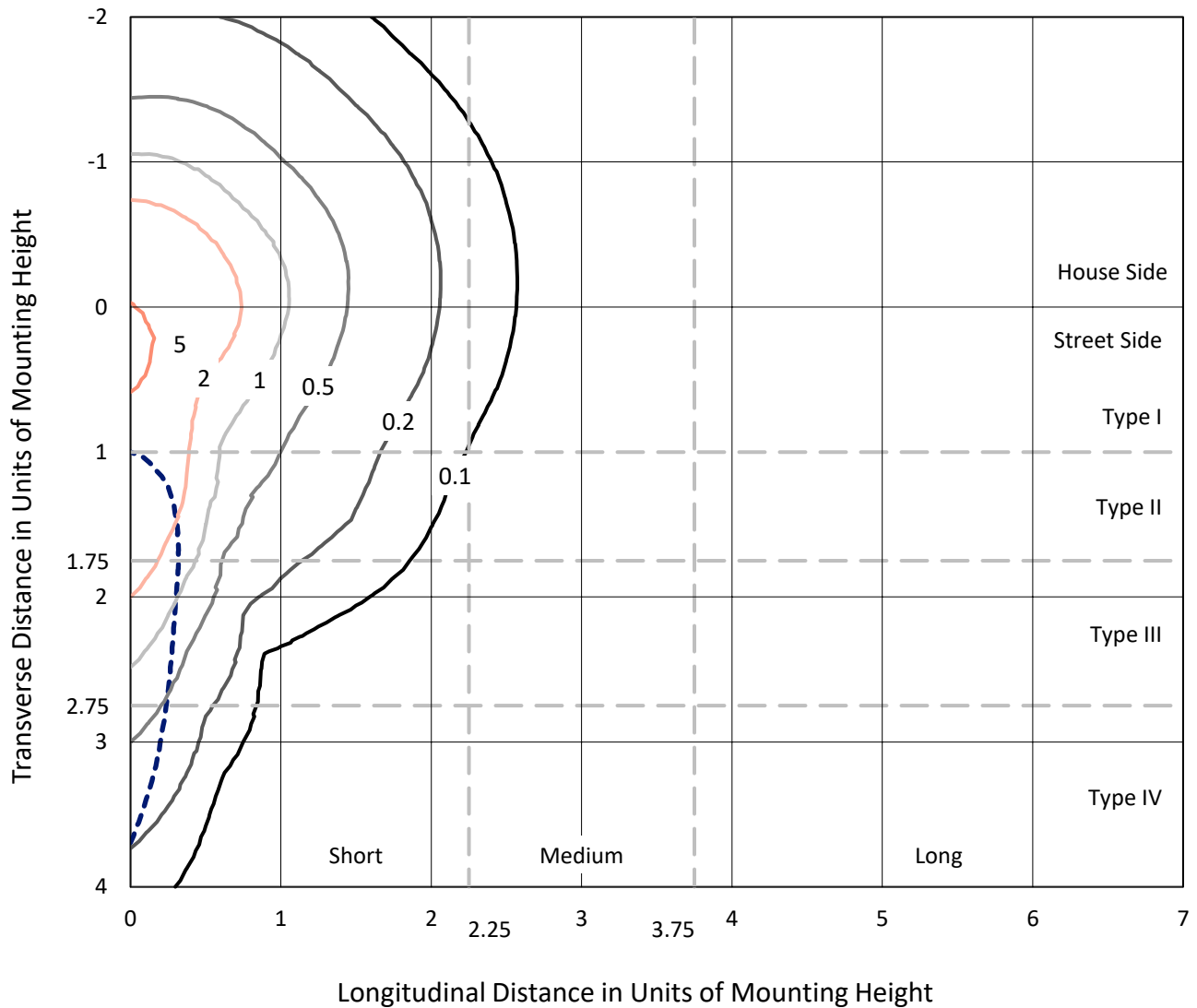
Input Watts (W): 170.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

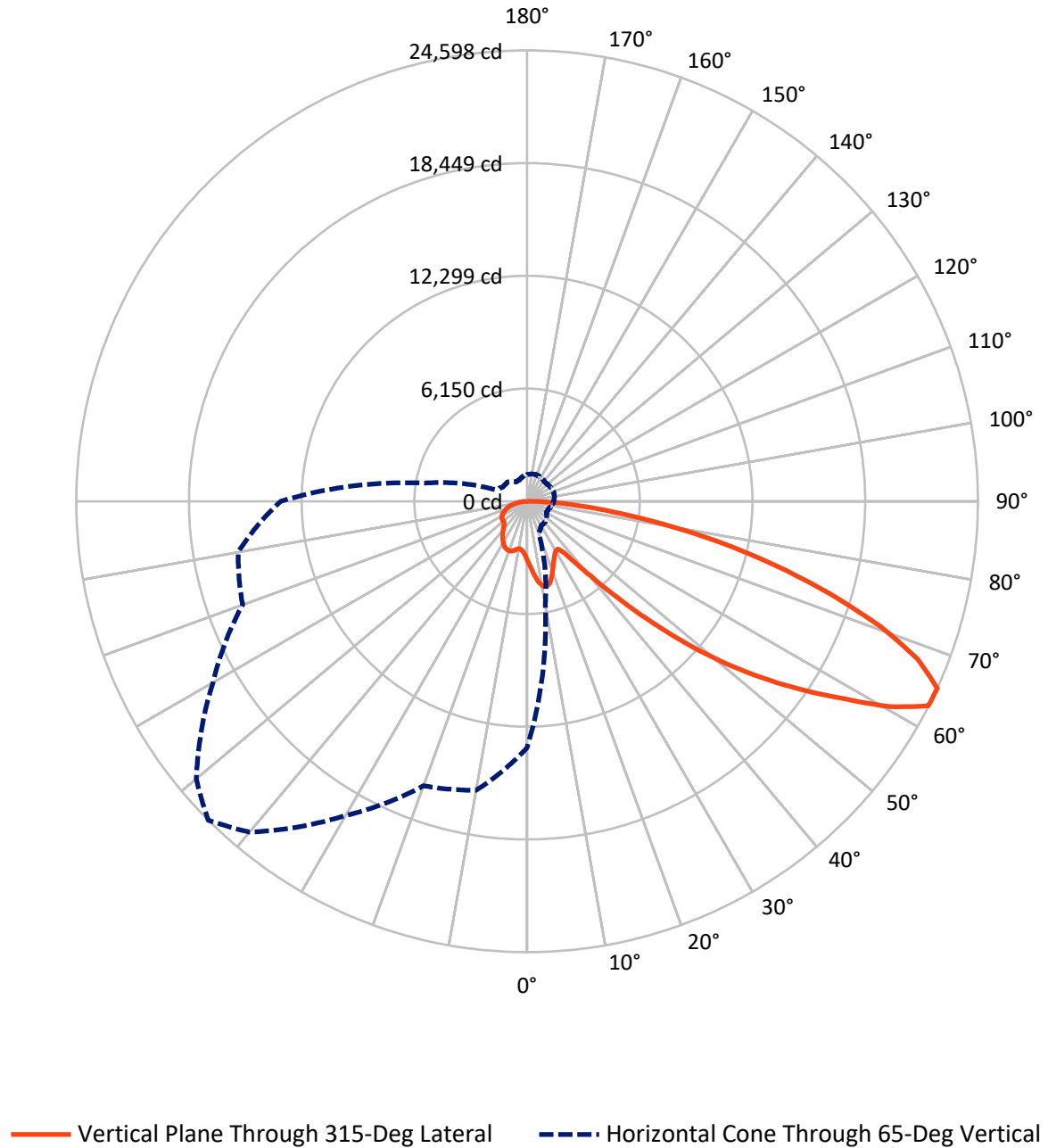
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.4 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5990.1	0.0	5990.1
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	17579.0	0.0	17579.0
	% Fixture	74.6	0.0	74.6
Total	Lumens	23569.0	0.0	23569.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	321.5	1.4
10°-20°	1009.3	4.3
20°-30°	1558.9	6.6
30°-40°	1975.6	8.4
40°-50°	2979.7	12.6
50°-60°	4814.1	20.4
60°-70°	6001.5	25.5
70°-80°	3935.5	16.7
80°-90°	973.0	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°	23569.0	100.0
0°-180°	23569.0	100.0

Coefficient of Utilization



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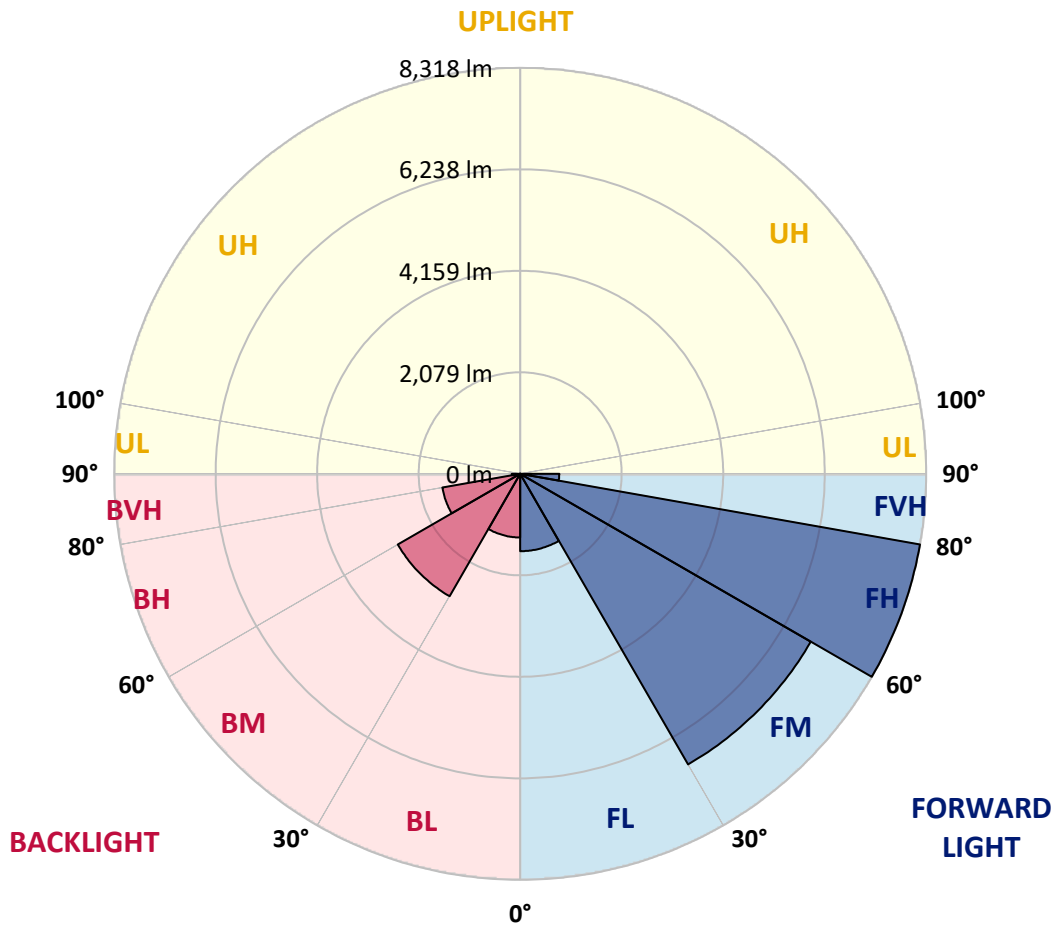
CATALOG NUMBER: GALN-SB6A-827-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1585.3	6.7			
FM (30°-60°)	6874.6	29.2			
FH (60°-80°)	8317.6	35.3			G4/12000
FVH (80°-90°)	801.5	3.4			G5
BL (0°-30°)	1304.4	5.5	B3/2500		
BM (30°-60°)	2894.8	12.3	B3/5000		
BH (60°-80°)	1619.4	6.9	B3/2500		G3/2500
BVH (80°-90°)	171.5	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-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9
2.5°	3485.3	3458.6	3431.8	3403.4	3375.0	3346.4	3317.8	3290.4	3263.1	3236.6
5°	3747.7	3688.7	3629.6	3570.6	3511.8	3452.5	3393.3	3337.9	3282.6	3230.4
7.5°	4011.4	3913.9	3816.5	3726.5	3636.4	3548.7	3461.1	3383.8	3306.6	3235.3
10°	4213.5	4090.2	3967.0	3848.0	3729.1	3622.6	3516.0	3424.8	3333.2	3245.3
12.5°	4337.2	4201.8	4066.5	3931.7	3796.9	3671.2	3545.6	3442.3	3338.9	3246.5
15°	4412.5	4271.3	4130.1	3983.9	3837.6	3693.0	3548.4	3428.7	3309.1	3206.7
17.5°	4454.7	4311.6	4168.5	4008.9	3849.3	3681.4	3513.5	3369.7	3225.8	3105.4
20°	4501.4	4352.6	4203.8	4028.4	3853.1	3649.6	3446.1	3267.8	3089.5	2949.3
22.5°	4555.5	4403.5	4251.4	4054.8	3858.0	3610.6	3363.1	3148.3	2933.5	2774.0
25°	4625.1	4476.1	4327.3	4102.5	3877.7	3572.0	3266.4	3014.8	2763.4	2599.8
27.5°	4719.6	4577.6	4435.5	4177.2	3918.7	3546.3	3173.8	2892.8	2611.9	2463.0
30°	4847.1	4709.8	4572.6	4273.8	3974.9	3534.2	3093.2	2790.9	2488.5	2363.5
32.5°	4997.6	4861.7	4725.9	4374.6	4023.4	3519.3	3014.8	2702.9	2390.9	2290.2
35°	5180.4	5050.3	4920.1	4489.6	4059.0	3491.2	2923.6	2616.5	2309.4	2225.5
37.5°	5488.2	5322.3	5156.4	4618.3	4080.2	3443.0	2805.9	2514.8	2223.6	2150.3
40°	5953.3	5711.6	5469.8	4781.7	4093.5	3376.7	2660.2	2393.4	2126.6	2060.1
42.5°	6570.2	6221.2	5872.2	4995.5	4118.7	3308.3	2498.2	2259.5	2020.7	1959.4
45°	7331.9	6861.2	6390.5	5276.8	4163.1	3244.8	2326.6	2117.2	1907.8	1845.6
47.5°	8284.5	7622.1	6959.4	5576.5	4193.6	3192.3	2191.1	2004.6	1818.2	1738.0
50°	9533.2	8534.4	7535.5	5854.6	4173.7	3135.1	2096.5	1929.9	1763.2	1657.8
52.5°	10966.5	9492.7	8019.0	6035.2	4051.2	3038.5	2025.9	1880.6	1735.5	1614.3
55°	12492.4	10342.4	8192.5	5995.4	3798.1	2878.3	1958.5	1844.9	1731.4	1618.6
57.5°	13880.3	10944.6	8008.8	5715.3	3421.9	2652.4	1882.9	1802.7	1722.4	1623.0
60°	14719.2	11095.1	7470.8	5194.1	2917.3	2359.2	1801.0	1738.0	1674.9	1609.3
62.5°	14293.2	10461.4	6629.6	4489.3	2349.0	2008.2	1667.5	1625.6	1583.8	1575.7
65°	13440.7	9564.9	5689.1	3770.2	1851.5	1692.5	1533.4	1513.6	1493.9	1494.9
67.5°	12298.4	8498.0	4697.5	3065.8	1434.2	1389.0	1343.8	1354.8	1365.8	1363.0
70°	10926.0	7333.8	3741.5	2413.9	1086.3	1099.3	1112.1	1163.3	1214.4	1214.4
72.5°	9290.7	6071.7	2852.9	1845.4	838.0	876.9	915.9	988.6	1061.1	1073.3
75°	7221.9	4625.0	2028.1	1339.4	650.7	686.0	721.3	802.6	884.0	940.2
77.5°	5159.9	3237.1	1314.3	907.6	500.9	524.9	549.1	628.0	707.0	799.7
80°	3377.1	2085.6	794.1	584.8	375.6	385.5	395.5	462.4	529.2	639.9
82.5°	1963.1	1207.1	451.2	359.7	268.4	270.1	272.1	321.4	370.6	465.1
85°	863.7	543.0	222.4	192.3	162.3	161.4	160.4	196.5	232.6	302.8
87.5°	267.4	177.8	88.3	79.7	71.1	70.3	69.4	84.1	98.9	128.1
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°
3240.9	0°	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9
3207.1	2.5°	3183.2	3159.5	3138.0	3116.6	3097.8	3079.0	3060.1	3041.3	3026.8	3012.1
3178.8	5°	3133.7	3088.6	3050.8	3013.1	2979.8	2946.4	2916.2	2885.9	2862.6	2839.2
3168.6	7.5°	3108.6	3048.8	2999.1	2949.3	2907.4	2865.4	2828.3	2791.4	2763.6	2736.0
3173.5	10°	3110.4	3047.2	2997.4	2947.7	2902.5	2857.3	2815.6	2774.0	2740.9	2707.7
3179.8	12.5°	3128.0	3076.5	3043.4	3010.6	2975.0	2939.7	2896.6	2853.5	2811.3	2769.0
3153.3	15°	3128.5	3103.9	3108.4	3112.8	3103.6	3094.4	3057.0	3019.6	2959.4	2899.2
3072.4	17.5°	3081.5	3090.5	3144.7	3198.9	3227.8	3256.5	3226.3	3196.2	3116.5	3036.7
2940.6	20°	2982.9	3025.2	3119.3	3213.6	3273.9	3334.2	3320.3	3306.2	3215.1	3124.0
2791.0	22.5°	2853.5	2916.1	3023.6	3131.3	3209.7	3288.2	3296.7	3305.0	3217.9	3130.9
2645.9	25°	2718.0	2790.1	2886.8	2983.5	3060.7	3138.0	3166.8	3195.5	3124.2	3052.9
2519.0	27.5°	2588.6	2658.3	2737.8	2817.1	2879.0	2941.0	2973.1	3005.3	2954.4	2903.7
2407.4	30°	2462.7	2518.1	2584.0	2650.0	2701.3	2752.8	2778.9	2805.0	2766.4	2727.6
2309.7	32.5°	2342.4	2375.1	2427.7	2480.5	2529.7	2579.1	2608.0	2637.2	2601.6	2565.9
2217.4	35°	2226.4	2235.5	2275.6	2315.7	2364.4	2413.3	2448.1	2482.9	2457.6	2432.3
2120.7	37.5°	2110.7	2100.8	2129.6	2158.3	2207.0	2255.7	2298.8	2341.8	2330.1	2318.4
2014.7	40°	1992.2	1969.7	1990.5	2011.2	2058.2	2105.2	2154.7	2204.4	2207.2	2210.0
1902.2	42.5°	1872.3	1842.5	1859.4	1876.4	1920.9	1965.6	2019.1	2072.5	2086.8	2101.1
1790.2	45°	1761.1	1732.1	1746.3	1760.8	1803.0	1845.3	1900.8	1956.3	1976.8	1997.3
1690.4	47.5°	1666.0	1641.6	1655.0	1668.4	1709.8	1751.1	1805.8	1860.5	1884.1	1907.8
1602.4	50°	1580.8	1559.3	1580.2	1601.2	1640.2	1679.2	1728.2	1777.2	1807.5	1837.9
1536.9	52.5°	1515.5	1494.2	1525.7	1557.0	1592.9	1628.6	1674.2	1720.0	1755.9	1791.8
1502.1	55°	1468.2	1434.5	1479.2	1523.7	1562.3	1600.8	1640.9	1680.8	1718.8	1757.0
1481.2	57.5°	1431.9	1382.7	1430.7	1478.7	1524.0	1569.2	1608.8	1648.5	1686.9	1725.2
1461.5	60°	1397.7	1333.8	1376.0	1418.0	1470.0	1522.0	1562.1	1602.4	1641.0	1679.5
1438.6	62.5°	1358.8	1279.1	1305.8	1332.6	1393.1	1453.8	1496.7	1539.6	1575.0	1610.3
1390.4	65°	1305.6	1220.6	1231.0	1241.2	1306.1	1371.1	1412.2	1453.2	1484.3	1515.4
1304.3	67.5°	1233.7	1163.1	1159.8	1156.6	1216.5	1276.6	1315.5	1354.3	1381.2	1408.1
1195.1	70°	1144.9	1094.7	1083.5	1072.3	1125.0	1177.7	1211.3	1244.9	1269.1	1293.4
1073.5	72.5°	1039.1	1004.6	988.2	971.9	1013.4	1054.9	1085.2	1115.6	1139.3	1163.1
935.5	75°	909.0	882.4	866.7	850.9	881.7	912.6	940.1	967.6	989.2	1010.8
797.2	77.5°	775.9	754.6	738.7	722.8	747.9	772.9	796.6	820.2	842.9	865.6
639.5	80°	621.7	603.8	590.5	577.1	597.9	618.7	638.6	658.5	675.8	693.0
470.3	82.5°	461.6	452.9	443.5	434.0	432.3	430.6	423.6	416.6	453.4	490.2
309.7	85°	300.3	291.0	280.4	269.9	260.9	251.8	232.6	213.3	247.7	282.3
136.8	87.5°	133.1	129.3	127.3	125.4	125.0	124.6	109.9	95.1	109.6	124.1
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
3240.9	0°	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9
3000.3	2.5°	2988.5	2979.3	2970.1	2961.6	2953.0	2942.5	2953.0	2961.6	2970.1	2979.3
2823.0	5°	2806.7	2795.1	2783.5	2774.7	2765.9	2757.2	2765.9	2774.7	2783.5	2795.1
2716.6	7.5°	2697.2	2683.9	2670.7	2662.8	2654.9	2649.0	2654.9	2662.8	2670.7	2683.9
2686.0	10°	2664.1	2651.6	2639.0	2632.3	2625.6	2622.8	2625.6	2632.3	2639.0	2651.6
2741.0	12.5°	2713.0	2699.0	2685.0	2679.3	2673.6	2672.6	2673.6	2679.3	2685.0	2699.0
2856.7	15°	2814.1	2794.6	2775.2	2767.7	2760.3	2759.6	2760.3	2767.7	2775.2	2794.6
2974.1	17.5°	2911.4	2882.5	2853.5	2844.1	2834.5	2833.0	2834.5	2844.1	2853.5	2882.5
3047.2	20°	2970.4	2933.5	2896.5	2884.6	2872.8	2869.1	2872.8	2884.6	2896.5	2933.5
3051.8	22.5°	2972.6	2933.6	2894.6	2881.5	2868.5	2862.9	2868.5	2881.5	2894.6	2933.6
2982.5	25°	2912.4	2878.5	2844.8	2832.5	2820.3	2813.1	2820.3	2832.5	2844.8	2878.5
2849.1	27.5°	2794.5	2771.8	2749.1	2743.5	2737.9	2736.0	2737.9	2743.5	2749.1	2771.8
2688.5	30°	2649.2	2637.6	2626.0	2626.0	2626.0	2627.8	2626.0	2626.0	2626.0	2637.6
2534.7	32.5°	2503.5	2495.9	2488.3	2489.3	2490.4	2492.3	2490.4	2489.3	2488.3	2495.9
2403.5	35°	2374.7	2363.2	2351.7	2349.2	2346.8	2345.5	2346.8	2349.2	2351.7	2363.2
2291.9	37.5°	2265.3	2244.3	2223.4	2212.3	2201.3	2195.0	2201.3	2212.3	2223.4	2244.3
2187.4	40°	2164.9	2134.3	2104.0	2083.4	2063.0	2050.8	2063.0	2083.4	2104.0	2134.3
2082.1	42.5°	2063.2	2025.3	1987.3	1957.4	1927.4	1907.8	1927.4	1957.4	1987.3	2025.3
1980.1	45°	1963.1	1919.7	1876.4	1841.2	1806.0	1783.4	1806.0	1841.2	1876.4	1919.7
1895.8	47.5°	1883.9	1845.3	1806.8	1774.2	1741.7	1720.0	1741.7	1774.2	1806.8	1845.3
1837.1	50°	1836.6	1805.8	1774.9	1744.8	1714.7	1693.8	1714.7	1744.8	1774.9	1805.8
1798.3	52.5°	1804.8	1779.7	1754.5	1727.5	1700.7	1681.4	1700.7	1727.5	1754.5	1779.7
1766.0	55°	1774.9	1753.0	1731.2	1707.5	1683.9	1666.5	1683.9	1707.5	1731.2	1753.0
1734.3	57.5°	1743.3	1721.2	1699.1	1675.7	1652.2	1634.2	1652.2	1675.7	1699.1	1721.2
1689.5	60°	1699.4	1677.8	1656.3	1632.2	1608.0	1589.4	1608.0	1632.2	1656.3	1677.8
1619.8	62.5°	1629.4	1609.9	1590.4	1565.0	1539.6	1517.2	1539.6	1565.0	1590.4	1609.9
1525.2	65°	1534.9	1516.1	1497.3	1472.7	1448.2	1428.9	1448.2	1472.7	1497.3	1516.1
1417.6	67.5°	1427.1	1409.8	1392.6	1369.8	1346.9	1329.5	1346.9	1369.8	1392.6	1409.8
1302.6	70°	1311.8	1297.7	1283.7	1261.8	1239.9	1220.0	1239.9	1261.8	1283.7	1297.7
1174.0	72.5°	1184.9	1173.3	1161.6	1140.7	1119.9	1100.6	1119.9	1140.7	1161.6	1173.3
1022.3	75°	1033.7	1028.0	1022.3	1004.7	987.2	968.8	987.2	1004.7	1022.3	1028.0
876.3	77.5°	887.0	879.0	870.8	853.1	835.5	820.8	835.5	853.1	870.8	879.0
707.1	80°	721.3	717.8	714.5	690.7	666.8	639.2	666.8	690.7	714.5	717.8
514.4	82.5°	538.5	537.0	535.4	515.4	495.2	477.6	495.2	515.4	535.4	537.0
312.2	85°	342.0	339.5	337.0	321.4	305.7	289.8	305.7	321.4	337.0	339.5
136.2	87.5°	148.2	145.3	142.0	134.1	125.9	118.1	125.9	134.1	142.0	145.3
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°
3240.9	0°	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9
2988.5	2.5°	3000.3	3012.1	3026.8	3041.3	3060.1	3079.0	3097.8	3116.6	3138.0	3159.5
2806.7	5°	2823.0	2839.2	2862.6	2885.9	2916.2	2946.4	2979.8	3013.1	3050.8	3088.6
2697.2	7.5°	2716.6	2736.0	2763.6	2791.4	2828.3	2865.4	2907.4	2949.3	2999.1	3048.8
2664.1	10°	2686.0	2707.7	2740.9	2774.0	2815.6	2857.3	2902.5	2947.7	2997.4	3047.2
2713.0	12.5°	2741.0	2769.0	2811.3	2853.5	2896.6	2939.7	2975.0	3010.6	3043.4	3076.5
2814.1	15°	2856.7	2899.2	2959.4	3019.6	3057.0	3094.4	3103.6	3112.8	3108.4	3103.9
2911.4	17.5°	2974.1	3036.7	3116.5	3196.2	3226.3	3256.5	3227.8	3198.9	3144.7	3090.5
2970.4	20°	3047.2	3124.0	3215.1	3306.2	3320.3	3334.2	3273.9	3213.6	3119.3	3025.2
2972.6	22.5°	3051.8	3130.9	3217.9	3305.0	3296.7	3288.2	3209.7	3131.3	3023.6	2916.1
2912.4	25°	2982.5	3052.9	3124.2	3195.5	3166.8	3138.0	3060.7	2983.5	2886.8	2790.1
2794.5	27.5°	2849.1	2903.7	2954.4	3005.3	2973.1	2941.0	2879.0	2817.1	2737.8	2658.3
2649.2	30°	2688.5	2727.6	2766.4	2805.0	2778.9	2752.8	2701.3	2650.0	2584.0	2518.1
2503.5	32.5°	2534.7	2565.9	2601.6	2637.2	2608.0	2579.1	2529.7	2480.5	2427.7	2375.1
2374.7	35°	2403.5	2432.3	2457.6	2482.9	2448.1	2413.3	2364.4	2315.7	2275.6	2235.5
2265.3	37.5°	2291.9	2318.4	2330.1	2341.8	2298.8	2255.7	2207.0	2158.3	2129.6	2100.8
2164.9	40°	2187.4	2210.0	2207.2	2204.4	2154.7	2105.2	2058.2	2011.2	1990.5	1969.7
2063.2	42.5°	2082.1	2101.1	2086.8	2072.5	2019.1	1965.6	1920.9	1876.4	1859.4	1842.5
1963.1	45°	1980.1	1997.3	1976.8	1956.3	1900.8	1845.3	1803.0	1760.8	1746.3	1732.1
1883.9	47.5°	1895.8	1907.8	1884.1	1860.5	1805.8	1751.1	1709.8	1668.4	1655.0	1641.6
1836.6	50°	1837.1	1837.9	1807.5	1777.2	1728.2	1679.2	1640.2	1601.2	1580.2	1559.3
1804.8	52.5°	1798.3	1791.8	1755.9	1720.0	1674.2	1628.6	1592.9	1557.0	1525.7	1494.2
1774.9	55°	1766.0	1757.0	1718.8	1680.8	1640.9	1600.8	1562.3	1523.7	1479.2	1434.5
1743.3	57.5°	1734.3	1725.2	1686.9	1648.5	1608.8	1569.2	1524.0	1478.7	1430.7	1382.7
1699.4	60°	1689.5	1679.5	1641.0	1602.4	1562.1	1522.0	1470.0	1418.0	1376.0	1333.8
1629.4	62.5°	1619.8	1610.3	1575.0	1539.6	1496.7	1453.8	1393.1	1332.6	1305.8	1279.1
1534.9	65°	1525.2	1515.4	1484.3	1453.2	1412.2	1371.1	1306.1	1241.2	1231.0	1220.6
1427.1	67.5°	1417.6	1408.1	1381.2	1354.3	1315.5	1276.6	1216.5	1156.6	1159.8	1163.1
1311.8	70°	1302.6	1293.4	1269.1	1244.9	1211.3	1177.7	1125.0	1072.3	1083.5	1094.7
1184.9	72.5°	1174.0	1163.1	1139.3	1115.6	1085.2	1054.9	1013.4	971.9	988.2	1004.6
1033.7	75°	1022.3	1010.8	989.2	967.6	940.1	912.6	881.7	850.9	866.7	882.4
887.0	77.5°	876.3	865.6	842.9	820.2	796.6	772.9	747.9	722.8	738.7	754.6
721.3	80°	707.1	693.0	675.8	658.5	638.6	618.7	597.9	577.1	590.5	603.8
538.5	82.5°	514.4	490.2	453.4	416.6	423.6	430.6	432.3	434.0	443.5	452.9
342.0	85°	312.2	282.3	247.7	213.3	232.6	251.8	260.9	269.9	280.4	291.0
148.2	87.5°	136.2	124.1	109.6	95.1	109.9	124.6	125.0	125.4	127.3	129.3
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
3240.9	0°	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9
3183.2	2.5°	3207.1	3236.6	3263.1	3290.4	3317.8	3346.4	3375.0	3403.4	3431.8	3458.6
3133.7	5°	3178.8	3230.4	3282.6	3337.9	3393.3	3452.5	3511.8	3570.6	3629.6	3688.7
3108.6	7.5°	3168.6	3235.3	3306.6	3383.8	3461.1	3548.7	3636.4	3726.5	3816.5	3913.9
3110.4	10°	3173.5	3245.3	3333.2	3424.8	3516.0	3622.6	3729.1	3848.0	3967.0	4090.2
3128.0	12.5°	3179.8	3246.5	3338.9	3442.3	3545.6	3671.2	3796.9	3931.7	4066.5	4201.8
3128.5	15°	3153.3	3206.7	3309.1	3428.7	3548.4	3693.0	3837.6	3983.9	4130.1	4271.3
3081.5	17.5°	3072.4	3105.4	3225.8	3369.7	3513.5	3681.4	3849.3	4008.9	4168.5	4311.6
2982.9	20°	2940.6	2949.3	3089.5	3267.8	3446.1	3649.6	3853.1	4028.4	4203.8	4352.6
2853.5	22.5°	2791.0	2774.0	2933.5	3148.3	3363.1	3610.6	3858.0	4054.8	4251.4	4403.5
2718.0	25°	2645.9	2599.8	2763.4	3014.8	3266.4	3572.0	3877.7	4102.5	4327.3	4476.1
2588.6	27.5°	2519.0	2463.0	2611.9	2892.8	3173.8	3546.3	3918.7	4177.2	4435.5	4577.6
2462.7	30°	2407.4	2363.5	2488.5	2790.9	3093.2	3534.2	3974.9	4273.8	4572.6	4709.8
2342.4	32.5°	2309.7	2290.2	2390.9	2702.9	3014.8	3519.3	4023.4	4374.6	4725.9	4861.7
2226.4	35°	2217.4	2225.5	2309.4	2616.5	2923.6	3491.2	4059.0	4489.6	4920.1	5050.3
2110.7	37.5°	2120.7	2150.3	2223.6	2514.8	2805.9	3443.0	4080.2	4618.3	5156.4	5322.3
1992.2	40°	2014.7	2060.1	2126.6	2393.4	2660.2	3376.7	4093.5	4781.7	5469.8	5711.6
1872.3	42.5°	1902.2	1959.4	2020.7	2259.5	2498.2	3308.3	4118.7	4995.5	5872.2	6221.2
1761.1	45°	1790.2	1845.6	1907.8	2117.2	2326.6	3244.8	4163.1	5276.8	6390.5	6861.2
1666.0	47.5°	1690.4	1738.0	1818.2	2004.6	2191.1	3192.3	4193.6	5576.5	6959.4	7622.1
1580.8	50°	1602.4	1657.8	1763.2	1929.9	2096.5	3135.1	4173.7	5854.6	7535.5	8534.4
1515.5	52.5°	1536.9	1614.3	1735.5	1880.6	2025.9	3038.5	4051.2	6035.2	8019.0	9492.7
1468.2	55°	1502.1	1618.6	1731.4	1844.9	1958.5	2878.3	3798.1	5995.4	8192.5	10342.4
1431.9	57.5°	1481.2	1623.0	1722.4	1802.7	1882.9	2652.4	3421.9	5715.3	8008.8	10944.6
1397.7	60°	1461.5	1609.3	1674.9	1738.0	1801.0	2359.2	2917.3	5194.1	7470.8	11095.1
1358.8	62.5°	1438.6	1575.7	1583.8	1625.6	1667.5	2008.2	2349.0	4489.3	6629.6	10461.4
1305.6	65°	1390.4	1494.9	1493.9	1513.6	1533.4	1692.5	1851.5	3770.2	5689.1	9564.9
1233.7	67.5°	1304.3	1363.0	1365.8	1354.8	1343.8	1389.0	1434.2	3065.8	4697.5	8498.0
1144.9	70°	1195.1	1214.4	1214.4	1163.3	1112.1	1099.3	1086.3	2413.9	3741.5	7333.8
1039.1	72.5°	1073.5	1073.3	1061.1	988.6	915.9	876.9	838.0	1845.4	2852.9	6071.7
909.0	75°	935.5	940.2	884.0	802.6	721.3	686.0	650.7	1339.4	2028.1	4625.0
775.9	77.5°	797.2	799.7	707.0	628.0	549.1	524.9	500.9	907.6	1314.3	3237.1
621.7	80°	639.5	639.9	529.2	462.4	395.5	385.5	375.6	584.8	794.1	2085.6
461.6	82.5°	470.3	465.1	370.6	321.4	272.1	270.1	268.4	359.7	451.2	1207.1
300.3	85°	309.7	302.8	232.6	196.5	160.4	161.4	162.3	192.3	222.4	543.0
133.1	87.5°	136.8	128.1	98.9	84.1	69.4	70.3	71.1	79.7	88.3	177.8
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
3240.9	0°	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9
3485.3	2.5°	3498.5	3511.8	3530.6	3549.4	3560.6	3571.8	3577.3	3582.9	3580.5	3582.9
3747.7	5°	3793.9	3840.1	3885.9	3931.8	3956.7	3981.5	3996.6	4011.8	4023.2	4011.8
4011.4	7.5°	4086.5	4161.5	4229.0	4296.5	4337.2	4377.9	4399.9	4421.8	4432.4	4421.8
4213.5	10°	4302.3	4391.1	4470.3	4549.5	4597.5	4645.3	4666.7	4687.9	4696.0	4687.9
4337.2	12.5°	4433.5	4529.6	4601.2	4672.6	4707.4	4742.3	4754.0	4765.7	4766.9	4765.7
4412.5	15°	4495.5	4578.5	4623.4	4668.4	4669.6	4670.9	4658.4	4646.0	4631.3	4646.0
4454.7	17.5°	4510.8	4566.9	4567.8	4568.5	4518.2	4467.8	4421.7	4375.4	4342.8	4375.4
4501.4	20°	4520.9	4540.6	4481.5	4422.4	4311.2	4200.0	4119.1	4038.1	3988.4	4038.1
4555.5	22.5°	4529.9	4504.2	4381.9	4259.5	4095.9	3932.4	3831.2	3729.9	3675.0	3729.9
4625.1	25°	4544.3	4463.4	4277.6	4091.8	3893.2	3694.6	3588.2	3482.0	3430.0	3482.0
4719.6	27.5°	4575.1	4430.5	4184.4	3938.4	3718.3	3498.1	3393.4	3288.8	3239.7	3288.8
4847.1	30°	4631.6	4416.2	4113.2	3810.3	3581.0	3351.6	3254.5	3157.4	3111.6	3157.4
4997.6	32.5°	4702.5	4407.5	4064.7	3722.0	3506.5	3290.9	3214.7	3138.3	3105.4	3138.3
5180.4	35°	4819.3	4458.2	4101.0	3744.0	3594.3	3444.6	3426.9	3409.1	3406.3	3409.1
5488.2	37.5°	5063.4	4638.5	4314.0	3989.4	3979.7	3970.0	4051.3	4132.6	4174.9	4132.6
5953.3	40°	5491.3	5029.3	4787.9	4546.5	4716.9	4887.3	5085.0	5282.8	5381.3	5282.8
6570.2	42.5°	6111.8	5653.4	5514.3	5375.3	5746.9	6118.5	6478.2	6837.8	7049.0	6837.8
7331.9	45°	6920.1	6508.2	6446.9	6385.5	6980.8	7576.3	8167.3	8758.4	9117.2	8758.4
8284.5	47.5°	7884.0	7483.3	7470.8	7458.4	8317.3	9175.9	10041.1	10906.2	11414.2	10906.2
9533.2	50°	9038.3	8543.6	8545.7	8547.8	9654.7	10761.5	11903.6	13045.6	13736.1	13045.6
10966.5	52.5°	10367.3	9768.2	9707.6	9647.0	10969.1	12291.2	13704.2	15117.1	15944.8	15117.1
12492.4	55°	11900.4	11308.5	11072.3	10836.1	12307.6	13779.0	15463.5	17148.0	18132.4	17148.0
13880.3	57.5°	13558.0	13235.5	12761.8	12288.2	13774.0	15259.8	17167.8	19075.7	20296.3	19075.7
14719.2	60°	15219.9	15720.7	15132.4	14544.2	15950.3	17356.3	19399.1	21441.9	22761.2	21441.9
14293.2	62.5°	15661.4	17029.5	16963.2	16896.8	18184.8	19473.0	21416.6	23360.0	24579.4	23360.0
13440.7	65°	14724.8	16008.8	16262.9	16516.9	18153.7	19790.8	21675.4	23559.9	24598.1	23559.9
12298.4	67.5°	13519.7	14740.9	14860.1	14979.1	16684.6	18390.0	20282.7	22175.4	22988.8	22175.4
10926.0	70°	12254.4	13582.8	13636.1	13689.4	15214.6	16739.7	18368.5	19997.2	20449.3	19997.2
9290.7	72.5°	10815.0	12339.5	12377.8	12415.9	13609.2	14802.5	16022.4	17242.2	17287.9	17242.2
7221.9	75°	8799.5	10377.2	10518.9	10660.5	11588.9	12517.3	13376.0	14234.8	14004.7	14234.8
5159.9	77.5°	6632.6	8105.5	8308.2	8510.9	9216.7	9922.4	10531.4	11140.6	10745.1	11140.6
3377.1	80°	4616.2	5855.1	6107.0	6359.0	6892.0	7424.8	7744.7	8064.4	7428.3	8064.4
1963.1	82.5°	2810.1	3657.3	3938.8	4220.3	4587.2	4954.1	5087.5	5220.8	4720.9	5220.8
863.7	85°	1313.3	1762.9	2002.3	2241.7	2543.1	2844.5	2920.2	2995.9	2595.5	2995.9
267.4	87.5°	418.5	569.6	703.2	836.7	987.5	1138.2	1144.7	1151.0	966.3	1151.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

325°		330°	335°	340°	345°	350°	355°	360°
3240.9	0°	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9
3577.3	2.5°	3571.8	3560.6	3549.4	3530.6	3511.8	3498.5	3485.3
3996.6	5°	3981.5	3956.7	3931.8	3885.9	3840.1	3793.9	3747.7
4399.9	7.5°	4377.9	4337.2	4296.5	4229.0	4161.5	4086.5	4011.4
4666.7	10°	4645.3	4597.5	4549.5	4470.3	4391.1	4302.3	4213.5
4754.0	12.5°	4742.3	4707.4	4672.6	4601.2	4529.6	4433.5	4337.2
4658.4	15°	4670.9	4669.6	4668.4	4623.4	4578.5	4495.5	4412.5
4421.7	17.5°	4467.8	4518.2	4568.5	4567.8	4566.9	4510.8	4454.7
4119.1	20°	4200.0	4311.2	4422.4	4481.5	4540.6	4520.9	4501.4
3831.2	22.5°	3932.4	4095.9	4259.5	4381.9	4504.2	4529.9	4555.5
3588.2	25°	3694.6	3893.2	4091.8	4277.6	4463.4	4544.3	4625.1
3393.4	27.5°	3498.1	3718.3	3938.4	4184.4	4430.5	4575.1	4719.6
3254.5	30°	3351.6	3581.0	3810.3	4113.2	4416.2	4631.6	4847.1
3214.7	32.5°	3290.9	3506.5	3722.0	4064.7	4407.5	4702.5	4997.6
3426.9	35°	3444.6	3594.3	3744.0	4101.0	4458.2	4819.3	5180.4
4051.3	37.5°	3970.0	3979.7	3989.4	4314.0	4638.5	5063.4	5488.2
5085.0	40°	4887.3	4716.9	4546.5	4787.9	5029.3	5491.3	5953.3
6478.2	42.5°	6118.5	5746.9	5375.3	5514.3	5653.4	6111.8	6570.2
8167.3	45°	7576.3	6980.8	6385.5	6446.9	6508.2	6920.1	7331.9
10041.1	47.5°	9175.9	8317.3	7458.4	7470.8	7483.3	7884.0	8284.5
11903.6	50°	10761.5	9654.7	8547.8	8545.7	8543.6	9038.3	9533.2
13704.2	52.5°	12291.2	10969.1	9647.0	9707.6	9768.2	10367.3	10966.5
15463.5	55°	13779.0	12307.6	10836.1	11072.3	11308.5	11900.4	12492.4
17167.8	57.5°	15259.8	13774.0	12288.2	12761.8	13235.5	13558.0	13880.3
19399.1	60°	17356.3	15950.3	14544.2	15132.4	15720.7	15219.9	14719.2
21416.6	62.5°	19473.0	18184.8	16896.8	16963.2	17029.5	15661.4	14293.2
21675.4	65°	19790.8	18153.7	16516.9	16262.9	16008.8	14724.8	13440.7
20282.7	67.5°	18390.0	16684.6	14979.1	14860.1	14740.9	13519.7	12298.4
18368.5	70°	16739.7	15214.6	13689.4	13636.1	13582.8	12254.4	10926.0
16022.4	72.5°	14802.5	13609.2	12415.9	12377.8	12339.5	10815.0	9290.7
13376.0	75°	12517.3	11588.9	10660.5	10518.9	10377.2	8799.5	7221.9
10531.4	77.5°	9922.4	9216.7	8510.9	8308.2	8105.5	6632.6	5159.9
7744.7	80°	7424.8	6892.0	6359.0	6107.0	5855.1	4616.2	3377.1
5087.5	82.5°	4954.1	4587.2	4220.3	3938.8	3657.3	2810.1	1963.1
2920.2	85°	2844.5	2543.1	2241.7	2002.3	1762.9	1313.3	863.7
1144.7	87.5°	1138.2	987.5	836.7	703.2	569.6	418.5	267.4
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)