

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: P948475

Luminaire Tested: **GALN-SB3C-735-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P948475
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-SB3C-735-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22390 lumens
Efficiency: N/A
Efficacy: 150.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

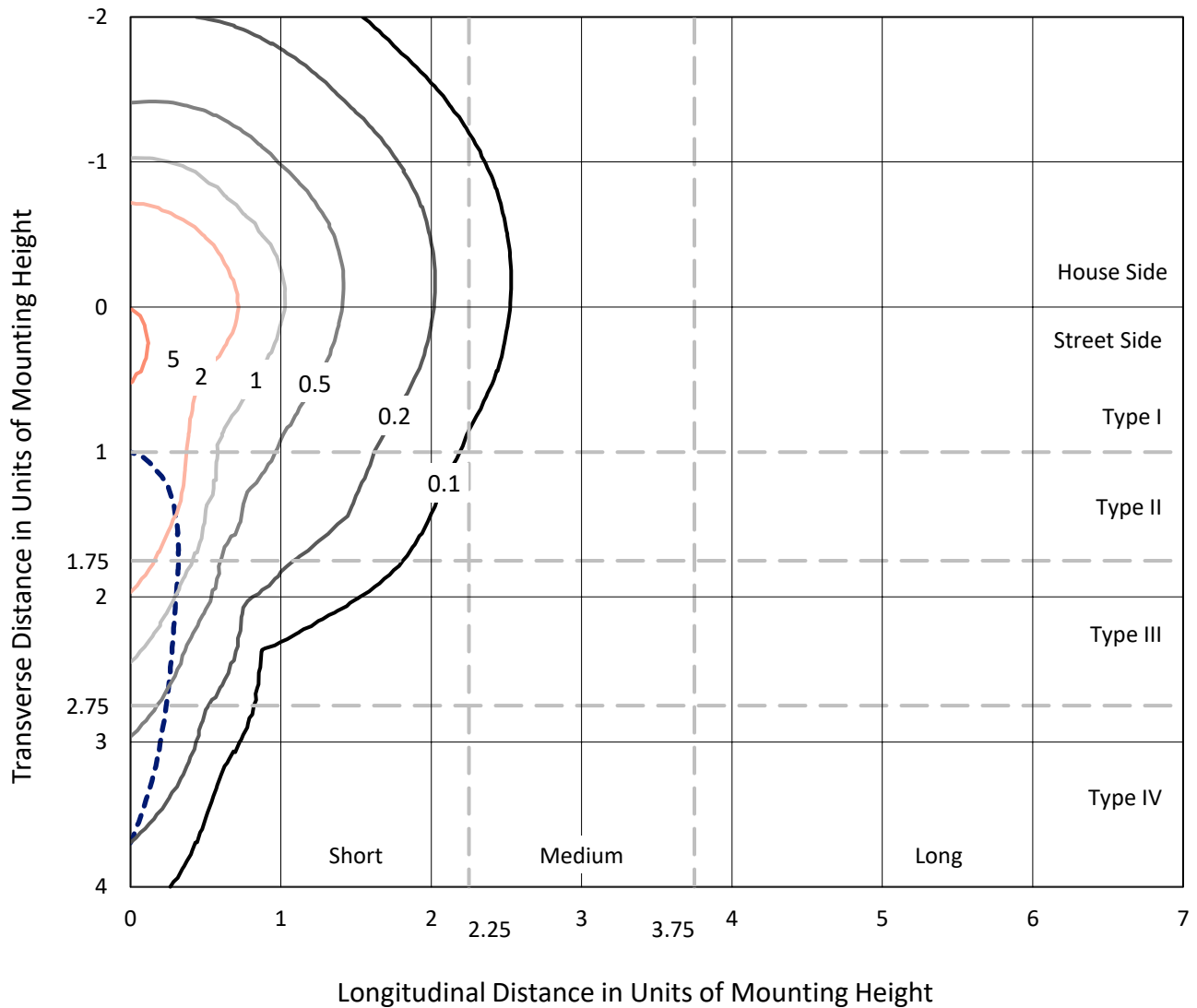
Input Watts (W): 149.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

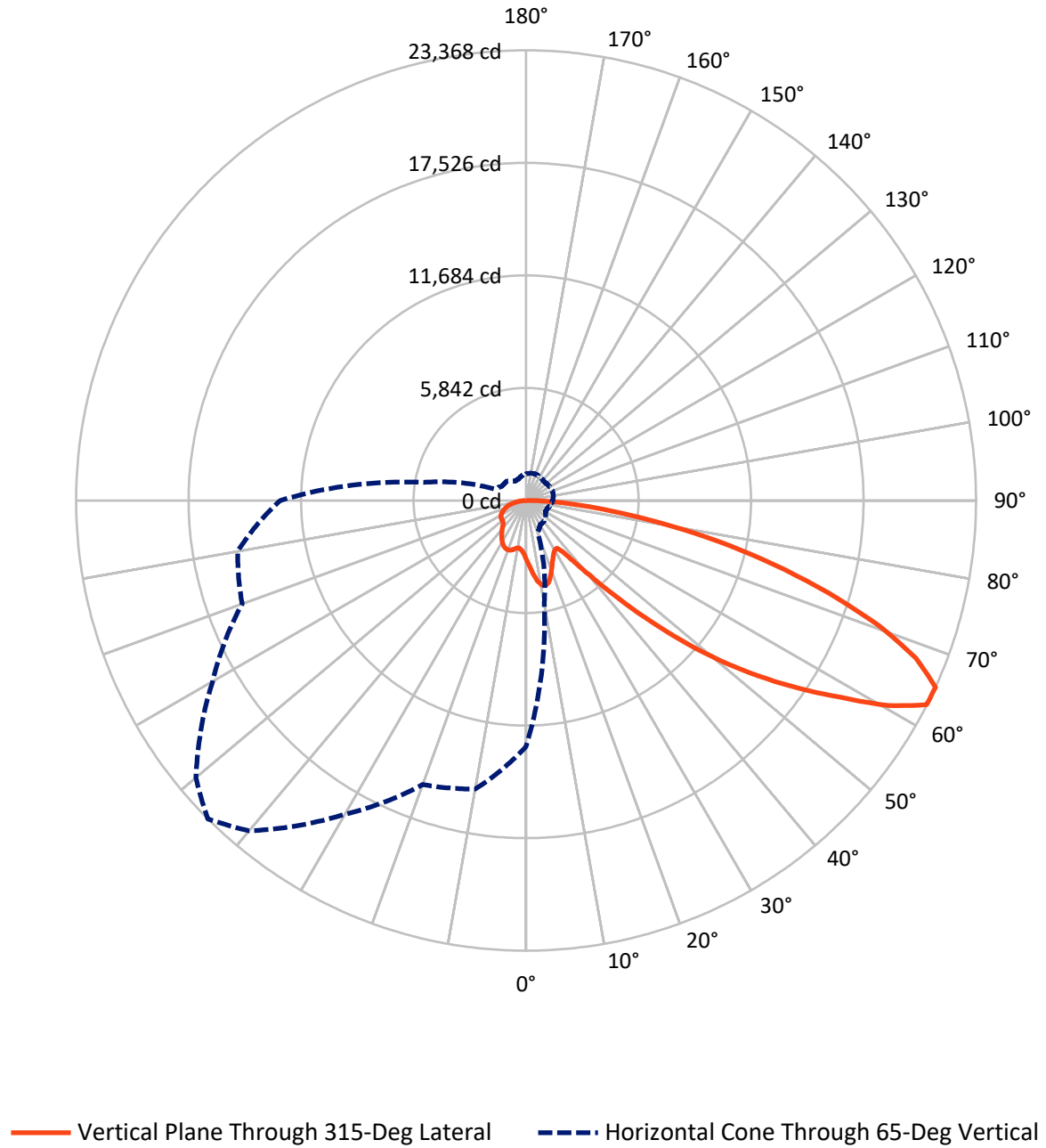
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.1 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	5690.4	0.0	5690.4
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	16699.6	0.0	16699.6
	% Fixture	74.6	0.0	74.6
Total	Lumens	22390.0	0.0	22390.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	305.4	1.4
10°-20°	958.8	4.3
20°-30°	1481.0	6.6
30°-40°	1876.7	8.4
40°-50°	2830.6	12.6
50°-60°	4573.3	20.4
60°-70°	5701.3	25.5
70°-80°	3738.6	16.7
80°-90°	924.3	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°	22390.0	100.0
0°-180°	22390.0	100.0



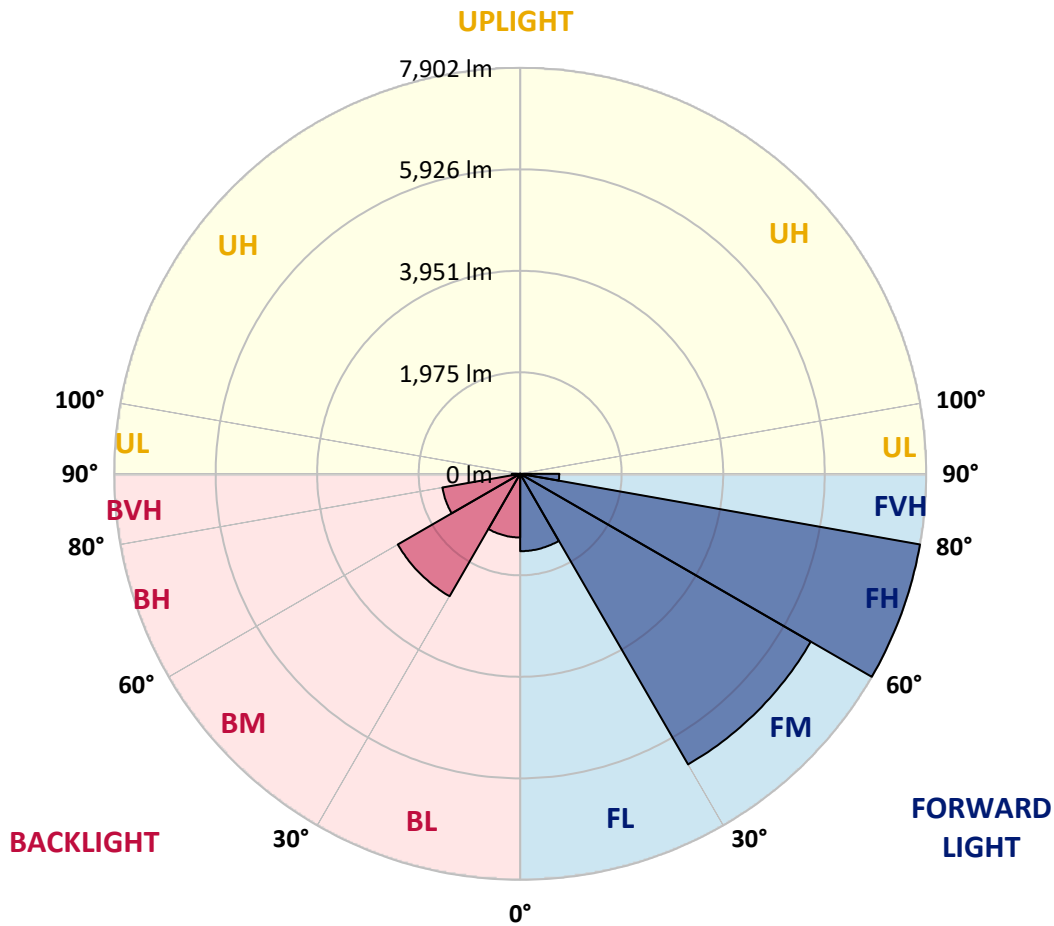
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1506.0	6.7			
FM (30°-60°)	6530.7	29.2			
FH (60°-80°)	7901.5	35.3			G4/12000
FVH (80°-90°)	761.4	3.4			G5
BL (0°-30°)	1239.2	5.5	B3/2500		
BM (30°-60°)	2750.0	12.3	B3/5000		
BH (60°-80°)	1538.4	6.9	B3/2500		G3/2500
BVH (80°-90°)	162.9	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°	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8
2.5°	3311.0	3285.6	3260.2	3233.1	3206.2	3179.0	3151.8	3125.8	3099.8	3074.7
5°	3560.3	3504.1	3448.0	3392.0	3336.1	3279.8	3223.5	3171.0	3118.4	3068.8
7.5°	3810.7	3718.1	3625.6	3540.0	3454.5	3371.2	3287.9	3214.6	3141.2	3073.5
10°	4002.7	3885.6	3768.5	3655.5	3542.5	3441.4	3340.2	3253.4	3166.5	3083.0
12.5°	4120.3	3991.6	3863.1	3735.0	3606.9	3487.6	3368.3	3270.1	3171.9	3084.1
15°	4191.7	4057.6	3923.5	3784.6	3645.7	3508.3	3370.9	3257.2	3143.6	3046.3
17.5°	4231.9	4095.9	3959.9	3808.4	3656.8	3497.3	3337.8	3201.1	3064.4	2950.0
20°	4276.2	4134.9	3993.5	3826.9	3660.3	3467.0	3273.8	3104.3	2934.9	2801.8
22.5°	4327.6	4183.2	4038.7	3851.9	3665.0	3429.9	3194.8	2990.8	2786.8	2635.2
25°	4393.8	4252.2	4110.8	3897.3	3683.7	3393.3	3103.0	2864.0	2625.1	2469.8
27.5°	4483.5	4348.6	4213.6	3968.2	3722.7	3368.9	3015.0	2748.1	2481.2	2339.8
30°	4604.6	4474.2	4343.9	4060.0	3776.1	3357.4	2938.5	2651.3	2364.1	2245.3
32.5°	4747.6	4618.5	4489.5	4155.8	3822.2	3343.2	2864.0	2567.7	2271.3	2175.6
35°	4921.3	4797.7	4674.0	4265.0	3856.0	3316.5	2777.3	2485.6	2193.9	2114.2
37.5°	5213.7	5056.1	4898.5	4387.3	3876.0	3270.8	2665.6	2389.0	2112.4	2042.7
40°	5655.5	5425.9	5196.2	4542.5	3888.7	3207.8	2527.1	2273.7	2020.3	1957.0
42.5°	6241.5	5910.0	5578.5	4745.6	3912.7	3142.9	2373.3	2146.4	1919.6	1861.3
45°	6965.1	6518.0	6070.8	5012.8	3954.9	3082.5	2210.2	2011.3	1812.3	1753.2
47.5°	7870.1	7240.8	6611.3	5297.6	3983.8	3032.6	2081.5	1904.4	1727.3	1651.1
50°	9056.3	8107.5	7158.5	5561.7	3964.9	2978.3	1991.7	1833.3	1675.0	1574.9
52.5°	10417.9	9017.9	7617.9	5733.3	3848.5	2886.5	1924.6	1786.6	1648.7	1533.5
55°	11867.5	9825.0	7782.7	5695.5	3608.1	2734.3	1860.5	1752.7	1644.8	1537.6
57.5°	13186.0	10397.1	7608.2	5429.4	3250.7	2519.8	1788.7	1712.5	1636.3	1541.8
60°	13982.9	10540.0	7097.1	4934.3	2771.4	2241.2	1711.0	1651.1	1591.2	1528.8
62.5°	13578.2	9938.1	6298.0	4264.7	2231.5	1907.8	1584.1	1544.3	1504.6	1496.9
65°	12768.4	9086.4	5404.5	3581.6	1758.9	1607.8	1456.7	1437.9	1419.1	1420.1
67.5°	11683.2	8072.9	4462.5	2912.5	1362.4	1319.5	1276.5	1287.1	1297.5	1294.9
70°	10379.5	6966.9	3554.3	2293.2	1032.0	1044.3	1056.4	1105.1	1153.7	1153.7
72.5°	8825.9	5768.0	2710.2	1753.1	796.1	833.0	870.1	939.1	1008.0	1019.6
75°	6860.6	4393.6	1926.7	1272.4	618.1	651.7	685.2	762.5	839.8	893.2
77.5°	4901.8	3075.2	1248.5	862.2	475.9	498.7	521.6	596.6	671.6	759.7
80°	3208.2	1981.3	754.3	555.5	356.8	366.2	375.7	439.3	502.7	607.8
82.5°	1864.9	1146.7	428.6	341.7	255.0	256.6	258.5	305.3	352.1	441.9
85°	820.5	515.8	211.2	182.6	154.2	153.4	152.4	186.7	220.9	287.7
87.5°	254.0	168.9	83.9	75.7	67.6	66.8	65.9	79.9	93.9	121.7
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°
3078.8	0°	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8
3046.7	2.5°	3024.0	3001.4	2981.0	2960.7	2942.8	2925.0	2907.0	2889.2	2875.4	2861.4
3019.7	5°	2977.0	2934.1	2898.2	2862.4	2830.7	2799.1	2770.3	2741.5	2719.4	2697.2
3010.1	7.5°	2953.1	2896.3	2849.0	2801.8	2762.0	2722.0	2686.8	2651.7	2625.4	2599.2
3014.8	10°	2954.8	2894.8	2847.5	2800.2	2757.3	2714.3	2674.8	2635.2	2603.8	2572.2
3020.7	12.5°	2971.5	2922.6	2891.2	2860.0	2826.2	2792.7	2751.7	2710.8	2670.6	2630.5
2995.5	15°	2972.0	2948.6	2952.9	2957.1	2948.4	2939.6	2904.1	2868.5	2811.3	2754.2
2918.7	17.5°	2927.4	2935.9	2987.4	3038.9	3066.3	3093.6	3064.9	3036.3	2960.6	2884.8
2793.5	20°	2833.7	2873.8	2963.3	3052.8	3110.1	3167.4	3154.2	3140.8	3054.2	2967.8
2651.4	22.5°	2710.8	2770.2	2872.3	2974.6	3049.2	3123.7	3131.7	3139.7	3057.0	2974.3
2513.5	25°	2582.0	2650.5	2742.3	2834.3	2907.6	2981.0	3008.4	3035.7	2967.9	2900.2
2393.0	27.5°	2459.2	2525.3	2600.8	2676.2	2735.0	2793.9	2824.3	2854.9	2806.6	2758.4
2287.0	30°	2339.5	2392.2	2454.8	2517.4	2566.2	2615.1	2639.9	2664.7	2628.0	2591.1
2194.2	32.5°	2225.2	2256.3	2306.3	2356.4	2403.2	2450.1	2477.6	2505.2	2471.4	2437.5
2106.5	35°	2115.0	2123.6	2161.8	2199.8	2246.1	2292.6	2325.7	2358.7	2334.6	2310.6
2014.6	37.5°	2005.1	1995.7	2023.1	2050.4	2096.6	2142.9	2183.8	2224.6	2213.5	2202.4
1913.9	40°	1892.5	1871.2	1890.9	1910.6	1955.3	1999.9	2047.0	2094.1	2096.8	2099.4
1807.0	42.5°	1778.6	1750.3	1766.4	1782.5	1824.8	1867.3	1918.1	1968.9	1982.4	1996.0
1700.7	45°	1673.0	1645.5	1659.0	1672.7	1712.8	1753.0	1805.7	1858.4	1877.9	1897.4
1605.8	47.5°	1582.6	1559.5	1572.3	1584.9	1624.2	1663.5	1715.4	1767.4	1789.9	1812.3
1522.3	50°	1501.7	1481.3	1501.1	1521.1	1558.2	1595.2	1641.7	1688.3	1717.1	1745.9
1460.0	52.5°	1439.7	1419.5	1449.4	1479.2	1513.2	1547.1	1590.4	1633.9	1668.1	1702.2
1426.9	55°	1394.8	1362.8	1405.2	1447.5	1484.1	1520.7	1558.8	1596.7	1632.9	1669.1
1407.1	57.5°	1360.3	1313.5	1359.1	1404.7	1447.7	1490.7	1528.3	1566.0	1602.5	1638.9
1388.4	60°	1327.8	1267.1	1307.1	1347.1	1396.5	1445.8	1484.0	1522.3	1558.9	1595.5
1366.7	62.5°	1290.8	1215.1	1240.5	1265.9	1323.4	1381.1	1421.9	1462.6	1496.2	1529.7
1320.8	65°	1240.3	1159.6	1169.4	1179.1	1240.7	1302.5	1341.5	1380.5	1410.0	1439.6
1239.1	67.5°	1172.0	1104.9	1101.8	1098.7	1155.7	1212.7	1249.7	1286.6	1312.1	1337.6
1135.4	70°	1087.6	1039.9	1029.3	1018.6	1068.7	1118.8	1150.7	1182.6	1205.7	1228.7
1019.8	72.5°	987.1	954.4	938.8	923.3	962.8	1002.1	1030.9	1059.7	1082.3	1104.9
888.7	75°	863.5	838.2	823.3	808.3	837.6	866.9	893.0	919.2	939.7	960.3
757.3	77.5°	737.1	716.9	701.8	686.6	710.5	734.3	756.7	779.2	800.8	822.3
607.5	80°	590.6	573.6	560.9	548.2	568.0	587.8	606.7	625.6	642.0	658.3
446.8	82.5°	438.5	430.3	421.3	412.3	410.7	409.0	402.4	395.8	430.8	465.7
294.2	85°	285.3	276.5	266.4	256.4	247.9	239.2	220.9	202.6	235.3	268.2
130.0	87.5°	126.4	122.9	121.0	119.1	118.7	118.4	104.4	90.4	104.1	117.9
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°
3078.8	0°	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8
2850.2	2.5°	2839.0	2830.2	2821.5	2813.5	2805.3	2795.3	2805.3	2813.5	2821.5	2830.2
2681.7	5°	2666.3	2655.3	2644.3	2635.9	2627.5	2619.2	2627.5	2635.9	2644.3	2655.3
2580.7	7.5°	2562.3	2549.7	2537.1	2529.6	2522.1	2516.5	2522.1	2529.6	2537.1	2549.7
2551.7	10°	2530.9	2518.9	2507.0	2500.6	2494.2	2491.6	2494.2	2500.6	2507.0	2518.9
2603.9	12.5°	2577.3	2563.9	2550.7	2545.3	2539.8	2538.9	2539.8	2545.3	2550.7	2563.9
2713.8	15°	2673.3	2654.8	2636.4	2629.3	2622.2	2621.6	2622.2	2629.3	2636.4	2654.8
2825.3	17.5°	2765.7	2738.3	2710.8	2701.8	2692.7	2691.3	2692.7	2701.8	2710.8	2738.3
2894.8	20°	2821.9	2786.8	2751.6	2740.3	2729.1	2725.6	2729.1	2740.3	2751.6	2786.8
2899.1	22.5°	2823.9	2786.9	2749.8	2737.4	2725.0	2719.7	2725.0	2737.4	2749.8	2786.9
2833.3	25°	2766.7	2734.5	2702.5	2690.8	2679.3	2672.4	2679.3	2690.8	2702.5	2734.5
2706.5	27.5°	2654.7	2633.2	2611.6	2606.2	2600.9	2599.2	2600.9	2606.2	2611.6	2633.2
2554.0	30°	2516.7	2505.7	2494.6	2494.6	2494.6	2496.4	2494.6	2494.6	2494.6	2505.7
2407.9	32.5°	2378.2	2371.0	2363.8	2364.8	2365.8	2367.6	2365.8	2364.8	2363.8	2371.0
2283.2	35°	2255.9	2245.0	2234.1	2231.7	2229.4	2228.2	2229.4	2231.7	2234.1	2245.0
2177.3	37.5°	2152.0	2132.0	2112.2	2101.7	2091.1	2085.2	2091.1	2101.7	2112.2	2132.0
2078.0	40°	2056.6	2027.6	1998.8	1979.1	1959.8	1948.2	1959.8	1979.1	1998.8	2027.6
1978.0	42.5°	1960.0	1924.0	1887.9	1859.5	1831.0	1812.3	1831.0	1859.5	1887.9	1924.0
1881.1	45°	1864.9	1823.7	1782.5	1749.1	1715.7	1694.2	1715.7	1749.1	1782.5	1823.7
1801.0	47.5°	1789.6	1753.0	1716.4	1685.4	1654.6	1633.9	1654.6	1685.4	1716.4	1753.0
1745.2	50°	1744.7	1715.4	1686.1	1657.6	1629.0	1609.1	1629.0	1657.6	1686.1	1715.4
1708.4	52.5°	1714.5	1690.6	1666.8	1641.1	1615.6	1597.3	1615.6	1641.1	1666.8	1690.6
1677.6	55°	1686.1	1665.3	1644.6	1622.1	1599.7	1583.1	1599.7	1622.1	1644.6	1665.3
1647.5	57.5°	1656.1	1635.1	1614.1	1591.9	1569.5	1552.4	1569.5	1591.9	1614.1	1635.1
1605.0	60°	1614.4	1593.9	1573.4	1550.5	1527.6	1509.9	1527.6	1550.5	1573.4	1593.9
1538.8	62.5°	1547.9	1529.4	1510.8	1486.7	1462.6	1441.3	1462.6	1486.7	1510.8	1529.4
1448.9	65°	1458.1	1440.3	1422.4	1399.1	1375.8	1357.5	1375.8	1399.1	1422.4	1440.3
1346.7	67.5°	1355.7	1339.3	1323.0	1301.2	1279.5	1263.0	1279.5	1301.2	1323.0	1339.3
1237.4	70°	1246.2	1232.8	1219.5	1198.7	1177.9	1159.0	1177.9	1198.7	1219.5	1232.8
1115.3	72.5°	1125.7	1114.6	1103.5	1083.6	1063.9	1045.6	1063.9	1083.6	1103.5	1114.6
971.1	75°	982.0	976.6	971.1	954.5	937.8	920.3	937.8	954.5	971.1	976.6
832.4	77.5°	842.6	835.0	827.2	810.5	793.7	779.7	793.7	810.5	827.2	835.0
671.8	80°	685.2	681.9	678.7	656.2	633.5	607.3	633.5	656.2	678.7	681.9
488.6	82.5°	511.6	510.1	508.6	489.6	470.4	453.7	470.4	489.6	508.6	510.1
296.5	85°	324.9	322.5	320.2	305.3	290.4	275.3	290.4	305.3	320.2	322.5
129.4	87.5°	140.8	138.0	134.9	127.4	119.6	112.2	119.6	127.4	134.9	138.0
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
3078.8	0°	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8
2839.0	2.5°	2850.2	2861.4	2875.4	2889.2	2907.0	2925.0	2942.8	2960.7	2981.0	3001.4
2666.3	5°	2681.7	2697.2	2719.4	2741.5	2770.3	2799.1	2830.7	2862.4	2898.2	2934.1
2562.3	7.5°	2580.7	2599.2	2625.4	2651.7	2686.8	2722.0	2762.0	2801.8	2849.0	2896.3
2530.9	10°	2551.7	2572.2	2603.8	2635.2	2674.8	2714.3	2757.3	2800.2	2847.5	2894.8
2577.3	12.5°	2603.9	2630.5	2670.6	2710.8	2751.7	2792.7	2826.2	2860.0	2891.2	2922.6
2673.3	15°	2713.8	2754.2	2811.3	2868.5	2904.1	2939.6	2948.4	2957.1	2952.9	2948.6
2765.7	17.5°	2825.3	2884.8	2960.6	3036.3	3064.9	3093.6	3066.3	3038.9	2987.4	2935.9
2821.9	20°	2894.8	2967.8	3054.2	3140.8	3154.2	3167.4	3110.1	3052.8	2963.3	2873.8
2823.9	22.5°	2899.1	2974.3	3057.0	3139.7	3131.7	3123.7	3049.2	2974.6	2872.3	2770.2
2766.7	25°	2833.3	2900.2	2967.9	3035.7	3008.4	2981.0	2907.6	2834.3	2742.3	2650.5
2654.7	27.5°	2706.5	2758.4	2806.6	2854.9	2824.3	2793.9	2735.0	2676.2	2600.8	2525.3
2516.7	30°	2554.0	2591.1	2628.0	2664.7	2639.9	2615.1	2566.2	2517.4	2454.8	2392.2
2378.2	32.5°	2407.9	2437.5	2471.4	2505.2	2477.6	2450.1	2403.2	2356.4	2306.3	2256.3
2255.9	35°	2283.2	2310.6	2334.6	2358.7	2325.7	2292.6	2246.1	2199.8	2161.8	2123.6
2152.0	37.5°	2177.3	2202.4	2213.5	2224.6	2183.8	2142.9	2096.6	2050.4	2023.1	1995.7
2056.6	40°	2078.0	2099.4	2096.8	2094.1	2047.0	1999.9	1955.3	1910.6	1890.9	1871.2
1960.0	42.5°	1978.0	1996.0	1982.4	1968.9	1918.1	1867.3	1824.8	1782.5	1766.4	1750.3
1864.9	45°	1881.1	1897.4	1877.9	1858.4	1805.7	1753.0	1712.8	1672.7	1659.0	1645.5
1789.6	47.5°	1801.0	1812.3	1789.9	1767.4	1715.4	1663.5	1624.2	1584.9	1572.3	1559.5
1744.7	50°	1745.2	1745.9	1717.1	1688.3	1641.7	1595.2	1558.2	1521.1	1501.1	1481.3
1714.5	52.5°	1708.4	1702.2	1668.1	1633.9	1590.4	1547.1	1513.2	1479.2	1449.4	1419.5
1686.1	55°	1677.6	1669.1	1632.9	1596.7	1558.8	1520.7	1484.1	1447.5	1405.2	1362.8
1656.1	57.5°	1647.5	1638.9	1602.5	1566.0	1528.3	1490.7	1447.7	1404.7	1359.1	1313.5
1614.4	60°	1605.0	1595.5	1558.9	1522.3	1484.0	1445.8	1396.5	1347.1	1307.1	1267.1
1547.9	62.5°	1538.8	1529.7	1496.2	1462.6	1421.9	1381.1	1323.4	1265.9	1240.5	1215.1
1458.1	65°	1448.9	1439.6	1410.0	1380.5	1341.5	1302.5	1240.7	1179.1	1169.4	1159.6
1355.7	67.5°	1346.7	1337.6	1312.1	1286.6	1249.7	1212.7	1155.7	1098.7	1101.8	1104.9
1246.2	70°	1237.4	1228.7	1205.7	1182.6	1150.7	1118.8	1068.7	1018.6	1029.3	1039.9
1125.7	72.5°	1115.3	1104.9	1082.3	1059.7	1030.9	1002.1	962.8	923.3	938.8	954.4
982.0	75°	971.1	960.3	939.7	919.2	893.0	866.9	837.6	808.3	823.3	838.2
842.6	77.5°	832.4	822.3	800.8	779.2	756.7	734.3	710.5	686.6	701.8	716.9
685.2	80°	671.8	658.3	642.0	625.6	606.7	587.8	568.0	548.2	560.9	573.6
511.6	82.5°	488.6	465.7	430.8	395.8	402.4	409.0	410.7	412.3	421.3	430.3
324.9	85°	296.5	268.2	235.3	202.6	220.9	239.2	247.9	256.4	266.4	276.5
140.8	87.5°	129.4	117.9	104.1	90.4	104.4	118.4	118.7	119.1	121.0	122.9
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°
3078.8	0°	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8
3024.0	2.5°	3046.7	3074.7	3099.8	3125.8	3151.8	3179.0	3206.2	3233.1	3260.2	3285.6
2977.0	5°	3019.7	3068.8	3118.4	3171.0	3223.5	3279.8	3336.1	3392.0	3448.0	3504.1
2953.1	7.5°	3010.1	3073.5	3141.2	3214.6	3287.9	3371.2	3454.5	3540.0	3625.6	3718.1
2954.8	10°	3014.8	3083.0	3166.5	3253.4	3340.2	3441.4	3542.5	3655.5	3768.5	3885.6
2971.5	12.5°	3020.7	3084.1	3171.9	3270.1	3368.3	3487.6	3606.9	3735.0	3863.1	3991.6
2972.0	15°	2995.5	3046.3	3143.6	3257.2	3370.9	3508.3	3645.7	3784.6	3923.5	4057.6
2927.4	17.5°	2918.7	2950.0	3064.4	3201.1	3337.8	3497.3	3656.8	3808.4	3959.9	4095.9
2833.7	20°	2793.5	2801.8	2934.9	3104.3	3273.8	3467.0	3660.3	3826.9	3993.5	4134.9
2710.8	22.5°	2651.4	2635.2	2786.8	2990.8	3194.8	3429.9	3665.0	3851.9	4038.7	4183.2
2582.0	25°	2513.5	2469.8	2625.1	2864.0	3103.0	3393.3	3683.7	3897.3	4110.8	4252.2
2459.2	27.5°	2393.0	2339.8	2481.2	2748.1	3015.0	3368.9	3722.7	3968.2	4213.6	4348.6
2339.5	30°	2287.0	2245.3	2364.1	2651.3	2938.5	3357.4	3776.1	4060.0	4343.9	4474.2
2225.2	32.5°	2194.2	2175.6	2271.3	2567.7	2864.0	3343.2	3822.2	4155.8	4489.5	4618.5
2115.0	35°	2106.5	2114.2	2193.9	2485.6	2777.3	3316.5	3856.0	4265.0	4674.0	4797.7
2005.1	37.5°	2014.6	2042.7	2112.4	2389.0	2665.6	3270.8	3876.0	4387.3	4898.5	5056.1
1892.5	40°	1913.9	1957.0	2020.3	2273.7	2527.1	3207.8	3888.7	4542.5	5196.2	5425.9
1778.6	42.5°	1807.0	1861.3	1919.6	2146.4	2373.3	3142.9	3912.7	4745.6	5578.5	5910.0
1673.0	45°	1700.7	1753.2	1812.3	2011.3	2210.2	3082.5	3954.9	5012.8	6070.8	6518.0
1582.6	47.5°	1605.8	1651.1	1727.3	1904.4	2081.5	3032.6	3983.8	5297.6	6611.3	7240.8
1501.7	50°	1522.3	1574.9	1675.0	1833.3	1991.7	2978.3	3964.9	5561.7	7158.5	8107.5
1439.7	52.5°	1460.0	1533.5	1648.7	1786.6	1924.6	2886.5	3848.5	5733.3	7617.9	9017.9
1394.8	55°	1426.9	1537.6	1644.8	1752.7	1860.5	2734.3	3608.1	5695.5	7782.7	9825.0
1360.3	57.5°	1407.1	1541.8	1636.3	1712.5	1788.7	2519.8	3250.7	5429.4	7608.2	10397.1
1327.8	60°	1388.4	1528.8	1591.2	1651.1	1711.0	2241.2	2771.4	4934.3	7097.1	10540.0
1290.8	62.5°	1366.7	1496.9	1504.6	1544.3	1584.1	1907.8	2231.5	4264.7	6298.0	9938.1
1240.3	65°	1320.8	1420.1	1419.1	1437.9	1456.7	1607.8	1758.9	3581.6	5404.5	9086.4
1172.0	67.5°	1239.1	1294.9	1297.5	1287.1	1276.5	1319.5	1362.4	2912.5	4462.5	8072.9
1087.6	70°	1135.4	1153.7	1153.7	1105.1	1056.4	1044.3	1032.0	2293.2	3554.3	6966.9
987.1	72.5°	1019.8	1019.6	1008.0	939.1	870.1	833.0	796.1	1753.1	2710.2	5768.0
863.5	75°	888.7	893.2	839.8	762.5	685.2	651.7	618.1	1272.4	1926.7	4393.6
737.1	77.5°	757.3	759.7	671.6	596.6	521.6	498.7	475.9	862.2	1248.5	3075.2
590.6	80°	607.5	607.8	502.7	439.3	375.7	366.2	356.8	555.5	754.3	1981.3
438.5	82.5°	446.8	441.9	352.1	305.3	258.5	256.6	255.0	341.7	428.6	1146.7
285.3	85°	294.2	287.7	220.9	186.7	152.4	153.4	154.2	182.6	211.2	515.8
126.4	87.5°	130.0	121.7	93.9	79.9	65.9	66.8	67.6	75.7	83.9	168.9
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°
3078.8	0°	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8
3311.0	2.5°	3323.5	3336.1	3354.0	3371.8	3382.4	3393.1	3398.4	3403.7	3401.3	3403.7
3560.3	5°	3604.1	3648.0	3691.5	3735.1	3758.7	3782.4	3796.7	3811.1	3821.9	3811.1
3810.7	7.5°	3882.1	3953.3	4017.5	4081.6	4120.3	4158.9	4179.8	4200.6	4210.6	4200.6
4002.7	10°	4087.1	4171.4	4246.7	4321.9	4367.5	4412.9	4433.2	4453.4	4461.1	4453.4
4120.3	12.5°	4211.7	4303.0	4371.1	4438.9	4472.0	4505.0	4516.2	4527.3	4528.4	4527.3
4191.7	15°	4270.6	4349.5	4392.1	4434.9	4436.0	4437.2	4425.4	4413.6	4399.7	4413.6
4231.9	17.5°	4285.2	4338.5	4339.3	4340.0	4292.2	4244.3	4200.5	4156.5	4125.6	4156.5
4276.2	20°	4294.8	4313.4	4257.3	4201.2	4095.6	3989.9	3913.0	3836.1	3788.9	3836.1
4327.6	22.5°	4303.3	4278.9	4162.7	4046.4	3891.1	3735.7	3639.5	3543.4	3491.1	3543.4
4393.8	25°	4317.0	4240.2	4063.7	3887.2	3698.5	3509.8	3408.7	3307.8	3258.4	3307.8
4483.5	27.5°	4346.3	4208.9	3975.1	3741.4	3532.3	3323.1	3223.7	3124.3	3077.6	3124.3
4604.6	30°	4399.9	4195.3	3907.5	3619.7	3401.8	3184.0	3091.7	2999.4	2955.9	2999.4
4747.6	32.5°	4467.2	4187.0	3861.4	3535.8	3331.1	3126.3	3053.9	2981.3	2950.0	2981.3
4921.3	35°	4578.2	4235.2	3895.9	3556.7	3414.5	3272.3	3255.4	3238.5	3235.9	3238.5
5213.7	37.5°	4810.1	4406.5	4098.2	3789.8	3780.6	3771.4	3848.6	3925.9	3966.1	3925.9
5655.5	40°	5216.6	4777.7	4548.4	4319.1	4480.9	4642.8	4830.6	5018.5	5112.1	5018.5
6241.5	42.5°	5806.0	5370.6	5238.5	5106.4	5459.4	5812.4	6154.1	6495.8	6696.4	6495.8
6965.1	45°	6574.0	6182.7	6124.4	6066.1	6631.6	7197.3	7758.7	8320.3	8661.1	8320.3
7870.1	47.5°	7489.6	7108.9	7097.1	7085.3	7901.2	8716.9	9538.8	10360.6	10843.2	10360.6
9056.3	50°	8586.2	8116.2	8118.2	8120.2	9171.7	10223.2	11308.1	12393.0	13048.9	12393.0
10417.9	52.5°	9848.7	9279.6	9222.0	9164.4	10420.4	11676.4	13018.7	14360.9	15147.2	14360.9
11867.5	55°	11305.1	10742.8	10518.4	10294.1	11691.9	13089.7	14690.0	16290.2	17225.3	16290.2
13186.0	57.5°	12879.8	12573.4	12123.4	11673.5	13085.0	14496.4	16309.0	18121.4	19281.0	18121.4
13982.9	60°	14458.5	14934.3	14375.5	13816.6	15152.4	16488.1	18428.7	20369.3	21622.6	20369.3
13578.2	62.5°	14877.9	16177.6	16114.6	16051.6	17275.2	18498.9	20345.2	22191.5	23349.9	22191.5
12768.4	65°	13988.2	15208.0	15449.4	15690.6	17245.6	18800.8	20591.1	22381.3	23367.6	22381.3
11683.2	67.5°	12843.4	14003.5	14116.7	14229.8	15850.0	17470.1	19268.1	21066.2	21838.8	21066.2
10379.5	70°	11641.4	12903.4	12954.0	13004.6	14453.5	15902.3	17449.7	18996.9	19426.3	18996.9
8825.9	72.5°	10274.0	11722.2	11758.6	11794.8	12928.4	14062.0	15220.9	16379.6	16423.1	16379.6
6860.6	75°	8359.4	9858.1	9992.7	10127.3	11009.2	11891.1	12706.9	13522.7	13304.1	13522.7
4901.8	77.5°	6300.8	7700.0	7892.6	8085.1	8755.6	9426.1	10004.6	10583.3	10207.6	10583.3
3208.2	80°	4385.2	5562.2	5801.6	6040.9	6547.3	7053.4	7357.3	7661.0	7056.7	7661.0
1864.9	82.5°	2669.6	3474.4	3741.7	4009.2	4357.7	4706.2	4833.0	4959.7	4484.7	4959.7
820.5	85°	1247.6	1674.7	1902.1	2129.5	2415.9	2702.2	2774.1	2846.1	2465.7	2846.1
254.0	87.5°	397.6	541.1	668.0	794.9	938.1	1081.2	1087.4	1093.4	918.0	1093.4
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):

325°		330°	335°	340°	345°	350°	355°	360°
3078.8	0°	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8
3398.4	2.5°	3393.1	3382.4	3371.8	3354.0	3336.1	3323.5	3311.0
3796.7	5°	3782.4	3758.7	3735.1	3691.5	3648.0	3604.1	3560.3
4179.8	7.5°	4158.9	4120.3	4081.6	4017.5	3953.3	3882.1	3810.7
4433.2	10°	4412.9	4367.5	4321.9	4246.7	4171.4	4087.1	4002.7
4516.2	12.5°	4505.0	4472.0	4438.9	4371.1	4303.0	4211.7	4120.3
4425.4	15°	4437.2	4436.0	4434.9	4392.1	4349.5	4270.6	4191.7
4200.5	17.5°	4244.3	4292.2	4340.0	4339.3	4338.5	4285.2	4231.9
3913.0	20°	3989.9	4095.6	4201.2	4257.3	4313.4	4294.8	4276.2
3639.5	22.5°	3735.7	3891.1	4046.4	4162.7	4278.9	4303.3	4327.6
3408.7	25°	3509.8	3698.5	3887.2	4063.7	4240.2	4317.0	4393.8
3223.7	27.5°	3323.1	3532.3	3741.4	3975.1	4208.9	4346.3	4483.5
3091.7	30°	3184.0	3401.8	3619.7	3907.5	4195.3	4399.9	4604.6
3053.9	32.5°	3126.3	3331.1	3535.8	3861.4	4187.0	4467.2	4747.6
3255.4	35°	3272.3	3414.5	3556.7	3895.9	4235.2	4578.2	4921.3
3848.6	37.5°	3771.4	3780.6	3789.8	4098.2	4406.5	4810.1	5213.7
4830.6	40°	4642.8	4480.9	4319.1	4548.4	4777.7	5216.6	5655.5
6154.1	42.5°	5812.4	5459.4	5106.4	5238.5	5370.6	5806.0	6241.5
7758.7	45°	7197.3	6631.6	6066.1	6124.4	6182.7	6574.0	6965.1
9538.8	47.5°	8716.9	7901.2	7085.3	7097.1	7108.9	7489.6	7870.1
11308.1	50°	10223.2	9171.7	8120.2	8118.2	8116.2	8586.2	9056.3
13018.7	52.5°	11676.4	10420.4	9164.4	9222.0	9279.6	9848.7	10417.9
14690.0	55°	13089.7	11691.9	10294.1	10518.4	10742.8	11305.1	11867.5
16309.0	57.5°	14496.4	13085.0	11673.5	12123.4	12573.4	12879.8	13186.0
18428.7	60°	16488.1	15152.4	13816.6	14375.5	14934.3	14458.5	13982.9
20345.2	62.5°	18498.9	17275.2	16051.6	16114.6	16177.6	14877.9	13578.2
20591.1	65°	18800.8	17245.6	15690.6	15449.4	15208.0	13988.2	12768.4
19268.1	67.5°	17470.1	15850.0	14229.8	14116.7	14003.5	12843.4	11683.2
17449.7	70°	15902.3	14453.5	13004.6	12954.0	12903.4	11641.4	10379.5
15220.9	72.5°	14062.0	12928.4	11794.8	11758.6	11722.2	10274.0	8825.9
12706.9	75°	11891.1	11009.2	10127.3	9992.7	9858.1	8359.4	6860.6
10004.6	77.5°	9426.1	8755.6	8085.1	7892.6	7700.0	6300.8	4901.8
7357.3	80°	7053.4	6547.3	6040.9	5801.6	5562.2	4385.2	3208.2
4833.0	82.5°	4706.2	4357.7	4009.2	3741.7	3474.4	2669.6	1864.9
2774.1	85°	2702.2	2415.9	2129.5	1902.1	1674.7	1247.6	820.5
1087.4	87.5°	1081.2	938.1	794.9	668.0	541.1	397.6	254.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)