

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: P951226

Luminaire Tested: **GALN-SB5B-940-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P951226
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-SB5B-940-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(5) 90 CRI, 4000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20538 lumens
Efficiency: N/A
Efficacy: 112.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

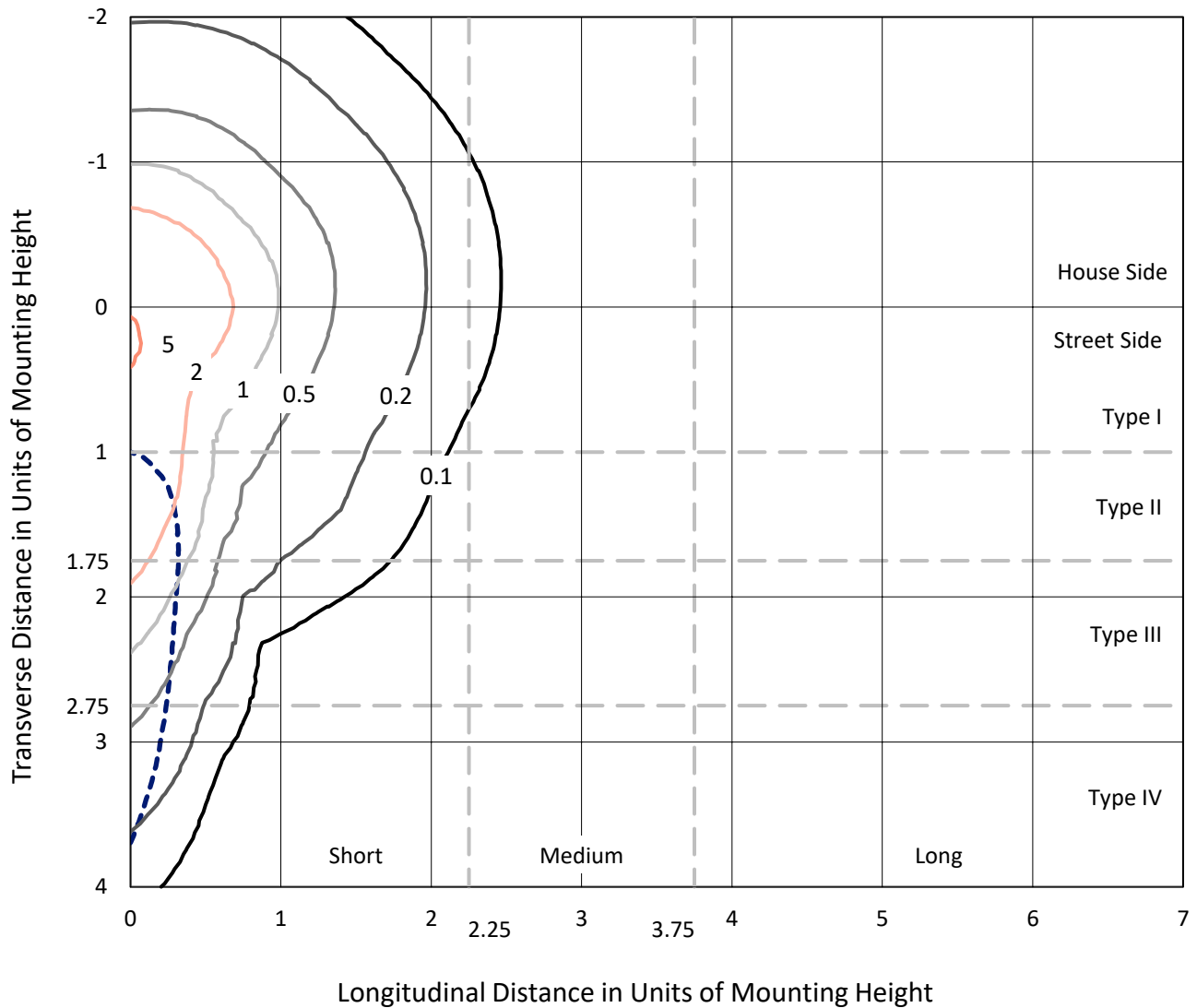
Input Watts (W): 182.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

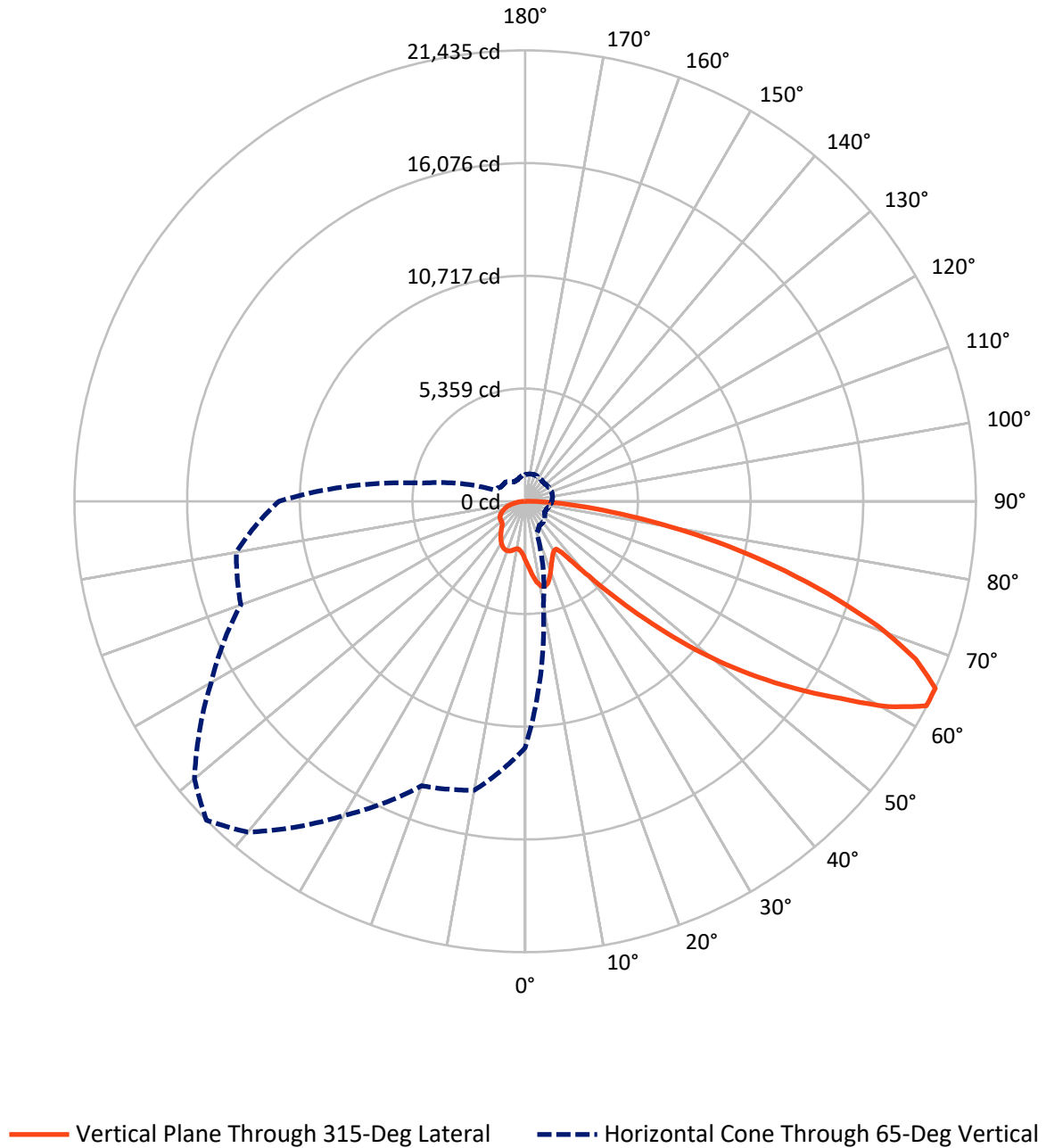
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.6 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	5219.7	0.0	5219.7
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	15318.3	0.0	15318.3
	% Fixture	74.6	0.0	74.6
Total	Lumens	20538.0	0.0	20538.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	280.2	1.4
10°-20°	879.5	4.3
20°-30°	1358.5	6.6
30°-40°	1721.5	8.4
40°-50°	2596.5	12.6
50°-60°	4195.0	20.4
60°-70°	5229.7	25.5
70°-80°	3429.4	16.7
80°-90°	847.8	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°	20538.0	100.0
0°-180°	20538.0	100.0

Coefficient of Utilization



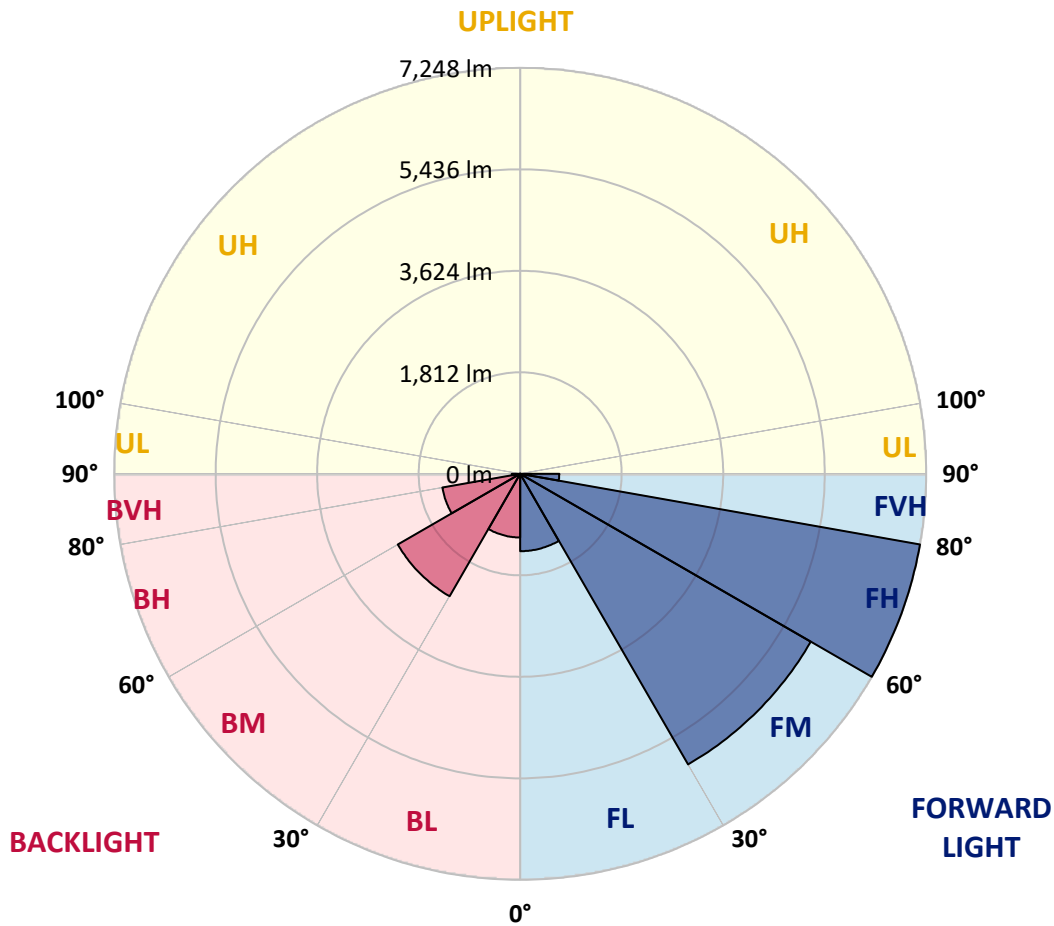
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1381.4	6.7			
FM (30°-60°)	5990.5	29.2			
FH (60°-80°)	7247.9	35.3			G3/7500
FVH (80°-90°)	698.4	3.4			G4/750
BL (0°-30°)	1136.7	5.5	B3/2500		
BM (30°-60°)	2522.5	12.3	B3/5000		
BH (60°-80°)	1411.2	6.9	B3/2500		G3/2500
BVH (80°-90°)	149.4	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°	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2
2.5°	3037.1	3013.8	2990.5	2965.7	2941.0	2916.1	2891.1	2867.3	2843.4	2820.4
5°	3265.8	3214.3	3162.8	3111.4	3060.2	3008.5	2956.9	2908.7	2860.5	2814.9
7.5°	3495.5	3410.5	3325.7	3247.2	3168.8	3092.4	3016.0	2948.7	2881.4	2819.3
10°	3671.6	3564.2	3456.8	3353.1	3249.5	3156.7	3063.9	2984.3	2904.6	2827.9
12.5°	3779.4	3661.4	3543.5	3426.0	3308.6	3199.1	3089.7	2999.6	2909.5	2829.0
15°	3845.0	3722.0	3599.0	3471.6	3344.1	3218.1	3092.0	2987.8	2883.5	2794.3
17.5°	3881.9	3757.1	3632.4	3493.3	3354.3	3208.0	3061.7	2936.3	2810.9	2706.0
20°	3922.5	3792.9	3663.2	3510.4	3357.6	3180.3	3003.0	2847.6	2692.2	2570.0
22.5°	3969.6	3837.2	3704.7	3533.3	3361.9	3146.2	2930.6	2743.4	2556.3	2417.2
25°	4030.3	3900.5	3770.8	3574.9	3379.0	3112.6	2846.4	2627.1	2408.0	2265.5
27.5°	4112.7	3988.9	3865.1	3640.0	3414.8	3090.2	2765.6	2520.8	2276.0	2146.3
30°	4223.8	4104.1	3984.6	3724.2	3463.8	3079.7	2695.4	2432.0	2168.5	2059.6
32.5°	4354.9	4236.4	4118.1	3812.1	3506.0	3066.7	2627.1	2355.3	2083.4	1995.7
35°	4514.2	4400.8	4287.4	3912.2	3537.0	3042.2	2547.6	2280.0	2012.5	1939.3
37.5°	4782.4	4637.9	4493.3	4024.4	3555.4	3000.3	2445.1	2191.4	1937.7	1873.7
40°	5187.7	4977.1	4766.4	4166.8	3567.0	2942.5	2318.1	2085.6	1853.1	1795.2
42.5°	5725.2	5421.2	5117.1	4353.1	3589.0	2882.9	2177.0	1968.9	1760.8	1707.4
45°	6389.0	5978.8	5568.7	4598.2	3627.7	2827.5	2027.4	1844.9	1662.4	1608.2
47.5°	7219.1	6641.9	6064.4	4859.4	3654.3	2781.8	1909.3	1746.8	1584.4	1514.5
50°	8307.2	7436.9	6566.4	5101.7	3636.9	2731.9	1826.9	1681.7	1536.5	1444.6
52.5°	9556.2	8272.0	6987.8	5259.0	3530.2	2647.7	1765.4	1638.8	1512.3	1406.7
55°	10885.9	9012.4	7138.9	5224.4	3309.7	2508.1	1706.6	1607.7	1508.7	1410.5
57.5°	12095.3	9537.1	6978.9	4980.3	2981.8	2311.3	1640.7	1570.8	1500.9	1414.2
60°	12826.3	9668.2	6510.1	4526.1	2542.2	2055.8	1569.4	1514.5	1459.5	1402.3
62.5°	12455.1	9116.1	5777.0	3912.0	2046.9	1750.0	1453.0	1416.5	1380.1	1373.1
65°	11712.2	8334.8	4957.4	3285.4	1613.4	1474.8	1336.2	1319.0	1301.8	1302.6
67.5°	10716.8	7405.1	4093.4	2671.6	1249.7	1210.4	1171.0	1180.6	1190.1	1187.7
70°	9520.9	6390.6	3260.3	2103.5	946.6	957.9	969.1	1013.7	1058.2	1058.2
72.5°	8095.9	5290.9	2486.0	1608.1	730.2	764.1	798.2	861.4	924.6	935.2
75°	6293.1	4030.2	1767.3	1167.2	567.0	597.8	628.6	699.4	770.3	819.3
77.5°	4496.3	2820.8	1145.3	790.9	436.5	457.4	478.5	547.3	616.1	696.8
80°	2942.8	1817.4	691.9	509.6	327.3	336.0	344.6	402.9	461.1	557.6
82.5°	1710.6	1051.9	393.2	313.4	233.9	235.4	237.1	280.0	322.9	405.3
85°	752.6	473.1	193.8	167.5	141.4	140.7	139.8	171.2	202.7	263.9
87.5°	233.0	155.0	76.9	69.5	62.0	61.2	60.5	73.3	86.2	111.6
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°
2824.2	0°	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2
2794.7	2.5°	2773.9	2753.2	2734.4	2715.8	2699.4	2683.1	2666.6	2650.2	2637.5	2624.7
2770.0	5°	2730.7	2691.4	2658.5	2625.6	2596.6	2567.5	2541.2	2514.8	2494.5	2474.1
2761.1	7.5°	2708.8	2656.7	2613.4	2570.0	2533.5	2496.9	2464.6	2432.4	2408.2	2384.2
2765.4	10°	2710.4	2655.3	2612.0	2568.6	2529.3	2489.8	2453.5	2417.2	2388.4	2359.5
2770.8	12.5°	2725.8	2680.9	2652.1	2623.4	2592.5	2561.7	2524.1	2486.6	2449.7	2412.9
2747.8	15°	2726.2	2704.7	2708.6	2712.5	2704.5	2696.5	2663.9	2631.3	2578.8	2526.3
2677.3	17.5°	2685.2	2693.0	2740.3	2787.5	2812.7	2837.7	2811.4	2785.1	2715.7	2646.2
2562.4	20°	2599.3	2636.1	2718.2	2800.3	2852.9	2905.4	2893.3	2881.0	2801.6	2722.3
2432.1	22.5°	2486.6	2541.1	2634.7	2728.6	2797.0	2865.3	2872.7	2880.0	2804.1	2728.2
2305.6	25°	2368.5	2431.3	2515.5	2599.8	2667.1	2734.4	2759.6	2784.6	2722.4	2660.3
2195.1	27.5°	2255.7	2316.4	2385.7	2454.8	2508.8	2562.8	2590.7	2618.8	2574.5	2530.2
2097.8	30°	2146.0	2194.3	2251.7	2309.2	2353.9	2398.8	2421.6	2444.3	2410.6	2376.8
2012.7	32.5°	2041.2	2069.7	2115.5	2161.5	2204.4	2247.4	2272.7	2298.0	2267.0	2235.9
1932.3	35°	1940.1	1948.0	1983.0	2017.9	2060.4	2102.9	2133.3	2163.6	2141.5	2119.5
1847.9	37.5°	1839.3	1830.6	1855.7	1880.8	1923.2	1965.6	2003.1	2040.6	2030.4	2020.3
1755.6	40°	1736.0	1716.4	1734.5	1752.6	1793.5	1834.5	1877.6	1920.9	1923.4	1925.8
1657.5	42.5°	1631.5	1605.5	1620.3	1635.1	1673.9	1712.8	1759.4	1806.0	1818.5	1830.9
1560.0	45°	1534.6	1509.4	1521.7	1534.3	1571.2	1608.0	1656.3	1704.7	1722.6	1740.4
1473.0	47.5°	1451.7	1430.5	1442.2	1453.8	1489.9	1525.9	1573.5	1621.2	1641.8	1662.4
1396.4	50°	1377.5	1358.8	1377.0	1395.3	1429.3	1463.2	1505.9	1548.6	1575.1	1601.5
1339.3	52.5°	1320.6	1302.1	1329.5	1356.8	1388.0	1419.1	1458.9	1498.8	1530.1	1561.4
1308.9	55°	1279.4	1250.1	1289.0	1327.8	1361.4	1395.0	1429.8	1464.6	1497.8	1531.1
1290.7	57.5°	1247.8	1204.9	1246.7	1288.5	1328.0	1367.4	1401.9	1436.5	1469.9	1503.3
1273.6	60°	1218.0	1162.3	1199.0	1235.6	1280.9	1326.2	1361.2	1396.4	1430.0	1463.6
1253.6	62.5°	1184.1	1114.6	1137.9	1161.2	1214.0	1266.9	1304.2	1341.6	1372.4	1403.2
1211.6	65°	1137.7	1063.7	1072.7	1081.5	1138.1	1194.8	1230.6	1266.3	1293.4	1320.5
1136.6	67.5°	1075.0	1013.5	1010.7	1007.9	1060.1	1112.4	1146.3	1180.2	1203.6	1227.0
1041.4	70°	997.7	953.9	944.1	934.4	980.3	1026.3	1055.5	1084.8	1105.9	1127.1
935.5	72.5°	905.4	875.4	861.1	846.9	883.1	919.2	945.6	972.1	992.8	1013.5
815.2	75°	792.1	768.9	755.2	741.5	768.4	795.2	819.2	843.1	862.0	880.8
694.7	77.5°	676.1	657.6	643.7	629.9	651.7	673.5	694.1	714.7	734.5	754.3
557.2	80°	541.7	526.1	514.5	502.8	521.0	539.1	556.5	573.8	588.9	603.8
409.9	82.5°	402.3	394.7	386.5	378.2	376.7	375.2	369.1	363.0	395.1	427.2
269.8	85°	261.7	253.6	244.4	235.2	227.4	219.5	202.7	185.9	215.9	246.0
119.2	87.5°	116.0	112.7	111.0	109.2	108.9	108.6	95.8	82.9	95.5	108.2
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°
2824.2	0°	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2
2614.5	2.5°	2604.2	2596.1	2588.1	2580.8	2573.3	2564.1	2573.3	2580.8	2588.1	2596.1
2459.9	5°	2445.7	2435.6	2425.6	2417.9	2410.2	2402.6	2410.2	2417.9	2425.6	2435.6
2367.3	7.5°	2350.4	2338.8	2327.3	2320.3	2313.5	2308.3	2313.5	2320.3	2327.3	2338.8
2340.6	10°	2321.5	2310.6	2299.6	2293.8	2287.9	2285.5	2287.9	2293.8	2299.6	2310.6
2388.5	12.5°	2364.1	2351.9	2339.7	2334.7	2329.8	2328.9	2329.8	2334.7	2339.7	2351.9
2489.3	15°	2452.2	2435.2	2418.3	2411.8	2405.3	2404.8	2405.3	2411.8	2418.3	2435.2
2591.6	17.5°	2537.0	2511.8	2486.6	2478.3	2470.0	2468.7	2470.0	2478.3	2486.6	2511.8
2655.3	20°	2588.4	2556.3	2524.0	2513.7	2503.4	2500.1	2503.4	2513.7	2524.0	2556.3
2659.3	22.5°	2590.3	2556.4	2522.3	2511.0	2499.6	2494.7	2499.6	2511.0	2522.3	2556.4
2599.0	25°	2537.8	2508.4	2479.0	2468.3	2457.6	2451.4	2457.6	2468.3	2479.0	2508.4
2482.7	27.5°	2435.1	2415.4	2395.5	2390.7	2385.8	2384.2	2385.8	2390.7	2395.5	2415.4
2342.8	30°	2308.5	2298.4	2288.3	2288.3	2288.3	2289.9	2288.3	2288.3	2288.3	2298.4
2208.7	32.5°	2181.5	2174.9	2168.3	2169.2	2170.1	2171.8	2170.1	2169.2	2168.3	2174.9
2094.4	35°	2069.3	2059.3	2049.3	2047.1	2045.0	2043.9	2045.0	2047.1	2049.3	2059.3
1997.2	37.5°	1974.0	1955.7	1937.5	1927.8	1918.2	1912.8	1918.2	1927.8	1937.5	1955.7
1906.1	40°	1886.5	1859.9	1833.4	1815.4	1797.7	1787.0	1797.7	1815.4	1833.4	1859.9
1814.3	42.5°	1797.9	1764.8	1731.8	1705.7	1679.5	1662.4	1679.5	1705.7	1731.8	1764.8
1725.5	45°	1710.6	1672.8	1635.1	1604.4	1573.8	1554.0	1573.8	1604.4	1635.1	1672.8
1652.0	47.5°	1641.6	1608.0	1574.4	1546.0	1517.7	1498.8	1517.7	1546.0	1574.4	1608.0
1600.9	50°	1600.4	1573.5	1546.7	1520.4	1494.2	1476.0	1494.2	1520.4	1546.7	1573.5
1567.0	52.5°	1572.7	1550.8	1528.9	1505.4	1482.0	1465.2	1482.0	1505.4	1528.9	1550.8
1538.9	55°	1546.7	1527.6	1508.5	1487.9	1467.3	1452.2	1467.3	1487.9	1508.5	1527.6
1511.2	57.5°	1519.1	1499.9	1480.6	1460.2	1439.7	1424.0	1439.7	1460.2	1480.6	1499.9
1472.2	60°	1480.9	1462.0	1443.3	1422.3	1401.2	1385.0	1401.2	1422.3	1443.3	1462.0
1411.5	62.5°	1419.9	1402.9	1385.9	1363.7	1341.6	1322.1	1341.6	1363.7	1385.9	1402.9
1329.1	65°	1337.5	1321.2	1304.8	1283.3	1262.0	1245.2	1262.0	1283.3	1304.8	1321.2
1235.3	67.5°	1243.6	1228.5	1213.5	1193.6	1173.7	1158.5	1173.7	1193.6	1213.5	1228.5
1135.1	70°	1143.1	1130.9	1118.6	1099.5	1080.5	1063.1	1080.5	1099.5	1118.6	1130.9
1023.0	72.5°	1032.6	1022.4	1012.2	994.0	975.9	959.1	975.9	994.0	1012.2	1022.4
890.8	75°	900.8	895.8	890.8	875.5	860.3	844.2	860.3	875.5	890.8	895.8
763.6	77.5°	772.9	766.0	758.8	743.4	728.0	715.2	728.0	743.4	758.8	766.0
616.2	80°	628.6	625.5	622.6	601.9	581.1	557.0	581.1	601.9	622.6	625.5
448.2	82.5°	469.2	467.9	466.5	449.1	431.5	416.1	431.5	449.1	466.5	467.9
272.0	85°	298.0	295.9	293.7	280.0	266.4	252.5	266.4	280.0	293.7	295.9
118.7	87.5°	129.2	126.6	123.8	116.8	109.7	103.0	109.7	116.8	123.8	126.6
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°
2824.2	0°	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2
2604.2	2.5°	2614.5	2624.7	2637.5	2650.2	2666.6	2683.1	2699.4	2715.8	2734.4	2753.2
2445.7	5°	2459.9	2474.1	2494.5	2514.8	2541.2	2567.5	2596.6	2625.6	2658.5	2691.4
2350.4	7.5°	2367.3	2384.2	2408.2	2432.4	2464.6	2496.9	2533.5	2570.0	2613.4	2656.7
2321.5	10°	2340.6	2359.5	2388.4	2417.2	2453.5	2489.8	2529.3	2568.6	2612.0	2655.3
2364.1	12.5°	2388.5	2412.9	2449.7	2486.6	2524.1	2561.7	2592.5	2623.4	2652.1	2680.9
2452.2	15°	2489.3	2526.3	2578.8	2631.3	2663.9	2696.5	2704.5	2712.5	2708.6	2704.7
2537.0	17.5°	2591.6	2646.2	2715.7	2785.1	2811.4	2837.7	2812.7	2787.5	2740.3	2693.0
2588.4	20°	2655.3	2722.3	2801.6	2881.0	2893.3	2905.4	2852.9	2800.3	2718.2	2636.1
2590.3	22.5°	2659.3	2728.2	2804.1	2880.0	2872.7	2865.3	2797.0	2728.6	2634.7	2541.1
2537.8	25°	2599.0	2660.3	2722.4	2784.6	2759.6	2734.4	2667.1	2599.8	2515.5	2431.3
2435.1	27.5°	2482.7	2530.2	2574.5	2618.8	2590.7	2562.8	2508.8	2454.8	2385.7	2316.4
2308.5	30°	2342.8	2376.8	2410.6	2444.3	2421.6	2398.8	2353.9	2309.2	2251.7	2194.3
2181.5	32.5°	2208.7	2235.9	2267.0	2298.0	2272.7	2247.4	2204.4	2161.5	2115.5	2069.7
2069.3	35°	2094.4	2119.5	2141.5	2163.6	2133.3	2102.9	2060.4	2017.9	1983.0	1948.0
1974.0	37.5°	1997.2	2020.3	2030.4	2040.6	2003.1	1965.6	1923.2	1880.8	1855.7	1830.6
1886.5	40°	1906.1	1925.8	1923.4	1920.9	1877.6	1834.5	1793.5	1752.6	1734.5	1716.4
1797.9	42.5°	1814.3	1830.9	1818.5	1806.0	1759.4	1712.8	1673.9	1635.1	1620.3	1605.5
1710.6	45°	1725.5	1740.4	1722.6	1704.7	1656.3	1608.0	1571.2	1534.3	1521.7	1509.4
1641.6	47.5°	1652.0	1662.4	1641.8	1621.2	1573.5	1525.9	1489.9	1453.8	1442.2	1430.5
1600.4	50°	1600.9	1601.5	1575.1	1548.6	1505.9	1463.2	1429.3	1395.3	1377.0	1358.8
1572.7	52.5°	1567.0	1561.4	1530.1	1498.8	1458.9	1419.1	1388.0	1356.8	1329.5	1302.1
1546.7	55°	1538.9	1531.1	1497.8	1464.6	1429.8	1395.0	1361.4	1327.8	1289.0	1250.1
1519.1	57.5°	1511.2	1503.3	1469.9	1436.5	1401.9	1367.4	1328.0	1288.5	1246.7	1204.9
1480.9	60°	1472.2	1463.6	1430.0	1396.4	1361.2	1326.2	1280.9	1235.6	1199.0	1162.3
1419.9	62.5°	1411.5	1403.2	1372.4	1341.6	1304.2	1266.9	1214.0	1161.2	1137.9	1114.6
1337.5	65°	1329.1	1320.5	1293.4	1266.3	1230.6	1194.8	1138.1	1081.5	1072.7	1063.7
1243.6	67.5°	1235.3	1227.0	1203.6	1180.2	1146.3	1112.4	1060.1	1007.9	1010.7	1013.5
1143.1	70°	1135.1	1127.1	1105.9	1084.8	1055.5	1026.3	980.3	934.4	944.1	953.9
1032.6	72.5°	1023.0	1013.5	992.8	972.1	945.6	919.2	883.1	846.9	861.1	875.4
900.8	75°	890.8	880.8	862.0	843.1	819.2	795.2	768.4	741.5	755.2	768.9
772.9	77.5°	763.6	754.3	734.5	714.7	694.1	673.5	651.7	629.9	643.7	657.6
628.6	80°	616.2	603.8	588.9	573.8	556.5	539.1	521.0	502.8	514.5	526.1
469.2	82.5°	448.2	427.2	395.1	363.0	369.1	375.2	376.7	378.2	386.5	394.7
298.0	85°	272.0	246.0	215.9	185.9	202.7	219.5	227.4	235.2	244.4	253.6
129.2	87.5°	118.7	108.2	95.5	82.9	95.8	108.6	108.9	109.2	111.0	112.7
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
2824.2	0°	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2
2773.9	2.5°	2794.7	2820.4	2843.4	2867.3	2891.1	2916.1	2941.0	2965.7	2990.5	3013.8
2730.7	5°	2770.0	2814.9	2860.5	2908.7	2956.9	3008.5	3060.2	3111.4	3162.8	3214.3
2708.8	7.5°	2761.1	2819.3	2881.4	2948.7	3016.0	3092.4	3168.8	3247.2	3325.7	3410.5
2710.4	10°	2765.4	2827.9	2904.6	2984.3	3063.9	3156.7	3249.5	3353.1	3456.8	3564.2
2725.8	12.5°	2770.8	2829.0	2909.5	2999.6	3089.7	3199.1	3308.6	3426.0	3543.5	3661.4
2726.2	15°	2747.8	2794.3	2883.5	2987.8	3092.0	3218.1	3344.1	3471.6	3599.0	3722.0
2685.2	17.5°	2677.3	2706.0	2810.9	2936.3	3061.7	3208.0	3354.3	3493.3	3632.4	3757.1
2599.3	20°	2562.4	2570.0	2692.2	2847.6	3003.0	3180.3	3357.6	3510.4	3663.2	3792.9
2486.6	22.5°	2432.1	2417.2	2556.3	2743.4	2930.6	3146.2	3361.9	3533.3	3704.7	3837.2
2368.5	25°	2305.6	2265.5	2408.0	2627.1	2846.4	3112.6	3379.0	3574.9	3770.8	3900.5
2255.7	27.5°	2195.1	2146.3	2276.0	2520.8	2765.6	3090.2	3414.8	3640.0	3865.1	3988.9
2146.0	30°	2097.8	2059.6	2168.5	2432.0	2695.4	3079.7	3463.8	3724.2	3984.6	4104.1
2041.2	32.5°	2012.7	1995.7	2083.4	2355.3	2627.1	3066.7	3506.0	3812.1	4118.1	4236.4
1940.1	35°	1932.3	1939.3	2012.5	2280.0	2547.6	3042.2	3537.0	3912.2	4287.4	4400.8
1839.3	37.5°	1847.9	1873.7	1937.7	2191.4	2445.1	3000.3	3555.4	4024.4	4493.3	4637.9
1736.0	40°	1755.6	1795.2	1853.1	2085.6	2318.1	2942.5	3567.0	4166.8	4766.4	4977.1
1631.5	42.5°	1657.5	1707.4	1760.8	1968.9	2177.0	2882.9	3589.0	4353.1	5117.1	5421.2
1534.6	45°	1560.0	1608.2	1662.4	1844.9	2027.4	2827.5	3627.7	4598.2	5568.7	5978.8
1451.7	47.5°	1473.0	1514.5	1584.4	1746.8	1909.3	2781.8	3654.3	4859.4	6064.4	6641.9
1377.5	50°	1396.4	1444.6	1536.5	1681.7	1826.9	2731.9	3636.9	5101.7	6566.4	7436.9
1320.6	52.5°	1339.3	1406.7	1512.3	1638.8	1765.4	2647.7	3530.2	5259.0	6987.8	8272.0
1279.4	55°	1308.9	1410.5	1508.7	1607.7	1706.6	2508.1	3309.7	5224.4	7138.9	9012.4
1247.8	57.5°	1290.7	1414.2	1500.9	1570.8	1640.7	2311.3	2981.8	4980.3	6978.9	9537.1
1218.0	60°	1273.6	1402.3	1459.5	1514.5	1569.4	2055.8	2542.2	4526.1	6510.1	9668.2
1184.1	62.5°	1253.6	1373.1	1380.1	1416.5	1453.0	1750.0	2046.9	3912.0	5777.0	9116.1
1137.7	65°	1211.6	1302.6	1301.8	1319.0	1336.2	1474.8	1613.4	3285.4	4957.4	8334.8
1075.0	67.5°	1136.6	1187.7	1190.1	1180.6	1171.0	1210.4	1249.7	2671.6	4093.4	7405.1
997.7	70°	1041.4	1058.2	1058.2	1013.7	969.1	957.9	946.6	2103.5	3260.3	6390.6
905.4	72.5°	935.5	935.2	924.6	861.4	798.2	764.1	730.2	1608.1	2486.0	5290.9
792.1	75°	815.2	819.3	770.3	699.4	628.6	597.8	567.0	1167.2	1767.3	4030.2
676.1	77.5°	694.7	696.8	616.1	547.3	478.5	457.4	436.5	790.9	1145.3	2820.8
541.7	80°	557.2	557.6	461.1	402.9	344.6	336.0	327.3	509.6	691.9	1817.4
402.3	82.5°	409.9	405.3	322.9	280.0	237.1	235.4	233.9	313.4	393.2	1051.9
261.7	85°	269.8	263.9	202.7	171.2	139.8	140.7	141.4	167.5	193.8	473.1
116.0	87.5°	119.2	111.6	86.2	73.3	60.5	61.2	62.0	69.5	76.9	155.0
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
2824.2	0°	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2
3037.1	2.5°	3048.6	3060.2	3076.5	3092.9	3102.7	3112.4	3117.3	3122.2	3120.0	3122.2
3265.8	5°	3306.0	3346.3	3386.2	3426.2	3447.8	3469.5	3482.6	3495.8	3505.8	3495.8
3495.5	7.5°	3561.0	3626.3	3685.2	3744.0	3779.4	3814.9	3834.1	3853.1	3862.3	3853.1
3671.6	10°	3749.0	3826.4	3895.4	3964.4	4006.3	4047.9	4066.5	4085.1	4092.1	4085.1
3779.4	12.5°	3863.3	3947.1	4009.5	4071.7	4102.1	4132.4	4142.6	4152.8	4153.9	4152.8
3845.0	15°	3917.4	3989.7	4028.8	4068.0	4069.1	4070.2	4059.4	4048.5	4035.7	4048.5
3881.9	17.5°	3930.7	3979.6	3980.4	3981.0	3937.1	3893.2	3853.0	3812.7	3784.3	3812.7
3922.5	20°	3939.5	3956.6	3905.2	3853.7	3756.8	3659.9	3589.4	3518.8	3475.5	3518.8
3969.6	22.5°	3947.3	3925.0	3818.3	3711.7	3569.2	3426.7	3338.5	3250.3	3202.4	3250.3
4030.3	25°	3959.9	3889.4	3727.5	3565.6	3392.6	3219.5	3126.7	3034.2	2988.9	3034.2
4112.7	27.5°	3986.8	3860.7	3646.3	3431.9	3240.1	3048.3	2957.0	2865.9	2823.1	2865.9
4223.8	30°	4036.0	3848.3	3584.3	3320.3	3120.4	2920.6	2836.0	2751.3	2711.4	2751.3
4354.9	32.5°	4097.7	3840.7	3542.0	3243.3	3055.5	2867.7	2801.3	2734.7	2706.0	2734.7
4514.2	35°	4199.5	3884.9	3573.6	3262.5	3132.0	3001.7	2986.2	2970.7	2968.3	2970.7
4782.4	37.5°	4412.2	4042.0	3759.2	3476.3	3467.9	3459.4	3530.3	3601.2	3638.0	3601.2
5187.7	40°	4785.1	4382.5	4172.2	3961.8	4110.3	4258.8	4431.1	4603.4	4689.2	4603.4
5725.2	42.5°	5325.8	4926.3	4805.2	4684.0	5007.8	5331.6	5645.1	5958.5	6142.5	5958.5
6389.0	45°	6030.2	5671.3	5617.9	5564.3	6083.1	6602.0	7116.9	7632.0	7944.7	7632.0
7219.1	47.5°	6870.1	6520.9	6510.1	6499.2	7247.6	7995.8	8749.8	9503.6	9946.3	9503.6
8307.2	50°	7876.0	7444.9	7446.7	7448.6	8413.1	9377.6	10372.7	11367.9	11969.6	11367.9
9556.2	52.5°	9034.0	8512.0	8459.2	8406.3	9558.4	10710.5	11941.8	13173.1	13894.3	13173.1
10885.9	55°	10370.0	9854.2	9648.4	9442.6	10724.8	12007.0	13474.9	14942.8	15800.5	14942.8
12095.3	57.5°	11814.4	11533.4	11120.6	10707.9	12002.6	13297.4	14960.0	16622.5	17686.2	16622.5
12826.3	60°	13262.6	13699.0	13186.4	12673.8	13899.0	15124.3	16904.4	18684.5	19834.1	18684.5
12455.1	62.5°	13647.3	14839.5	14781.7	14723.8	15846.2	16968.8	18662.4	20355.9	21418.5	20355.9
11712.2	65°	12831.1	13950.1	14171.5	14392.8	15819.2	17245.6	18887.9	20530.0	21434.7	20530.0
10716.8	67.5°	11781.0	12845.2	12949.1	13052.8	14539.0	16025.1	17674.4	19323.7	20032.4	19323.7
9520.9	70°	10678.5	11836.1	11882.5	11929.0	13258.0	14587.0	16006.3	17425.5	17819.5	17425.5
8095.9	72.5°	9424.2	10752.6	10786.0	10819.2	11859.1	12898.9	13961.9	15024.8	15064.7	15024.8
6293.1	75°	7667.9	9042.7	9166.1	9289.6	10098.6	10907.6	11655.9	12404.2	12203.7	12404.2
4496.3	77.5°	5779.6	7063.1	7239.7	7416.4	8031.4	8646.4	9177.1	9707.9	9363.3	9707.9
2942.8	80°	4022.5	5102.1	5321.7	5541.2	6005.7	6470.0	6748.7	7027.3	6473.0	7027.3
1710.6	82.5°	2448.8	3187.0	3432.2	3677.6	3997.3	4317.0	4433.2	4549.4	4113.8	4549.4
752.6	85°	1144.4	1536.2	1744.8	1953.4	2216.1	2478.7	2544.7	2610.7	2261.7	2610.7
233.0	87.5°	364.7	496.3	612.7	729.1	860.5	991.8	997.4	1003.0	842.0	1003.0
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°
2824.2	0°	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2
3117.3	2.5°	3112.4	3102.7	3092.9	3076.5	3060.2	3048.6	3037.1
3482.6	5°	3469.5	3447.8	3426.2	3386.2	3346.3	3306.0	3265.8
3834.1	7.5°	3814.9	3779.4	3744.0	3685.2	3626.3	3561.0	3495.5
4066.5	10°	4047.9	4006.3	3964.4	3895.4	3826.4	3749.0	3671.6
4142.6	12.5°	4132.4	4102.1	4071.7	4009.5	3947.1	3863.3	3779.4
4059.4	15°	4070.2	4069.1	4068.0	4028.8	3989.7	3917.4	3845.0
3853.0	17.5°	3893.2	3937.1	3981.0	3980.4	3979.6	3930.7	3881.9
3589.4	20°	3659.9	3756.8	3853.7	3905.2	3956.6	3939.5	3922.5
3338.5	22.5°	3426.7	3569.2	3711.7	3818.3	3925.0	3947.3	3969.6
3126.7	25°	3219.5	3392.6	3565.6	3727.5	3889.4	3959.9	4030.3
2957.0	27.5°	3048.3	3240.1	3431.9	3646.3	3860.7	3986.8	4112.7
2836.0	30°	2920.6	3120.4	3320.3	3584.3	3848.3	4036.0	4223.8
2801.3	32.5°	2867.7	3055.5	3243.3	3542.0	3840.7	4097.7	4354.9
2986.2	35°	3001.7	3132.0	3262.5	3573.6	3884.9	4199.5	4514.2
3530.3	37.5°	3459.4	3467.9	3476.3	3759.2	4042.0	4412.2	4782.4
4431.1	40°	4258.8	4110.3	3961.8	4172.2	4382.5	4785.1	5187.7
5645.1	42.5°	5331.6	5007.8	4684.0	4805.2	4926.3	5325.8	5725.2
7116.9	45°	6602.0	6083.1	5564.3	5617.9	5671.3	6030.2	6389.0
8749.8	47.5°	7995.8	7247.6	6499.2	6510.1	6520.9	6870.1	7219.1
10372.7	50°	9377.6	8413.1	7448.6	7446.7	7444.9	7876.0	8307.2
11941.8	52.5°	10710.5	9558.4	8406.3	8459.2	8512.0	9034.0	9556.2
13474.9	55°	12007.0	10724.8	9442.6	9648.4	9854.2	10370.0	10885.9
14960.0	57.5°	13297.4	12002.6	10707.9	11120.6	11533.4	11814.4	12095.3
16904.4	60°	15124.3	13899.0	12673.8	13186.4	13699.0	13262.6	12826.3
18662.4	62.5°	16968.8	15846.2	14723.8	14781.7	14839.5	13647.3	12455.1
18887.9	65°	17245.6	15819.2	14392.8	14171.5	13950.1	12831.1	11712.2
17674.4	67.5°	16025.1	14539.0	13052.8	12949.1	12845.2	11781.0	10716.8
16006.3	70°	14587.0	13258.0	11929.0	11882.5	11836.1	10678.5	9520.9
13961.9	72.5°	12898.9	11859.1	10819.2	10786.0	10752.6	9424.2	8095.9
11655.9	75°	10907.6	10098.6	9289.6	9166.1	9042.7	7667.9	6293.1
9177.1	77.5°	8646.4	8031.4	7416.4	7239.7	7063.1	5779.6	4496.3
6748.7	80°	6470.0	6005.7	5541.2	5321.7	5102.1	4022.5	2942.8
4433.2	82.5°	4317.0	3997.3	3677.6	3432.2	3187.0	2448.8	1710.6
2544.7	85°	2478.7	2216.1	1953.4	1744.8	1536.2	1144.4	752.6
997.4	87.5°	991.8	860.5	729.1	612.7	496.3	364.7	233.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)