

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: P952591

Luminaire Tested: **GALN-SB6B-927-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P952591
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-SB6B-927-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 90 CRI, 2700K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20711 lumens
Efficiency: N/A
Efficacy: 94.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

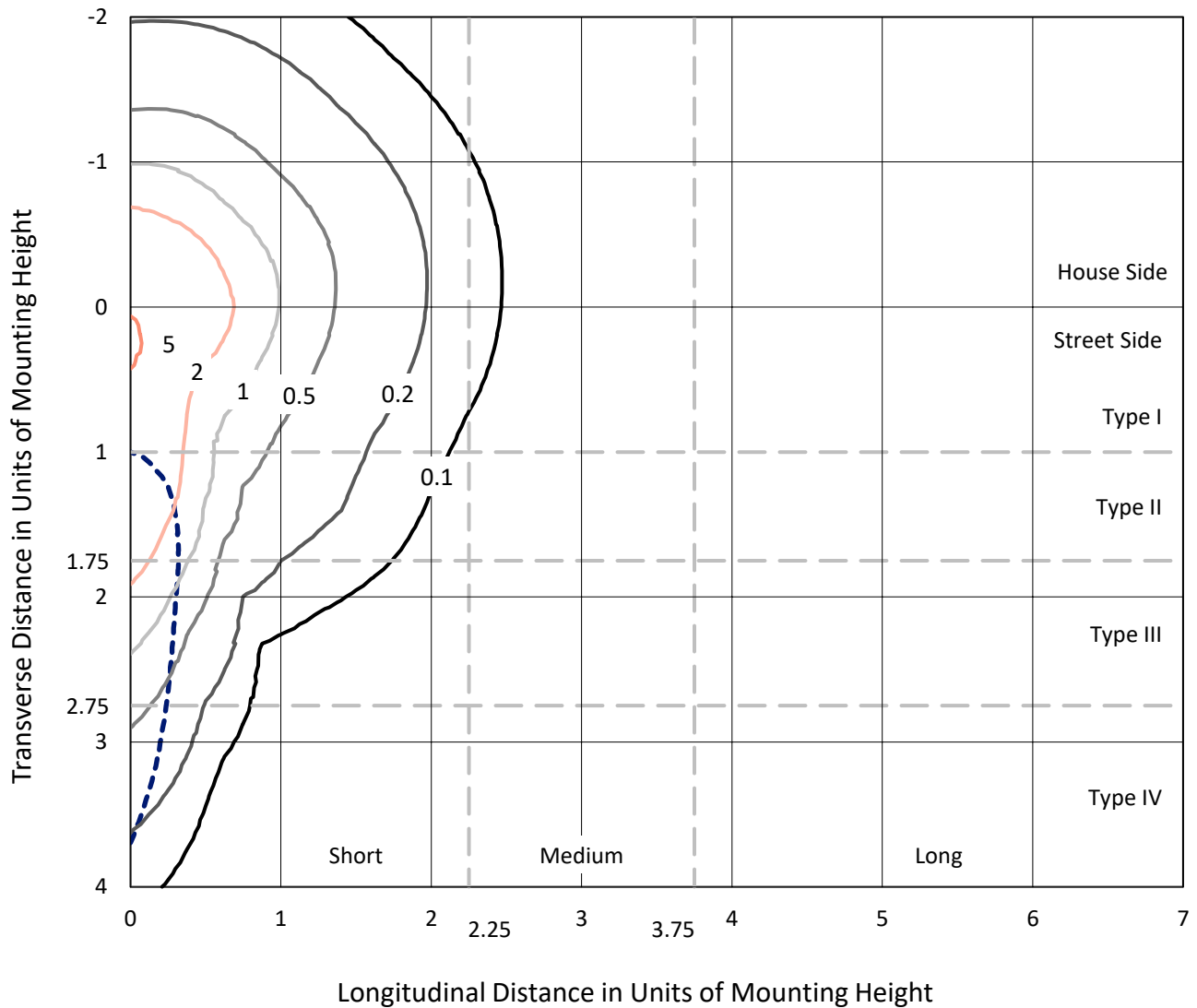
Input Watts (W): 220.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

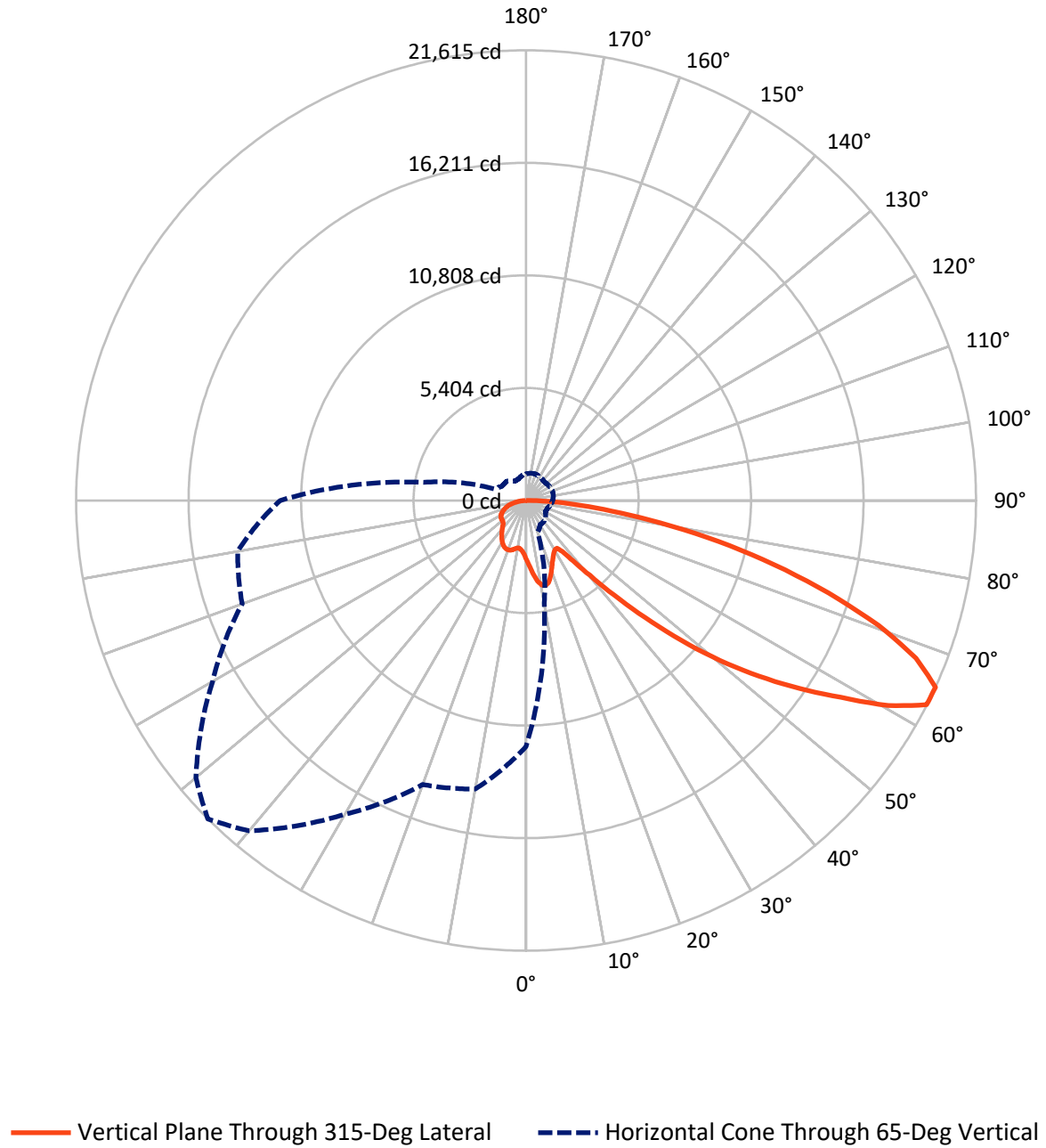
× Max cd
 - - - 1/2 Max cd



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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CATALOG NUMBER: GALN-SB6B-927-U-SLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5263.7	0.0	5263.7
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	15447.3	0.0	15447.3
	% Fixture	74.6	0.0	74.6
Total	Lumens	20711.0	0.0	20711.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	282.5	1.4
10°-20°	886.9	4.3
20°-30°	1369.9	6.6
30°-40°	1736.0	8.4
40°-50°	2618.3	12.6
50°-60°	4230.3	20.4
60°-70°	5273.8	25.5
70°-80°	3458.3	16.7
80°-90°	855.0	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°	20711.0	100.0
0°-180°	20711.0	100.0

Coefficient of Utilization



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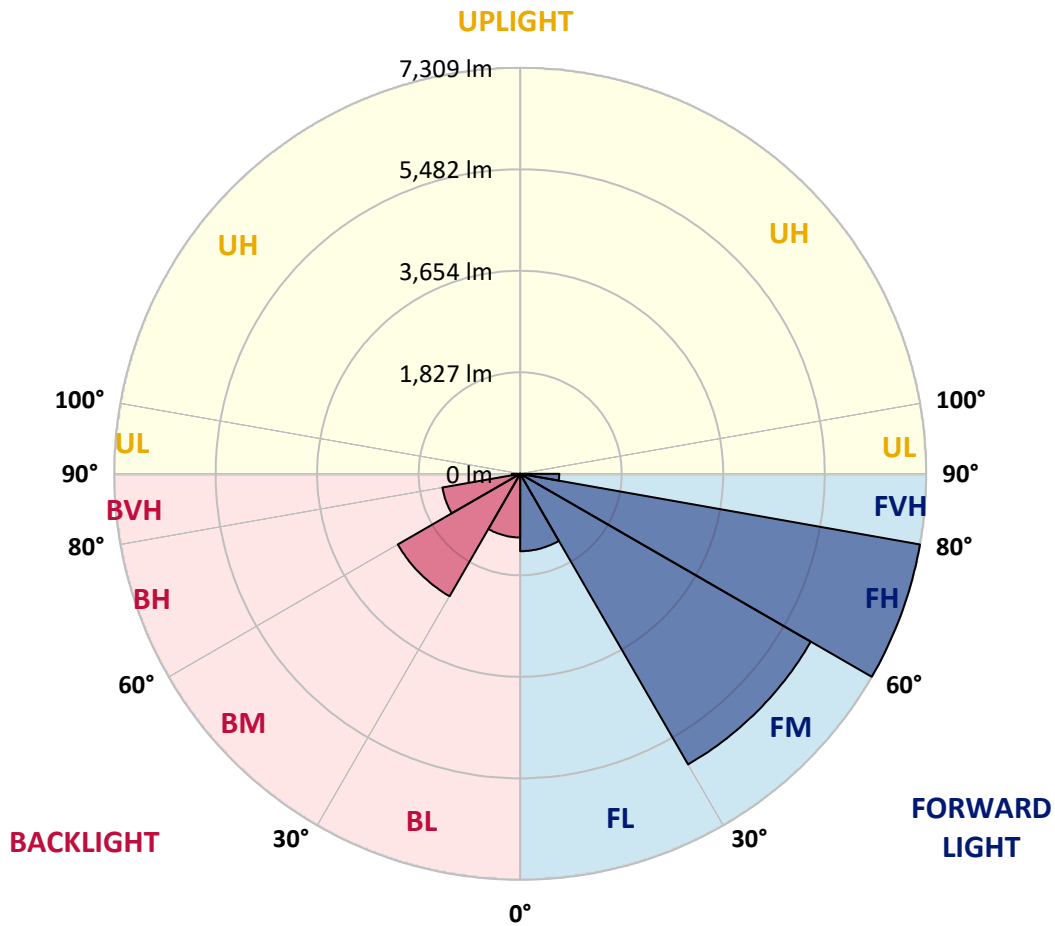
CATALOG NUMBER: GALN-SB6B-927-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1393.1	6.7			
FM (30°-60°)	6040.9	29.2			
FH (60°-80°)	7309.0	35.3			G3/7500
FVH (80°-90°)	704.3	3.4			G4/750
BL (0°-30°)	1146.2	5.5	B3/2500		
BM (30°-60°)	2543.7	12.3	B3/5000		
BH (60°-80°)	1423.1	6.9	B3/2500		G3/2500
BVH (80°-90°)	150.7	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°	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9
2.5°	3062.7	3039.2	3015.7	2990.7	2965.7	2940.6	2915.5	2891.4	2867.4	2844.1
5°	3293.3	3241.4	3189.5	3137.7	3086.0	3033.8	2981.8	2933.2	2884.6	2838.7
7.5°	3525.0	3439.3	3353.7	3274.6	3195.5	3118.4	3041.4	2973.5	2905.6	2843.0
10°	3702.5	3594.2	3485.9	3381.4	3276.9	3183.3	3089.7	3009.5	2929.0	2851.8
12.5°	3811.3	3692.3	3573.4	3454.9	3336.4	3226.1	3115.7	3024.9	2934.1	2852.9
15°	3877.4	3753.4	3629.3	3500.8	3372.3	3245.2	3118.1	3013.0	2907.8	2817.9
17.5°	3914.6	3788.8	3663.0	3522.8	3382.6	3235.0	3087.5	2961.0	2834.6	2728.8
20°	3955.5	3824.8	3694.0	3539.9	3385.8	3207.0	3028.3	2871.5	2714.8	2591.7
22.5°	4003.1	3869.5	3735.9	3563.1	3390.2	3172.7	2955.3	2766.5	2577.8	2437.6
25°	4064.3	3933.3	3802.5	3605.1	3407.5	3138.9	2870.3	2649.3	2428.3	2284.6
27.5°	4147.3	4022.5	3897.6	3670.6	3443.5	3116.2	2788.9	2542.1	2295.2	2164.4
30°	4259.3	4138.7	4018.2	3755.5	3492.9	3105.6	2718.1	2452.4	2186.8	2076.9
32.5°	4391.6	4272.1	4152.8	3844.2	3535.6	3092.5	2649.3	2375.2	2101.0	2012.5
35°	4552.2	4437.9	4323.5	3945.2	3566.8	3067.8	2569.0	2299.2	2029.4	1955.6
37.5°	4822.7	4676.9	4531.1	4058.3	3585.4	3025.5	2465.7	2209.8	1954.0	1889.5
40°	5231.4	5019.0	4806.5	4201.9	3597.1	2967.3	2337.6	2103.2	1868.8	1810.3
42.5°	5773.5	5466.8	5160.2	4389.7	3619.3	2907.2	2195.3	1985.5	1775.6	1721.8
45°	6442.8	6029.2	5615.6	4636.9	3658.3	2851.3	2044.5	1860.5	1676.4	1621.8
47.5°	7280.0	6697.8	6115.5	4900.3	3685.1	2805.2	1925.4	1761.5	1597.7	1527.2
50°	8377.2	7499.5	6621.7	5144.7	3667.6	2754.9	1842.3	1695.9	1549.4	1456.8
52.5°	9636.7	8341.6	7046.6	5303.3	3559.9	2670.0	1780.2	1652.6	1525.1	1418.5
55°	10977.6	9088.3	7199.1	5268.4	3337.5	2529.3	1721.0	1621.2	1521.5	1422.3
57.5°	12197.2	9617.4	7037.7	5022.3	3006.9	2330.8	1654.6	1584.1	1513.6	1426.2
60°	12934.3	9749.7	6564.9	4564.2	2563.6	2073.1	1582.7	1527.2	1471.8	1414.1
62.5°	12560.0	9192.9	5825.7	3944.9	2064.2	1764.7	1465.3	1428.5	1391.7	1384.6
65°	11810.9	8405.0	4999.2	3313.1	1627.0	1487.2	1347.5	1330.1	1312.7	1313.6
67.5°	10807.1	7467.5	4127.9	2694.1	1260.3	1220.6	1180.8	1190.5	1200.2	1197.8
70°	9601.1	6444.5	3287.8	2121.2	954.6	966.0	977.2	1022.2	1067.2	1067.2
72.5°	8164.1	5335.5	2507.0	1621.7	736.4	770.6	804.9	868.7	932.4	943.1
75°	6346.1	4064.2	1782.2	1177.0	571.8	602.8	633.8	705.3	776.8	826.2
77.5°	4534.2	2844.6	1154.9	797.6	440.2	461.3	482.5	551.9	621.3	702.7
80°	2967.6	1832.7	697.8	513.9	330.0	338.8	347.5	406.3	465.0	562.3
82.5°	1725.0	1060.7	396.5	316.0	235.8	237.4	239.1	282.4	325.7	408.7
85°	759.0	477.1	195.4	169.0	142.6	141.9	141.0	172.7	204.4	266.1
87.5°	235.0	156.3	77.6	70.1	62.5	61.7	61.0	73.9	86.9	112.6
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°
2847.9	0°	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9
2818.2	2.5°	2797.2	2776.4	2757.5	2738.7	2722.2	2705.7	2689.0	2672.5	2659.8	2646.9
2793.3	5°	2753.7	2714.1	2680.8	2647.7	2618.4	2589.2	2562.6	2535.9	2515.5	2495.0
2784.3	7.5°	2731.7	2679.1	2635.4	2591.7	2554.8	2517.9	2485.3	2452.9	2428.5	2404.2
2788.7	10°	2733.2	2677.7	2634.0	2590.2	2550.6	2510.8	2474.2	2437.6	2408.5	2379.3
2794.2	12.5°	2748.7	2703.5	2674.4	2645.5	2614.3	2583.3	2545.3	2507.5	2470.4	2433.2
2770.9	15°	2749.1	2727.5	2731.4	2735.4	2727.3	2719.2	2686.3	2653.4	2600.5	2547.6
2699.9	17.5°	2707.8	2715.7	2763.4	2811.0	2836.4	2861.6	2835.0	2808.6	2738.5	2668.5
2584.0	20°	2621.2	2658.3	2741.1	2823.9	2876.9	2929.9	2917.7	2905.3	2825.2	2745.2
2452.6	22.5°	2507.5	2562.5	2656.9	2751.6	2820.5	2889.5	2896.9	2904.2	2827.7	2751.2
2325.0	25°	2388.4	2451.8	2536.7	2621.7	2689.6	2757.5	2782.8	2808.1	2745.3	2682.7
2213.5	27.5°	2274.7	2335.9	2405.8	2475.5	2529.9	2584.3	2612.5	2640.8	2596.2	2551.6
2115.5	30°	2164.0	2212.8	2270.7	2328.6	2373.8	2419.0	2442.0	2464.9	2430.9	2396.8
2029.6	32.5°	2058.4	2087.1	2133.3	2179.7	2222.9	2266.3	2291.8	2317.4	2286.1	2254.7
1948.5	35°	1956.4	1964.4	1999.7	2034.9	2077.7	2120.7	2151.3	2181.9	2159.6	2137.4
1863.5	37.5°	1854.8	1846.0	1871.4	1896.6	1939.4	1982.2	2020.0	2057.8	2047.5	2037.3
1770.4	40°	1750.6	1730.8	1749.1	1767.3	1808.7	1850.0	1893.5	1937.1	1939.6	1942.0
1671.5	42.5°	1645.3	1619.0	1633.9	1648.9	1688.0	1727.2	1774.2	1821.2	1833.8	1846.4
1573.1	45°	1547.6	1522.1	1534.6	1547.2	1584.4	1621.6	1670.3	1719.0	1737.1	1755.1
1485.4	47.5°	1464.0	1442.5	1454.4	1466.0	1502.4	1538.7	1586.8	1634.9	1655.7	1676.4
1408.1	50°	1389.1	1370.2	1388.6	1407.0	1441.3	1475.6	1518.6	1561.7	1588.3	1615.0
1350.5	52.5°	1331.7	1313.0	1340.7	1368.2	1399.7	1431.1	1471.2	1511.4	1543.0	1574.6
1319.9	55°	1290.2	1260.6	1299.8	1338.9	1372.8	1406.7	1441.9	1477.0	1510.4	1544.0
1301.6	57.5°	1258.3	1215.0	1257.2	1299.4	1339.2	1378.9	1413.7	1448.6	1482.3	1516.0
1284.3	60°	1228.2	1172.1	1209.1	1246.1	1291.7	1337.4	1372.7	1408.1	1442.0	1475.9
1264.2	62.5°	1194.0	1124.0	1147.5	1171.0	1224.2	1277.5	1315.2	1352.9	1384.0	1415.0
1221.8	65°	1147.3	1072.6	1081.7	1090.7	1147.7	1204.9	1240.9	1277.0	1304.3	1331.6
1146.2	67.5°	1084.1	1022.0	1019.2	1016.3	1069.0	1121.8	1156.0	1190.1	1213.7	1237.3
1050.2	70°	1006.1	961.9	952.1	942.2	988.6	1034.9	1064.4	1093.9	1115.2	1136.6
943.3	72.5°	913.1	882.8	868.4	854.1	890.6	926.9	953.6	980.3	1001.2	1022.0
822.0	75°	798.8	775.4	761.6	747.7	774.8	801.9	826.1	850.2	869.2	888.3
700.5	77.5°	681.8	663.1	649.1	635.2	657.2	679.2	700.0	720.7	740.7	760.6
561.9	80°	546.3	530.6	518.9	507.1	525.4	543.7	561.2	578.7	593.8	608.9
413.3	82.5°	405.7	398.0	389.7	381.4	379.9	378.3	372.2	366.1	398.4	430.8
272.1	85°	263.9	255.7	246.4	237.1	229.3	221.3	204.4	187.4	217.7	248.1
120.2	87.5°	116.9	113.7	111.9	110.2	109.8	109.5	96.6	83.6	96.3	109.1
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°
2847.9	0°	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9
2636.5	2.5°	2626.1	2618.0	2609.9	2602.5	2594.9	2585.7	2594.9	2602.5	2609.9	2618.0
2480.6	5°	2466.3	2456.2	2446.0	2438.2	2430.5	2422.8	2430.5	2438.2	2446.0	2456.2
2387.2	7.5°	2370.2	2358.5	2346.9	2339.9	2333.0	2327.7	2333.0	2339.9	2346.9	2358.5
2360.3	10°	2341.1	2330.0	2319.0	2313.1	2307.2	2304.8	2307.2	2313.1	2319.0	2330.0
2408.6	12.5°	2384.0	2371.7	2359.4	2354.4	2349.4	2348.5	2349.4	2354.4	2359.4	2371.7
2510.3	15°	2472.9	2455.7	2438.7	2432.1	2425.6	2425.0	2425.6	2432.1	2438.7	2455.7
2613.4	17.5°	2558.3	2533.0	2507.5	2499.2	2490.8	2489.5	2490.8	2499.2	2507.5	2533.0
2677.7	20°	2610.2	2577.8	2545.2	2534.8	2524.5	2521.2	2524.5	2534.8	2545.2	2577.8
2681.7	22.5°	2612.1	2577.9	2543.6	2532.1	2520.6	2515.7	2520.6	2532.1	2543.6	2577.9
2620.8	25°	2559.2	2529.5	2499.9	2489.1	2478.3	2472.0	2478.3	2489.1	2499.9	2529.5
2503.6	27.5°	2455.6	2435.7	2415.7	2410.8	2405.9	2404.2	2405.9	2410.8	2415.7	2435.7
2362.5	30°	2328.0	2317.8	2307.5	2307.5	2307.5	2309.2	2307.5	2307.5	2307.5	2317.8
2227.3	32.5°	2199.9	2193.2	2186.6	2187.4	2188.4	2190.1	2188.4	2187.4	2186.6	2193.2
2112.0	35°	2086.8	2076.6	2066.6	2064.4	2062.2	2061.1	2062.2	2064.4	2066.6	2076.6
2014.0	37.5°	1990.6	1972.1	1953.8	1944.1	1934.3	1928.9	1934.3	1944.1	1953.8	1972.1
1922.2	40°	1902.4	1875.5	1848.9	1830.7	1812.8	1802.1	1812.8	1830.7	1848.9	1875.5
1829.6	42.5°	1813.0	1779.7	1746.4	1720.0	1693.7	1676.4	1693.7	1720.0	1746.4	1779.7
1740.0	45°	1725.0	1686.9	1648.9	1617.9	1587.0	1567.1	1587.0	1617.9	1648.9	1686.9
1665.9	47.5°	1655.4	1621.6	1587.7	1559.0	1530.5	1511.4	1530.5	1559.0	1587.7	1621.6
1614.3	50°	1613.9	1586.8	1559.7	1533.3	1506.8	1488.4	1506.8	1533.3	1559.7	1586.8
1580.2	52.5°	1585.9	1563.9	1541.8	1518.1	1494.5	1477.5	1494.5	1518.1	1541.8	1563.9
1551.8	55°	1559.7	1540.5	1521.2	1500.5	1479.7	1464.4	1479.7	1500.5	1521.2	1540.5
1524.0	57.5°	1531.9	1512.5	1493.0	1472.5	1451.8	1436.0	1451.8	1472.5	1493.0	1512.5
1484.6	60°	1493.4	1474.4	1455.4	1434.2	1413.0	1396.6	1413.0	1434.2	1455.4	1474.4
1423.4	62.5°	1431.8	1414.7	1397.5	1375.2	1352.9	1333.3	1352.9	1375.2	1397.5	1414.7
1340.3	65°	1348.8	1332.3	1315.8	1294.1	1272.6	1255.7	1272.6	1294.1	1315.8	1332.3
1245.7	67.5°	1254.0	1238.8	1223.8	1203.7	1183.5	1168.2	1183.5	1203.7	1223.8	1238.8
1144.6	70°	1152.7	1140.4	1128.0	1108.8	1089.6	1072.1	1089.6	1108.8	1128.0	1140.4
1031.6	72.5°	1041.3	1031.0	1020.7	1002.4	984.1	967.2	984.1	1002.4	1020.7	1031.0
898.3	75°	908.4	903.3	898.3	882.9	867.5	851.3	867.5	882.9	898.3	903.3
770.0	77.5°	779.4	772.4	765.2	749.7	734.2	721.3	734.2	749.7	765.2	772.4
621.4	80°	633.8	630.8	627.8	607.0	586.0	561.7	586.0	607.0	627.8	630.8
452.0	82.5°	473.2	471.9	470.5	452.9	435.2	419.7	435.2	452.9	470.5	471.9
274.3	85°	300.5	298.3	296.2	282.4	268.6	254.6	268.6	282.4	296.2	298.3
119.7	87.5°	130.3	127.6	124.8	117.8	110.6	103.8	110.6	117.8	124.8	127.6
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°
2847.9	0°	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9
2626.1	2.5°	2636.5	2646.9	2659.8	2672.5	2689.0	2705.7	2722.2	2738.7	2757.5	2776.4
2466.3	5°	2480.6	2495.0	2515.5	2535.9	2562.6	2589.2	2618.4	2647.7	2680.8	2714.1
2370.2	7.5°	2387.2	2404.2	2428.5	2452.9	2485.3	2517.9	2554.8	2591.7	2635.4	2679.1
2341.1	10°	2360.3	2379.3	2408.5	2437.6	2474.2	2510.8	2550.6	2590.2	2634.0	2677.7
2384.0	12.5°	2408.6	2433.2	2470.4	2507.5	2545.3	2583.3	2614.3	2645.5	2674.4	2703.5
2472.9	15°	2510.3	2547.6	2600.5	2653.4	2686.3	2719.2	2727.3	2735.4	2731.4	2727.5
2558.3	17.5°	2613.4	2668.5	2738.5	2808.6	2835.0	2861.6	2836.4	2811.0	2763.4	2715.7
2610.2	20°	2677.7	2745.2	2825.2	2905.3	2917.7	2929.9	2876.9	2823.9	2741.1	2658.3
2612.1	22.5°	2681.7	2751.2	2827.7	2904.2	2896.9	2889.5	2820.5	2751.6	2656.9	2562.5
2559.2	25°	2620.8	2682.7	2745.3	2808.1	2782.8	2757.5	2689.6	2621.7	2536.7	2451.8
2455.6	27.5°	2503.6	2551.6	2596.2	2640.8	2612.5	2584.3	2529.9	2475.5	2405.8	2335.9
2328.0	30°	2362.5	2396.8	2430.9	2464.9	2442.0	2419.0	2373.8	2328.6	2270.7	2212.8
2199.9	32.5°	2227.3	2254.7	2286.1	2317.4	2291.8	2266.3	2222.9	2179.7	2133.3	2087.1
2086.8	35°	2112.0	2137.4	2159.6	2181.9	2151.3	2120.7	2077.7	2034.9	1999.7	1964.4
1990.6	37.5°	2014.0	2037.3	2047.5	2057.8	2020.0	1982.2	1939.4	1896.6	1871.4	1846.0
1902.4	40°	1922.2	1942.0	1939.6	1937.1	1893.5	1850.0	1808.7	1767.3	1749.1	1730.8
1813.0	42.5°	1829.6	1846.4	1833.8	1821.2	1774.2	1727.2	1688.0	1648.9	1633.9	1619.0
1725.0	45°	1740.0	1755.1	1737.1	1719.0	1670.3	1621.6	1584.4	1547.2	1534.6	1522.1
1655.4	47.5°	1665.9	1676.4	1655.7	1634.9	1586.8	1538.7	1502.4	1466.0	1454.4	1442.5
1613.9	50°	1614.3	1615.0	1588.3	1561.7	1518.6	1475.6	1441.3	1407.0	1388.6	1370.2
1585.9	52.5°	1580.2	1574.6	1543.0	1511.4	1471.2	1431.1	1399.7	1368.2	1340.7	1313.0
1559.7	55°	1551.8	1544.0	1510.4	1477.0	1441.9	1406.7	1372.8	1338.9	1299.8	1260.6
1531.9	57.5°	1524.0	1516.0	1482.3	1448.6	1413.7	1378.9	1339.2	1299.4	1257.2	1215.0
1493.4	60°	1484.6	1475.9	1442.0	1408.1	1372.7	1337.4	1291.7	1246.1	1209.1	1172.1
1431.8	62.5°	1423.4	1415.0	1384.0	1352.9	1315.2	1277.5	1224.2	1171.0	1147.5	1124.0
1348.8	65°	1340.3	1331.6	1304.3	1277.0	1240.9	1204.9	1147.7	1090.7	1081.7	1072.6
1254.0	67.5°	1245.7	1237.3	1213.7	1190.1	1156.0	1121.8	1069.0	1016.3	1019.2	1022.0
1152.7	70°	1144.6	1136.6	1115.2	1093.9	1064.4	1034.9	988.6	942.2	952.1	961.9
1041.3	72.5°	1031.6	1022.0	1001.2	980.3	953.6	926.9	890.6	854.1	868.4	882.8
908.4	75°	898.3	888.3	869.2	850.2	826.1	801.9	774.8	747.7	761.6	775.4
779.4	77.5°	770.0	760.6	740.7	720.7	700.0	679.2	657.2	635.2	649.1	663.1
633.8	80°	621.4	608.9	593.8	578.7	561.2	543.7	525.4	507.1	518.9	530.6
473.2	82.5°	452.0	430.8	398.4	366.1	372.2	378.3	379.9	381.4	389.7	398.0
300.5	85°	274.3	248.1	217.7	187.4	204.4	221.3	229.3	237.1	246.4	255.7
130.3	87.5°	119.7	109.1	96.3	83.6	96.6	109.5	109.8	110.2	111.9	113.7
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°
2847.9	0°	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9
2797.2	2.5°	2818.2	2844.1	2867.4	2891.4	2915.5	2940.6	2965.7	2990.7	3015.7	3039.2
2753.7	5°	2793.3	2838.7	2884.6	2933.2	2981.8	3033.8	3086.0	3137.7	3189.5	3241.4
2731.7	7.5°	2784.3	2843.0	2905.6	2973.5	3041.4	3118.4	3195.5	3274.6	3353.7	3439.3
2733.2	10°	2788.7	2851.8	2929.0	3009.5	3089.7	3183.3	3276.9	3381.4	3485.9	3594.2
2748.7	12.5°	2794.2	2852.9	2934.1	3024.9	3115.7	3226.1	3336.4	3454.9	3573.4	3692.3
2749.1	15°	2770.9	2817.9	2907.8	3013.0	3118.1	3245.2	3372.3	3500.8	3629.3	3753.4
2707.8	17.5°	2699.9	2728.8	2834.6	2961.0	3087.5	3235.0	3382.6	3522.8	3663.0	3788.8
2621.2	20°	2584.0	2591.7	2714.8	2871.5	3028.3	3207.0	3385.8	3539.9	3694.0	3824.8
2507.5	22.5°	2452.6	2437.6	2577.8	2766.5	2955.3	3172.7	3390.2	3563.1	3735.9	3869.5
2388.4	25°	2325.0	2284.6	2428.3	2649.3	2870.3	3138.9	3407.5	3605.1	3802.5	3933.3
2274.7	27.5°	2213.5	2164.4	2295.2	2542.1	2788.9	3116.2	3443.5	3670.6	3897.6	4022.5
2164.0	30°	2115.5	2076.9	2186.8	2452.4	2718.1	3105.6	3492.9	3755.5	4018.2	4138.7
2058.4	32.5°	2029.6	2012.5	2101.0	2375.2	2649.3	3092.5	3535.6	3844.2	4152.8	4272.1
1956.4	35°	1948.5	1955.6	2029.4	2299.2	2569.0	3067.8	3566.8	3945.2	4323.5	4437.9
1854.8	37.5°	1863.5	1889.5	1954.0	2209.8	2465.7	3025.5	3585.4	4058.3	4531.1	4676.9
1750.6	40°	1770.4	1810.3	1868.8	2103.2	2337.6	2967.3	3597.1	4201.9	4806.5	5019.0
1645.3	42.5°	1671.5	1721.8	1775.6	1985.5	2195.3	2907.2	3619.3	4389.7	5160.2	5466.8
1547.6	45°	1573.1	1621.8	1676.4	1860.5	2044.5	2851.3	3658.3	4636.9	5615.6	6029.2
1464.0	47.5°	1485.4	1527.2	1597.7	1761.5	1925.4	2805.2	3685.1	4900.3	6115.5	6697.8
1389.1	50°	1408.1	1456.8	1549.4	1695.9	1842.3	2754.9	3667.6	5144.7	6621.7	7499.5
1331.7	52.5°	1350.5	1418.5	1525.1	1652.6	1780.2	2670.0	3559.9	5303.3	7046.6	8341.6
1290.2	55°	1319.9	1422.3	1521.5	1621.2	1721.0	2529.3	3337.5	5268.4	7199.1	9088.3
1258.3	57.5°	1301.6	1426.2	1513.6	1584.1	1654.6	2330.8	3006.9	5022.3	7037.7	9617.4
1228.2	60°	1284.3	1414.1	1471.8	1527.2	1582.7	2073.1	2563.6	4564.2	6564.9	9749.7
1194.0	62.5°	1264.2	1384.6	1391.7	1428.5	1465.3	1764.7	2064.2	3944.9	5825.7	9192.9
1147.3	65°	1221.8	1313.6	1312.7	1330.1	1347.5	1487.2	1627.0	3313.1	4999.2	8405.0
1084.1	67.5°	1146.2	1197.8	1200.2	1190.5	1180.8	1220.6	1260.3	2694.1	4127.9	7467.5
1006.1	70°	1050.2	1067.2	1067.2	1022.2	977.2	966.0	954.6	2121.2	3287.8	6444.5
913.1	72.5°	943.3	943.1	932.4	868.7	804.9	770.6	736.4	1621.7	2507.0	5335.5
798.8	75°	822.0	826.2	776.8	705.3	633.8	602.8	571.8	1177.0	1782.2	4064.2
681.8	77.5°	700.5	702.7	621.3	551.9	482.5	461.3	440.2	797.6	1154.9	2844.6
546.3	80°	561.9	562.3	465.0	406.3	347.5	338.8	330.0	513.9	697.8	1832.7
405.7	82.5°	413.3	408.7	325.7	282.4	239.1	237.4	235.8	316.0	396.5	1060.7
263.9	85°	272.1	266.1	204.4	172.7	141.0	141.9	142.6	169.0	195.4	477.1
116.9	87.5°	120.2	112.6	86.9	73.9	61.0	61.7	62.5	70.1	77.6	156.3
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
2847.9	0°	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9
3062.7	2.5°	3074.3	3086.0	3102.5	3119.0	3128.8	3138.6	3143.6	3148.5	3146.3	3148.5
3293.3	5°	3333.8	3374.5	3414.7	3455.0	3476.9	3498.7	3512.0	3525.3	3535.3	3525.3
3525.0	7.5°	3591.0	3656.9	3716.2	3775.5	3811.3	3847.0	3866.4	3885.6	3894.9	3885.6
3702.5	10°	3780.6	3858.6	3928.2	3997.8	4040.0	4082.0	4100.8	4119.5	4126.6	4119.5
3811.3	12.5°	3895.9	3980.3	4043.3	4106.0	4136.6	4167.2	4177.5	4187.8	4188.9	4187.8
3877.4	15°	3950.4	4023.3	4062.7	4102.3	4103.4	4104.5	4093.6	4082.6	4069.7	4082.6
3914.6	17.5°	3963.8	4013.1	4013.9	4014.5	3970.3	3926.0	3885.5	3844.8	3816.2	3844.8
3955.5	20°	3972.7	3990.0	3938.0	3886.1	3788.4	3690.7	3619.6	3548.5	3504.7	3548.5
4003.1	22.5°	3980.6	3958.0	3850.5	3743.0	3599.3	3455.6	3366.6	3277.6	3229.3	3277.6
4064.3	25°	3993.2	3922.2	3758.9	3595.7	3421.1	3246.6	3153.1	3059.7	3014.1	3059.7
4147.3	27.5°	4020.3	3893.2	3677.0	3460.8	3267.4	3073.9	2981.9	2890.0	2846.8	2890.0
4259.3	30°	4070.0	3880.7	3614.5	3348.2	3146.7	2945.2	2859.9	2774.5	2734.3	2774.5
4391.6	32.5°	4132.2	3873.0	3571.8	3270.7	3081.3	2891.9	2824.9	2757.8	2728.8	2757.8
4552.2	35°	4234.9	3917.6	3603.7	3290.0	3158.4	3026.9	3011.3	2995.7	2993.3	2995.7
4822.7	37.5°	4449.4	4076.1	3790.8	3505.6	3497.1	3488.6	3560.0	3631.5	3668.7	3631.5
5231.4	40°	4825.4	4419.4	4207.3	3995.2	4144.9	4294.6	4468.4	4642.2	4728.7	4642.2
5773.5	42.5°	5370.7	4967.8	4845.7	4723.5	5050.0	5376.6	5692.6	6008.7	6194.2	6008.7
6442.8	45°	6081.0	5719.0	5665.2	5611.2	6134.3	6657.6	7176.9	7696.3	8011.6	7696.3
7280.0	47.5°	6927.9	6575.8	6564.9	6554.0	7308.7	8063.2	8823.5	9583.7	10030.1	9583.7
8377.2	50°	7942.3	7507.6	7509.4	7511.3	8483.9	9456.6	10460.1	11463.7	12070.4	11463.7
9636.7	52.5°	9110.1	8583.7	8530.5	8477.2	9639.0	10800.8	12042.4	13284.0	14011.3	13284.0
10977.6	55°	10457.4	9937.2	9729.7	9522.1	10815.2	12108.1	13588.4	15068.6	15933.6	15068.6
12197.2	57.5°	11913.9	11630.5	11214.3	10798.1	12103.7	13409.4	15086.0	16762.5	17835.1	16762.5
12934.3	60°	13374.3	13814.4	13297.5	12780.5	14016.1	15251.7	17046.8	18841.9	20001.2	18841.9
12560.0	62.5°	13762.2	14964.5	14906.2	14847.9	15979.7	17111.7	18819.6	20527.4	21598.9	20527.4
11810.9	65°	12939.2	14067.6	14290.8	14514.0	15952.4	17390.9	19047.0	20703.0	21615.3	20703.0
10807.1	67.5°	11880.3	12953.4	13058.1	13162.7	14661.4	16160.0	17823.2	19486.4	20201.1	19486.4
9601.1	70°	10768.4	11935.8	11982.6	12029.4	13369.7	14709.8	16141.1	17572.3	17969.6	17572.3
8164.1	72.5°	9503.6	10843.2	10876.8	10910.4	11958.9	13007.5	14079.5	15151.4	15191.6	15151.4
6346.1	75°	7732.5	9118.9	9243.3	9367.8	10183.6	10999.4	11754.0	12508.6	12306.5	12508.6
4534.2	77.5°	5828.3	7122.6	7300.7	7478.9	8099.0	8719.2	9254.4	9789.7	9442.1	9789.7
2967.6	80°	4056.4	5145.1	5366.5	5587.9	6056.3	6524.5	6805.6	7086.5	6527.5	7086.5
1725.0	82.5°	2469.4	3213.8	3461.1	3708.6	4030.9	4353.3	4470.6	4587.7	4148.4	4587.7
759.0	85°	1154.0	1549.1	1759.5	1969.8	2234.7	2499.5	2566.1	2632.7	2280.8	2632.7
235.0	87.5°	367.7	500.5	617.9	735.3	867.7	1000.2	1005.8	1011.4	849.1	1011.4
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°
2847.9	0°	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9	2847.9
3143.6	2.5°	3138.6	3128.8	3119.0	3102.5	3086.0	3074.3	3062.7
3512.0	5°	3498.7	3476.9	3455.0	3414.7	3374.5	3333.8	3293.3
3866.4	7.5°	3847.0	3811.3	3775.5	3716.2	3656.9	3591.0	3525.0
4100.8	10°	4082.0	4040.0	3997.8	3928.2	3858.6	3780.6	3702.5
4177.5	12.5°	4167.2	4136.6	4106.0	4043.3	3980.3	3895.9	3811.3
4093.6	15°	4104.5	4103.4	4102.3	4062.7	4023.3	3950.4	3877.4
3885.5	17.5°	3926.0	3970.3	4014.5	4013.9	4013.1	3963.8	3914.6
3619.6	20°	3690.7	3788.4	3886.1	3938.0	3990.0	3972.7	3955.5
3366.6	22.5°	3455.6	3599.3	3743.0	3850.5	3958.0	3980.6	4003.1
3153.1	25°	3246.6	3421.1	3595.7	3758.9	3922.2	3993.2	4064.3
2981.9	27.5°	3073.9	3267.4	3460.8	3677.0	3893.2	4020.3	4147.3
2859.9	30°	2945.2	3146.7	3348.2	3614.5	3880.7	4070.0	4259.3
2824.9	32.5°	2891.9	3081.3	3270.7	3571.8	3873.0	4132.2	4391.6
3011.3	35°	3026.9	3158.4	3290.0	3603.7	3917.6	4234.9	4552.2
3560.0	37.5°	3488.6	3497.1	3505.6	3790.8	4076.1	4449.4	4822.7
4468.4	40°	4294.6	4144.9	3995.2	4207.3	4419.4	4825.4	5231.4
5692.6	42.5°	5376.6	5050.0	4723.5	4845.7	4967.8	5370.7	5773.5
7176.9	45°	6657.6	6134.3	5611.2	5665.2	5719.0	6081.0	6442.8
8823.5	47.5°	8063.2	7308.7	6554.0	6564.9	6575.8	6927.9	7280.0
10460.1	50°	9456.6	8483.9	7511.3	7509.4	7507.6	7942.3	8377.2
12042.4	52.5°	10800.8	9639.0	8477.2	8530.5	8583.7	9110.1	9636.7
13588.4	55°	12108.1	10815.2	9522.1	9729.7	9937.2	10457.4	10977.6
15086.0	57.5°	13409.4	12103.7	10798.1	11214.3	11630.5	11913.9	12197.2
17046.8	60°	15251.7	14016.1	12780.5	13297.5	13814.4	13374.3	12934.3
18819.6	62.5°	17111.7	15979.7	14847.9	14906.2	14964.5	13762.2	12560.0
19047.0	65°	17390.9	15952.4	14514.0	14290.8	14067.6	12939.2	11810.9
17823.2	67.5°	16160.0	14661.4	13162.7	13058.1	12953.4	11880.3	10807.1
16141.1	70°	14709.8	13369.7	12029.4	11982.6	11935.8	10768.4	9601.1
14079.5	72.5°	13007.5	11958.9	10910.4	10876.8	10843.2	9503.6	8164.1
11754.0	75°	10999.4	10183.6	9367.8	9243.3	9118.9	7732.5	6346.1
9254.4	77.5°	8719.2	8099.0	7478.9	7300.7	7122.6	5828.3	4534.2
6805.6	80°	6524.5	6056.3	5587.9	5366.5	5145.1	4056.4	2967.6
4470.6	82.5°	4353.3	4030.9	3708.6	3461.1	3213.8	2469.4	1725.0
2566.1	85°	2499.5	2234.7	1969.8	1759.5	1549.1	1154.0	759.0
1005.8	87.5°	1000.2	867.7	735.3	617.9	500.5	367.7	235.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)