

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: STREETWORKS

Report Number: P320485

Luminaire Tested: **GAN-SA1C-830-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320485
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-26)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAN-SA1C-830-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(1) 80 CRI, 3000K, 1050mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5173 lumens
Efficiency: N/A
Efficacy: 87.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G2

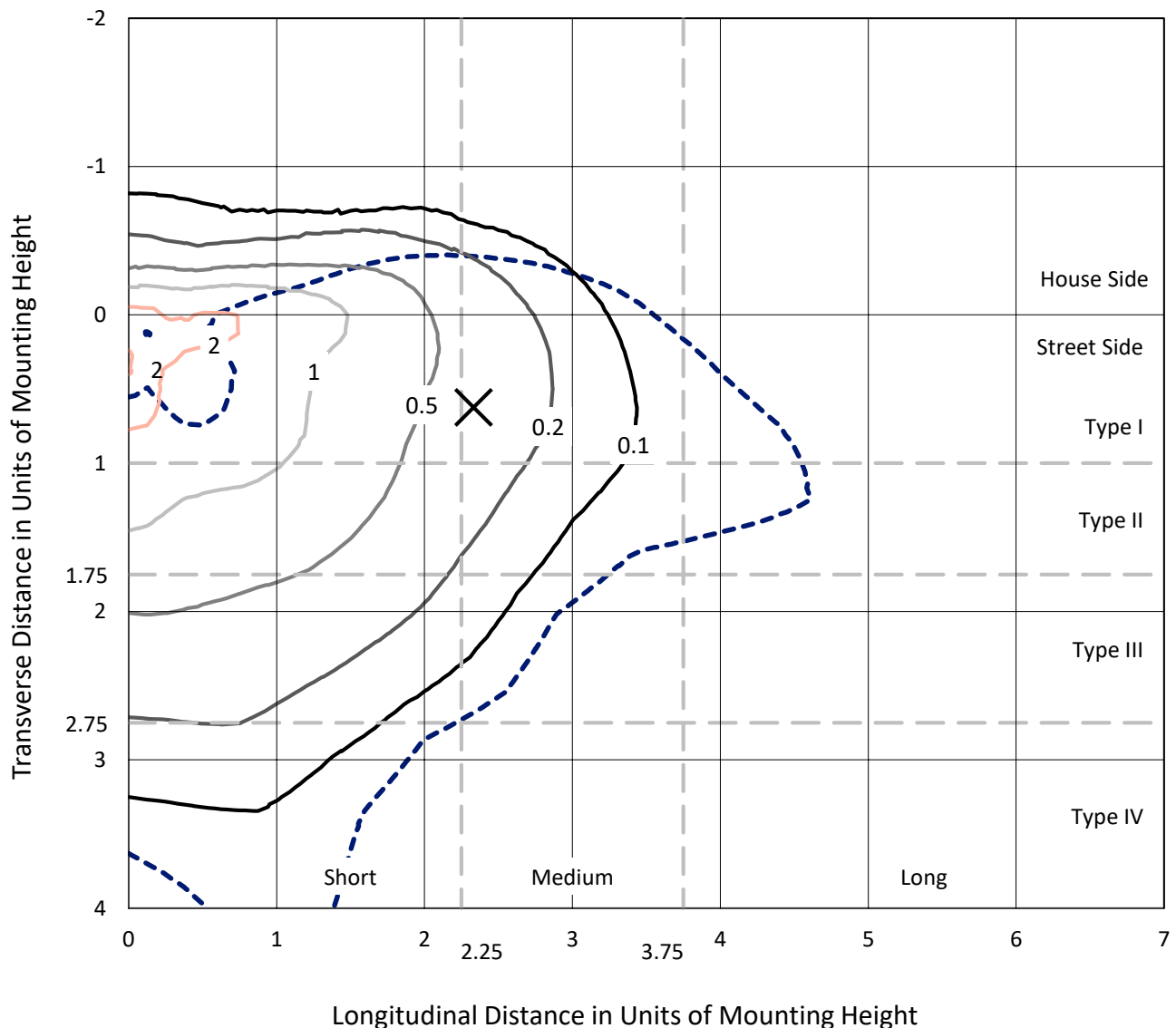
Input Watts (W): 59
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

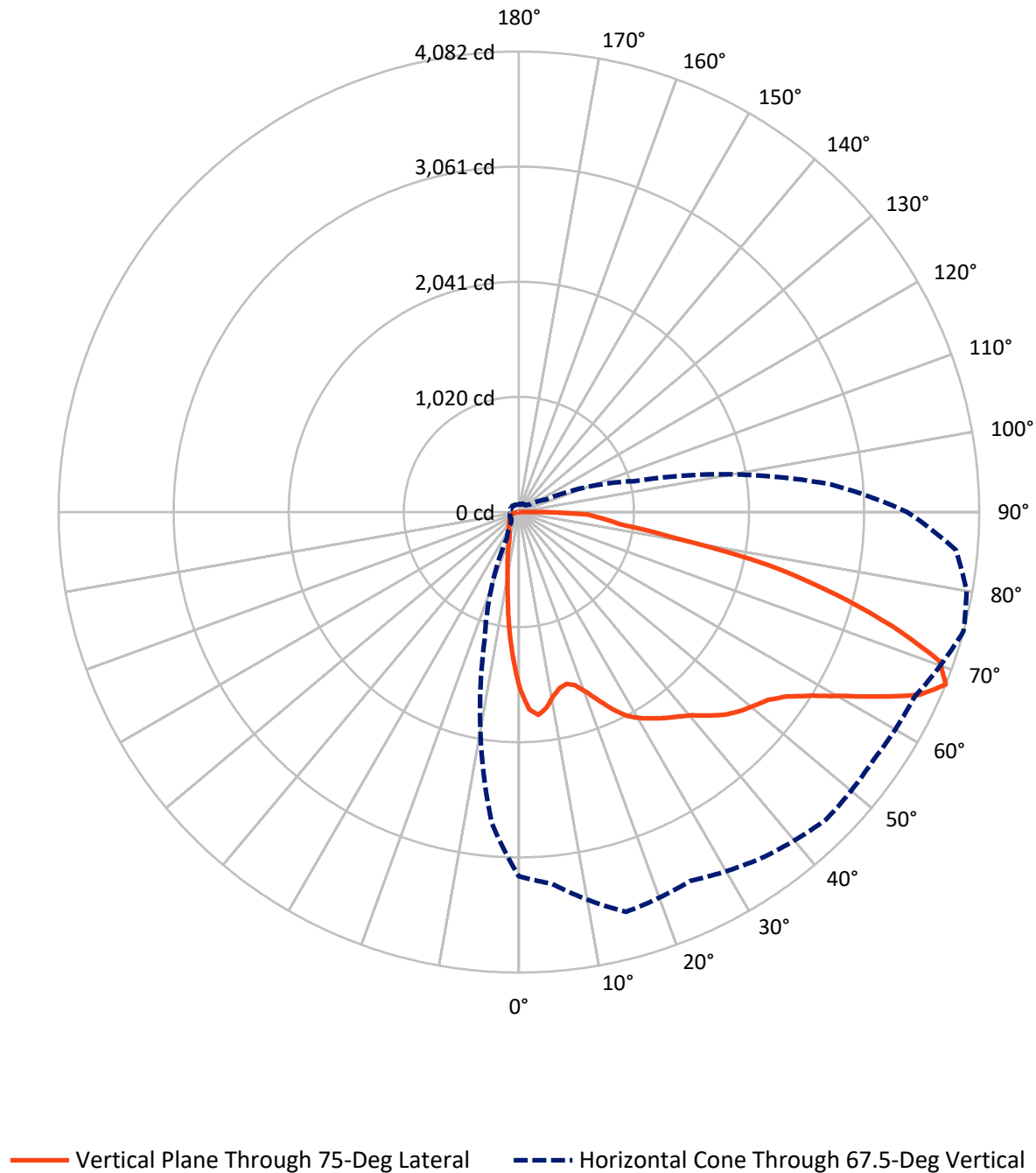
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.2 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	911.1	0.0	911.1
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	4261.9	0.0	4261.9
	% Fixture	82.4	0.0	82.4
Total	Lumens	5173.0	0.0	5173.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.6	2.4
10°-20°	252.7	4.9
20°-30°	359.4	6.9
30°-40°	517.8	10.0
40°-50°	729.8	14.1
50°-60°	1014.5	19.6
60°-70°	1226.8	23.7
70°-80°	754.1	14.6
80°-90°	196.2	3.8
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°	5173.0	100.0
0°-180°	5173.0	100.0

Coefficient of Utilization



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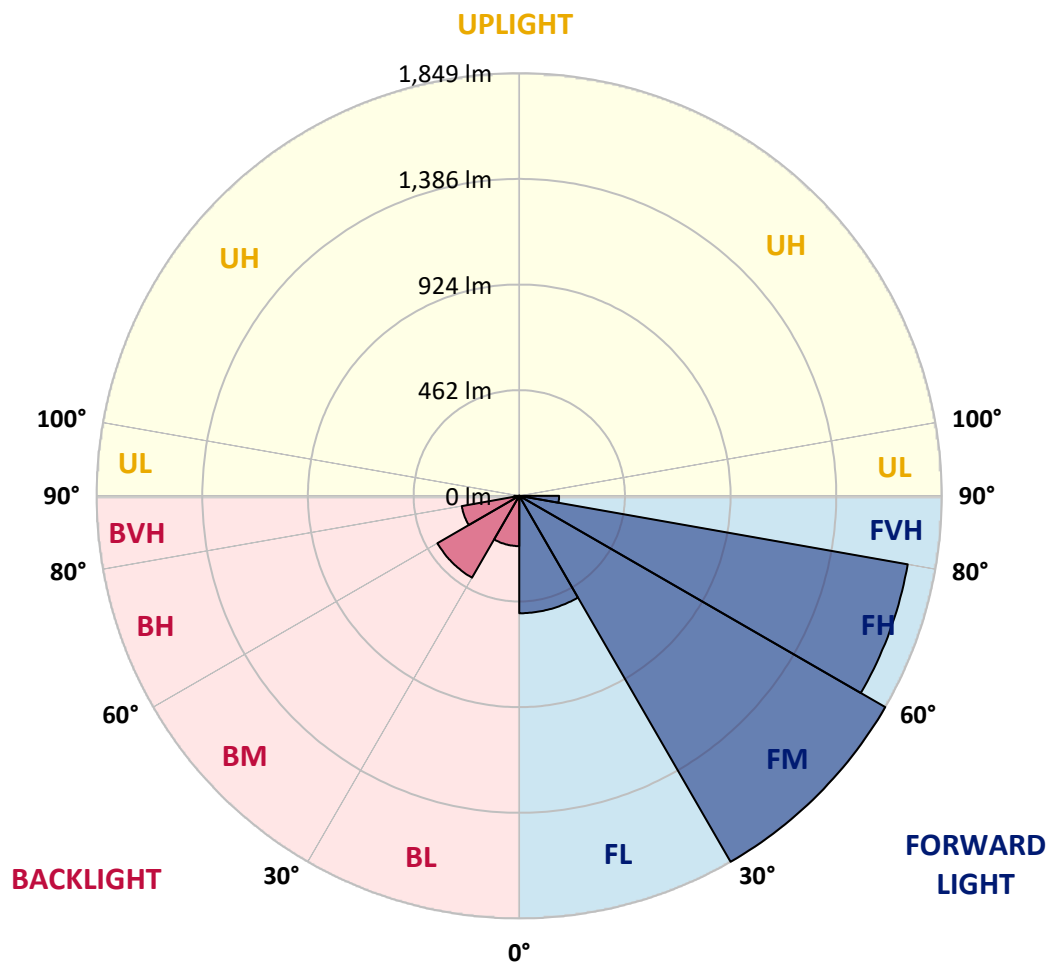
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	513.6	9.9			
FM	(30°-60°)	1848.6	35.7			
FH	(60°-80°)	1725.5	33.4			G1/1800
FVH	(80°-90°)	174.2	3.4			G2/225
BL	(0°-30°)	220.0	4.3	B1/500		
BM	(30°-60°)	413.6	8.0	B1/1000		
BH	(60°-80°)	255.4	4.9	B1/500		G1/500
BVH	(80°-90°)	22.0	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0
2.5°	1679.8	1701.9	1717.2	1732.3	1744.1	1755.7	1772.7	1789.6	1792.9	1796.0	1789.4
5°	1669.9	1723.9	1769.8	1815.5	1857.9	1900.3	1925.7	1951.2	1956.3	1961.5	1945.6
7.5°	1562.9	1642.6	1722.2	1801.8	1874.8	1947.8	1992.3	2036.6	2046.7	2056.6	2030.6
10°	1441.3	1534.0	1631.8	1729.6	1825.8	1922.0	1986.3	2050.6	2063.5	2076.3	2043.8
12.5°	1348.9	1450.0	1554.5	1658.9	1760.5	1861.8	1928.4	1995.0	2010.9	2026.8	2003.3
15°	1313.3	1424.2	1522.4	1620.7	1709.2	1797.5	1852.1	1906.5	1913.1	1919.5	1915.8
17.5°	1348.9	1471.1	1560.1	1648.8	1697.0	1745.0	1766.9	1788.6	1795.8	1802.9	1812.4
20°	1452.9	1584.9	1647.5	1710.0	1707.9	1705.7	1695.1	1684.4	1682.5	1680.6	1707.5
22.5°	1601.4	1754.7	1779.7	1804.5	1746.4	1688.3	1652.9	1617.3	1610.3	1603.1	1631.6
25°	1775.8	1939.0	1934.4	1929.6	1819.0	1708.1	1640.7	1573.3	1565.4	1557.6	1582.0
27.5°	1965.4	2121.4	2091.6	2061.8	1911.4	1761.1	1663.3	1565.4	1557.6	1549.7	1571.2
30°	2113.7	2255.2	2207.4	2159.6	1989.4	1819.2	1703.0	1586.7	1573.9	1560.9	1587.4
32.5°	2239.3	2359.6	2295.5	2231.4	2052.7	1874.0	1748.3	1622.5	1602.5	1582.4	1617.8
35°	2370.0	2463.9	2373.7	2283.3	2109.2	1934.8	1801.8	1668.6	1644.0	1619.4	1668.0
37.5°	2517.0	2595.0	2465.5	2335.8	2172.7	2009.5	1882.1	1754.5	1729.2	1704.0	1766.0
40°	2672.3	2737.3	2564.6	2391.9	2242.2	2092.4	1993.1	1893.7	1869.7	1845.5	1920.7
42.5°	2808.2	2855.6	2656.8	2458.1	2325.9	2193.5	2123.6	2053.5	2053.3	2052.9	2129.2
45°	2910.6	2951.8	2733.8	2515.6	2407.6	2299.4	2263.0	2226.6	2255.8	2285.0	2354.0
47.5°	2995.6	3023.5	2798.3	2572.9	2501.1	2429.3	2434.7	2440.1	2499.4	2558.8	2603.3
50°	3092.8	3070.3	2856.8	2643.2	2621.0	2598.9	2647.3	2695.5	2763.8	2831.8	2862.0
52.5°	3198.1	3138.3	2936.2	2734.0	2758.8	2783.6	2882.1	2980.5	3049.4	3118.2	3129.6
55°	3387.3	3295.7	3082.3	2868.6	2916.4	2964.0	3108.5	3252.9	3306.7	3360.4	3364.6
57.5°	3600.6	3519.3	3286.8	3054.3	3105.6	3156.9	3323.8	3490.5	3548.6	3606.6	3598.5
60°	3682.7	3686.6	3481.0	3275.2	3326.9	3378.6	3541.2	3703.8	3770.6	3837.2	3819.4
62.5°	3599.9	3696.9	3587.1	3477.1	3524.0	3570.8	3730.0	3889.3	3957.7	4026.2	3995.2
65°	3436.3	3532.5	3581.7	3631.0	3646.5	3662.0	3810.7	3959.2	4011.7	4064.0	4048.3
67.5°	3228.3	3306.0	3487.6	3669.0	3637.8	3606.6	3676.2	3745.9	3799.9	3853.9	3845.0
70°	2987.3	3080.0	3322.2	3564.4	3410.9	3257.2	3228.5	3199.7	3258.1	3316.2	3280.2
72.5°	2555.3	2695.1	2953.4	3211.5	2928.8	2646.1	2547.8	2449.6	2523.4	2597.3	2540.0
75°	1930.1	2115.6	2401.0	2686.2	2348.9	2011.5	1880.4	1749.3	1812.8	1876.3	1837.0
77.5°	1342.3	1574.9	1856.0	2137.1	1794.2	1451.1	1353.6	1256.0	1275.1	1293.9	1287.3
80°	915.2	1068.2	1264.3	1460.2	1231.8	1003.5	1011.1	1018.6	1009.7	1000.6	1013.8
82.5°	573.9	681.7	833.1	984.3	863.1	741.9	811.4	880.9	846.7	812.4	825.2
85°	323.3	389.0	537.1	685.0	638.5	591.7	632.5	673.0	620.1	567.1	590.5
87.5°	61.6	102.6	297.2	491.6	446.3	401.0	348.5	296.0	225.8	155.7	227.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	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):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0
2.5°	1782.8	1779.3	1775.8	1763.2	1750.3	1731.3	1715.6	1688.3	1673.4	1650.8	1628.3
5°	1929.4	1907.1	1884.8	1846.3	1807.6	1764.6	1715.2	1660.4	1619.0	1565.2	1511.5
7.5°	2004.5	1952.4	1900.1	1826.2	1752.2	1685.6	1607.4	1534.6	1472.6	1402.7	1332.8
10°	2011.3	1933.2	1854.8	1758.8	1662.6	1581.8	1491.8	1410.9	1336.5	1256.2	1175.8
12.5°	1979.5	1896.3	1813.0	1707.3	1601.4	1509.6	1412.8	1322.2	1239.7	1151.4	1062.9
15°	1912.1	1845.7	1779.1	1680.0	1580.9	1488.3	1394.4	1287.0	1193.8	1103.4	1012.8
17.5°	1821.7	1790.2	1758.6	1687.0	1615.3	1535.0	1444.0	1318.1	1208.9	1110.6	1012.4
20°	1734.2	1745.8	1757.2	1728.6	1700.1	1635.8	1556.3	1414.9	1275.5	1147.0	1018.4
22.5°	1659.9	1715.6	1771.0	1793.1	1815.1	1776.4	1714.3	1550.7	1366.3	1198.5	1030.8
25°	1606.2	1698.4	1790.7	1864.3	1937.7	1920.5	1872.8	1715.8	1486.6	1272.8	1058.7
27.5°	1592.7	1705.9	1819.0	1933.2	2047.1	2063.0	2049.8	1889.7	1630.2	1365.0	1099.7
30°	1613.8	1728.4	1842.8	1981.8	2120.5	2184.0	2201.8	2034.7	1794.2	1472.6	1150.8
32.5°	1653.1	1765.4	1877.7	2029.1	2180.3	2276.3	2332.9	2167.3	1908.5	1553.6	1198.5
35°	1716.6	1821.7	1926.7	2084.3	2241.9	2366.0	2469.4	2304.2	2010.1	1610.3	1210.3
37.5°	1827.9	1918.3	2008.6	2154.3	2299.6	2460.6	2615.9	2455.0	2119.9	1664.9	1209.7
40°	1996.0	2059.9	2123.6	2246.7	2369.6	2572.0	2781.7	2623.1	2241.3	1724.1	1206.8
42.5°	2205.5	2238.4	2271.1	2368.5	2465.9	2688.5	2932.3	2787.5	2357.1	1779.1	1201.0
45°	2422.9	2431.6	2440.3	2501.7	2562.9	2780.7	3034.9	2911.0	2458.3	1826.9	1195.2
47.5°	2647.5	2617.7	2588.0	2612.4	2636.8	2851.4	3108.1	3004.7	2559.8	1879.8	1199.6
50°	2892.2	2809.3	2726.3	2713.5	2700.7	2922.2	3194.4	3123.8	2681.9	1956.9	1232.0
52.5°	3140.8	3004.1	2867.4	2816.7	2765.8	3006.6	3308.7	3272.1	2856.0	2076.5	1296.8
55°	3368.7	3194.8	3020.8	2952.6	2884.3	3135.6	3448.3	3489.9	3079.2	2229.3	1379.3
57.5°	3590.2	3393.1	3196.0	3132.7	3069.4	3325.3	3625.2	3685.3	3304.6	2376.0	1447.1
60°	3801.6	3606.6	3411.3	3360.6	3309.8	3561.1	3816.3	3772.4	3420.8	2444.6	1468.2
62.5°	3964.1	3809.0	3653.9	3627.2	3600.3	3799.5	3963.1	3738.5	3347.0	2377.0	1407.0
65°	4032.6	3944.3	3855.8	3880.8	3905.6	3979.9	3999.7	3639.2	3114.9	2187.5	1260.2
67.5°	3835.9	3853.9	3871.9	3977.0	4081.8	4030.7	3890.9	3443.6	2784.6	1919.1	1053.5
70°	3244.0	3352.0	3459.7	3708.3	3956.7	3843.4	3599.5	3092.4	2387.1	1609.9	832.5
72.5°	2482.5	2603.9	2725.1	3094.0	3462.8	3358.4	3059.7	2540.0	1913.9	1285.6	657.1
75°	1797.5	1934.6	2071.5	2478.5	2885.6	2740.6	2288.7	1818.6	1453.7	981.4	508.8
77.5°	1280.4	1372.3	1464.1	1866.1	2268.0	2031.8	1523.4	1223.8	1006.2	682.1	357.8
80°	1027.1	998.9	970.8	1194.8	1418.8	1379.5	1007.6	785.9	696.4	457.1	217.8
82.5°	837.8	769.2	700.5	806.0	911.5	905.7	699.3	576.6	518.3	317.7	117.1
85°	613.6	586.1	558.6	651.9	745.2	665.6	473.6	366.5	404.1	233.9	63.7
87.5°	299.3	341.9	384.3	494.3	604.1	453.6	143.7	71.1	98.4	64.7	30.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320485
 CATALOG NUMBER: GAN-SA1C-830-U-SLL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320485

CATALOG NUMBER: GAN-SA1C-830-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0
2.5°	1611.6	1594.6	1575.4	1556.1	1534.2	1512.1	1499.0	1485.8	1471.5	1457.3	1441.1
5°	1475.9	1440.3	1400.0	1359.6	1319.7	1279.8	1258.3	1236.8	1214.0	1191.1	1171.2
7.5°	1281.1	1229.1	1173.3	1117.2	1067.6	1017.8	987.0	955.9	927.8	899.5	875.7
10°	1109.6	1043.4	987.4	931.1	893.7	856.2	827.9	799.6	772.3	744.8	718.5
12.5°	996.7	930.5	894.9	859.3	828.3	797.3	764.6	731.7	694.3	656.7	629.2
15°	952.6	892.4	852.9	813.2	771.7	729.9	689.7	649.6	605.4	561.1	529.9
17.5°	933.6	854.8	799.6	744.1	689.3	634.5	588.0	541.5	493.1	444.7	413.0
20°	913.5	808.7	734.6	660.4	590.1	519.7	467.0	414.3	371.0	327.8	303.6
22.5°	895.3	759.7	666.8	573.7	490.6	407.4	355.7	303.8	277.3	250.9	241.2
25°	887.9	716.8	602.7	488.5	400.8	312.9	276.1	239.3	229.2	218.8	213.9
27.5°	889.1	678.6	548.7	418.6	339.6	260.6	235.4	210.1	203.9	197.5	194.4
30°	893.9	637.0	497.8	358.6	293.5	228.3	212.0	195.4	188.8	182.2	178.3
32.5°	899.3	599.8	458.5	317.1	263.9	210.5	197.1	183.5	177.0	170.6	166.7
35°	890.0	569.4	431.6	293.9	244.9	195.7	184.3	172.7	165.7	158.6	154.9
37.5°	874.2	538.8	410.7	282.5	232.5	182.2	173.9	165.5	158.2	150.8	147.3
40°	860.0	512.9	395.2	277.3	225.6	173.7	166.7	159.7	152.2	144.6	140.4
42.5°	848.4	495.5	379.9	264.3	219.4	174.4	164.4	154.3	147.0	139.8	135.3
45°	839.7	484.2	367.9	251.7	213.6	175.6	163.0	150.4	143.1	135.7	130.3
47.5°	838.9	478.2	359.5	240.7	202.7	164.4	159.3	154.1	143.5	132.8	126.6
50°	850.2	468.5	349.5	230.4	192.1	153.9	160.9	167.7	149.7	131.5	123.7
52.5°	874.0	451.3	333.8	216.3	179.3	142.1	153.0	163.8	148.3	132.6	122.4
55°	902.8	426.1	310.0	193.8	162.4	130.7	140.4	149.9	140.2	130.3	118.1
57.5°	920.8	394.2	280.0	165.9	143.3	120.8	126.4	131.7	127.8	123.9	111.5
60°	910.0	351.8	246.3	140.6	126.6	112.5	111.5	110.2	116.0	121.8	107.5
62.5°	857.5	308.0	216.5	125.1	114.6	103.8	101.5	99.1	108.6	117.9	102.8
65°	768.8	277.3	197.7	118.1	106.3	94.5	92.0	89.6	92.4	95.3	88.3
67.5°	656.0	258.5	187.0	115.4	101.1	86.7	83.8	80.9	80.2	79.6	77.1
70°	539.8	246.9	179.9	112.9	95.6	78.0	75.3	72.6	71.8	70.7	68.9
72.5°	451.3	245.5	179.1	112.7	91.0	69.3	66.8	64.3	63.3	62.0	60.6
75°	369.6	230.4	170.0	109.6	84.8	59.8	57.5	55.2	54.4	53.4	52.1
77.5°	274.2	190.7	142.9	95.1	72.6	50.1	47.8	45.3	45.1	44.7	43.6
80°	177.9	137.9	102.2	66.4	52.9	39.3	37.4	35.4	35.6	35.8	35.0
82.5°	98.9	80.5	62.5	44.5	36.2	27.9	27.1	26.1	26.7	27.1	26.1
85°	52.1	40.5	33.5	26.5	20.9	15.3	15.3	15.1	15.9	16.8	15.9
87.5°	22.5	14.3	12.2	9.9	5.6	1.0	1.2	1.2	1.7	2.1	1.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320485
 CATALOG NUMBER: GAN-SA1C-830-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P320485

CATALOG NUMBER: GAN-SA1C-830-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0
2.5°	1424.8	1409.7	1394.4	1377.6	1380.7	1367.9	1355.1	1347.0	1339.0	1336.5	1334.0
5°	1151.4	1134.2	1116.8	1101.3	1114.8	1105.7	1096.6	1095.3	1093.9	1093.9	1093.7
7.5°	851.9	833.5	814.9	802.1	815.3	813.6	812.0	820.9	829.8	837.0	844.0
10°	692.2	669.9	647.4	628.3	625.0	615.5	605.8	607.8	609.7	617.6	625.4
12.5°	601.6	575.0	548.3	525.9	515.8	500.1	484.2	474.2	464.3	465.3	466.2
15°	498.4	472.6	446.5	427.3	420.9	408.7	396.5	384.1	371.5	366.3	360.9
17.5°	381.2	360.5	339.6	326.8	326.8	323.3	319.7	313.5	307.1	302.0	296.6
20°	279.4	268.5	257.3	251.9	253.6	253.8	253.8	256.9	260.0	258.3	256.7
22.5°	231.2	227.3	223.4	221.1	221.9	222.1	222.3	225.2	227.9	230.0	231.8
25°	208.7	206.2	203.7	202.9	204.8	205.0	205.0	206.8	208.7	210.8	212.8
27.5°	191.1	190.1	189.0	187.6	189.4	189.4	189.2	191.3	193.2	195.0	196.7
30°	174.4	174.8	175.0	174.6	175.8	176.6	177.2	178.7	179.9	181.4	182.8
32.5°	162.6	161.9	161.3	160.9	163.6	165.0	166.5	167.9	169.2	169.8	170.4
35°	151.2	149.7	148.3	147.3	149.7	151.6	153.5	156.2	158.6	159.0	159.5
37.5°	143.5	141.7	139.8	138.6	139.6	140.4	141.3	144.2	147.0	148.7	150.2
40°	136.3	134.4	132.6	131.5	132.2	132.4	132.6	134.0	135.3	138.4	141.3
42.5°	130.5	128.2	126.0	124.7	125.1	125.5	125.7	125.5	125.3	128.2	131.1
45°	124.7	122.2	119.7	118.3	118.5	118.5	118.5	118.1	117.5	118.9	120.4
47.5°	120.2	117.3	114.4	112.9	112.5	112.1	111.7	111.5	111.1	112.1	112.9
50°	115.6	112.5	109.2	107.5	106.5	106.1	105.7	105.5	105.1	106.1	106.9
52.5°	112.1	108.4	104.7	102.0	100.9	100.3	99.7	99.9	99.9	100.3	100.5
55°	105.9	102.6	99.1	97.2	95.3	94.9	94.5	95.1	95.6	95.6	95.6
57.5°	99.1	96.0	92.7	91.4	89.8	89.8	89.6	90.4	91.0	91.4	91.8
60°	93.1	89.6	86.0	85.0	84.4	84.2	84.0	85.0	85.8	86.7	87.5
62.5°	87.5	83.8	80.0	78.8	78.6	78.8	78.8	79.8	80.7	81.5	82.3
65°	81.3	77.6	73.6	72.4	72.8	73.4	74.0	74.9	75.5	76.3	77.1
67.5°	74.5	71.4	68.0	66.8	67.0	67.8	68.7	69.3	69.7	70.5	71.4
70°	67.0	64.3	61.6	60.8	60.6	61.6	62.5	62.9	63.3	64.3	65.1
72.5°	58.9	56.7	54.4	53.8	54.0	54.6	55.2	55.8	56.3	57.3	58.1
75°	50.7	48.6	46.5	46.1	46.5	47.2	47.8	48.2	48.6	49.8	50.9
77.5°	42.6	40.3	37.8	37.6	38.3	38.9	39.3	39.9	40.5	42.2	43.8
80°	34.1	31.6	29.0	28.7	29.4	30.0	30.6	31.2	31.9	33.9	35.8
82.5°	25.0	22.1	19.2	18.8	20.9	21.5	22.1	23.2	24.0	25.9	27.7
85°	15.1	12.2	9.3	9.1	11.0	12.0	13.0	14.3	15.3	17.0	18.6
87.5°	1.7	0.8	0.0	0.0	0.2	1.0	1.9	2.9	3.9	5.6	7.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320485
 CATALOG NUMBER: GAN-SA1C-830-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320485

CATALOG NUMBER: GAN-SA1C-830-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0
2.5°	1324.9	1315.6	1325.1	1334.4	1338.3	1342.3	1332.1	1321.8	1337.9	1353.9	1358.0
5°	1085.4	1076.9	1083.3	1089.5	1075.7	1061.8	1060.4	1058.7	1070.7	1082.7	1084.6
7.5°	841.3	838.7	844.7	850.7	833.1	815.3	806.6	797.9	800.8	803.7	803.3
10°	627.3	628.9	636.4	643.6	630.0	616.3	610.3	604.3	611.0	617.4	623.4
12.5°	469.9	473.4	481.3	488.9	483.3	477.6	478.2	478.8	486.4	493.9	500.5
15°	365.0	369.2	374.8	380.1	380.3	380.3	385.7	390.9	390.3	389.7	394.2
17.5°	302.2	307.5	308.2	308.8	309.0	309.2	308.8	308.4	305.3	302.2	305.7
20°	258.7	260.6	262.2	263.7	261.8	259.8	254.6	249.4	247.4	245.3	248.6
22.5°	235.4	238.7	237.0	235.2	231.4	227.5	223.6	219.4	219.2	218.8	220.7
25°	215.7	218.4	215.5	212.6	209.9	207.2	204.5	201.9	201.7	201.4	202.3
27.5°	199.4	201.9	199.2	196.5	194.2	191.9	189.9	187.8	187.4	187.0	187.2
30°	185.3	187.6	185.3	182.8	181.2	179.3	177.9	176.4	176.2	176.0	176.0
32.5°	172.7	175.0	173.3	171.7	170.2	168.8	167.7	166.7	165.7	164.6	162.4
35°	161.7	164.0	163.0	161.7	160.1	158.4	156.6	154.5	151.8	148.9	147.7
37.5°	152.4	154.7	153.7	152.6	150.4	148.1	144.8	141.3	140.4	139.4	139.2
40°	145.0	148.5	146.4	144.2	140.6	137.1	135.5	133.8	133.4	133.0	132.6
42.5°	136.7	142.1	138.4	134.6	131.3	128.0	127.6	127.2	127.0	126.8	126.8
45°	126.4	132.2	128.4	124.5	122.6	120.8	120.8	120.8	121.0	121.0	121.4
47.5°	116.6	120.2	118.3	116.4	115.4	114.4	114.6	114.8	115.4	115.8	116.9
50°	108.4	109.6	110.0	110.2	109.6	109.0	109.4	109.6	110.2	110.6	111.5
52.5°	102.4	104.2	104.2	104.0	104.0	104.0	104.4	104.9	105.5	106.1	106.9
55°	98.4	101.1	100.3	99.5	99.7	99.7	100.1	100.5	101.1	101.5	102.8
57.5°	94.7	97.6	96.8	96.0	96.0	96.0	96.2	96.4	97.0	97.4	98.2
60°	90.4	93.3	92.4	91.4	91.6	91.8	92.0	92.0	92.4	92.7	92.7
62.5°	85.2	88.1	87.3	86.2	86.9	87.3	87.3	87.3	87.7	87.9	87.3
65°	79.8	82.5	81.7	80.9	81.7	82.3	82.7	82.9	82.7	82.5	81.9
67.5°	74.0	76.7	75.9	74.9	75.9	76.7	77.6	78.2	77.6	76.9	76.1
70°	67.8	70.5	69.5	68.5	69.5	70.5	71.4	72.2	71.4	70.5	70.3
72.5°	61.2	64.3	63.1	61.8	63.1	64.3	64.7	65.1	64.5	63.9	63.5
75°	54.0	57.1	56.0	54.8	55.8	56.9	57.1	57.3	57.3	57.1	55.8
77.5°	46.3	48.8	48.2	47.6	48.2	48.8	48.8	48.8	49.0	49.0	47.4
80°	37.2	38.7	38.9	39.1	39.3	39.5	39.3	39.1	38.7	38.3	37.2
82.5°	27.7	27.7	29.4	30.8	30.8	30.6	30.4	30.0	29.2	28.1	25.9
85°	17.6	16.5	19.2	21.7	21.7	21.5	21.1	20.5	18.8	17.0	15.1
87.5°	6.0	5.0	7.7	10.3	10.5	10.5	10.1	9.7	8.1	6.2	4.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320485
 CATALOG NUMBER: GAN-SA1C-830-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320485

CATALOG NUMBER: GAN-SA1C-830-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0
2.5°	1364.2	1366.9	1369.4	1389.6	1409.7	1433.3	1456.8	1474.8	1492.6	1511.0	1529.4
5°	1091.0	1094.3	1097.6	1122.2	1146.6	1179.5	1212.4	1240.7	1269.1	1302.4	1335.7
7.5°	808.7	815.9	822.9	849.2	875.3	910.6	945.8	982.8	1019.6	1063.1	1106.5
10°	635.1	648.8	662.2	689.1	716.0	751.0	785.7	824.4	863.1	905.9	948.5
12.5°	514.2	532.4	550.4	582.6	614.9	656.7	698.2	741.2	784.1	821.7	859.3
15°	406.2	426.1	445.7	479.8	514.0	559.9	605.6	652.5	699.3	744.4	789.4
17.5°	316.9	333.2	349.3	378.3	407.0	451.5	496.0	545.2	594.4	649.4	704.2
20°	255.6	262.5	269.3	290.2	310.9	347.0	383.0	433.3	483.5	549.3	615.1
22.5°	224.0	227.5	230.8	240.9	250.9	274.2	297.4	341.9	386.1	457.9	529.5
25°	205.0	207.6	210.3	217.0	223.6	234.7	245.9	277.1	308.4	378.9	449.2
27.5°	187.8	191.9	195.9	199.0	201.9	209.5	217.0	237.4	257.9	323.7	389.2
30°	175.4	176.8	178.3	183.0	187.6	195.4	203.3	217.6	231.8	287.5	342.9
32.5°	160.9	163.0	165.0	170.0	175.0	182.2	189.4	201.0	212.4	260.0	307.3
35°	147.9	149.9	152.0	157.0	161.7	169.6	177.2	187.0	196.5	237.8	279.2
37.5°	139.8	141.9	143.9	148.3	152.4	160.3	167.9	175.6	183.0	221.3	259.6
40°	133.0	135.1	137.1	141.3	145.2	152.8	160.3	166.7	173.1	208.9	244.7
42.5°	127.0	129.3	131.5	135.7	139.6	146.4	153.3	161.7	170.0	198.1	226.1
45°	122.0	124.3	126.4	130.9	135.5	142.1	148.7	160.5	172.3	192.6	212.8
47.5°	117.5	120.0	122.2	127.2	132.2	140.4	148.5	158.4	168.1	188.2	208.3
50°	113.1	116.0	118.9	124.9	130.7	144.6	158.2	159.7	160.9	184.7	208.3
52.5°	109.0	112.3	115.6	123.1	130.3	146.4	162.6	157.4	152.0	178.1	204.1
55°	104.9	107.8	110.4	119.5	128.6	140.4	152.2	145.4	138.4	165.7	193.0
57.5°	99.3	102.4	105.3	115.0	124.7	133.0	141.1	134.8	128.4	151.6	174.6
60°	93.5	97.0	100.5	112.9	125.1	123.7	122.0	120.8	119.3	135.9	152.4
62.5°	88.3	92.0	95.8	111.9	128.0	118.1	108.2	109.2	110.0	122.2	134.4
65°	83.1	86.9	90.4	98.4	106.5	102.6	98.7	100.3	101.8	113.8	125.7
67.5°	77.4	80.7	83.8	86.5	89.1	89.6	90.0	91.6	93.3	107.5	121.6
70°	70.9	73.6	76.3	78.2	79.8	80.7	81.3	83.3	85.4	100.9	116.4
72.5°	63.7	66.0	68.0	69.7	71.4	72.0	72.4	74.5	76.5	93.1	109.6
75°	55.8	57.7	59.4	60.8	62.3	63.1	63.9	65.4	66.8	84.8	102.6
77.5°	47.2	49.0	50.7	51.9	52.9	53.8	54.4	56.3	58.1	73.2	88.1
80°	36.8	39.1	41.2	42.2	43.0	43.2	43.2	44.9	46.5	57.3	67.8
82.5°	26.1	28.5	30.8	31.6	32.5	32.5	32.5	34.3	36.2	43.4	50.5
85°	15.3	18.0	20.5	21.3	22.1	22.5	22.8	23.6	24.2	29.4	34.3
87.5°	4.8	7.0	9.1	9.5	9.9	10.8	11.6	11.8	11.8	15.3	18.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320485
 CATALOG NUMBER: GAN-SA1C-830-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	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):

	330°	335°	340°	345°	350°	355°	360°
0°	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0	1576.0
2.5°	1550.5	1571.6	1596.2	1620.7	1641.5	1662.4	1679.8
5°	1378.1	1420.4	1472.4	1524.1	1570.2	1616.3	1669.9
7.5°	1161.3	1216.1	1283.3	1350.5	1415.7	1480.6	1562.9
10°	1004.3	1060.0	1131.1	1202.0	1275.3	1348.3	1441.3
12.5°	904.6	949.7	1018.6	1087.5	1173.5	1259.3	1348.9
15°	838.9	888.1	955.1	1022.1	1116.2	1210.3	1313.3
17.5°	768.8	833.1	918.9	1004.7	1116.2	1227.5	1348.9
20°	695.3	775.4	886.6	997.9	1148.1	1298.0	1452.9
22.5°	622.1	714.8	857.5	1000.0	1196.3	1392.3	1601.4
25°	556.1	663.1	839.7	1016.1	1266.4	1516.4	1775.8
27.5°	506.1	622.7	832.5	1042.0	1355.3	1668.6	1965.4
30°	461.6	580.3	823.8	1067.2	1440.9	1814.4	2113.7
32.5°	423.2	539.0	807.0	1074.9	1500.7	1926.5	2239.3
35°	393.0	506.7	778.9	1051.1	1538.1	2025.2	2370.0
37.5°	366.9	474.2	746.8	1019.4	1571.4	2123.4	2517.0
40°	342.1	439.5	719.3	998.9	1617.3	2235.7	2672.3
42.5°	318.5	411.0	697.2	983.4	1659.9	2336.3	2808.2
45°	300.9	389.0	677.5	965.9	1687.5	2409.1	2910.6
47.5°	292.2	376.0	667.0	957.8	1715.0	2471.9	2995.6
50°	291.0	373.7	679.0	984.3	1774.5	2564.6	3092.8
52.5°	290.8	377.4	713.5	1049.6	1885.2	2720.5	3198.1
55°	286.4	379.7	754.7	1129.5	2033.7	2937.7	3387.3
57.5°	273.2	371.9	797.1	1222.1	2190.7	3159.0	3600.6
60°	252.7	352.8	832.0	1311.0	2296.1	3281.0	3682.7
62.5°	227.1	319.5	843.6	1367.5	2293.2	3219.0	3599.9
65°	205.2	284.6	805.6	1326.3	2177.2	3027.9	3436.3
67.5°	185.7	249.6	710.4	1171.0	1968.5	2765.8	3228.3
70°	171.7	226.7	587.8	948.9	1707.3	2465.5	2987.3
72.5°	162.8	215.7	479.2	742.5	1385.5	2028.3	2555.3
75°	150.6	198.5	376.0	553.2	1060.4	1567.5	1930.1
77.5°	127.8	167.3	283.3	399.4	778.1	1156.5	1342.3
80°	98.7	129.3	194.8	260.4	535.5	810.5	915.2
82.5°	70.3	90.2	118.1	146.0	355.7	565.2	573.9
85°	43.4	52.5	67.6	82.7	235.4	388.0	323.3
87.5°	23.4	27.9	35.8	43.4	75.3	107.1	61.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)