

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: P320466

Luminaire Tested: **GAN-SA2A-830-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320466
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-SA2A-830-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(2) 80 CRI, 3000K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6659 lumens
Efficiency: N/A
Efficacy: 100.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G2

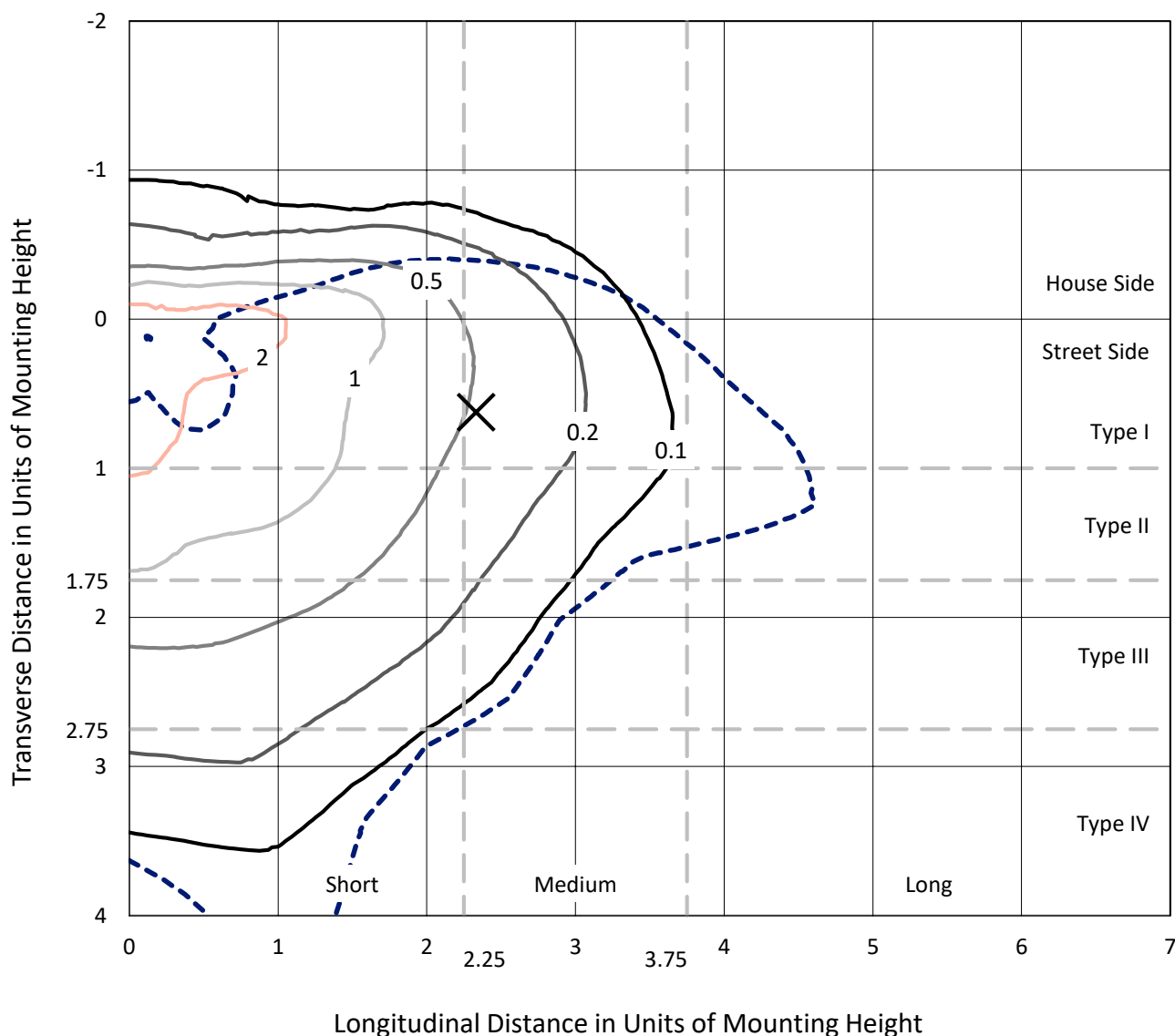
Input Watts (W): 66
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

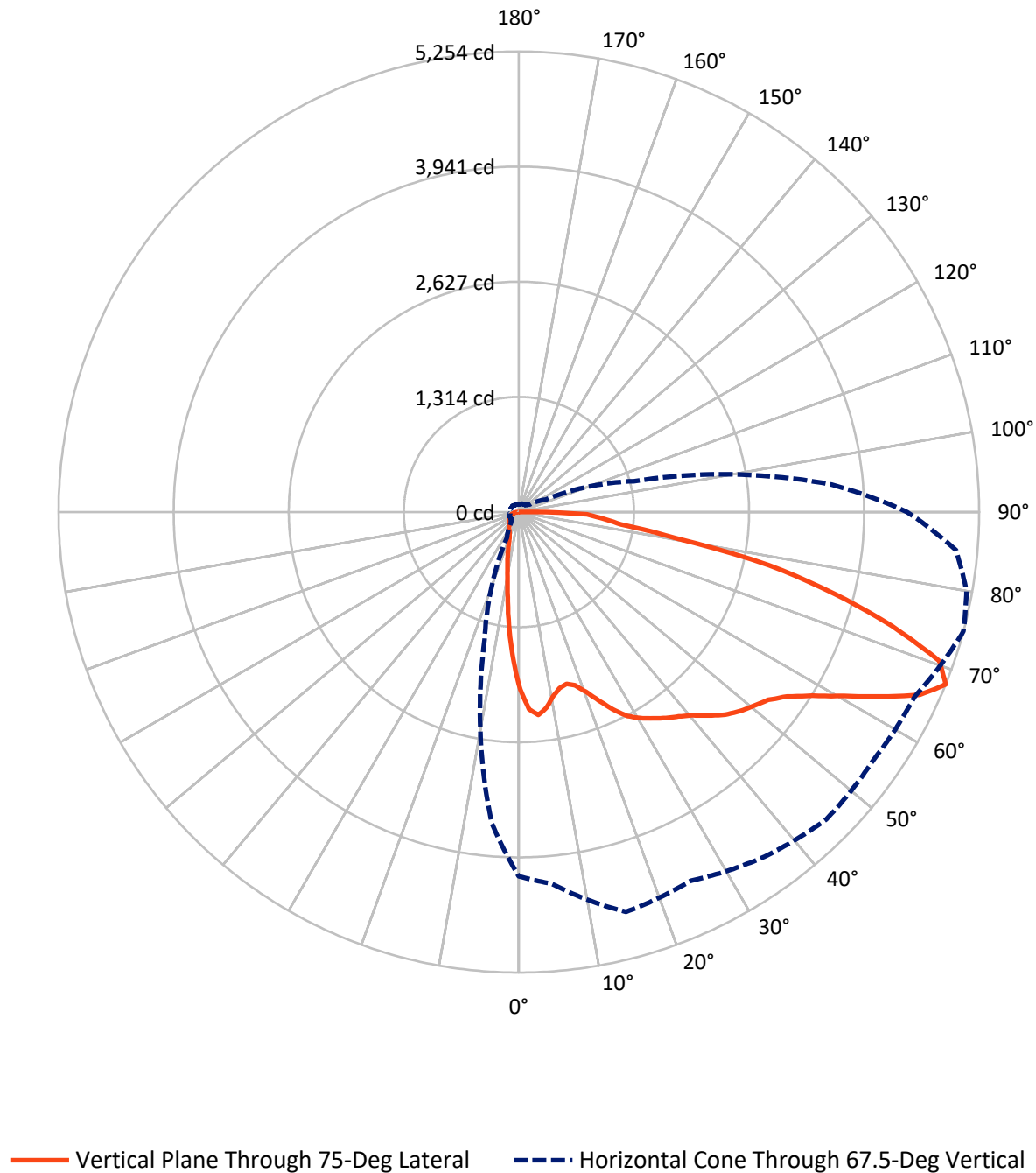
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.1 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	1172.8	0.0	1172.8
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	5486.2	0.0	5486.2
	% Fixture	82.4	0.0	82.4
Total	Lumens	6659.0	0.0	6659.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	156.6	2.4
10°-20°	325.3	4.9
20°-30°	462.6	6.9
30°-40°	666.6	10.0
40°-50°	939.4	14.1
50°-60°	1305.9	19.6
60°-70°	1579.3	23.7
70°-80°	970.8	14.6
80°-90°	252.6	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°	6659.0	100.0
0°-180°	6659.0	100.0

Coefficient of Utilization



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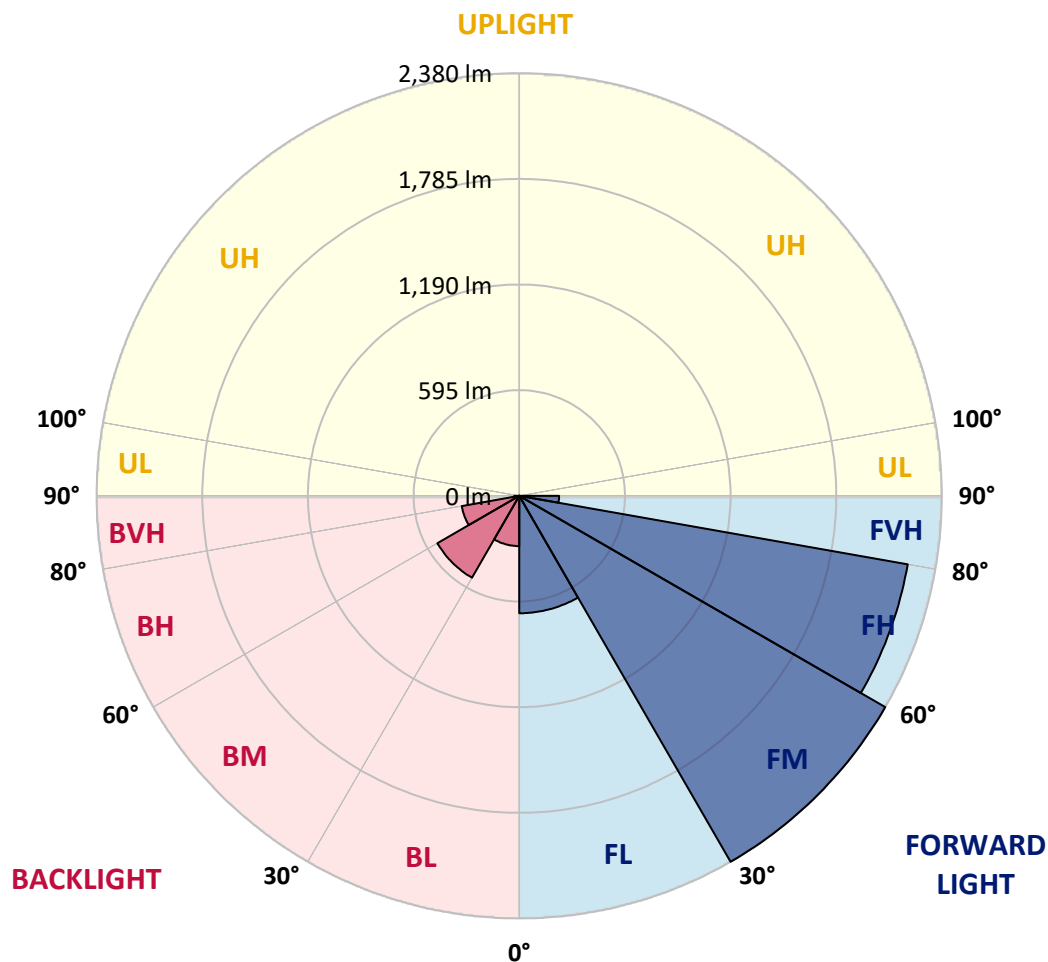
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	661.2	9.9			
FM	(30°-60°)	2379.6	35.7			
FH	(60°-80°)	2221.2	33.4			G2/5000
FVH	(80°-90°)	224.2	3.4			G2/225
BL	(0°-30°)	283.2	4.3	B1/500		
BM	(30°-60°)	532.4	8.0	B1/1000		
BH	(60°-80°)	328.8	4.9	B1/500		G1/500
BVH	(80°-90°)	28.4	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°	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7
2.5°	2162.3	2190.8	2210.5	2230.0	2245.1	2260.1	2281.9	2303.7	2308.0	2312.0	2303.4
5°	2149.6	2219.1	2278.2	2337.0	2391.6	2446.1	2478.9	2511.6	2518.3	2525.0	2504.5
7.5°	2011.9	2114.4	2216.9	2319.4	2413.4	2507.4	2564.6	2621.6	2634.6	2647.4	2613.9
10°	1855.4	1974.7	2100.6	2226.5	2350.3	2474.1	2556.9	2639.7	2656.2	2672.7	2630.9
12.5°	1736.4	1866.6	2001.0	2135.5	2266.2	2396.6	2482.4	2568.1	2588.6	2609.1	2578.7
15°	1690.6	1833.3	1959.7	2086.2	2200.1	2313.8	2384.1	2454.1	2462.7	2470.9	2466.1
17.5°	1736.4	1893.7	2008.2	2122.4	2184.4	2246.2	2274.4	2302.4	2311.7	2320.8	2333.0
20°	1870.3	2040.1	2120.8	2201.2	2198.6	2195.6	2182.0	2168.2	2165.8	2163.4	2198.0
22.5°	2061.4	2258.7	2290.9	2322.9	2248.1	2173.3	2127.7	2081.9	2072.9	2063.6	2100.3
25°	2285.9	2495.9	2490.1	2484.0	2341.5	2198.8	2112.0	2025.2	2015.1	2005.0	2036.4
27.5°	2530.0	2730.8	2692.4	2654.1	2460.5	2267.0	2141.0	2015.1	2005.0	1994.9	2022.6
30°	2720.9	2903.0	2841.5	2780.0	2560.9	2341.8	2192.2	2042.5	2026.0	2009.3	2043.3
32.5°	2882.5	3037.5	2954.9	2872.4	2642.4	2412.3	2250.5	2088.6	2062.8	2036.9	2082.5
35°	3050.8	3171.6	3055.6	2939.2	2715.0	2490.6	2319.4	2148.0	2116.3	2084.6	2147.2
37.5°	3240.1	3340.4	3173.8	3006.8	2796.8	2586.7	2422.7	2258.5	2226.0	2193.5	2273.4
40°	3440.0	3523.6	3301.3	3079.0	2886.2	2693.5	2565.7	2437.6	2406.7	2375.6	2472.5
42.5°	3614.9	3675.9	3420.0	3164.2	2994.1	2823.7	2733.7	2643.4	2643.2	2642.6	2740.9
45°	3746.7	3799.7	3519.1	3238.2	3099.2	2960.0	2913.1	2866.3	2903.8	2941.3	3030.3
47.5°	3856.1	3892.1	3602.1	3311.9	3219.6	3127.2	3134.1	3141.0	3217.4	3293.8	3351.1
50°	3981.2	3952.2	3677.5	3402.5	3374.0	3345.5	3407.8	3469.8	3557.7	3645.3	3684.1
52.5°	4116.8	4039.8	3779.7	3519.3	3551.3	3583.2	3710.0	3836.7	3925.3	4014.0	4028.6
55°	4360.4	4242.4	3967.7	3692.7	3754.2	3815.4	4001.5	4187.3	4256.5	4325.8	4331.1
57.5°	4634.9	4530.2	4231.0	3931.7	3997.8	4063.8	4278.6	4493.2	4568.0	4642.6	4632.2
60°	4740.5	4745.6	4481.0	4216.1	4282.6	4349.2	4558.4	4767.7	4853.7	4939.4	4916.5
62.5°	4634.1	4758.9	4617.5	4475.9	4536.3	4596.5	4801.5	5006.5	5094.6	5182.8	5142.8
65°	4423.5	4547.3	4610.6	4674.0	4694.0	4713.9	4905.3	5096.5	5164.1	5231.5	5211.2
67.5°	4155.6	4255.7	4489.5	4723.0	4682.8	4642.6	4732.3	4822.0	4891.5	4961.0	4949.5
70°	3845.5	3964.7	4276.5	4588.3	4390.7	4192.9	4155.9	4118.9	4194.0	4268.8	4222.5
72.5°	3289.3	3469.3	3801.8	4134.1	3770.1	3406.2	3279.7	3153.3	3248.3	3343.4	3269.6
75°	2484.5	2723.3	3090.7	3457.8	3023.6	2589.4	2420.6	2251.8	2333.5	2415.3	2364.7
77.5°	1727.9	2027.4	2389.2	2751.0	2309.6	1867.9	1742.5	1616.8	1641.3	1665.6	1657.0
80°	1178.1	1375.1	1627.5	1879.6	1585.7	1291.8	1301.6	1311.2	1299.7	1288.0	1305.1
82.5°	738.8	877.5	1072.4	1267.0	1111.0	955.0	1044.4	1133.9	1090.0	1045.8	1062.3
85°	416.1	500.8	691.4	881.8	821.9	761.7	814.1	866.3	798.2	730.0	760.1
87.5°	79.3	132.1	382.6	632.8	574.5	516.2	448.6	381.0	290.7	200.5	292.9
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



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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°	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7
2.5°	2294.9	2290.4	2285.9	2269.6	2253.1	2228.6	2208.4	2173.3	2154.1	2125.1	2096.1
5°	2483.7	2454.9	2426.2	2376.7	2326.9	2271.5	2207.9	2137.3	2084.1	2014.9	1945.6
7.5°	2580.3	2513.2	2445.9	2350.8	2255.5	2169.8	2069.2	1975.4	1895.6	1805.6	1715.6
10°	2589.1	2488.5	2387.6	2264.0	2140.2	2036.2	1920.3	1816.2	1720.4	1617.1	1513.5
12.5°	2548.1	2441.1	2333.8	2197.8	2061.4	1943.2	1818.6	1702.0	1595.8	1482.1	1368.2
15°	2461.3	2375.9	2290.1	2162.6	2035.1	1915.8	1794.9	1656.8	1536.7	1420.4	1303.7
17.5°	2345.0	2304.5	2263.8	2171.7	2079.3	1976.0	1858.8	1696.7	1556.1	1429.7	1303.2
20°	2232.4	2247.3	2261.9	2225.2	2188.4	2105.6	2003.4	1821.3	1641.9	1476.5	1310.9
22.5°	2136.8	2208.4	2279.8	2308.2	2336.5	2286.7	2206.8	1996.2	1758.7	1542.8	1326.9
25°	2067.6	2186.3	2305.0	2399.8	2494.3	2472.2	2410.7	2208.7	1913.7	1638.4	1362.8
27.5°	2050.3	2195.9	2341.5	2488.5	2635.2	2655.7	2638.6	2432.6	2098.4	1757.1	1415.6
30°	2077.4	2224.9	2372.1	2551.0	2729.7	2811.4	2834.3	2619.2	2309.6	1895.6	1481.3
32.5°	2128.0	2272.6	2417.1	2612.0	2806.6	2930.2	3003.1	2789.9	2456.8	1999.9	1542.8
35°	2209.7	2345.0	2480.2	2683.1	2886.0	3045.7	3178.8	2966.1	2587.5	2072.9	1558.0
37.5°	2353.0	2469.3	2585.7	2773.1	2960.2	3167.4	3367.3	3160.2	2728.9	2143.2	1557.2
40°	2569.4	2651.7	2733.7	2892.1	3050.2	3310.9	3580.8	3376.6	2885.2	2219.3	1553.5
42.5°	2839.1	2881.4	2923.5	3048.9	3174.3	3460.8	3774.7	3588.3	3034.3	2290.1	1546.0
45°	3118.9	3130.1	3141.3	3220.4	3299.2	3579.5	3906.7	3747.2	3164.4	2351.6	1538.6
47.5°	3408.0	3369.7	3331.4	3362.8	3394.2	3670.6	4000.9	3867.8	3295.2	2419.8	1544.2
50°	3723.0	3616.2	3509.5	3493.0	3476.5	3761.6	4112.0	4021.2	3452.2	2519.1	1586.0
52.5°	4043.0	3867.0	3691.1	3625.8	3560.3	3870.2	4259.2	4212.1	3676.4	2673.0	1669.3
55°	4336.4	4112.5	3888.6	3800.7	3712.9	4036.4	4438.9	4492.4	3963.7	2869.7	1775.5
57.5°	4621.5	4367.8	4114.1	4032.6	3951.2	4280.5	4666.5	4744.0	4253.9	3058.5	1862.8
60°	4893.6	4642.6	4391.2	4326.0	4260.5	4584.0	4912.5	4856.1	4403.5	3146.9	1890.0
62.5°	5102.9	4903.2	4703.5	4669.2	4634.6	4891.0	5101.6	4812.4	4308.4	3059.8	1811.2
65°	5191.0	5077.3	4963.4	4995.6	5027.5	5123.1	5148.7	4684.6	4009.7	2815.9	1622.2
67.5°	4937.8	4961.0	4984.1	5119.4	5254.4	5188.6	5008.6	4432.8	3584.6	2470.4	1356.2
70°	4175.9	4314.8	4453.5	4773.6	5093.3	4947.4	4633.5	3980.7	3072.9	2072.4	1071.6
72.5°	3195.6	3351.9	3507.9	3982.8	4457.5	4323.1	3938.7	3269.6	2463.7	1654.9	845.8
75°	2313.8	2490.3	2666.6	3190.5	3714.5	3527.9	2946.1	2341.0	1871.4	1263.3	654.9
77.5°	1648.2	1766.5	1884.7	2402.2	2919.5	2615.5	1961.1	1575.3	1295.2	878.0	460.6
80°	1322.1	1285.9	1249.7	1538.0	1826.4	1775.8	1297.1	1011.7	896.4	588.4	280.3
82.5°	1078.5	990.1	901.7	1037.5	1173.3	1165.8	900.1	742.3	667.2	408.9	150.7
85°	789.9	754.5	719.1	839.2	959.2	856.7	609.7	471.8	520.2	301.1	82.0
87.5°	385.2	440.1	494.7	636.3	777.7	583.8	185.0	91.6	126.7	83.3	39.7
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: P320466
 CATALOG NUMBER: GAN-SA2A-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: P320466

CATALOG NUMBER: GAN-SA2A-830-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7
2.5°	2074.5	2052.7	2027.9	2003.1	1974.9	1946.4	1929.7	1912.6	1894.2	1875.9	1855.1
5°	1899.8	1854.0	1802.1	1750.2	1698.8	1647.4	1619.8	1592.1	1562.8	1533.2	1507.7
7.5°	1649.0	1582.2	1510.3	1438.2	1374.3	1310.1	1270.5	1230.5	1194.3	1157.8	1127.2
10°	1428.3	1343.1	1271.0	1198.6	1150.4	1102.2	1065.7	1029.3	994.1	958.7	924.9
12.5°	1283.0	1197.8	1152.0	1106.2	1066.3	1026.3	984.3	941.9	893.7	845.3	809.9
15°	1226.3	1148.8	1097.9	1046.8	993.3	939.5	887.9	836.2	779.3	722.3	682.1
17.5°	1201.8	1100.3	1029.3	957.9	887.4	816.8	756.9	697.0	634.7	572.4	531.7
20°	1176.0	1041.0	945.7	850.1	759.6	669.0	601.2	533.3	477.6	422.0	390.8
22.5°	1152.5	977.9	858.3	738.5	631.5	524.5	457.9	391.1	357.0	322.9	310.4
25°	1142.9	922.8	775.8	628.8	516.0	402.8	355.4	308.0	295.0	281.7	275.3
27.5°	1144.5	873.5	706.3	538.9	437.2	335.5	303.0	270.5	262.5	254.3	250.3
30°	1150.7	820.0	640.8	461.6	377.8	293.9	272.9	251.6	243.1	234.6	229.5
32.5°	1157.6	772.1	590.2	408.1	339.7	271.0	253.7	236.1	227.9	219.6	214.6
35°	1145.6	732.9	555.6	378.3	315.2	251.9	237.2	222.3	213.3	204.2	199.4
37.5°	1125.4	693.5	528.7	363.7	299.2	234.6	223.9	213.0	203.7	194.1	189.6
40°	1107.0	660.3	508.8	357.0	290.5	223.6	214.6	205.5	195.9	186.1	180.8
42.5°	1092.1	637.9	489.1	340.2	282.5	224.4	211.7	198.6	189.3	180.0	174.1
45°	1080.9	623.3	473.6	324.0	275.0	226.0	209.8	193.6	184.2	174.6	167.7
47.5°	1079.8	615.5	462.7	309.9	260.9	211.7	205.0	198.3	184.8	170.9	162.9
50°	1094.5	603.0	449.9	296.6	247.3	198.1	207.1	215.9	192.8	169.3	159.2
52.5°	1125.1	580.9	429.7	278.5	230.8	182.9	197.0	210.9	190.9	170.7	157.6
55°	1162.1	548.4	399.1	249.5	209.0	168.3	180.8	193.0	180.5	167.7	152.0
57.5°	1185.3	507.4	360.5	213.5	184.5	155.5	162.7	169.6	164.5	159.5	143.5
60°	1171.4	452.9	317.1	181.0	162.9	144.8	143.5	141.9	149.4	156.8	138.4
62.5°	1103.8	396.4	278.7	161.1	147.5	133.6	130.7	127.5	139.8	151.8	132.3
65°	989.6	357.0	254.5	152.0	136.8	121.7	118.5	115.3	119.0	122.7	113.7
67.5°	844.5	332.8	240.7	148.6	130.2	111.6	107.8	104.1	103.3	102.5	99.3
70°	694.9	317.9	231.6	145.4	123.0	100.4	96.9	93.4	92.4	91.1	88.7
72.5°	580.9	316.0	230.6	145.1	117.1	89.2	86.0	82.8	81.5	79.9	78.0
75°	475.8	296.6	218.8	141.1	109.2	76.9	74.0	71.1	70.0	68.7	67.1
77.5°	353.0	245.5	184.0	122.5	93.4	64.4	61.5	58.3	58.0	57.5	56.2
80°	229.0	177.6	131.5	85.5	68.2	50.6	48.2	45.5	45.8	46.1	45.0
82.5°	127.3	103.6	80.4	57.2	46.6	35.9	34.9	33.5	34.3	34.9	33.5
85°	67.1	52.2	43.1	34.1	26.9	19.7	19.7	19.4	20.5	21.6	20.5
87.5°	29.0	18.4	15.7	12.8	7.2	1.3	1.6	1.6	2.1	2.7	2.4
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: P320466
 CATALOG NUMBER: GAN-SA2A-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: P320466

CATALOG NUMBER: GAN-SA2A-830-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7
2.5°	1834.1	1814.6	1794.9	1773.4	1777.4	1760.9	1744.4	1734.0	1723.6	1720.4	1717.2
5°	1482.1	1460.0	1437.7	1417.7	1435.0	1423.3	1411.6	1410.0	1408.1	1408.1	1407.8
7.5°	1096.6	1072.9	1049.0	1032.5	1049.5	1047.4	1045.2	1056.7	1068.1	1077.4	1086.5
10°	891.1	862.3	833.3	808.8	804.6	792.3	779.8	782.5	784.9	795.0	805.1
12.5°	774.5	740.1	705.8	677.0	664.0	643.8	623.3	610.5	597.7	599.0	600.1
15°	641.6	608.3	574.8	550.0	541.8	526.1	510.4	494.4	478.2	471.5	464.6
17.5°	490.7	464.0	437.2	420.6	420.6	416.1	411.6	403.6	395.4	388.7	381.8
20°	359.7	345.6	331.2	324.3	326.4	326.7	326.7	330.7	334.7	332.5	330.4
22.5°	297.6	292.6	287.5	284.6	285.7	285.9	286.2	289.9	293.4	296.1	298.4
25°	268.6	265.4	262.2	261.2	263.6	263.8	263.8	266.2	268.6	271.3	274.0
27.5°	246.0	244.7	243.3	241.5	243.9	243.9	243.6	246.3	248.7	251.1	253.2
30°	224.4	225.0	225.2	224.7	226.3	227.4	228.2	230.0	231.6	233.5	235.3
32.5°	209.3	208.5	207.7	207.1	210.6	212.5	214.3	216.2	217.8	218.6	219.4
35°	194.6	192.8	190.9	189.6	192.8	195.1	197.5	201.0	204.2	204.7	205.3
37.5°	184.8	182.4	180.0	178.4	179.7	180.8	181.8	185.6	189.3	191.4	193.3
40°	175.4	173.1	170.7	169.3	170.1	170.4	170.7	172.5	174.1	178.1	181.8
42.5°	168.0	165.1	162.1	160.5	161.1	161.6	161.9	161.6	161.3	165.1	168.8
45°	160.5	157.3	154.1	152.3	152.6	152.6	152.6	152.0	151.2	153.1	154.9
47.5°	154.7	151.0	147.2	145.4	144.8	144.3	143.8	143.5	143.0	144.3	145.4
50°	148.8	144.8	140.6	138.4	137.1	136.6	136.0	135.8	135.2	136.6	137.6
52.5°	144.3	139.5	134.7	131.3	129.9	129.1	128.3	128.6	128.6	129.1	129.4
55°	136.3	132.1	127.5	125.1	122.7	122.2	121.7	122.5	123.0	123.0	123.0
57.5°	127.5	123.5	119.3	117.7	115.5	115.5	115.3	116.3	117.1	117.7	118.2
60°	119.8	115.3	110.8	109.4	108.6	108.4	108.1	109.4	110.5	111.6	112.6
62.5°	112.6	107.8	103.0	101.4	101.2	101.4	101.4	102.8	103.8	104.9	106.0
65°	104.6	99.8	94.8	93.2	93.7	94.5	95.3	96.4	97.2	98.2	99.3
67.5°	95.8	91.9	87.6	86.0	86.3	87.3	88.4	89.2	89.7	90.8	91.9
70°	86.3	82.8	79.3	78.3	78.0	79.3	80.4	80.9	81.5	82.8	83.9
72.5°	75.9	72.9	70.0	69.2	69.5	70.3	71.1	71.9	72.4	73.7	74.8
75°	65.2	62.6	59.9	59.4	59.9	60.7	61.5	62.0	62.6	64.2	65.5
77.5°	54.8	51.9	48.7	48.5	49.3	50.1	50.6	51.4	52.2	54.3	56.4
80°	43.9	40.7	37.3	37.0	37.8	38.6	39.4	40.2	41.0	43.7	46.1
82.5°	32.2	28.5	24.8	24.2	26.9	27.7	28.5	29.8	30.9	33.3	35.7
85°	19.4	15.7	12.0	11.7	14.1	15.4	16.8	18.4	19.7	21.8	24.0
87.5°	2.1	1.1	0.0	0.0	0.3	1.3	2.4	3.7	5.1	7.2	9.1
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: P320466

CATALOG NUMBER: GAN-SA2A-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: P320466

CATALOG NUMBER: GAN-SA2A-830-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7
2.5°	1705.5	1693.5	1705.8	1717.7	1722.8	1727.9	1714.8	1701.5	1722.3	1742.8	1748.1
5°	1397.2	1386.3	1394.5	1402.5	1384.7	1366.8	1365.0	1362.8	1378.3	1393.7	1396.1
7.5°	1083.0	1079.6	1087.3	1095.0	1072.4	1049.5	1038.3	1027.1	1030.9	1034.6	1034.0
10°	807.5	809.6	819.2	828.5	810.9	793.4	785.7	777.9	786.5	794.7	802.4
12.5°	604.9	609.4	619.5	629.4	622.2	614.7	615.5	616.3	626.2	635.8	644.3
15°	469.9	475.2	482.4	489.3	489.6	489.6	496.5	503.2	502.4	501.6	507.4
17.5°	389.0	395.9	396.7	397.5	397.8	398.0	397.5	397.0	393.0	389.0	393.5
20°	333.1	335.5	337.6	339.4	337.1	334.4	327.7	321.1	318.4	315.8	320.0
22.5°	303.0	307.2	305.1	302.7	297.9	292.9	287.8	282.5	282.2	281.7	284.1
25°	277.7	281.1	277.4	273.7	270.2	266.8	263.3	259.8	259.6	259.3	260.4
27.5°	256.6	259.8	256.4	252.9	250.0	247.1	244.4	241.7	241.2	240.7	240.9
30°	238.5	241.5	238.5	235.3	233.2	230.8	229.0	227.1	226.8	226.6	226.6
32.5°	222.3	225.2	223.1	221.0	219.1	217.2	215.9	214.6	213.3	211.9	209.0
35°	208.2	211.1	209.8	208.2	206.1	203.9	201.5	198.9	195.4	191.7	190.1
37.5°	196.2	199.1	197.8	196.5	193.6	190.6	186.4	181.8	180.8	179.4	179.2
40°	186.6	191.2	188.5	185.6	181.0	176.5	174.4	172.3	171.7	171.2	170.7
42.5°	176.0	182.9	178.1	173.3	169.1	164.8	164.3	163.7	163.5	163.2	163.2
45°	162.7	170.1	165.3	160.3	157.9	155.5	155.5	155.5	155.7	155.7	156.3
47.5°	150.2	154.7	152.3	149.9	148.6	147.2	147.5	147.8	148.6	149.1	150.4
50°	139.5	141.1	141.6	141.9	141.1	140.3	140.8	141.1	141.9	142.4	143.5
52.5°	131.8	134.2	134.2	133.9	133.9	133.9	134.4	135.0	135.8	136.6	137.6
55°	126.7	130.2	129.1	128.1	128.3	128.3	128.9	129.4	130.2	130.7	132.3
57.5°	121.9	125.7	124.6	123.5	123.5	123.5	123.8	124.1	124.9	125.4	126.5
60°	116.3	120.1	119.0	117.7	117.9	118.2	118.5	118.5	119.0	119.3	119.3
62.5°	109.7	113.4	112.4	111.0	111.8	112.4	112.4	112.4	112.9	113.1	112.4
65°	102.8	106.2	105.2	104.1	105.2	106.0	106.5	106.8	106.5	106.2	105.4
67.5°	95.3	98.8	97.7	96.4	97.7	98.8	99.8	100.6	99.8	99.0	98.0
70°	87.3	90.8	89.5	88.1	89.5	90.8	91.9	92.9	91.9	90.8	90.5
72.5°	78.8	82.8	81.2	79.6	81.2	82.8	83.3	83.9	83.1	82.3	81.7
75°	69.5	73.5	72.1	70.6	71.9	73.2	73.5	73.7	73.7	73.5	71.9
77.5°	59.6	62.8	62.0	61.2	62.0	62.8	62.8	62.8	63.1	63.1	61.0
80°	47.9	49.8	50.1	50.3	50.6	50.9	50.6	50.3	49.8	49.3	47.9
82.5°	35.7	35.7	37.8	39.7	39.7	39.4	39.1	38.6	37.5	36.2	33.3
85°	22.6	21.3	24.8	28.0	28.0	27.7	27.2	26.4	24.2	21.8	19.4
87.5°	7.7	6.4	9.9	13.3	13.6	13.6	13.0	12.5	10.4	8.0	6.1
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: P320466
 CATALOG NUMBER: GAN-SA2A-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: P320466

CATALOG NUMBER: GAN-SA2A-830-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7
2.5°	1756.1	1759.5	1762.7	1788.8	1814.6	1845.0	1875.3	1898.5	1921.4	1945.1	1968.8
5°	1404.4	1408.6	1412.9	1444.6	1476.0	1518.3	1560.7	1597.1	1633.6	1676.5	1719.3
7.5°	1041.0	1050.3	1059.3	1093.2	1126.7	1172.2	1217.5	1265.1	1312.5	1368.4	1424.3
10°	817.6	835.2	852.5	887.1	921.7	966.7	1011.4	1061.2	1111.0	1166.1	1220.9
12.5°	661.9	685.3	708.4	750.0	791.5	845.3	898.8	954.2	1009.3	1057.7	1106.2
15°	522.9	548.4	573.7	617.7	661.6	720.7	779.5	840.0	900.1	958.2	1016.2
17.5°	407.9	428.9	449.7	486.9	523.9	581.2	638.4	701.8	765.2	836.0	906.5
20°	329.1	337.8	346.6	373.5	400.1	446.7	493.1	557.8	622.5	707.1	791.8
22.5°	288.3	292.9	297.1	310.2	322.9	353.0	382.8	440.1	497.1	589.4	681.6
25°	263.8	267.3	270.8	279.3	287.8	302.2	316.6	356.8	397.0	487.7	578.3
27.5°	241.7	247.1	252.1	256.1	259.8	269.7	279.3	305.6	332.0	416.7	501.1
30°	225.8	227.6	229.5	235.6	241.5	251.6	261.7	280.1	298.4	370.1	441.4
32.5°	207.1	209.8	212.5	218.8	225.2	234.6	243.9	258.8	273.4	334.7	395.6
35°	190.4	193.0	195.7	202.1	208.2	218.3	228.2	240.7	252.9	306.2	359.4
37.5°	180.0	182.6	185.3	190.9	196.2	206.3	216.2	226.0	235.6	284.9	334.1
40°	171.2	173.9	176.5	181.8	186.9	196.7	206.3	214.6	222.8	268.9	315.0
42.5°	163.5	166.4	169.3	174.6	179.7	188.5	197.3	208.2	218.8	255.1	291.0
45°	157.1	160.0	162.7	168.5	174.4	182.9	191.4	206.6	221.8	247.9	274.0
47.5°	151.2	154.4	157.3	163.7	170.1	180.8	191.2	203.9	216.4	242.3	268.1
50°	145.6	149.4	153.1	160.8	168.3	186.1	203.7	205.5	207.1	237.7	268.1
52.5°	140.3	144.6	148.8	158.4	167.7	188.5	209.3	202.6	195.7	229.2	262.8
55°	135.0	138.7	142.2	153.9	165.6	180.8	195.9	187.2	178.1	213.3	248.4
57.5°	127.8	131.8	135.5	148.0	160.5	171.2	181.6	173.6	165.3	195.1	224.7
60°	120.3	124.9	129.4	145.4	161.1	159.2	157.1	155.5	153.6	174.9	196.2
62.5°	113.7	118.5	123.3	144.0	164.8	152.0	139.2	140.6	141.6	157.3	173.1
65°	107.0	111.8	116.3	126.7	137.1	132.1	127.0	129.1	131.0	146.4	161.9
67.5°	99.6	103.8	107.8	111.3	114.7	115.3	115.8	117.9	120.1	138.4	156.5
70°	91.3	94.8	98.2	100.6	102.8	103.8	104.6	107.3	110.0	129.9	149.9
72.5°	82.0	84.9	87.6	89.7	91.9	92.6	93.2	95.8	98.5	119.8	141.1
75°	71.9	74.3	76.4	78.3	80.1	81.2	82.3	84.1	86.0	109.2	132.1
77.5°	60.7	63.1	65.2	66.8	68.2	69.2	70.0	72.4	74.8	94.2	113.4
80°	47.4	50.3	53.0	54.3	55.4	55.6	55.6	57.8	59.9	73.7	87.3
82.5°	33.5	36.7	39.7	40.7	41.8	41.8	41.8	44.2	46.6	55.9	65.0
85°	19.7	23.2	26.4	27.4	28.5	29.0	29.3	30.4	31.1	37.8	44.2
87.5°	6.1	9.1	11.7	12.2	12.8	13.8	14.9	15.2	15.2	19.7	24.2
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: P320466
 CATALOG NUMBER: GAN-SA2A-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°	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7	2028.7
2.5°	1995.9	2023.1	2054.8	2086.2	2113.1	2140.0	2162.3
5°	1773.9	1828.5	1895.3	1961.9	2021.2	2080.6	2149.6
7.5°	1494.9	1565.5	1652.0	1738.5	1822.4	1906.0	2011.9
10°	1292.8	1364.4	1456.0	1547.3	1641.6	1735.6	1855.4
12.5°	1164.5	1222.5	1311.2	1399.9	1510.6	1621.1	1736.4
15°	1079.8	1143.2	1229.5	1315.7	1436.9	1558.0	1690.6
17.5°	989.6	1072.4	1182.9	1293.4	1436.9	1580.1	1736.4
20°	895.1	998.1	1141.3	1284.6	1477.9	1670.9	1870.3
22.5°	800.8	920.1	1103.8	1287.2	1539.9	1792.3	2061.4
25°	715.9	853.5	1080.9	1308.0	1630.1	1952.0	2285.9
27.5°	651.5	801.6	1071.6	1341.3	1744.6	2148.0	2530.0
30°	594.2	747.0	1060.4	1373.8	1854.8	2335.7	2720.9
32.5°	544.7	693.8	1038.8	1383.6	1931.8	2480.0	2882.5
35°	505.8	652.3	1002.6	1353.0	1980.0	2607.0	3050.8
37.5°	472.3	610.5	961.4	1312.3	2022.8	2733.4	3240.1
40°	440.3	565.7	926.0	1285.9	2081.9	2878.0	3440.0
42.5°	410.0	529.0	897.5	1265.9	2136.8	3007.4	3614.9
45°	387.4	500.8	872.2	1243.3	2172.2	3101.1	3746.7
47.5°	376.2	484.0	858.6	1232.9	2207.6	3182.0	3856.1
50°	374.6	481.1	874.0	1267.0	2284.3	3301.3	3981.2
52.5°	374.3	485.9	918.5	1351.1	2426.7	3502.0	4116.8
55°	368.7	488.8	971.5	1453.9	2617.9	3781.6	4360.4
57.5°	351.7	478.7	1026.1	1573.2	2819.9	4066.4	4634.9
60°	325.3	454.2	1071.1	1687.7	2955.7	4223.5	4740.5
62.5°	292.3	411.3	1086.0	1760.3	2952.0	4143.7	4634.1
65°	264.1	366.3	1037.0	1707.4	2802.6	3897.7	4423.5
67.5°	239.1	321.3	914.5	1507.4	2534.0	3560.3	4155.6
70°	221.0	291.8	756.6	1221.5	2197.8	3173.8	3845.5
72.5°	209.5	277.7	616.9	955.8	1783.5	2610.9	3289.3
75°	193.8	255.6	484.0	712.2	1365.0	2017.8	2484.5
77.5°	164.5	215.4	364.7	514.1	1001.6	1488.8	1727.9
80°	127.0	166.4	250.8	335.2	689.3	1043.4	1178.1
82.5°	90.5	116.1	152.0	188.0	457.9	727.6	738.8
85°	55.9	67.6	87.1	106.5	303.0	499.5	416.1
87.5°	30.1	35.9	46.1	55.9	96.9	137.9	79.3
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)