

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: P320576

Luminaire Tested: **GAN-SA2D-727-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320576
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-SA2D-727-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(2) 70 CRI, 2700K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11667 lumens
Efficiency: N/A
Efficacy: 90.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B2 - U0 - G3

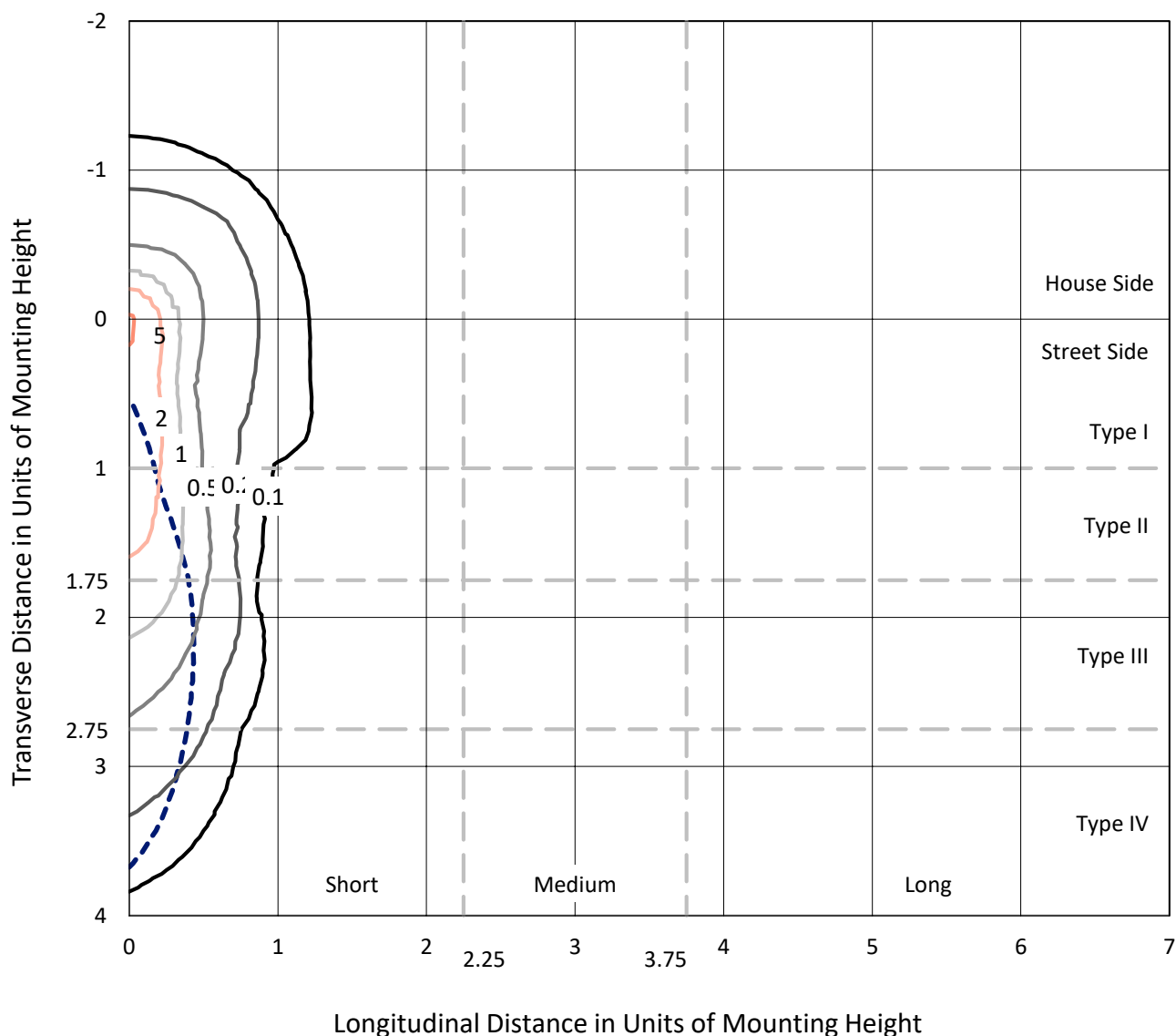
Input Watts (W): 129
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

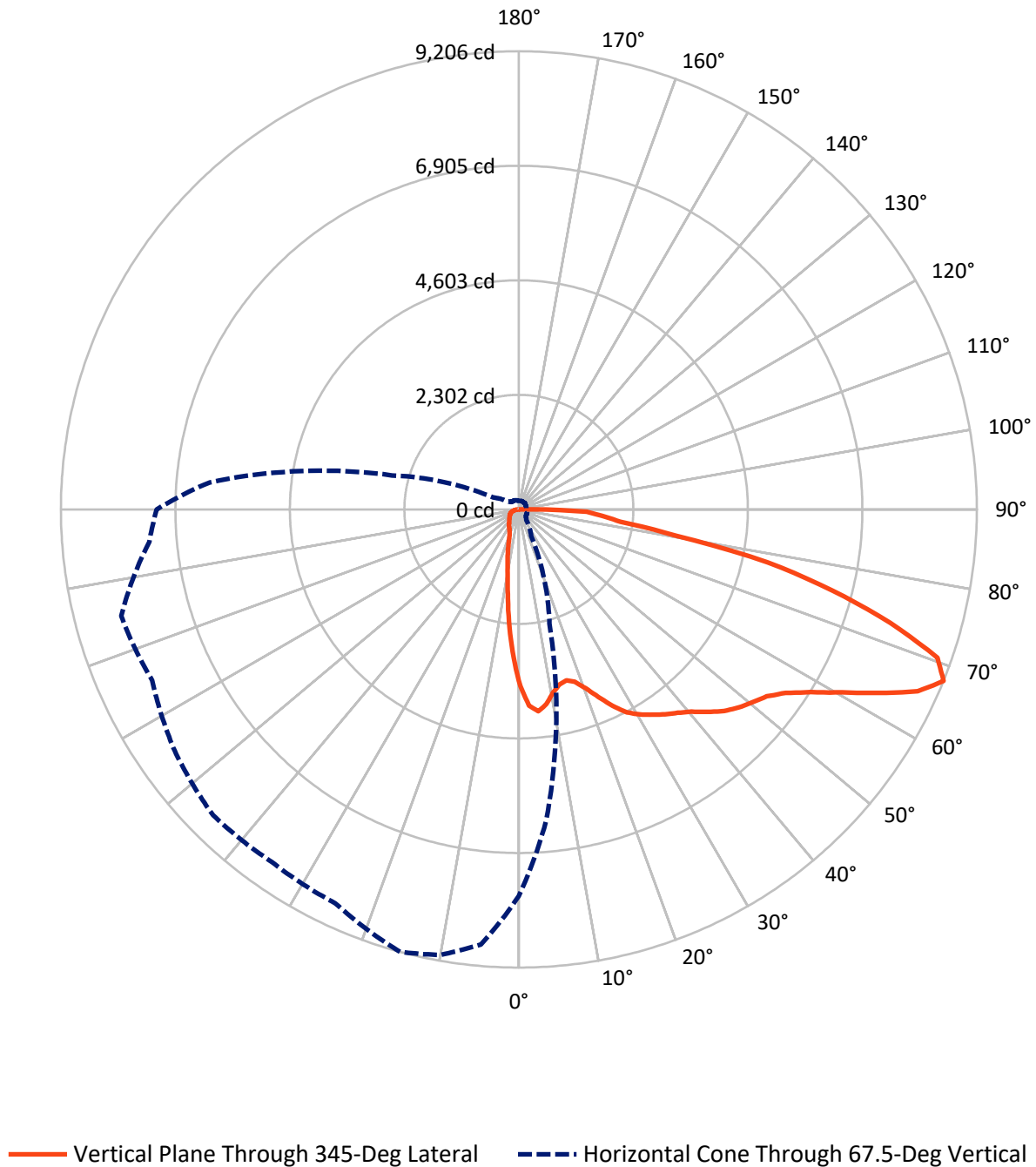
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.7 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2017.0	0.0	2017.0
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	9650.0	0.0	9650.0
	% Fixture	82.7	0.0	82.7
Total	Lumens	11667.0	0.0	11667.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	274.3	2.4
10°-20°	569.9	4.9
20°-30°	810.5	6.9
30°-40°	1167.9	10.0
40°-50°	1645.9	14.1
50°-60°	2288.1	19.6
60°-70°	2767.0	23.7
70°-80°	1700.8	14.6
80°-90°	442.6	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°	11667.0	100.0
0°-180°	11667.0	100.0

Coefficient of Utilization



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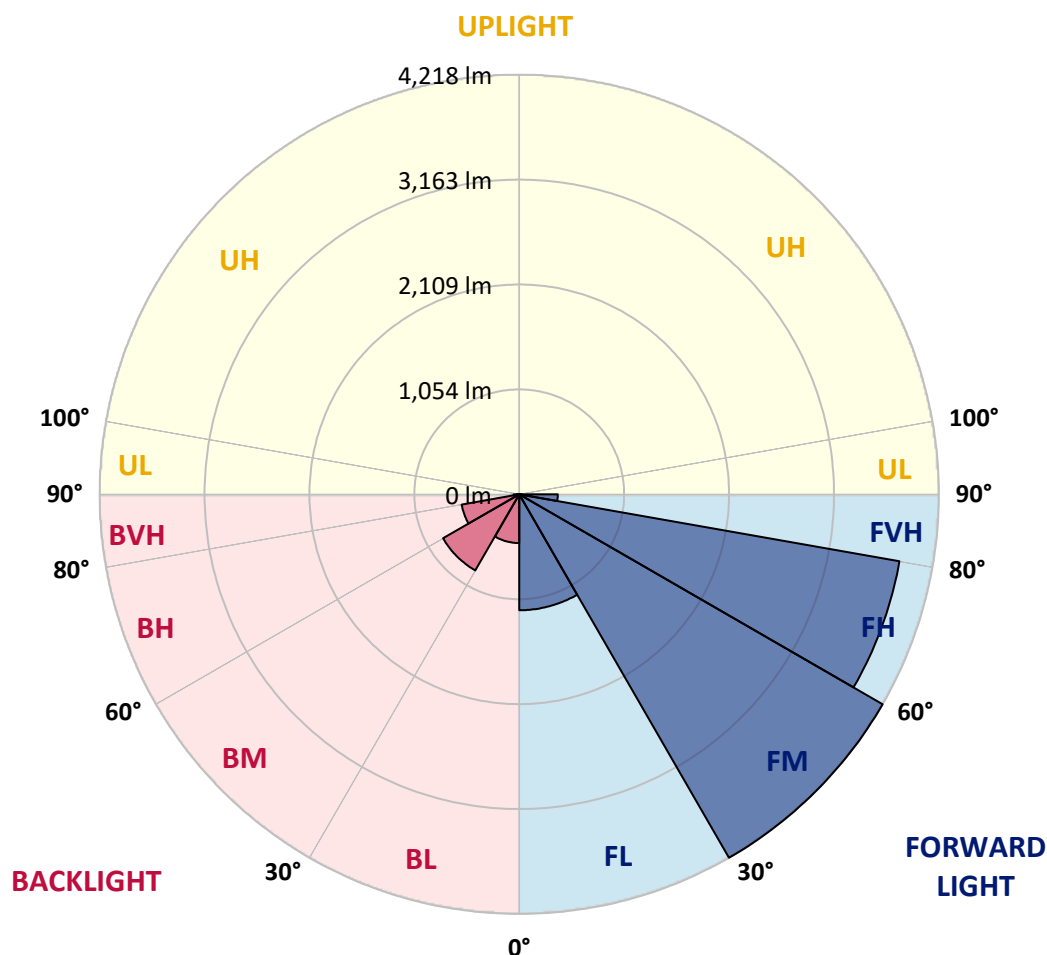
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1165.0	10.0			
FM	(30°-60°)	4217.9	36.2			
FH	(60°-80°)	3880.0	33.3			G2/5000
FVH	(80°-90°)	387.1	3.3			G3/500
BL	(0°-30°)	489.7	4.2	B1/500		
BM	(30°-60°)	884.0	7.6	B1/1000		
BH	(60°-80°)	587.8	5.0	B2/1000		G2/1000
BVH	(80°-90°)	55.5	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4
2.5°	3807.7	3774.1	3723.3	3672.4	3634.7	3596.4	3553.0	3509.7	3460.2	3410.3	3380.9
5°	3744.7	3651.5	3530.2	3408.9	3328.7	3248.4	3157.5	3066.5	2976.5	2886.5	2837.9
7.5°	3461.1	3321.2	3163.5	3005.9	2889.3	2772.2	2646.2	2519.8	2407.9	2295.5	2226.0
10°	3182.2	3014.3	2833.3	2651.8	2502.6	2353.3	2226.9	2100.0	2015.6	1931.1	1867.2
12.5°	2982.1	2796.0	2596.8	2397.1	2247.9	2098.6	2018.4	1938.1	1868.2	1798.2	1724.5
15°	2902.8	2692.4	2488.6	2284.3	2148.5	2012.8	1923.7	1834.1	1740.4	1646.1	1555.6
17.5°	2972.8	2726.5	2504.9	2283.3	2105.6	1927.9	1803.3	1678.3	1554.7	1431.1	1326.1
20°	3191.1	2876.7	2587.0	2296.9	2060.4	1823.9	1656.9	1489.4	1330.8	1172.2	1053.3
22.5°	3497.5	3081.4	2703.1	2324.8	2019.3	1713.3	1503.9	1294.0	1106.4	918.9	802.3
25°	3869.8	3352.9	2870.6	2387.8	2002.5	1616.8	1359.3	1101.8	904.0	705.8	622.7
27.5°	4262.1	3676.6	3078.6	2480.2	2005.3	1530.5	1237.5	944.1	765.9	587.7	530.8
30°	4589.0	4046.5	3321.2	2595.4	2016.0	1436.7	1122.8	808.8	661.9	515.0	478.1
32.5°	4888.0	4304.5	3504.1	2703.1	2028.2	1352.7	1034.1	715.1	595.2	474.9	444.5
35°	5196.8	4533.5	3631.9	2729.7	2007.2	1284.2	973.5	662.8	552.3	441.3	415.6
37.5°	5536.9	4781.2	3755.0	2728.3	1971.7	1215.1	926.4	637.2	524.3	411.0	392.3
40°	5916.1	5055.0	3888.4	2721.8	1939.5	1156.8	891.4	625.5	508.9	391.8	376.0
42.5°	6287.0	5316.3	4012.5	2708.7	1913.4	1117.6	856.9	596.1	494.9	393.2	370.8
45°	6565.4	5544.4	4120.2	2695.7	1893.8	1092.0	829.8	567.7	481.9	396.0	367.6
47.5°	6776.7	5773.4	4239.7	2705.5	1892.0	1078.5	810.7	543.0	457.1	370.8	359.2
50°	7045.4	6048.6	4413.7	2778.7	1917.6	1056.5	788.3	519.6	433.3	347.0	362.9
52.5°	7379.9	6441.4	4683.3	2924.7	1971.3	1017.8	752.9	487.9	404.4	320.5	345.2
55°	7871.1	6944.7	5028.0	3110.8	2036.1	960.9	699.2	437.1	366.2	294.8	316.7
57.5°	8311.9	7453.1	5358.7	3263.8	2076.7	889.1	631.6	374.1	323.3	272.4	285.0
60°	8508.2	7715.3	5513.6	3311.4	2052.4	793.5	555.6	317.2	285.5	253.8	251.4
62.5°	8431.7	7548.7	5361.0	3173.3	1933.9	694.6	488.4	282.2	258.4	234.2	229.0
65°	8207.8	7025.4	4933.8	2842.1	1733.8	625.5	445.9	266.3	239.8	213.2	207.6
67.5°	7766.6	6280.4	4328.3	2376.2	1479.6	583.1	421.7	260.3	228.1	195.4	188.9
70°	6974.5	5383.9	3630.9	1877.5	1217.5	557.0	405.8	254.7	215.5	175.9	169.8
72.5°	5728.6	4316.6	2899.5	1481.9	1017.8	553.7	404.0	254.2	205.2	156.3	150.7
75°	4101.6	3278.8	2213.4	1147.5	833.6	519.6	383.4	247.2	191.2	134.8	129.7
77.5°	2760.0	2269.3	1538.4	807.0	618.5	430.1	322.3	214.6	163.7	112.9	107.8
80°	1772.6	1570.6	1030.9	491.2	401.2	311.1	230.4	149.7	119.4	88.6	84.4
82.5°	1300.5	1169.0	716.5	264.0	223.0	181.5	140.9	100.3	81.6	63.0	61.1
85°	826.6	911.5	527.6	143.7	117.5	91.4	75.6	59.7	47.1	34.5	34.5
87.5°	160.5	222.0	146.0	69.5	50.8	32.2	27.5	22.4	12.6	2.3	2.8
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



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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°	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4
2.5°	3351.1	3318.9	3286.7	3250.3	3213.4	3179.4	3144.9	3107.1	3114.1	3085.2	3056.3
5°	2789.4	2738.1	2686.3	2641.6	2596.8	2558.1	2518.9	2483.9	2514.2	2493.7	2473.2
7.5°	2156.0	2092.5	2028.6	1975.0	1921.4	1879.8	1837.9	1808.9	1838.8	1835.1	1831.3
10°	1803.3	1741.8	1679.7	1620.5	1561.2	1510.9	1460.0	1417.1	1409.6	1388.2	1366.3
12.5°	1650.3	1565.9	1481.0	1419.0	1356.9	1296.8	1236.6	1186.2	1163.4	1127.9	1092.0
15°	1465.2	1365.3	1265.5	1195.1	1124.2	1065.9	1007.1	963.7	949.2	921.7	894.2
17.5°	1221.2	1112.0	1002.9	931.5	859.7	813.0	765.9	737.0	737.0	729.1	721.1
20°	934.3	836.8	739.3	684.8	630.2	605.5	580.3	568.1	571.9	572.3	572.3
22.5°	685.2	625.5	565.8	543.9	521.5	512.6	503.8	498.6	500.5	501.0	501.4
25°	539.7	516.8	493.5	482.3	470.7	465.1	459.5	457.6	461.8	462.3	462.3
27.5°	473.9	459.9	445.5	438.5	431.0	428.7	426.3	423.1	427.3	427.3	426.8
30°	440.8	425.9	411.0	402.1	393.2	394.2	394.6	393.7	396.5	398.4	399.8
32.5°	413.8	399.3	384.8	376.0	366.6	365.2	363.8	362.9	369.0	372.2	375.5
35°	389.5	373.6	357.8	349.4	341.0	337.7	334.5	332.1	337.7	341.9	346.1
37.5°	373.2	356.8	340.1	332.1	323.7	319.5	315.3	312.5	314.9	316.7	318.6
40°	360.1	343.3	326.1	316.7	307.4	303.2	299.0	296.7	298.1	298.5	299.0
42.5°	348.0	331.7	315.3	305.1	294.3	289.2	284.1	281.3	282.2	283.1	283.6
45°	339.1	322.8	306.0	293.9	281.3	275.7	270.1	266.8	267.3	267.3	267.3
47.5°	347.5	323.7	299.5	285.5	271.0	264.5	258.0	254.7	253.8	252.8	251.9
50°	378.3	337.7	296.7	278.9	260.8	253.8	246.3	242.6	240.2	239.3	238.4
52.5°	369.4	334.5	299.0	276.1	252.8	244.4	236.0	230.0	227.6	226.2	224.8
55°	338.2	316.3	293.9	266.3	238.8	231.4	223.4	219.2	215.0	214.1	213.2
57.5°	297.1	288.3	279.4	251.4	223.4	216.4	209.0	206.2	202.4	202.4	202.0
60°	248.6	261.7	274.7	242.6	209.9	202.0	194.0	191.7	190.3	189.8	189.4
62.5°	223.4	244.9	265.9	231.8	197.3	188.9	180.5	177.7	177.3	177.7	177.7
65°	202.0	208.5	215.0	199.2	183.3	174.9	166.1	163.3	164.2	165.6	167.0
67.5°	182.4	181.0	179.6	174.0	167.9	160.9	153.5	150.7	151.1	153.0	154.9
70°	163.7	161.9	159.5	155.3	151.1	145.1	139.0	137.1	136.7	139.0	140.9
72.5°	145.1	142.7	139.9	136.7	132.9	127.8	122.7	121.3	121.7	123.1	124.5
75°	124.5	122.7	120.3	117.5	114.3	109.6	105.0	104.0	105.0	106.4	107.8
77.5°	102.2	101.7	100.8	98.4	96.1	91.0	85.4	84.9	86.3	87.7	88.6
80°	79.8	80.2	80.7	78.8	77.0	71.4	65.3	64.8	66.2	67.6	69.0
82.5°	58.8	60.2	61.1	58.8	56.4	49.9	43.4	42.4	47.1	48.5	49.9
85°	34.1	35.9	37.8	35.9	34.1	27.5	21.0	20.5	24.7	27.1	29.4
87.5°	2.8	3.7	4.7	4.2	3.7	1.9	0.0	0.0	0.5	2.3	4.2
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: P320576
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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: P320576

CATALOG NUMBER: GAN-SA2D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4
2.5°	3038.1	3019.9	3014.3	3008.7	2988.1	2967.2	2988.6	3009.6	3018.5	3027.3	3004.5
5°	2470.4	2467.1	2467.1	2466.6	2448.0	2428.9	2443.3	2457.3	2426.1	2394.8	2391.5
7.5°	1851.4	1871.4	1887.8	1903.6	1897.6	1891.5	1905.0	1918.6	1878.9	1838.8	1819.2
10°	1370.9	1375.1	1392.9	1410.6	1414.8	1418.5	1435.3	1451.6	1420.8	1390.1	1376.5
12.5°	1069.6	1047.2	1049.5	1051.4	1059.8	1067.7	1085.5	1102.7	1090.1	1077.1	1078.5
15°	866.2	837.8	826.1	814.0	823.3	832.6	845.2	857.4	857.8	857.8	869.9
17.5°	707.2	692.7	681.0	668.9	681.5	693.6	695.0	696.4	696.9	697.4	696.4
20°	579.3	586.3	582.6	578.9	583.5	587.7	591.5	594.7	590.5	585.9	574.2
22.5°	508.0	514.0	518.7	522.9	530.8	538.3	534.6	530.4	522.0	513.1	504.2
25°	466.5	470.7	475.3	480.0	486.5	492.6	486.1	479.5	473.5	467.4	461.3
27.5°	431.5	435.7	439.9	443.6	449.7	455.3	449.2	443.1	438.0	432.9	428.2
30°	403.0	405.8	409.1	412.4	417.9	423.1	417.9	412.4	408.6	404.4	401.2
32.5°	378.8	381.6	383.0	384.4	389.5	394.6	390.9	387.2	383.9	380.6	378.3
35°	352.2	357.8	358.7	359.6	364.8	369.9	367.6	364.8	361.0	357.3	353.1
37.5°	325.1	331.7	335.4	338.7	343.8	348.9	346.6	344.2	339.1	334.0	326.5
40°	302.3	305.1	312.1	318.6	327.0	334.9	330.3	325.1	317.2	309.3	305.5
42.5°	283.1	282.7	289.2	295.7	308.3	320.5	312.1	303.7	296.2	288.7	287.8
45°	266.3	264.9	268.2	271.5	285.0	298.1	289.7	280.8	276.6	272.4	272.4
47.5°	251.4	250.5	252.8	254.7	263.1	271.0	266.8	262.6	260.3	258.0	258.4
50°	237.9	237.0	239.3	241.2	244.4	247.2	248.2	248.6	247.2	245.8	246.8
52.5°	225.3	225.3	226.2	226.7	230.9	235.1	235.1	234.6	234.6	234.6	235.6
55°	214.6	215.5	215.5	215.5	222.0	228.1	226.2	224.4	224.8	224.8	225.8
57.5°	203.8	205.2	206.2	207.1	213.6	220.2	218.3	216.4	216.4	216.4	216.9
60°	191.7	193.6	195.4	197.3	203.8	210.4	208.5	206.2	206.6	207.1	207.6
62.5°	180.1	181.9	183.8	185.7	192.2	198.7	196.8	194.5	195.9	196.8	196.8
65°	168.9	170.3	172.1	174.0	180.1	186.1	184.3	182.4	184.3	185.7	186.6
67.5°	156.3	157.2	159.1	160.9	167.0	173.1	171.2	168.9	171.2	173.1	174.9
70°	141.8	142.7	145.1	146.9	153.0	159.1	156.7	154.4	156.7	159.1	160.9
72.5°	125.9	126.9	129.2	131.1	138.1	145.1	142.3	139.5	142.3	145.1	146.0
75°	108.7	109.6	112.4	114.7	121.7	128.7	126.4	123.6	125.9	128.3	128.7
77.5°	90.0	91.4	95.2	98.9	104.5	110.1	108.7	107.3	108.7	110.1	110.1
80°	70.4	71.8	76.5	80.7	84.0	87.2	87.7	88.2	88.6	89.1	88.6
82.5°	52.2	54.1	58.3	62.5	62.5	62.5	66.2	69.5	69.5	69.0	68.6
85°	32.2	34.5	38.2	42.0	39.6	37.3	43.4	49.0	49.0	48.5	47.6
87.5°	6.5	8.9	12.6	15.9	13.5	11.2	17.3	23.3	23.8	23.8	22.9
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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 CATALOG NUMBER: GAN-SA2D-727-U-SLR

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: P320576

CATALOG NUMBER: GAN-SA2D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4
2.5°	2981.2	3017.5	3053.5	3062.8	3076.8	3082.8	3088.4	3134.2	3179.4	3232.6	3285.8
5°	2387.8	2414.9	2441.9	2446.1	2460.6	2468.0	2475.5	2531.0	2586.1	2660.2	2734.4
7.5°	1799.6	1806.1	1812.7	1811.7	1823.9	1840.2	1856.0	1915.3	1974.1	2053.8	2133.1
10°	1363.0	1377.9	1392.4	1405.9	1432.5	1463.3	1493.6	1554.2	1614.9	1693.7	1772.1
12.5°	1079.9	1097.1	1113.9	1128.8	1159.6	1200.7	1241.3	1314.0	1386.8	1481.0	1574.8
15°	881.6	880.2	878.8	889.1	916.1	960.9	1005.2	1082.2	1159.2	1262.7	1365.8
17.5°	695.5	688.5	681.5	689.4	714.6	751.5	787.9	853.2	918.0	1018.3	1118.6
20°	562.6	557.9	553.2	560.7	576.5	591.9	607.3	654.4	701.1	782.7	863.9
22.5°	494.9	494.4	493.5	497.7	505.2	513.1	520.6	543.4	565.8	618.5	670.8
25°	455.3	454.8	454.3	456.2	462.3	468.3	474.4	489.3	504.2	529.4	554.6
27.5°	423.5	422.6	421.7	422.1	423.5	432.9	441.7	448.7	455.3	472.5	489.3
30°	397.9	397.4	397.0	397.0	395.6	398.8	402.1	412.8	423.1	440.8	458.5
32.5°	376.0	373.6	371.3	366.2	362.9	367.6	372.2	383.4	394.6	411.0	427.3
35°	348.4	342.4	335.9	333.1	333.5	338.2	342.8	354.0	364.8	382.5	399.8
37.5°	318.6	316.7	314.4	313.9	315.3	320.0	324.7	334.5	343.8	361.5	378.8
40°	301.8	300.9	299.9	299.0	299.9	304.6	309.3	318.6	327.5	344.7	361.5
42.5°	286.9	286.4	285.9	285.9	286.4	291.5	296.7	306.0	314.9	330.3	345.6
45°	272.4	272.9	272.9	273.8	275.2	280.3	285.0	295.3	305.5	320.5	335.4
47.5°	258.9	260.3	261.2	263.6	264.9	270.5	275.7	286.9	298.1	316.7	334.9
50°	247.2	248.6	249.6	251.4	255.2	261.7	268.2	281.7	294.8	326.1	356.8
52.5°	236.5	237.9	239.3	241.2	245.8	253.3	260.8	277.5	293.9	330.3	366.6
55°	226.7	228.1	229.0	231.8	236.5	243.0	249.1	269.6	290.1	316.7	343.3
57.5°	217.4	218.8	219.7	221.6	223.9	230.9	237.4	259.4	281.3	299.9	318.1
60°	207.6	208.5	209.0	209.0	210.8	218.8	226.7	254.7	282.2	278.9	275.2
62.5°	196.8	197.8	198.2	196.8	199.2	207.6	216.0	252.4	288.7	266.3	244.0
65°	187.1	186.6	186.1	184.7	187.5	195.9	203.8	222.0	240.2	231.4	222.5
67.5°	176.3	174.9	173.5	171.7	174.5	181.9	188.9	195.0	201.0	202.0	202.9
70°	162.8	160.9	159.1	158.6	160.0	166.1	172.1	176.3	180.1	181.9	183.3
72.5°	146.9	145.5	144.1	143.2	143.7	148.8	153.5	157.2	160.9	162.3	163.3
75°	129.2	129.2	128.7	125.9	125.9	130.1	133.9	137.1	140.4	142.3	144.1
77.5°	110.1	110.6	110.6	106.8	106.4	110.6	114.3	117.1	119.4	121.3	122.7
80°	88.2	87.2	86.3	84.0	83.0	88.2	92.8	95.2	97.0	97.5	97.5
82.5°	67.6	65.8	63.4	58.3	58.8	64.4	69.5	71.4	73.2	73.2	73.2
85°	46.2	42.4	38.2	34.1	34.5	40.6	46.2	48.0	49.9	50.8	51.3
87.5°	21.9	18.2	14.0	10.7	10.7	15.9	20.5	21.5	22.4	24.3	26.1
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: P320576

CATALOG NUMBER: GAN-SA2D-727-U-SLR

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: P320576

CATALOG NUMBER: GAN-SA2D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4
2.5°	3326.3	3366.4	3408.0	3449.5	3497.1	3544.6	3600.1	3655.2	3702.3	3749.4	3788.6
5°	2798.3	2862.2	2937.3	3012.4	3108.0	3203.7	3320.7	3437.4	3541.4	3645.4	3766.2
7.5°	2216.6	2299.7	2397.6	2495.6	2619.2	2742.8	2894.4	3046.0	3192.9	3339.4	3525.0
10°	1859.3	1946.5	2043.1	2139.2	2265.1	2390.6	2551.1	2711.1	2876.2	3040.9	3250.8
12.5°	1671.8	1768.4	1853.2	1938.1	2040.3	2142.0	2297.3	2452.7	2646.7	2840.3	3042.3
15°	1471.7	1577.1	1678.8	1780.5	1892.0	2003.0	2154.1	2305.2	2517.5	2729.7	2962.0
17.5°	1229.6	1340.6	1464.7	1588.3	1733.8	1878.9	2072.5	2266.1	2517.5	2768.4	3042.3
20°	977.2	1090.6	1238.9	1387.3	1568.2	1748.8	1999.7	2250.7	2589.3	2927.5	3276.9
22.5°	771.1	870.9	1032.7	1194.1	1403.1	1612.1	1933.9	2255.3	2698.0	3140.2	3611.8
25°	625.1	695.5	854.6	1013.2	1254.3	1495.5	1893.8	2291.7	2856.1	3420.1	4005.0
27.5°	535.5	581.7	730.0	877.9	1141.4	1404.5	1877.5	2350.0	3056.7	3763.4	4432.8
30°	490.7	522.9	648.4	773.4	1041.1	1308.9	1857.9	2406.9	3249.8	4092.3	4767.2
32.5°	453.4	479.1	586.3	693.2	954.4	1215.6	1820.1	2424.2	3384.6	4345.1	5050.4
35°	421.7	443.1	536.4	629.7	886.3	1142.8	1756.7	2370.6	3469.1	4567.6	5345.2
37.5°	396.0	412.8	499.1	585.4	827.5	1069.6	1684.4	2299.2	3544.2	4789.2	5676.8
40°	376.0	390.4	471.1	551.8	771.5	991.2	1622.4	2253.0	3647.7	5042.4	6027.1
42.5°	364.8	383.4	446.9	509.8	718.3	926.9	1572.4	2218.0	3743.8	5269.1	6333.6
45°	362.0	388.6	434.3	480.0	678.7	877.4	1528.1	2178.4	3805.9	5433.3	6564.5
47.5°	357.3	379.2	424.5	469.7	659.1	848.0	1504.3	2160.2	3867.9	5575.1	6756.2
50°	360.1	362.9	416.5	469.7	656.3	842.9	1531.4	2219.9	4002.2	5784.1	6975.5
52.5°	355.0	342.8	401.6	460.4	655.8	851.3	1609.3	2367.3	4251.8	6135.8	7212.9
55°	327.9	312.1	373.6	435.2	646.0	856.4	1702.1	2547.3	4586.7	6625.6	7639.7
57.5°	304.1	289.7	341.9	393.7	616.2	838.7	1797.7	2756.3	4940.8	7124.7	8120.6
60°	272.4	269.1	306.5	343.8	570.0	795.8	1876.6	2956.9	5178.6	7399.9	8305.8
62.5°	246.3	248.2	275.7	303.2	512.2	720.7	1902.7	3084.2	5172.1	7260.0	8119.2
65°	226.2	229.5	256.6	283.6	462.7	641.9	1816.9	2991.4	4910.4	6829.0	7750.2
67.5°	206.6	210.4	242.6	274.3	418.9	563.0	1602.3	2641.1	4439.8	6238.0	7281.0
70°	188.0	192.6	227.6	262.6	387.2	511.2	1325.7	2140.1	3850.6	5560.7	6737.6
72.5°	167.9	172.6	209.9	247.2	367.1	486.5	1080.8	1674.6	3124.8	4574.6	5763.1
75°	147.4	150.7	191.2	231.4	339.6	447.8	848.0	1247.8	2391.5	3535.3	4353.0
77.5°	126.9	131.1	165.1	198.7	288.3	377.4	639.1	900.7	1754.8	2608.4	3027.3
80°	101.2	105.0	129.2	153.0	222.5	291.5	439.4	587.3	1207.7	1828.1	2064.1
82.5°	77.4	81.6	98.0	113.8	158.6	203.4	266.3	329.3	802.3	1274.8	1294.4
85°	53.2	54.6	66.2	77.4	98.0	118.5	152.5	186.6	530.8	875.1	729.1
87.5°	26.6	26.6	34.5	42.4	52.7	63.0	80.7	98.0	169.8	241.6	139.0
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: P320576
 CATALOG NUMBER: GAN-SA2D-727-U-SLR

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: P320576

CATALOG NUMBER: GAN-SA2D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4
2.5°	3838.5	3872.6	3907.1	3933.2	3959.8	3998.0	4036.3	4043.3	4050.7	4035.8	4020.9
5°	3888.0	3991.0	4094.6	4190.2	4285.8	4343.2	4400.6	4412.3	4423.9	4388.0	4351.6
7.5°	3704.6	3884.2	4063.8	4228.5	4393.1	4493.0	4593.2	4615.6	4638.5	4579.7	4520.9
10°	3459.7	3680.4	3901.0	4117.9	4334.8	4479.9	4625.0	4653.9	4682.8	4609.6	4536.3
12.5°	3270.4	3505.9	3741.5	3970.0	4199.1	4349.3	4499.5	4535.4	4571.3	4518.1	4464.5
15°	3212.1	3433.6	3655.2	3854.4	4054.0	4176.7	4299.8	4314.3	4329.2	4320.8	4312.4
17.5°	3317.9	3518.0	3718.6	3826.8	3935.5	3984.5	4034.0	4049.8	4066.1	4087.1	4108.6
20°	3574.5	3715.4	3856.7	3852.0	3846.9	3823.1	3798.9	3794.7	3790.5	3850.6	3911.3
22.5°	3957.5	4013.4	4069.9	3938.8	3807.7	3728.0	3647.7	3631.9	3615.5	3679.4	3743.8
25°	4373.1	4362.8	4352.1	4102.5	3852.5	3700.4	3548.4	3530.6	3512.9	3567.5	3622.5
27.5°	4784.5	4717.3	4650.1	4311.0	3971.9	3751.3	3530.6	3512.9	3495.2	3543.7	3592.2
30°	5086.3	4978.5	4870.8	4486.9	4103.0	3840.8	3578.7	3549.8	3520.4	3580.1	3639.8
32.5°	5321.9	5177.2	5032.6	4629.6	4226.6	3943.0	3659.4	3614.1	3568.9	3648.7	3728.4
35°	5556.9	5353.6	5149.7	4757.0	4363.7	4063.8	3763.4	3707.9	3652.4	3762.0	3871.6
37.5°	5852.7	5560.7	5268.2	4900.2	4532.1	4244.8	3957.0	3900.1	3843.2	3982.6	4122.6
40°	6173.6	5784.1	5394.6	5056.9	4719.2	4495.3	4270.9	4216.8	4162.2	4332.0	4501.8
42.5°	6440.4	5992.2	5543.9	5245.8	4947.3	4789.6	4631.5	4631.0	4630.1	4802.2	4974.3
45°	6657.3	6165.7	5673.6	5430.1	5186.1	5104.0	5021.9	5087.7	5153.5	5308.8	5464.6
47.5°	6819.2	6311.2	5802.8	5640.9	5479.1	5491.2	5503.3	5637.2	5771.1	5870.9	5971.2
50°	6924.6	6443.2	5961.4	5911.5	5861.5	5970.2	6079.4	6232.9	6386.8	6454.9	6523.0
52.5°	7078.1	6622.3	6166.1	6222.1	6278.1	6500.1	6722.2	6877.5	7032.8	7058.0	7083.7
55°	7433.1	6951.7	6469.8	6577.1	6684.9	7010.4	7336.5	7457.8	7579.1	7588.4	7597.7
57.5°	7937.3	7413.0	6888.7	7004.4	7120.1	7496.0	7872.5	8003.1	8134.1	8116.0	8097.3
60°	8314.7	7851.0	7386.9	7503.5	7620.1	7986.7	8353.4	8503.6	8654.2	8614.1	8574.0
62.5°	8338.0	8090.3	7842.1	7947.6	8053.4	8412.6	8771.8	8926.2	9080.6	9010.6	8940.7
65°	7967.2	8078.2	8189.2	8224.2	8259.2	8594.1	8929.5	9047.5	9166.0	9130.5	9095.1
67.5°	7456.4	7865.5	8275.0	8204.6	8134.1	8291.3	8448.5	8570.3	8692.0	8672.0	8651.5
70°	6946.5	7492.8	8039.0	7692.9	7346.3	7281.5	7216.6	7347.7	7479.2	7398.1	7316.4
72.5°	6078.5	6660.6	7243.2	6605.6	5967.9	5746.3	5524.8	5691.3	5857.8	5728.6	5598.9
75°	4771.4	5414.7	6058.4	5297.6	4536.8	4241.1	3945.3	4088.5	4231.7	4143.1	4054.0
77.5°	3552.1	4186.0	4819.9	4046.5	3272.7	3053.0	2832.8	2875.3	2918.2	2903.3	2887.9
80°	2409.3	2851.0	3293.2	2778.2	2263.3	2280.1	2297.3	2277.3	2256.7	2286.6	2316.4
82.5°	1537.5	1878.4	2219.9	1946.5	1673.2	1829.9	1986.7	1909.7	1832.3	1860.7	1889.6
85°	877.4	1210.9	1544.9	1440.0	1334.5	1426.0	1517.9	1398.4	1279.0	1331.3	1384.0
87.5°	231.4	669.8	1108.8	1006.6	904.5	786.0	667.5	509.4	351.2	513.1	675.0
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: P320576

CATALOG NUMBER: GAN-SA2D-727-U-SLR

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°	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4	3554.4
2.5°	4013.0	4005.0	3976.6	3947.7	3904.7	3869.3	3807.7
5°	4301.2	4250.9	4164.1	4076.9	3979.8	3868.4	3744.7
7.5°	4403.4	4285.4	4118.9	3951.9	3801.7	3625.3	3461.1
10°	4360.0	4183.2	3966.8	3749.9	3567.5	3364.6	3182.2
12.5°	4277.0	4089.0	3850.6	3611.8	3404.2	3186.4	2982.1
15°	4162.7	4012.5	3789.1	3565.6	3356.7	3144.9	2902.8
17.5°	4037.7	3966.3	3804.9	3643.1	3462.1	3256.8	2972.8
20°	3936.9	3963.1	3898.7	3834.3	3689.2	3510.1	3191.1
22.5°	3868.8	3994.3	4043.7	4093.7	4006.4	3866.5	3497.5
25°	3830.6	4038.6	4204.2	4370.3	4331.6	4223.8	3869.8
27.5°	3847.4	4102.5	4359.5	4617.0	4652.9	4623.1	4262.1
30°	3897.7	4156.2	4469.2	4782.6	4925.8	4965.9	4589.0
32.5°	3981.7	4235.0	4576.0	4917.4	5133.9	5261.7	4888.0
35°	4108.6	4345.6	4701.0	5056.4	5336.3	5569.5	5196.8
37.5°	4326.4	4530.3	4858.2	5186.6	5549.5	5899.8	5536.9
40°	4645.5	4789.6	5066.7	5344.2	5800.9	6273.9	5916.1
42.5°	5048.0	5122.2	5341.9	5561.6	6063.5	6613.5	6287.0
45°	5484.2	5503.8	5641.8	5780.4	6271.6	6844.8	6565.4
47.5°	5904.0	5836.8	5891.9	5946.9	6431.1	7010.0	6776.7
50°	6335.9	6148.9	6120.0	6091.0	6590.6	7204.5	7045.4
52.5°	6775.3	6467.0	6352.7	6238.0	6780.9	7462.4	7379.9
55°	7205.4	6813.1	6659.2	6505.3	7072.0	7777.3	7871.1
57.5°	7652.8	7208.2	7065.5	6922.7	7499.8	8176.1	8311.9
60°	8134.1	7693.8	7579.5	7464.8	8031.5	8607.1	8508.2
62.5°	8590.8	8241.0	8180.8	8120.2	8569.4	8938.3	8431.7
65°	8895.9	8696.2	8752.2	8808.6	8976.1	9020.9	8207.8
67.5°	8692.0	8732.6	8969.1	9206.1	9090.9	8775.5	7766.6
70°	7559.5	7803.0	8363.2	8923.9	8668.2	8118.3	6974.5
72.5°	5872.3	6146.1	6977.8	7810.0	7574.4	6900.8	5728.6
75°	4362.8	4672.1	5590.1	6508.1	6181.1	5161.9	4101.6
77.5°	3095.0	3302.1	4208.4	5115.2	4582.0	3436.0	2760.0
80°	2253.0	2189.6	2694.7	3199.9	3111.3	2272.6	1772.6
82.5°	1734.8	1579.9	1817.8	2055.7	2042.6	1577.1	1300.5
85°	1322.0	1259.9	1470.3	1680.7	1500.6	1068.2	826.6
87.5°	770.6	866.7	1114.4	1362.5	1022.5	324.2	160.5
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)