

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: P320758

Luminaire Tested: **GAN-SA4B-827-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320758
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-SA4B-827-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 80 CRI, 2700K, 800mA 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: 14893 lumens
Efficiency: N/A
Efficacy: 87.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B2 - U0 - G3

Input Watts (W): 171
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

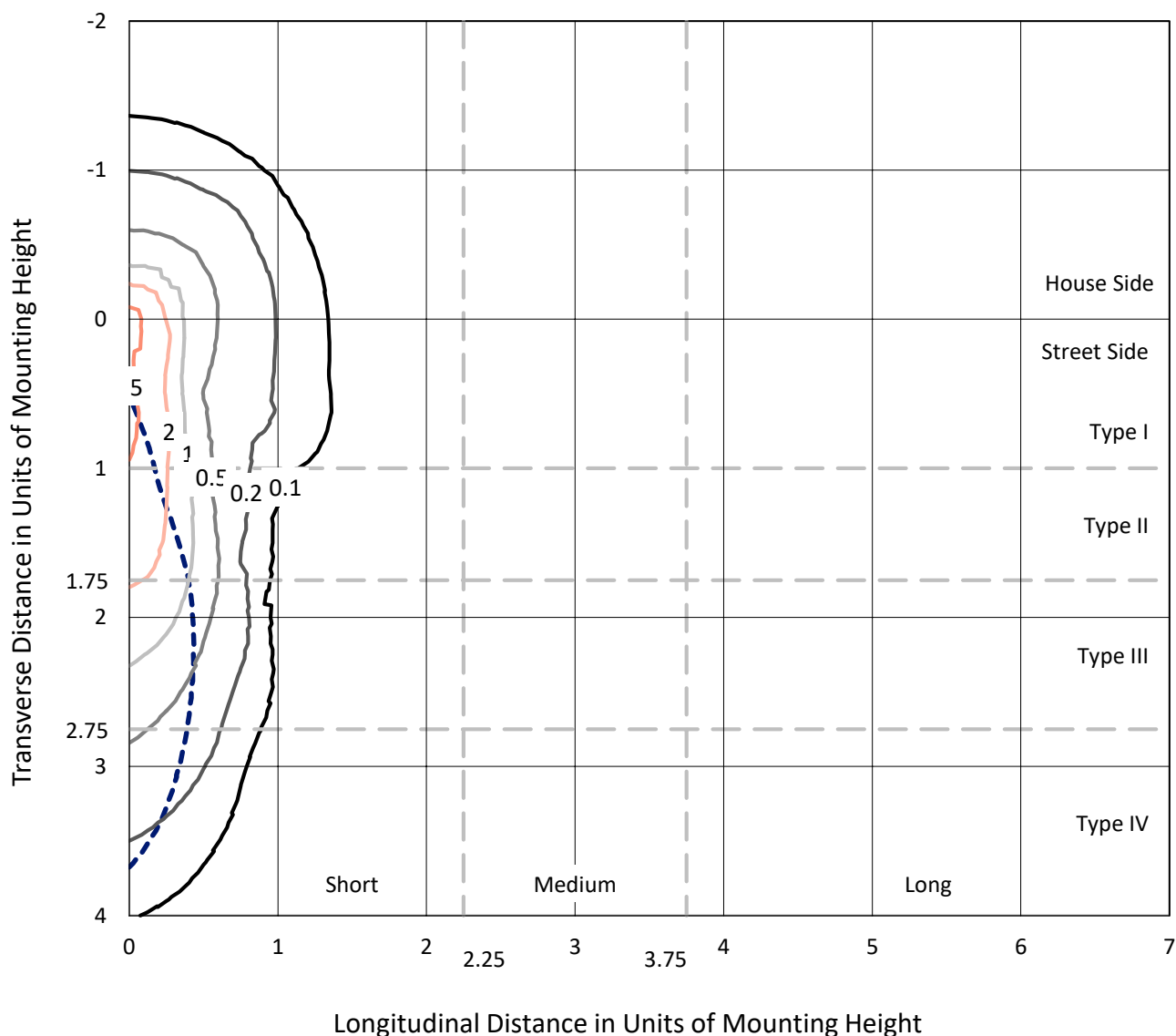


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

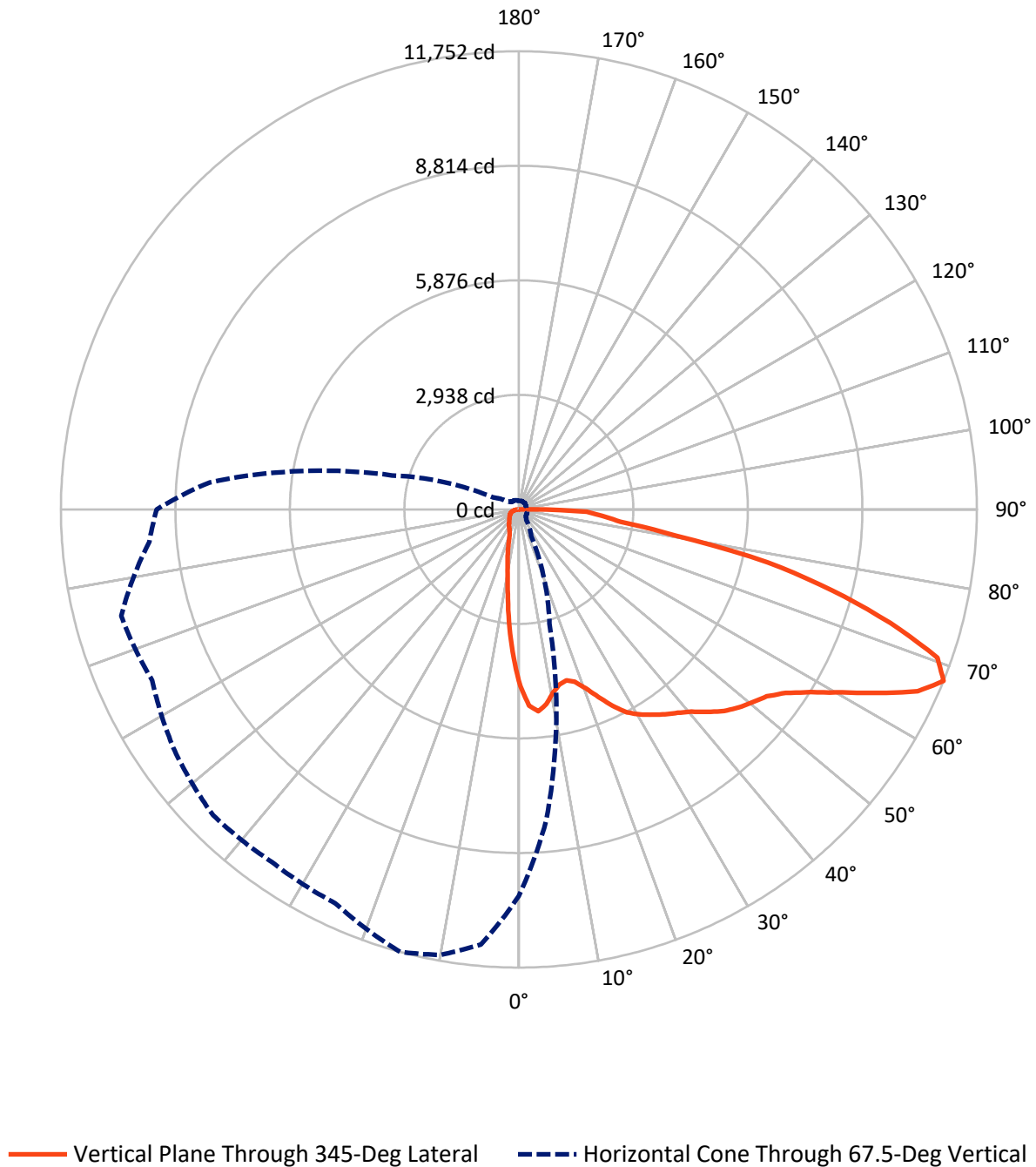
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.3 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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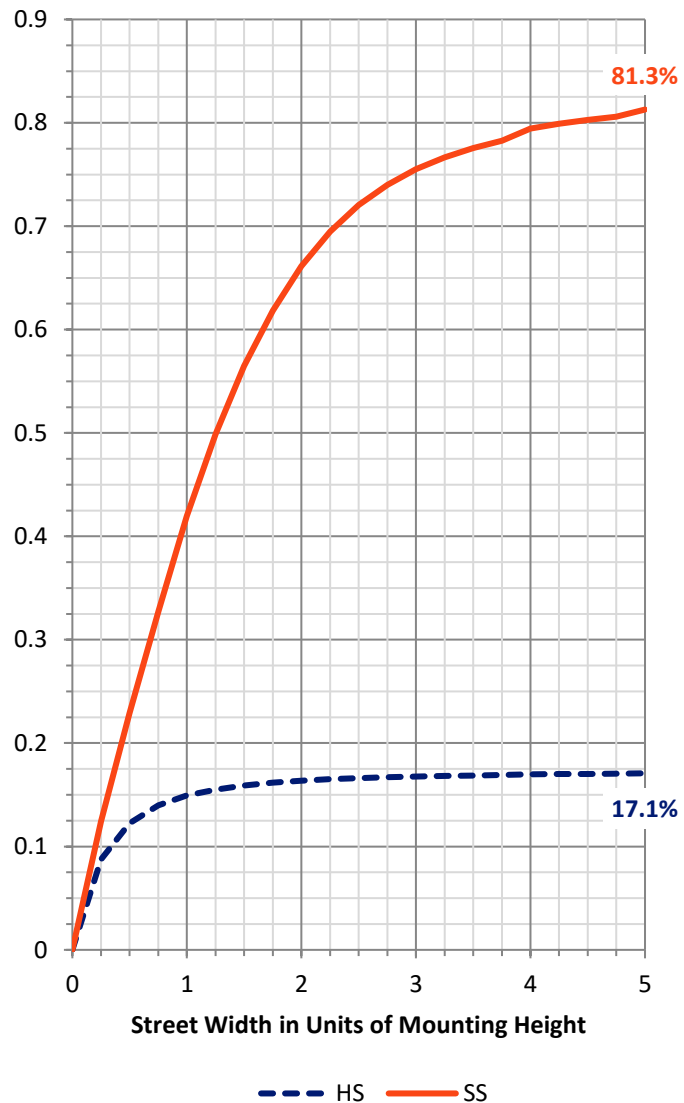
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2574.7	0.0	2574.7
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	12318.3	0.0	12318.3
	% Fixture	82.7	0.0	82.7
Total	Lumens	14893.0	0.0	14893.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	350.2	2.4
10°-20°	727.4	4.9
20°-30°	1034.6	6.9
30°-40°	1490.8	10.0
40°-50°	2101.0	14.1
50°-60°	2920.8	19.6
60°-70°	3532.1	23.7
70°-80°	2171.1	14.6
80°-90°	564.9	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°	14893.0	100.0
0°-180°	14893.0	100.0

Coefficient of Utilization



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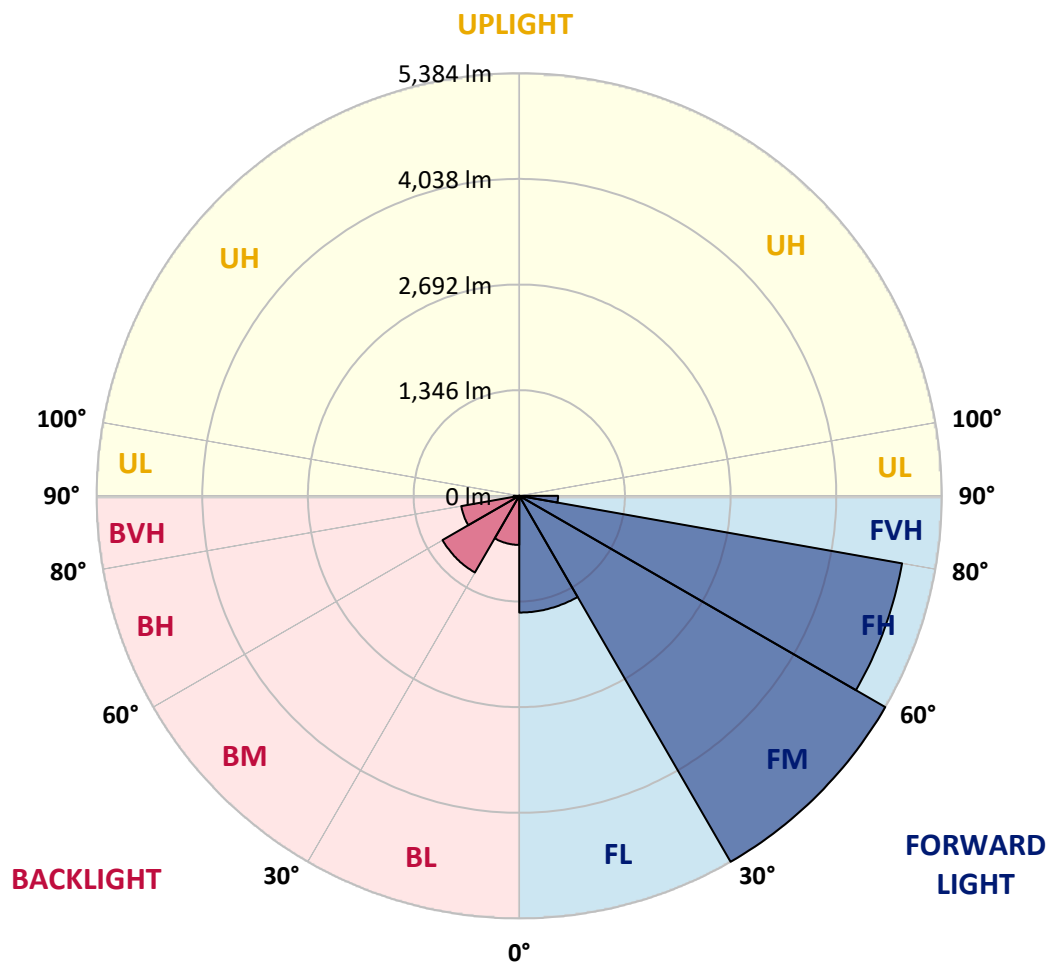
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1487.1	10.0			
FM	(30°-60°)	5384.2	36.2			
FH	(60°-80°)	4952.9	33.3			G2/5000
FVH	(80°-90°)	494.1	3.3			G3/500
BL	(0°-30°)	625.1	4.2	B2/1000		
BM	(30°-60°)	1128.4	7.6	B2/2500		
BH	(60°-80°)	750.3	5.0	B2/1000		G2/1000
BVH	(80°-90°)	70.8	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°	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3
2.5°	4860.6	4817.7	4752.8	4687.9	4639.7	4590.8	4535.5	4480.1	4417.0	4353.3	4315.8
5°	4780.2	4661.1	4506.3	4351.5	4249.1	4146.6	4030.5	3914.4	3799.5	3684.6	3622.7
7.5°	4418.2	4239.5	4038.3	3837.0	3688.2	3538.7	3377.9	3216.6	3073.7	2930.2	2841.4
10°	4062.1	3847.7	3616.7	3385.1	3194.5	3004.0	2842.6	2680.7	2572.9	2465.1	2383.5
12.5°	3806.7	3569.1	3314.8	3060.0	2869.4	2678.9	2576.5	2474.1	2384.7	2295.4	2201.3
15°	3705.4	3436.9	3176.7	2915.9	2742.6	2569.3	2455.6	2341.3	2221.6	2101.3	1985.8
17.5°	3794.7	3480.3	3197.5	2914.7	2687.8	2461.0	2302.0	2142.4	1984.6	1826.8	1692.8
20°	4073.4	3672.1	3302.3	2931.9	2630.1	2328.2	2115.0	1901.2	1698.8	1496.3	1344.5
22.5°	4464.6	3933.5	3450.6	2967.7	2577.7	2187.1	1919.7	1651.8	1412.4	1173.0	1024.2
25°	4939.8	4280.0	3664.3	3048.1	2556.2	2063.8	1735.1	1406.4	1154.0	900.9	794.9
27.5°	5440.5	4693.3	3929.9	3166.0	2559.8	1953.6	1579.7	1205.2	977.7	750.3	677.6
30°	5857.9	5165.4	4239.5	3313.0	2573.5	1834.0	1433.2	1032.5	844.9	657.4	610.3
32.5°	6239.6	5494.7	4472.9	3450.6	2589.0	1726.8	1320.1	912.8	759.8	606.2	567.5
35°	6633.8	5787.1	4636.1	3484.5	2562.2	1639.2	1242.7	846.1	705.0	563.3	530.5
37.5°	7067.9	6103.3	4793.3	3482.7	2516.9	1551.1	1182.5	813.4	669.3	524.6	500.8
40°	7552.0	6452.8	4963.6	3474.4	2475.8	1476.7	1137.9	798.5	649.6	500.2	479.9
42.5°	8025.3	6786.2	5122.0	3457.7	2442.5	1426.7	1093.8	761.0	631.8	502.0	473.4
45°	8380.8	7077.4	5259.5	3441.0	2417.5	1393.9	1059.3	724.7	615.1	505.5	469.2
47.5°	8650.6	7369.8	5412.0	3453.6	2415.1	1376.7	1034.9	693.1	583.5	473.4	458.5
50°	8993.5	7721.1	5634.1	3547.0	2447.9	1348.7	1006.3	663.3	553.2	443.0	463.3
52.5°	9420.5	8222.4	5978.2	3733.4	2516.3	1299.3	961.0	622.8	516.2	409.1	440.6
55°	10047.5	8864.9	6418.3	3971.0	2599.1	1226.6	892.6	557.9	467.4	376.3	404.3
57.5°	10610.2	9513.9	6840.4	4166.3	2650.9	1134.9	806.2	477.5	412.6	347.7	363.8
60°	10860.8	9848.6	7038.1	4227.0	2619.9	1012.8	709.2	404.9	364.4	323.9	320.9
62.5°	10763.2	9636.0	6843.4	4050.8	2468.7	886.6	623.4	360.2	329.9	298.9	292.4
65°	10477.4	8967.9	6298.0	3628.0	2213.3	798.5	569.2	340.0	306.1	272.1	265.0
67.5°	9914.1	8017.0	5525.1	3033.2	1888.7	744.3	538.3	332.3	291.2	249.5	241.2
70°	8903.0	6872.6	4634.9	2396.6	1554.1	711.0	518.0	325.1	275.1	224.5	216.7
72.5°	7312.6	5510.2	3701.3	1891.7	1299.3	706.8	515.7	324.5	262.0	199.5	192.3
75°	5235.7	4185.4	2825.4	1464.8	1064.1	663.3	489.5	315.6	244.1	172.1	165.5
77.5°	3523.2	2896.8	1963.8	1030.1	789.6	549.0	411.4	273.9	209.0	144.1	137.5
80°	2262.7	2004.8	1315.9	627.0	512.1	397.2	294.1	191.1	152.4	113.1	107.8
82.5°	1660.1	1492.2	914.6	337.0	284.6	231.6	179.8	128.0	104.2	80.4	78.0
85°	1055.1	1163.5	673.4	183.4	150.1	116.7	96.5	76.2	60.1	44.1	44.1
87.5°	204.8	283.4	186.4	88.7	64.9	41.1	35.1	28.6	16.1	3.0	3.6
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°	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3
2.5°	4277.6	4236.6	4195.5	4149.0	4102.0	4058.5	4014.5	3966.2	3975.2	3938.2	3901.3
5°	3560.7	3495.2	3429.1	3372.0	3314.8	3265.4	3215.4	3170.7	3209.4	3183.2	3157.0
7.5°	2752.1	2671.1	2589.6	2521.1	2452.6	2399.6	2346.0	2309.1	2347.2	2342.5	2337.7
10°	2302.0	2223.4	2144.2	2068.6	1992.9	1928.6	1863.7	1808.9	1799.4	1772.0	1744.0
12.5°	2106.7	1998.9	1890.5	1811.3	1732.1	1655.3	1578.5	1514.2	1485.0	1439.8	1393.9
15°	1870.3	1742.9	1615.4	1525.5	1435.0	1360.6	1285.6	1230.2	1211.7	1176.6	1141.5
17.5°	1558.9	1419.5	1280.2	1189.1	1097.4	1037.9	977.7	940.8	940.8	930.7	920.6
20°	1192.7	1068.2	943.8	874.1	804.4	772.9	740.7	725.2	730.0	730.6	730.6
22.5°	874.7	798.5	722.3	694.3	665.7	654.4	643.1	636.5	638.9	639.5	640.1
25°	688.9	659.7	630.0	615.7	600.8	593.7	586.5	584.1	589.5	590.1	590.1
27.5°	605.0	587.1	568.6	559.7	550.2	547.2	544.2	540.1	545.4	545.4	544.8
30°	562.7	543.6	524.6	513.3	502.0	503.1	503.7	502.6	506.1	508.5	510.3
32.5°	528.2	509.7	491.2	479.9	468.0	466.2	464.4	463.3	471.0	475.2	479.3
35°	497.2	476.9	456.7	446.0	435.3	431.1	426.9	424.0	431.1	436.5	441.8
37.5°	476.4	455.5	434.1	424.0	413.2	407.9	402.5	398.9	401.9	404.3	406.7
40°	459.7	438.2	416.2	404.3	392.4	387.0	381.7	378.7	380.5	381.1	381.7
42.5°	444.2	423.4	402.5	389.4	375.7	369.2	362.6	359.1	360.2	361.4	362.0
45°	432.9	412.0	390.6	375.1	359.1	351.9	344.8	340.6	341.2	341.2	341.2
47.5°	443.6	413.2	382.3	364.4	346.0	337.6	329.3	325.1	323.9	322.7	321.5
50°	482.9	431.1	378.7	356.1	332.9	323.9	314.4	309.6	306.7	305.5	304.3
52.5°	471.6	426.9	381.7	352.5	322.7	312.0	301.3	293.6	290.6	288.8	287.0
55°	431.7	403.7	375.1	340.0	304.9	295.3	285.2	279.9	274.5	273.3	272.1
57.5°	379.3	368.0	356.7	320.9	285.2	276.3	266.8	263.2	258.4	258.4	257.8
60°	317.4	334.0	350.7	309.6	267.9	257.8	247.7	244.7	242.9	242.3	241.7
62.5°	285.2	312.6	339.4	295.9	251.9	241.2	230.4	226.9	226.3	226.9	226.9
65°	257.8	266.2	274.5	254.3	234.0	223.3	212.0	208.4	209.6	211.4	213.2
67.5°	232.8	231.0	229.2	222.1	214.4	205.4	195.9	192.3	192.9	195.3	197.7
70°	209.0	206.6	203.6	198.3	192.9	185.2	177.4	175.1	174.5	177.4	179.8
72.5°	185.2	182.2	178.6	174.5	169.7	163.2	156.6	154.8	155.4	157.2	159.0
75°	159.0	156.6	153.6	150.1	145.9	139.9	134.0	132.8	134.0	135.8	137.5
77.5°	130.4	129.8	128.6	125.6	122.7	116.1	109.0	108.4	110.2	111.9	113.1
80°	101.8	102.4	103.0	100.6	98.2	91.1	83.4	82.8	84.6	86.3	88.1
82.5°	75.0	76.8	78.0	75.0	72.0	63.7	55.4	54.2	60.1	61.9	63.7
85°	43.5	45.8	48.2	45.8	43.5	35.1	26.8	26.2	31.6	34.5	37.5
87.5°	3.6	4.8	6.0	5.4	4.8	2.4	0.0	0.0	0.6	3.0	5.4
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: P320758
 CATALOG NUMBER: GAN-SA4B-827-U-SLR

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: P320758

CATALOG NUMBER: GAN-SA4B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3
2.5°	3878.1	3854.9	3847.7	3840.6	3814.4	3787.6	3815.0	3841.8	3853.1	3864.4	3835.2
5°	3153.5	3149.3	3149.3	3148.7	3124.9	3100.5	3118.9	3136.8	3096.9	3057.0	3052.8
7.5°	2363.3	2388.9	2409.7	2430.0	2422.3	2414.5	2431.8	2449.0	2398.4	2347.2	2322.2
10°	1750.0	1755.4	1778.0	1800.6	1806.0	1810.7	1832.2	1853.0	1813.7	1774.4	1757.1
12.5°	1365.3	1336.8	1339.7	1342.1	1352.8	1363.0	1385.6	1407.6	1391.5	1374.9	1376.7
15°	1105.7	1069.4	1054.5	1039.0	1051.0	1062.9	1078.9	1094.4	1095.0	1095.0	1110.5
17.5°	902.7	884.2	869.3	853.9	869.9	885.4	887.2	889.0	889.6	890.2	889.0
20°	739.5	748.5	743.7	738.9	744.9	750.3	755.0	759.2	753.8	747.9	733.0
22.5°	648.4	656.2	662.1	667.5	677.6	687.1	682.4	677.0	666.3	655.0	643.7
25°	595.4	600.8	606.8	612.7	621.0	628.8	620.4	612.1	604.4	596.6	588.9
27.5°	550.8	556.1	561.5	566.3	574.0	581.1	573.4	565.7	559.1	552.6	546.6
30°	514.5	518.0	522.2	526.4	533.5	540.1	533.5	526.4	521.6	516.2	512.1
32.5°	483.5	487.1	488.9	490.6	497.2	503.7	499.0	494.2	490.0	485.9	482.9
35°	449.6	456.7	457.9	459.1	465.6	472.2	469.2	465.6	460.9	456.1	450.7
37.5°	415.0	423.4	428.1	432.3	438.8	445.4	442.4	439.4	432.9	426.3	416.8
40°	385.8	389.4	398.3	406.7	417.4	427.5	421.6	415.0	404.9	394.8	390.0
42.5°	361.4	360.8	369.2	377.5	393.6	409.1	398.3	387.6	378.1	368.6	367.4
45°	340.0	338.2	342.4	346.5	363.8	380.5	369.8	358.5	353.1	347.7	347.7
47.5°	320.9	319.8	322.7	325.1	335.8	346.0	340.6	335.2	332.3	329.3	329.9
50°	303.7	302.5	305.5	307.8	312.0	315.6	316.8	317.4	315.6	313.8	315.0
52.5°	287.6	287.6	288.8	289.4	294.7	300.1	300.1	299.5	299.5	299.5	300.7
55°	273.9	275.1	275.1	275.1	283.4	291.2	288.8	286.4	287.0	287.0	288.2
57.5°	260.2	262.0	263.2	264.4	272.7	281.0	278.7	276.3	276.3	276.3	276.9
60°	244.7	247.1	249.5	251.9	260.2	268.5	266.2	263.2	263.8	264.4	265.0
62.5°	229.8	232.2	234.6	237.0	245.3	253.7	251.3	248.3	250.1	251.3	251.3
65°	215.5	217.3	219.7	222.1	229.8	237.6	235.2	232.8	235.2	237.0	238.2
67.5°	199.5	200.7	203.0	205.4	213.2	220.9	218.5	215.5	218.5	220.9	223.3
70°	181.0	182.2	185.2	187.6	195.3	203.0	200.1	197.1	200.1	203.0	205.4
72.5°	160.8	162.0	164.9	167.3	176.3	185.2	181.6	178.0	181.6	185.2	186.4
75°	138.7	139.9	143.5	146.5	155.4	164.3	161.4	157.8	160.8	163.7	164.3
77.5°	114.9	116.7	121.5	126.2	133.4	140.5	138.7	137.0	138.7	140.5	140.5
80°	89.9	91.7	97.7	103.0	107.2	111.3	111.9	112.5	113.1	113.7	113.1
82.5°	66.7	69.1	74.4	79.8	79.8	79.8	84.6	88.7	88.7	88.1	87.5
85°	41.1	44.1	48.8	53.6	50.6	47.6	55.4	62.5	62.5	61.9	60.7
87.5°	8.3	11.3	16.1	20.2	17.3	14.3	22.0	29.8	30.4	30.4	29.2
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: P320758
 CATALOG NUMBER: GAN-SA4B-827-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: P320758

CATALOG NUMBER: GAN-SA4B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3
2.5°	3805.5	3851.9	3897.8	3909.7	3927.5	3935.3	3942.4	4000.8	4058.5	4126.4	4194.3
5°	3048.1	3082.6	3117.1	3122.5	3140.9	3150.5	3160.0	3230.9	3301.1	3395.8	3490.5
7.5°	2297.2	2305.5	2313.9	2312.7	2328.2	2349.0	2369.3	2444.9	2519.9	2621.7	2722.9
10°	1739.9	1758.9	1777.4	1794.7	1828.6	1867.9	1906.6	1984.0	2061.4	2162.0	2262.1
12.5°	1378.4	1400.5	1421.9	1441.0	1480.3	1532.7	1584.5	1677.4	1770.2	1890.5	2010.2
15°	1125.4	1123.6	1121.8	1134.9	1169.4	1226.6	1283.2	1381.4	1479.7	1611.9	1743.4
17.5°	887.8	878.9	869.9	880.1	912.2	959.3	1005.7	1089.1	1171.8	1299.8	1427.9
20°	718.1	712.1	706.2	715.7	736.0	755.6	775.3	835.4	894.9	999.1	1102.8
22.5°	631.8	631.2	630.0	635.3	644.9	655.0	664.5	693.7	722.3	789.6	856.2
25°	581.1	580.6	580.0	582.3	590.1	597.8	605.6	624.6	643.7	675.8	708.0
27.5°	540.7	539.5	538.3	538.9	540.7	552.6	563.9	572.8	581.1	603.2	624.6
30°	507.9	507.3	506.7	506.7	504.9	509.1	513.3	527.0	540.1	562.7	585.3
32.5°	479.9	476.9	474.0	467.4	463.3	469.2	475.2	489.5	503.7	524.6	545.4
35°	444.8	437.1	428.7	425.1	425.7	431.7	437.6	451.9	465.6	488.3	510.3
37.5°	406.7	404.3	401.3	400.7	402.5	408.5	414.4	426.9	438.8	461.5	483.5
40°	385.2	384.1	382.9	381.7	382.9	388.8	394.8	406.7	418.0	440.0	461.5
42.5°	366.2	365.6	365.0	365.0	365.6	372.2	378.7	390.6	401.9	421.6	441.2
45°	347.7	348.3	348.3	349.5	351.3	357.9	363.8	376.9	390.0	409.1	428.1
47.5°	330.5	332.3	333.4	336.4	338.2	345.4	351.9	366.2	380.5	404.3	427.5
50°	315.6	317.4	318.6	320.9	325.7	334.0	342.4	359.6	376.3	416.2	455.5
52.5°	301.9	303.7	305.5	307.8	313.8	323.3	332.9	354.3	375.1	421.6	468.0
55°	289.4	291.2	292.4	295.9	301.9	310.2	318.0	344.2	370.4	404.3	438.2
57.5°	277.5	279.3	280.5	282.8	285.8	294.7	303.1	331.1	359.1	382.9	406.1
60°	265.0	266.2	266.8	266.8	269.1	279.3	289.4	325.1	360.2	356.1	351.3
62.5°	251.3	252.5	253.1	251.3	254.3	265.0	275.7	322.1	368.6	340.0	311.4
65°	238.8	238.2	237.6	235.8	239.4	250.1	260.2	283.4	306.7	295.3	284.0
67.5°	225.1	223.3	221.5	219.1	222.7	232.2	241.2	248.9	256.6	257.8	259.0
70°	207.8	205.4	203.0	202.4	204.2	212.0	219.7	225.1	229.8	232.2	234.0
72.5°	187.6	185.8	184.0	182.8	183.4	189.9	195.9	200.7	205.4	207.2	208.4
75°	164.9	164.9	164.3	160.8	160.8	166.1	170.9	175.1	179.2	181.6	184.0
77.5°	140.5	141.1	141.1	136.4	135.8	141.1	145.9	149.5	152.4	154.8	156.6
80°	112.5	111.3	110.2	107.2	106.0	112.5	118.5	121.5	123.9	124.4	124.4
82.5°	86.3	84.0	81.0	74.4	75.0	82.2	88.7	91.1	93.5	93.5	93.5
85°	58.9	54.2	48.8	43.5	44.1	51.8	58.9	61.3	63.7	64.9	65.5
87.5°	28.0	23.2	17.9	13.7	13.7	20.2	26.2	27.4	28.6	31.0	33.3
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: P320758

CATALOG NUMBER: GAN-SA4B-827-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: P320758

CATALOG NUMBER: GAN-SA4B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3
2.5°	4246.1	4297.3	4350.3	4403.3	4464.0	4524.8	4595.6	4665.9	4726.0	4786.1	4836.2
5°	3572.0	3653.6	3749.5	3845.4	3967.4	4089.5	4238.9	4387.8	4520.6	4653.4	4807.6
7.5°	2829.5	2935.5	3060.6	3185.6	3343.4	3501.2	3694.7	3888.2	4075.8	4262.8	4499.7
10°	2373.4	2484.8	2608.0	2730.7	2891.5	3051.6	3256.5	3460.7	3671.5	3881.7	4149.6
12.5°	2134.1	2257.3	2365.7	2474.1	2604.5	2734.3	2932.5	3130.8	3378.5	3625.6	3883.5
15°	1878.6	2013.2	2143.0	2272.8	2415.1	2556.8	2749.7	2942.7	3213.6	3484.5	3781.0
17.5°	1569.6	1711.3	1869.7	2027.5	2213.3	2398.4	2645.5	2892.6	3213.6	3533.9	3883.5
20°	1247.4	1392.1	1581.5	1770.8	2001.9	2232.3	2552.7	2873.0	3305.3	3737.0	4183.0
22.5°	984.3	1111.7	1318.3	1524.3	1791.1	2057.8	2468.7	2879.0	3444.0	4008.5	4610.5
25°	797.9	887.8	1090.8	1293.3	1601.1	1909.0	2417.5	2925.4	3645.9	4365.8	5112.5
27.5°	683.6	742.5	931.9	1120.6	1457.0	1792.9	2396.6	2999.8	3901.9	4804.0	5658.5
30°	626.4	667.5	827.7	987.2	1329.0	1670.8	2371.6	3072.5	4148.4	5223.8	6085.4
32.5°	578.8	611.5	748.5	884.8	1218.3	1551.7	2323.4	3094.5	4320.5	5546.5	6446.8
35°	538.3	565.7	684.8	803.8	1131.3	1458.8	2242.4	3026.0	4428.3	5830.6	6823.2
37.5°	505.5	527.0	637.1	747.3	1056.3	1365.3	2150.1	2934.9	4524.2	6113.4	7246.5
40°	479.9	498.4	601.4	704.4	984.9	1265.3	2070.9	2876.0	4656.3	6436.7	7693.7
42.5°	465.6	489.5	570.4	650.8	917.0	1183.1	2007.2	2831.3	4779.0	6726.1	8084.9
45°	462.1	496.0	554.4	612.7	866.4	1120.0	1950.7	2780.7	4858.2	6935.7	8379.6
47.5°	456.1	484.1	541.9	599.6	841.4	1082.5	1920.3	2757.5	4937.4	7116.7	8624.4
50°	459.7	463.3	531.7	599.6	837.8	1076.0	1954.8	2833.7	5108.9	7383.5	8904.2
52.5°	453.1	437.6	512.7	587.7	837.2	1086.7	2054.3	3021.9	5427.4	7832.4	9207.3
55°	418.6	398.3	476.9	555.5	824.7	1093.2	2172.8	3251.7	5855.0	8457.6	9752.1
57.5°	388.2	369.8	436.5	502.6	786.6	1070.6	2294.8	3518.5	6306.9	9094.8	10366.0
60°	347.7	343.6	391.2	438.8	727.6	1015.8	2395.5	3774.5	6610.6	9446.1	10602.4
62.5°	314.4	316.8	351.9	387.0	653.8	920.0	2428.8	3937.1	6602.2	9267.4	10364.2
65°	288.8	293.0	327.5	362.0	590.7	819.3	2319.2	3818.6	6268.2	8717.2	9893.2
67.5°	263.8	268.5	309.6	350.1	534.7	718.7	2045.3	3371.4	5667.4	7962.8	9294.2
70°	240.0	245.9	290.6	335.2	494.2	652.6	1692.2	2731.9	4915.4	7098.2	8600.5
72.5°	214.4	220.3	267.9	315.6	468.6	621.0	1379.6	2137.6	3988.9	5839.5	7356.7
75°	188.2	192.3	244.1	295.3	433.5	571.6	1082.5	1592.8	3052.8	4512.8	5556.6
77.5°	162.0	167.3	210.8	253.7	368.0	481.7	815.8	1149.8	2240.0	3329.7	3864.4
80°	129.2	134.0	164.9	195.3	284.0	372.2	560.9	749.7	1541.6	2333.5	2634.8
82.5°	98.8	104.2	125.0	145.3	202.4	259.6	340.0	420.4	1024.2	1627.3	1652.3
85°	67.9	69.7	84.6	98.8	125.0	151.2	194.7	238.2	677.6	1117.0	930.7
87.5°	33.9	33.9	44.1	54.2	67.3	80.4	103.0	125.0	216.7	308.4	177.4
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: P320758
 CATALOG NUMBER: GAN-SA4B-827-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: P320758

CATALOG NUMBER: GAN-SA4B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3
2.5°	4899.9	4943.3	4987.4	5020.8	5054.7	5103.5	5152.3	5161.3	5170.8	5151.8	5132.7
5°	4963.0	5094.6	5226.8	5348.8	5470.9	5544.1	5617.4	5632.3	5647.2	5601.3	5554.9
7.5°	4729.0	4958.2	5187.5	5397.7	5607.9	5735.3	5863.3	5891.9	5921.1	5846.0	5771.0
10°	4416.4	4698.0	4979.7	5256.5	5533.4	5718.6	5903.8	5940.7	5977.6	5884.1	5790.7
12.5°	4174.6	4475.3	4776.0	5067.8	5360.2	5551.9	5743.6	5789.5	5835.3	5767.4	5699.0
15°	4100.2	4383.0	4665.9	4920.1	5175.0	5331.6	5488.8	5507.2	5526.3	5515.6	5504.8
17.5°	4235.4	4490.8	4746.9	4885.0	5023.7	5086.3	5149.4	5169.6	5190.5	5217.2	5244.6
20°	4562.9	4742.7	4923.1	4917.1	4910.6	4880.2	4849.3	4843.9	4838.5	4915.4	4992.8
22.5°	5051.7	5123.2	5195.2	5027.9	4860.6	4758.8	4656.3	4636.1	4615.3	4696.8	4779.0
25°	5582.3	5569.2	5555.5	5236.9	4917.7	4723.6	4529.5	4506.9	4484.3	4553.9	4624.2
27.5°	6107.4	6021.7	5935.9	5503.1	5070.2	4788.5	4506.9	4484.3	4461.6	4523.6	4585.5
30°	6492.7	6355.1	6217.6	5727.5	5237.5	4902.9	4568.2	4531.3	4493.8	4570.0	4646.2
32.5°	6793.4	6608.8	6424.2	5909.7	5395.3	5033.3	4671.2	4613.5	4555.7	4657.5	4759.4
35°	7093.5	6833.9	6573.7	6072.3	5570.3	5187.5	4804.0	4733.2	4662.3	4802.2	4942.2
37.5°	7471.0	7098.2	6724.9	6255.1	5785.3	5418.5	5051.1	4978.5	4905.8	5083.9	5262.5
40°	7880.7	7383.5	6886.3	6455.2	6024.1	5738.3	5451.9	5382.8	5313.1	5529.9	5746.6
42.5°	8221.2	7649.0	7076.8	6696.3	6315.2	6114.0	5912.1	5911.5	5910.3	6130.1	6349.8
45°	8498.1	7870.5	7242.3	6931.5	6620.1	6515.3	6410.5	6494.5	6578.4	6776.7	6975.6
47.5°	8704.7	8056.3	7407.3	7200.7	6994.0	7009.5	7025.0	7195.9	7366.8	7494.2	7622.2
50°	8839.3	8224.8	7609.7	7546.0	7482.3	7621.0	7760.4	7956.3	8152.8	8239.7	8326.6
52.5°	9035.2	8453.5	7871.1	7942.6	8014.0	8297.5	8580.9	8779.2	8977.5	9009.6	9042.4
55°	9488.3	8873.8	8258.8	8395.7	8533.3	8948.9	9365.1	9519.9	9674.7	9686.6	9698.5
57.5°	10132.0	9462.7	8793.5	8941.1	9088.8	9568.7	10049.2	10216.0	10383.3	10360.1	10336.2
60°	10613.7	10021.9	9429.4	9578.3	9727.1	10195.1	10663.1	10854.9	11047.2	10996.0	10944.8
62.5°	10643.5	10327.3	10010.5	10145.1	10280.3	10738.8	11197.3	11394.3	11591.4	11502.1	11412.8
65°	10170.1	10311.8	10453.6	10498.2	10542.9	10970.4	11398.5	11549.2	11700.4	11655.1	11609.9
67.5°	9518.1	10040.3	10563.1	10473.2	10383.3	10584.0	10784.6	10940.0	11095.4	11069.8	11043.6
70°	8867.3	9564.6	10261.8	9820.0	9377.6	9294.8	9212.1	9379.4	9547.3	9443.7	9339.5
72.5°	7759.2	8502.3	9246.0	8432.0	7618.1	7335.2	7052.4	7265.0	7477.5	7312.6	7147.1
75°	6090.8	6911.9	7733.6	6762.4	5791.3	5413.7	5036.2	5219.0	5401.8	5288.7	5175.0
77.5°	4534.3	5343.5	6152.7	5165.4	4177.6	3897.2	3616.1	3670.3	3725.1	3706.0	3686.4
80°	3075.4	3639.3	4203.8	3546.4	2889.1	2910.5	2932.5	2906.9	2880.7	2918.8	2957.0
82.5°	1962.6	2397.8	2833.7	2484.8	2135.8	2335.9	2536.0	2437.7	2338.9	2375.2	2412.1
85°	1120.0	1545.8	1972.1	1838.1	1703.6	1820.3	1937.6	1785.1	1632.7	1699.4	1766.7
87.5°	295.3	855.1	1415.4	1285.0	1154.6	1003.3	852.1	650.2	448.4	655.0	861.6
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: P320758

CATALOG NUMBER: GAN-SA4B-827-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°	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3	4537.3
2.5°	5122.6	5112.5	5076.1	5039.2	4984.4	4939.2	4860.6
5°	5490.6	5426.2	5315.5	5204.1	5080.3	4938.0	4780.2
7.5°	5621.0	5470.3	5257.7	5044.6	4852.8	4627.8	4418.2
10°	5565.6	5339.9	5063.6	4786.7	4553.9	4294.9	4062.1
12.5°	5459.6	5219.6	4915.4	4610.5	4345.5	4067.5	3806.7
15°	5313.7	5122.0	4836.8	4551.5	4284.8	4014.5	3705.4
17.5°	5154.1	5063.0	4857.0	4650.4	4419.4	4157.4	3794.7
20°	5025.5	5058.9	4976.7	4894.5	4709.3	4480.7	4073.4
22.5°	4938.6	5098.8	5161.9	5225.6	5114.2	4935.6	4464.6
25°	4889.8	5155.3	5366.7	5578.7	5529.3	5391.7	4939.8
27.5°	4911.2	5236.9	5565.0	5893.7	5939.5	5901.4	5440.5
30°	4975.5	5305.4	5704.9	6105.1	6287.9	6339.1	5857.9
32.5°	5082.7	5406.0	5841.3	6277.1	6553.4	6716.6	6239.6
35°	5244.6	5547.1	6000.8	6454.6	6811.8	7109.6	6633.8
37.5°	5522.7	5782.9	6201.5	6620.7	7084.0	7531.1	7067.9
40°	5930.0	6114.0	6467.7	6822.0	7404.9	8008.7	7552.0
42.5°	6443.9	6538.5	6819.0	7099.4	7740.1	8442.2	8025.3
45°	7000.6	7025.6	7201.9	7378.7	8005.7	8737.5	8380.8
47.5°	7536.5	7450.7	7521.0	7591.3	8209.3	8948.3	8650.6
50°	8087.9	7849.1	7812.2	7775.3	8413.0	9196.6	8993.5
52.5°	8648.8	8255.2	8109.3	7962.8	8655.9	9525.9	9420.5
55°	9197.8	8697.0	8500.5	8304.0	9027.5	9927.8	10047.5
57.5°	9768.8	9201.3	9019.1	8836.9	9573.5	10436.9	10610.2
60°	10383.3	9821.2	9675.3	9528.8	10252.3	10987.1	10860.8
62.5°	10966.2	10519.6	10442.8	10365.4	10938.8	11409.8	10763.2
65°	11355.6	11100.8	11172.2	11244.3	11458.1	11515.2	10477.4
67.5°	11095.4	11147.2	11449.1	11751.6	11604.5	11202.0	9914.1
70°	9649.7	9960.5	10675.7	11391.4	11065.1	10363.0	8903.0
72.5°	7496.0	7845.5	8907.2	9969.5	9668.8	8808.9	7312.6
75°	5569.2	5963.9	7135.8	8307.6	7890.2	6589.1	5235.7
77.5°	3950.7	4215.1	5372.1	6529.6	5849.0	4386.0	3523.2
80°	2876.0	2795.0	3439.9	4084.7	3971.6	2901.0	2262.7
82.5°	2214.4	2016.8	2320.4	2624.1	2607.4	2013.2	1660.1
85°	1687.5	1608.3	1876.8	2145.4	1915.5	1363.6	1055.1
87.5°	983.7	1106.3	1422.5	1739.3	1305.2	413.8	204.8
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)