

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: P320761

Luminaire Tested: **GAN-SA7B-827-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320761
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-SA7B-827-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 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: 26113 lumens
Efficiency: N/A
Efficacy: 88.5 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

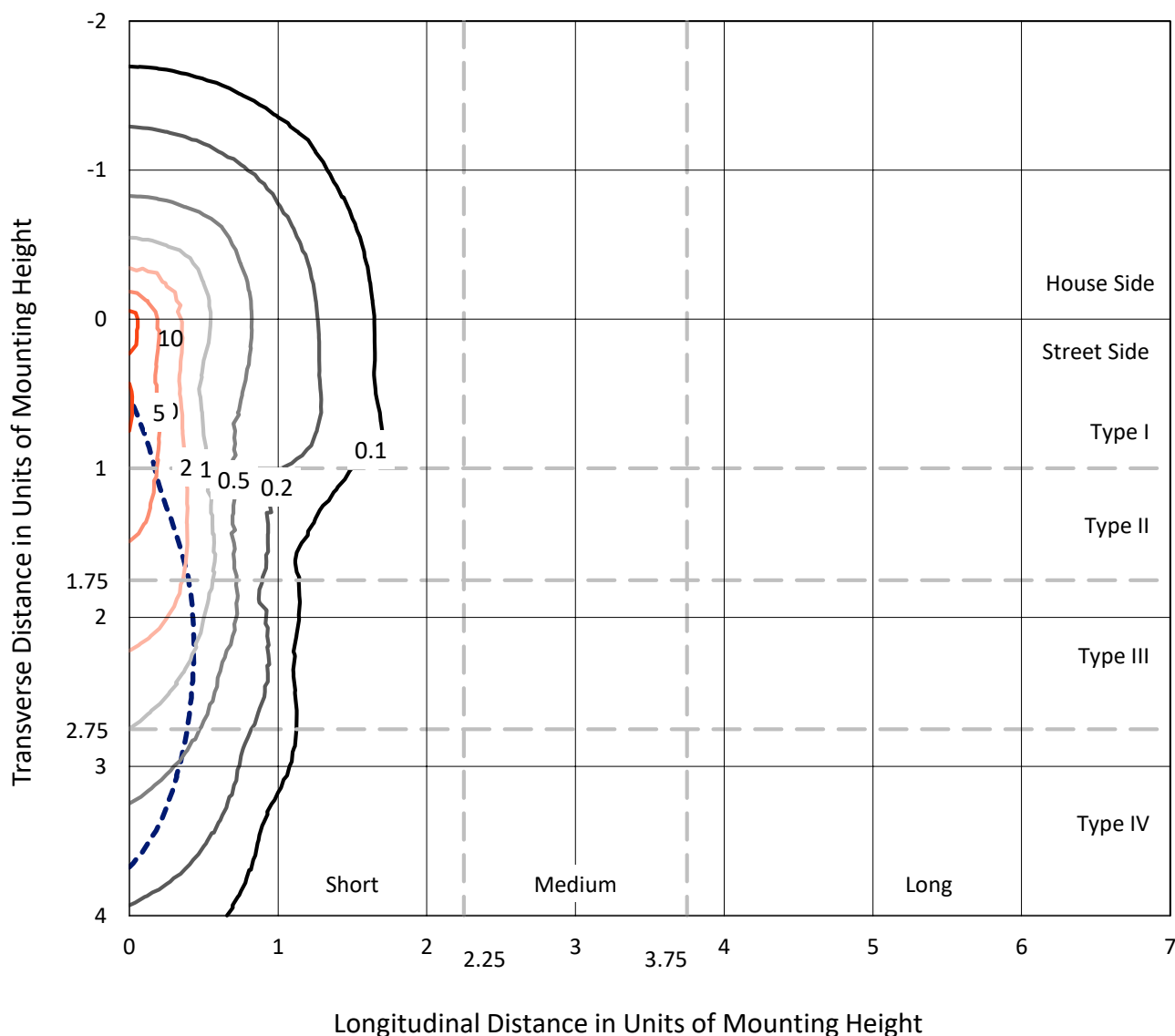
Input Watts (W): 295
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

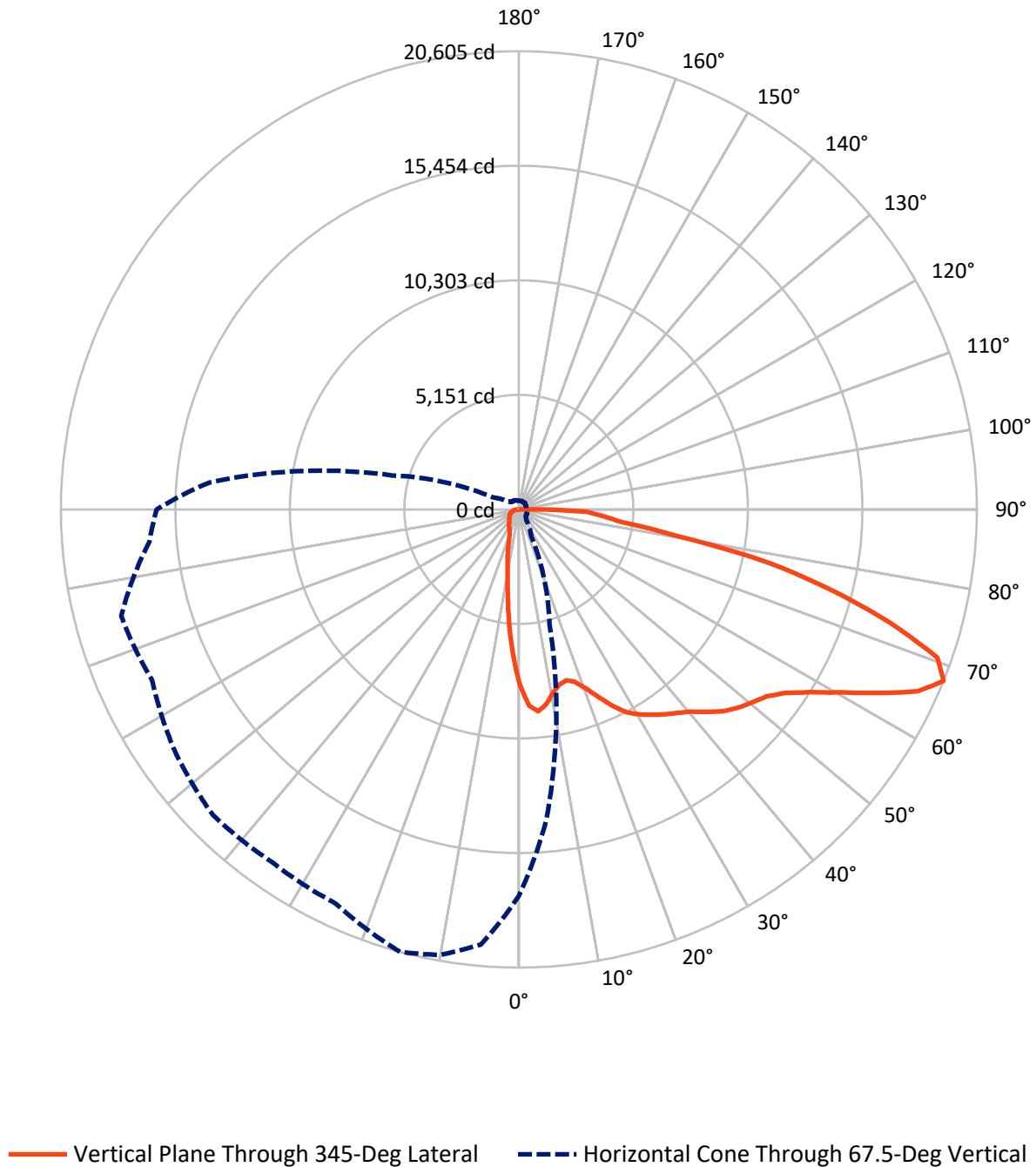
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.7 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	4514.4	0.0	4514.4
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	21598.6	0.0	21598.6
	% Fixture	82.7	0.0	82.7
Total	Lumens	26113.0	0.0	26113.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	614.0	2.4
10°-20°	1275.5	4.9
20°-30°	1814.0	6.9
30°-40°	2614.0	10.0
40°-50°	3683.9	14.1
50°-60°	5121.2	19.6
60°-70°	6193.1	23.7
70°-80°	3806.8	14.6
80°-90°	990.5	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°	26113.0	100.0
0°-180°	26113.0	100.0

Coefficient of Utilization



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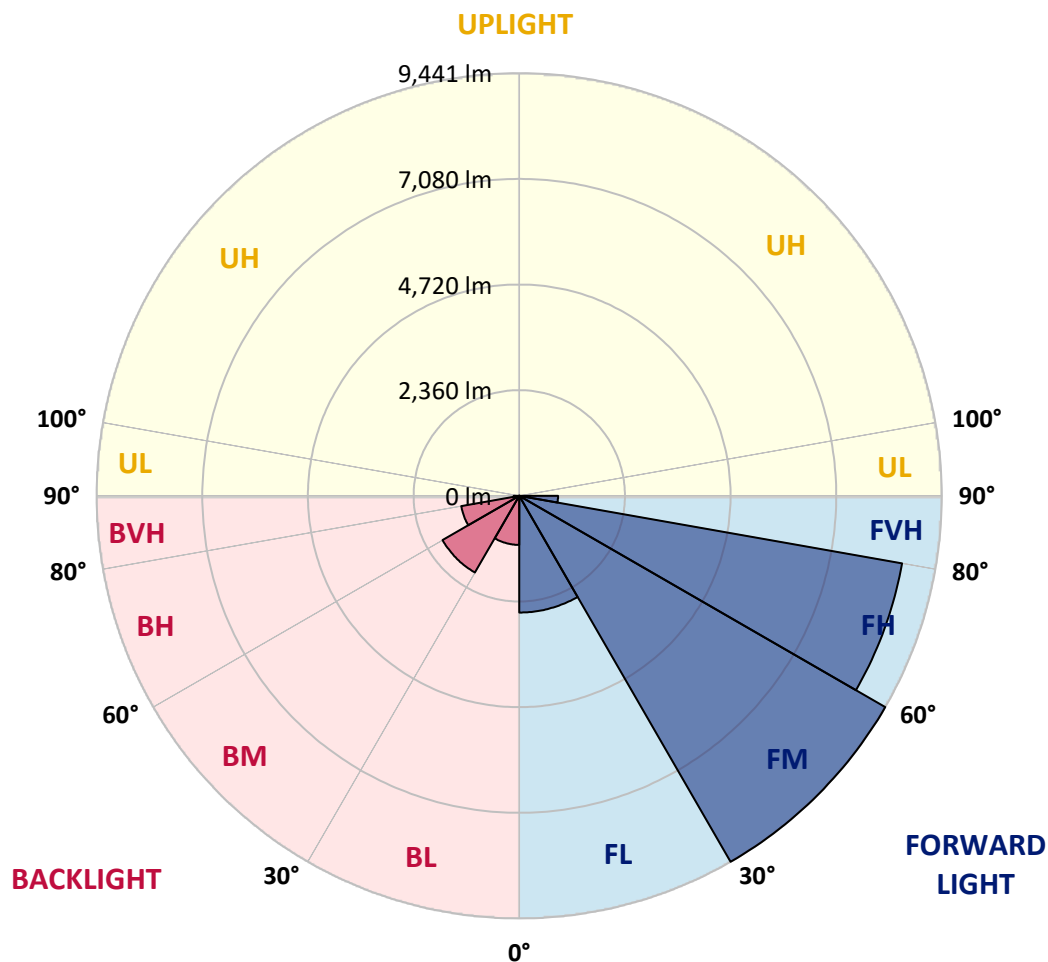
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2607.4	10.0			
FM	(30°-60°)	9440.5	36.2			
FH	(60°-80°)	8684.3	33.3			G4/12000
FVH	(80°-90°)	866.4	3.3			G5
BL	(0°-30°)	1096.1	4.2	B3/2500		
BM	(30°-60°)	1978.6	7.6	B2/2500		
BH	(60°-80°)	1315.6	5.0	B3/2500		G3/2500
BVH	(80°-90°)	124.2	0.5			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5

Type IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5
2.5°	8522.4	8447.2	8333.4	8219.6	8135.1	8049.5	7952.4	7855.3	7744.6	7632.9	7567.1
5°	8381.5	8172.7	7901.2	7629.8	7450.2	7270.6	7067.0	6863.5	6662.0	6460.5	6351.9
7.5°	7746.7	7433.5	7080.6	6727.7	6466.7	6204.7	5922.8	5639.8	5389.3	5137.7	4982.1
10°	7122.4	6746.5	6341.4	5935.3	5601.2	5267.1	4984.2	4700.2	4511.3	4322.3	4179.3
12.5°	6674.5	6257.9	5812.1	5365.3	5031.2	4697.1	4517.5	4337.9	4181.3	4024.7	3859.8
15°	6497.0	6026.1	5569.9	5112.6	4808.8	4505.0	4305.6	4105.1	3895.3	3684.4	3481.8
17.5°	6653.6	6102.4	5606.4	5110.5	4712.8	4315.0	4036.2	3756.4	3479.8	3203.1	2968.2
20°	7142.2	6438.5	5790.2	5140.8	4611.5	4082.2	3708.4	3333.6	2978.6	2623.6	2357.4
22.5°	7828.1	6896.9	6050.2	5203.4	4519.6	3834.7	3366.0	2896.1	2476.4	2056.7	1795.7
25°	8661.3	7504.5	6425.0	5344.4	4482.0	3618.6	3042.3	2466.0	2023.3	1579.6	1393.8
27.5°	9539.3	8229.0	6890.6	5551.1	4488.3	3425.5	2769.8	2113.1	1714.3	1315.5	1188.1
30°	10271.2	9057.0	7433.5	5809.0	4512.3	3215.6	2513.0	1810.3	1481.5	1152.6	1070.1
32.5°	10940.4	9634.3	7842.8	6050.2	4539.4	3027.7	2314.6	1600.5	1332.2	1062.8	995.0
35°	11631.5	10146.9	8128.8	6109.7	4492.5	2874.2	2178.9	1483.6	1236.1	987.7	930.2
37.5°	12392.6	10701.3	8404.4	6106.5	4413.1	2719.7	2073.4	1426.1	1173.5	919.8	878.0
40°	13241.4	11314.1	8703.0	6091.9	4341.1	2589.2	1995.1	1400.0	1139.0	877.0	841.5
42.5°	14071.4	11898.8	8980.7	6062.7	4282.6	2501.5	1917.9	1334.3	1107.7	880.1	830.0
45°	14694.7	12409.3	9221.9	6033.4	4238.8	2444.1	1857.3	1270.6	1078.5	886.4	822.7
47.5°	15167.7	12922.0	9489.2	6055.4	4234.6	2413.8	1814.5	1215.3	1023.1	830.0	803.9
50°	15769.0	13537.9	9878.6	6219.3	4292.0	2364.7	1764.4	1163.0	969.9	776.8	812.3
52.5°	16517.6	14417.0	10482.1	6546.1	4412.1	2278.1	1685.1	1092.1	905.2	717.2	772.6
55°	17617.0	15543.5	11253.6	6962.6	4557.2	2150.7	1565.0	978.3	819.6	659.8	708.9
57.5°	18603.6	16681.5	11993.8	7305.1	4648.0	1989.9	1413.6	837.3	723.5	609.7	637.9
60°	19043.1	17268.3	12340.4	7411.6	4593.7	1775.9	1243.4	709.9	638.9	568.0	562.7
62.5°	18871.9	16895.5	11999.0	7102.5	4328.5	1554.6	1093.1	631.6	578.4	524.1	512.6
65°	18370.7	15724.1	11042.7	6361.3	3880.7	1400.0	998.1	596.1	536.6	477.1	464.6
67.5°	17383.1	14056.8	9687.6	5318.3	3311.7	1305.0	943.8	582.6	510.5	437.4	422.8
70°	15610.3	12050.2	8126.7	4202.2	2724.9	1246.6	908.3	570.0	482.3	393.6	380.0
72.5°	12821.7	9661.5	6489.7	3316.9	2278.1	1239.3	904.1	569.0	459.4	349.7	337.2
75°	9180.2	7338.5	4953.9	2568.3	1865.7	1163.0	858.2	553.3	428.1	301.7	290.2
77.5°	6177.5	5079.2	3443.2	1806.2	1384.4	962.6	721.4	480.3	366.5	252.7	241.2
80°	3967.3	3515.2	2307.3	1099.4	897.9	696.4	515.8	335.1	267.3	198.4	189.0
82.5°	2910.8	2616.3	1603.6	590.9	499.0	406.1	315.3	224.5	182.7	140.9	136.8
85°	1850.0	2040.0	1180.8	321.6	263.1	204.6	169.1	133.6	105.4	77.3	77.3
87.5°	359.1	497.0	326.8	155.6	113.8	72.0	61.6	50.1	28.2	5.2	6.3
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



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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°	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5
2.5°	7500.3	7428.3	7356.2	7274.8	7192.3	7116.1	7038.8	6954.3	6969.9	6905.2	6840.5
5°	6243.3	6128.5	6012.6	5912.3	5812.1	5725.5	5637.8	5559.5	5627.3	5581.4	5535.4
7.5°	4825.5	4683.5	4540.5	4420.4	4300.4	4207.4	4113.5	4048.7	4115.6	4107.2	4098.9
10°	4036.2	3898.4	3759.6	3627.0	3494.4	3381.6	3267.8	3171.8	3155.1	3107.0	3058.0
12.5°	3693.8	3504.8	3314.8	3175.9	3037.1	2902.4	2767.7	2655.0	2603.8	2524.5	2444.1
15°	3279.3	3055.9	2832.5	2674.8	2516.1	2385.6	2254.1	2157.0	2124.6	2063.0	2001.4
17.5°	2733.3	2489.0	2244.7	2084.9	1924.1	1819.7	1714.3	1649.6	1649.6	1631.8	1614.1
20°	2091.2	1873.0	1654.8	1532.6	1410.5	1355.2	1298.8	1271.6	1280.0	1281.0	1281.0
22.5°	1533.7	1400.0	1266.4	1217.3	1167.2	1147.4	1127.6	1116.1	1120.2	1121.3	1122.3
25°	1207.9	1156.8	1104.6	1079.5	1053.4	1040.9	1028.4	1024.2	1033.6	1034.6	1034.6
27.5°	1060.7	1029.4	997.0	981.4	964.7	959.5	954.2	946.9	956.3	956.3	955.3
30°	986.6	953.2	919.8	900.0	880.1	882.2	883.2	881.2	887.4	891.6	894.7
32.5°	926.1	893.7	861.3	841.5	820.6	817.5	814.3	812.3	825.8	833.1	840.4
35°	871.8	836.3	800.8	782.0	763.2	755.9	748.6	743.3	755.9	765.3	774.7
37.5°	835.2	798.7	761.1	743.3	724.6	715.2	705.8	699.5	704.7	708.9	713.1
40°	806.0	768.4	729.8	708.9	688.0	678.6	669.2	664.0	667.1	668.2	669.2
42.5°	778.8	742.3	705.8	682.8	658.8	647.3	635.8	629.5	631.6	633.7	634.8
45°	759.0	722.5	684.9	657.7	629.5	617.0	604.5	597.2	598.2	598.2	598.2
47.5°	777.8	724.6	670.3	638.9	606.6	592.0	577.3	570.0	568.0	565.9	563.8
50°	846.7	755.9	664.0	624.3	583.6	568.0	551.2	542.9	537.7	535.6	533.5
52.5°	826.9	748.6	669.2	618.1	565.9	547.1	528.3	514.7	509.5	506.4	503.2
55°	756.9	707.9	657.7	596.1	534.5	517.8	500.1	490.7	481.3	479.2	477.1
57.5°	665.0	645.2	625.4	562.7	500.1	484.4	467.7	461.5	453.1	453.1	452.1
60°	556.5	585.7	614.9	542.9	469.8	452.1	434.3	429.1	426.0	424.9	423.9
62.5°	500.1	548.1	595.1	518.9	441.6	422.8	404.0	397.8	396.7	397.8	397.8
65°	452.1	466.7	481.3	445.8	410.3	391.5	371.7	365.4	367.5	370.6	373.8
67.5°	408.2	405.1	402.0	389.4	375.9	360.2	343.5	337.2	338.3	342.4	346.6
70°	366.5	362.3	357.1	347.7	338.3	324.7	311.1	306.9	305.9	311.1	315.3
72.5°	324.7	319.5	313.2	305.9	297.5	286.1	274.6	271.4	272.5	275.6	278.8
75°	278.8	274.6	269.4	263.1	255.8	245.3	234.9	232.8	234.9	238.0	241.2
77.5°	228.6	227.6	225.5	220.3	215.1	203.6	191.1	190.0	193.1	196.3	198.4
80°	178.5	179.6	180.6	176.4	172.3	159.7	146.2	145.1	148.3	151.4	154.5
82.5°	131.5	134.7	136.8	131.5	126.3	111.7	97.1	95.0	105.4	108.6	111.7
85°	76.2	80.4	84.6	80.4	76.2	61.6	47.0	45.9	55.3	60.6	65.8
87.5°	6.3	8.4	10.4	9.4	8.4	4.2	0.0	0.0	1.0	5.2	9.4
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: P320761
 CATALOG NUMBER: GAN-SA7B-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: P320761

CATALOG NUMBER: GAN-SA7B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5
2.5°	6799.8	6759.0	6746.5	6734.0	6688.1	6641.1	6689.1	6736.1	6755.9	6775.8	6724.6
5°	5529.2	5521.9	5521.9	5520.8	5479.1	5436.3	5468.6	5499.9	5430.0	5360.0	5352.7
7.5°	4143.8	4188.6	4225.2	4260.7	4247.1	4233.5	4263.8	4294.1	4205.4	4115.6	4071.7
10°	3068.4	3077.8	3117.5	3157.1	3166.5	3174.9	3212.5	3249.0	3180.1	3111.2	3080.9
12.5°	2394.0	2343.8	2349.1	2353.2	2372.0	2389.8	2429.5	2468.1	2439.9	2410.7	2413.8
15°	1938.8	1875.1	1849.0	1821.8	1842.7	1863.6	1891.8	1918.9	1920.0	1920.0	1947.1
17.5°	1582.7	1550.4	1524.3	1497.1	1525.3	1552.5	1555.6	1558.7	1559.8	1560.8	1558.7
20°	1296.7	1312.3	1304.0	1295.6	1306.1	1315.5	1323.8	1331.1	1321.7	1311.3	1285.2
22.5°	1136.9	1150.5	1161.0	1170.4	1188.1	1204.8	1196.5	1187.1	1168.3	1148.4	1128.6
25°	1044.0	1053.4	1063.9	1074.3	1088.9	1102.5	1087.9	1073.3	1059.7	1046.1	1032.5
27.5°	965.7	975.1	984.5	992.9	1006.4	1019.0	1005.4	991.8	980.3	968.9	958.4
30°	902.0	908.3	915.6	922.9	935.5	946.9	935.5	922.9	914.6	905.2	897.9
32.5°	847.8	854.0	857.1	860.3	871.8	883.2	874.9	866.5	859.2	851.9	846.7
35°	788.2	800.8	802.9	804.9	816.4	827.9	822.7	816.4	808.1	799.7	790.3
37.5°	727.7	742.3	750.7	758.0	769.4	780.9	775.7	770.5	759.0	747.5	730.8
40°	676.5	682.8	698.5	713.1	731.9	749.6	739.2	727.7	709.9	692.2	683.8
42.5°	633.7	632.7	647.3	661.9	690.1	717.2	698.5	679.7	663.0	646.3	644.2
45°	596.1	593.0	600.3	607.6	637.9	667.1	648.3	628.5	619.1	609.7	609.7
47.5°	562.7	560.6	565.9	570.0	588.8	606.6	597.2	587.8	582.6	577.3	578.4
50°	532.5	530.4	535.6	539.8	547.1	553.3	555.4	556.5	553.3	550.2	552.3
52.5°	504.3	504.3	506.4	507.4	516.8	526.2	526.2	525.1	525.1	525.1	527.2
55°	480.3	482.3	482.3	482.3	497.0	510.5	506.4	502.2	503.2	503.2	505.3
57.5°	456.2	459.4	461.5	463.5	478.2	492.8	488.6	484.4	484.4	484.4	485.5
60°	429.1	433.3	437.4	441.6	456.2	470.9	466.7	461.5	462.5	463.5	464.6
62.5°	403.0	407.2	411.3	415.5	430.1	444.8	440.6	435.4	438.5	440.6	440.6
65°	377.9	381.1	385.2	389.4	403.0	416.6	412.4	408.2	412.4	415.5	417.6
67.5°	349.7	351.8	356.0	360.2	373.8	387.3	383.2	377.9	383.2	387.3	391.5
70°	317.4	319.5	324.7	328.9	342.4	356.0	350.8	345.6	350.8	356.0	360.2
72.5°	281.9	284.0	289.2	293.4	309.0	324.7	318.4	312.2	318.4	324.7	326.8
75°	243.3	245.3	251.6	256.8	272.5	288.2	282.9	276.7	281.9	287.1	288.2
77.5°	201.5	204.6	213.0	221.3	233.9	246.4	243.3	240.1	243.3	246.4	246.4
80°	157.6	160.8	171.2	180.6	187.9	195.2	196.3	197.3	198.4	199.4	198.4
82.5°	116.9	121.1	130.5	139.9	139.9	139.9	148.3	155.6	155.6	154.5	153.5
85°	72.0	77.3	85.6	94.0	88.7	83.5	97.1	109.6	109.6	108.6	106.5
87.5°	14.6	19.8	28.2	35.5	30.3	25.1	38.6	52.2	53.2	53.2	51.2
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: P320761
 CATALOG NUMBER: GAN-SA7B-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: P320761

CATALOG NUMBER: GAN-SA7B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5
2.5°	6672.4	6753.8	6834.2	6855.1	6886.4	6900.0	6912.5	7014.8	7116.1	7235.1	7354.1
5°	5344.4	5404.9	5465.5	5474.9	5507.3	5524.0	5540.7	5664.9	5788.1	5954.1	6120.1
7.5°	4027.9	4042.5	4057.1	4055.0	4082.2	4118.7	4154.2	4286.8	4418.3	4596.9	4774.3
10°	3050.7	3084.1	3116.4	3146.7	3206.2	3275.1	3343.0	3478.7	3614.4	3790.9	3966.3
12.5°	2416.9	2455.6	2493.1	2526.6	2595.5	2687.3	2778.2	2941.0	3103.9	3314.8	3524.6
15°	1973.2	1970.1	1967.0	1989.9	2050.5	2150.7	2249.9	2422.1	2594.4	2826.2	3056.9
17.5°	1556.6	1541.0	1525.3	1543.1	1599.5	1681.9	1763.4	1909.5	2054.7	2279.1	2503.6
20°	1259.1	1248.7	1238.2	1254.9	1290.4	1324.9	1359.3	1464.8	1569.2	1751.9	1933.5
22.5°	1107.7	1106.7	1104.6	1114.0	1130.7	1148.4	1165.1	1216.3	1266.4	1384.4	1501.3
25°	1019.0	1017.9	1016.9	1021.1	1034.6	1048.2	1061.8	1095.2	1128.6	1185.0	1241.4
27.5°	948.0	945.9	943.8	944.8	948.0	968.9	988.7	1004.4	1019.0	1057.6	1095.2
30°	890.6	889.5	888.5	888.5	885.3	892.6	900.0	924.0	946.9	986.6	1026.3
32.5°	841.5	836.3	831.0	819.6	812.3	822.7	833.1	858.2	883.2	919.8	956.3
35°	779.9	766.3	751.7	745.4	746.5	756.9	767.4	792.4	816.4	856.1	894.7
37.5°	713.1	708.9	703.7	702.6	705.8	716.2	726.6	748.6	769.4	809.1	847.8
40°	675.5	673.4	671.3	669.2	671.3	681.8	692.2	713.1	732.9	771.5	809.1
42.5°	642.1	641.0	640.0	640.0	641.0	652.5	664.0	684.9	704.7	739.2	773.6
45°	609.7	610.8	610.8	612.8	616.0	627.5	637.9	660.9	683.8	717.2	750.7
47.5°	579.4	582.6	584.7	589.9	593.0	605.5	617.0	642.1	667.1	708.9	749.6
50°	553.3	556.5	558.6	562.7	571.1	585.7	600.3	630.6	659.8	729.8	798.7
52.5°	529.3	532.5	535.6	539.8	550.2	566.9	583.6	621.2	657.7	739.2	820.6
55°	507.4	510.5	512.6	518.9	529.3	543.9	557.5	603.4	649.4	708.9	768.4
57.5°	486.5	489.6	491.7	495.9	501.1	516.8	531.4	580.5	629.5	671.3	712.0
60°	464.6	466.7	467.7	467.7	471.9	489.6	507.4	570.0	631.6	624.3	616.0
62.5°	440.6	442.7	443.7	440.6	445.8	464.6	483.4	564.8	646.3	596.1	546.0
65°	418.7	417.6	416.6	413.4	419.7	438.5	456.2	497.0	537.7	517.8	498.0
67.5°	394.6	391.5	388.4	384.2	390.5	407.2	422.8	436.4	450.0	452.1	454.2
70°	364.4	360.2	356.0	355.0	358.1	371.7	385.2	394.6	403.0	407.2	410.3
72.5°	328.9	325.7	322.6	320.5	321.6	333.0	343.5	351.8	360.2	363.3	365.4
75°	289.2	289.2	288.2	281.9	281.9	291.3	299.6	306.9	314.3	318.4	322.6
77.5°	246.4	247.4	247.4	239.1	238.0	247.4	255.8	262.1	267.3	271.4	274.6
80°	197.3	195.2	193.1	187.9	185.8	197.3	207.8	213.0	217.2	218.2	218.2
82.5°	151.4	147.2	142.0	130.5	131.5	144.1	155.6	159.7	163.9	163.9	163.9
85°	103.4	95.0	85.6	76.2	77.3	90.8	103.4	107.5	111.7	113.8	114.8
87.5°	49.1	40.7	31.3	24.0	24.0	35.5	45.9	48.0	50.1	54.3	58.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320761
 CATALOG NUMBER: GAN-SA7B-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: P320761

CATALOG NUMBER: GAN-SA7B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5
2.5°	7445.0	7534.8	7627.7	7720.6	7827.1	7933.6	8057.8	8181.0	8286.5	8391.9	8479.6
5°	6263.1	6406.2	6574.3	6742.3	6956.4	7170.4	7432.4	7693.5	7926.3	8159.1	8429.5
7.5°	4961.2	5147.1	5366.3	5585.6	5862.2	6138.9	6478.2	6817.5	7146.4	7474.2	7889.7
10°	4161.5	4356.7	4572.9	4787.9	5069.8	5350.7	5709.8	6067.9	6437.5	6806.0	7275.8
12.5°	3741.8	3957.9	4147.9	4337.9	4566.6	4794.2	5141.8	5489.5	5923.8	6357.1	6809.2
15°	3293.9	3529.9	3757.5	3985.1	4234.6	4483.1	4821.3	5159.6	5634.6	6109.7	6629.6
17.5°	2752.1	3000.5	3278.3	3554.9	3880.7	4205.4	4638.6	5071.9	5634.6	6196.3	6809.2
20°	2187.2	2440.9	2772.9	3104.9	3510.0	3914.1	4475.8	5037.4	5795.4	6552.3	7334.3
22.5°	1725.8	1949.2	2311.5	2672.7	3140.4	3608.2	4328.5	5047.9	6038.7	7028.4	8083.9
25°	1399.0	1556.6	1912.7	2267.6	2807.4	3347.2	4238.8	5129.3	6392.6	7654.8	8964.0
27.5°	1198.5	1301.9	1633.9	1964.9	2554.7	3143.6	4202.2	5259.8	6841.5	8423.2	9921.4
30°	1098.3	1170.4	1451.2	1731.0	2330.3	2929.5	4158.4	5387.2	7273.8	9159.3	10670.0
32.5°	1014.8	1072.2	1312.3	1551.4	2136.1	2720.7	4073.8	5425.8	7575.5	9725.1	11303.7
35°	943.8	991.8	1200.6	1409.4	1983.7	2557.9	3931.8	5305.8	7764.4	10223.1	11963.5
37.5°	886.4	924.0	1117.1	1310.3	1852.1	2394.0	3770.0	5146.0	7932.5	10719.1	12705.8
40°	841.5	873.9	1054.5	1235.1	1726.8	2218.6	3631.1	5042.7	8164.3	11286.0	13489.9
42.5°	816.4	858.2	1000.2	1141.1	1607.8	2074.5	3519.4	4964.4	8379.4	11793.4	14175.8
45°	810.2	869.7	972.0	1074.3	1519.1	1963.8	3420.2	4875.6	8518.2	12160.9	14692.6
47.5°	799.7	848.8	950.1	1051.3	1475.2	1898.0	3367.0	4834.9	8657.1	12478.2	15121.7
50°	806.0	812.3	932.3	1051.3	1468.9	1886.6	3427.5	4968.5	8957.8	12946.0	15612.4
52.5°	794.5	767.4	898.9	1030.5	1467.9	1905.4	3601.9	5298.5	9516.3	13733.2	16143.8
55°	734.0	698.5	836.3	974.1	1446.0	1916.8	3809.7	5701.4	10265.9	14829.4	17099.1
57.5°	680.7	648.3	765.3	881.2	1379.2	1877.2	4023.7	6169.2	11058.4	15946.5	18175.5
60°	609.7	602.4	685.9	769.4	1275.8	1781.1	4200.1	6618.1	11590.8	16562.5	18590.0
62.5°	551.2	555.4	617.0	678.6	1146.3	1613.0	4258.6	6903.1	11576.2	16249.3	18172.4
65°	506.4	513.7	574.2	634.8	1035.7	1436.6	4066.5	6695.4	10990.5	15284.6	17346.6
67.5°	462.5	470.9	542.9	613.9	937.5	1260.1	3586.2	5911.3	9937.1	13961.8	16296.3
70°	420.7	431.2	509.5	587.8	866.5	1144.3	2967.1	4790.0	8618.5	12445.9	15080.0
72.5°	375.9	386.3	469.8	553.3	821.7	1088.9	2419.0	3748.1	6994.0	10238.8	12899.0
75°	329.9	337.2	428.1	517.8	760.1	1002.3	1898.0	2792.8	5352.7	7912.7	9742.9
77.5°	284.0	293.4	369.6	444.8	645.2	844.6	1430.3	2016.0	3927.6	5838.2	6775.8
80°	226.6	234.9	289.2	342.4	498.0	652.5	983.5	1314.4	2703.0	4091.6	4619.8
82.5°	173.3	182.7	219.2	254.7	355.0	455.2	596.1	737.1	1795.7	2853.3	2897.2
85°	119.0	122.2	148.3	173.3	219.2	265.2	341.4	417.6	1188.1	1958.6	1631.8
87.5°	59.5	59.5	77.3	95.0	118.0	140.9	180.6	219.2	380.0	540.8	311.1
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: P320761
 CATALOG NUMBER: GAN-SA7B-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: P320761

CATALOG NUMBER: GAN-SA7B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5
2.5°	8591.3	8667.5	8744.8	8803.3	8862.8	8948.4	9034.0	9049.6	9066.4	9032.9	8999.5
5°	8702.0	8932.7	9164.5	9378.5	9592.5	9721.0	9849.4	9875.5	9901.6	9821.2	9739.8
7.5°	8291.7	8693.6	9095.6	9464.1	9832.7	10056.1	10280.6	10330.7	10381.8	10250.3	10118.7
10°	7743.6	8237.4	8731.2	9216.7	9702.2	10026.9	10351.6	10416.3	10481.0	10317.1	10153.2
12.5°	7319.7	7846.9	8374.2	8885.7	9398.4	9734.5	10070.7	10151.1	10231.5	10112.5	9992.4
15°	7189.2	7685.1	8181.0	8626.8	9073.7	9348.2	9623.9	9656.2	9689.6	9670.8	9652.1
17.5°	7426.2	7874.1	8323.0	8565.2	8808.5	8918.1	9028.8	9064.3	9100.8	9147.8	9195.8
20°	8000.4	8315.7	8632.0	8621.6	8610.1	8556.9	8502.6	8493.2	8483.8	8618.5	8754.2
22.5°	8857.5	8982.8	9109.2	8815.8	8522.4	8343.9	8164.3	8128.8	8092.3	8235.3	8379.4
25°	9787.8	9764.8	9740.8	9182.2	8622.6	8282.3	7941.9	7902.3	7862.6	7984.7	8107.9
27.5°	10708.6	10558.3	10407.9	9648.9	8889.9	8396.1	7902.3	7862.6	7822.9	7931.5	8040.1
30°	11384.1	11142.9	10901.8	10042.5	9183.3	8596.5	8009.8	7945.1	7879.3	8012.9	8146.6
32.5°	11911.3	11587.7	11264.0	10362.0	9460.0	8825.2	8190.4	8089.1	7987.9	8166.4	8344.9
35°	12437.5	11982.3	11526.1	10647.0	9766.9	9095.6	8423.2	8299.0	8174.8	8420.1	8665.4
37.5°	13099.4	12445.9	11791.3	10967.5	10143.8	9500.7	8856.5	8729.1	8601.8	8913.9	9227.1
40°	13817.7	12946.0	12074.2	11318.3	10562.4	10061.3	9559.1	9438.0	9315.9	9695.9	10075.9
42.5°	14414.9	13411.6	12408.3	11741.2	11073.0	10720.1	10366.2	10365.1	10363.0	10748.3	11133.5
45°	14900.4	13800.0	12698.5	12153.5	11607.5	11423.8	11240.0	11387.2	11534.4	11882.1	12230.8
47.5°	15262.7	14125.7	12987.7	12625.5	12263.2	12290.3	12317.5	12617.1	12916.7	13140.2	13364.6
50°	15498.6	14421.2	13342.7	13231.0	13119.3	13362.5	13606.8	13950.3	14294.9	14447.3	14599.7
52.5°	15842.1	14822.1	13801.0	13926.3	14051.6	14548.6	15045.5	15393.2	15740.8	15797.2	15854.6
55°	16636.6	15559.2	14480.7	14720.8	14962.0	15690.7	16420.5	16691.9	16963.4	16984.3	17005.2
57.5°	17765.2	16591.7	15418.2	15677.2	15936.1	16777.6	17620.1	17912.4	18205.8	18165.1	18123.3
60°	18609.8	17572.1	16533.3	16794.3	17055.3	17875.9	18696.5	19032.7	19369.9	19280.1	19190.3
62.5°	18662.0	18107.7	17552.2	17788.2	18025.2	18829.1	19633.0	19978.6	20324.1	20167.5	20010.9
65°	17832.0	18080.5	18329.0	18407.3	18485.6	19235.2	19985.9	20250.0	20515.2	20435.8	20356.5
67.5°	16688.8	17604.4	18521.1	18363.4	18205.8	18557.6	18909.5	19182.0	19454.4	19409.6	19363.6
70°	15547.7	16770.2	17992.8	17218.1	16442.4	16297.3	16152.2	16445.6	16740.0	16558.3	16375.6
72.5°	13604.8	14907.7	16211.7	14784.5	13357.3	12861.4	12365.5	12738.2	13110.9	12821.7	12531.5
75°	10679.4	12119.1	13559.9	11857.0	10154.2	9492.3	8830.4	9150.9	9471.4	9273.1	9073.7
77.5°	7950.3	9369.1	10788.0	9057.0	7324.9	6833.2	6340.4	6435.4	6531.4	6498.0	6463.6
80°	5392.4	6381.1	7370.8	6218.2	5065.6	5103.2	5141.8	5097.0	5051.0	5117.8	5184.7
82.5°	3441.1	4204.3	4968.5	4356.7	3744.9	4095.7	4446.5	4274.3	4100.9	4164.6	4229.4
85°	1963.8	2710.3	3457.8	3222.9	2987.0	3191.6	3397.3	3130.0	2862.7	2979.7	3097.6
87.5°	517.8	1499.2	2481.7	2253.0	2024.4	1759.2	1494.0	1140.1	786.2	1148.4	1510.7
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: P320761
 CATALOG NUMBER: GAN-SA7B-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°	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5	7955.5
2.5°	8981.8	8964.0	8900.4	8835.6	8739.6	8660.2	8522.4
5°	9627.0	9514.2	9320.1	9124.8	8907.7	8658.1	8381.5
7.5°	9855.6	9591.5	9218.8	8845.0	8508.8	8114.2	7746.7
10°	9758.5	9362.9	8878.4	8393.0	7984.7	7530.6	7122.4
12.5°	9572.7	9152.0	8618.5	8083.9	7619.3	7131.8	6674.5
15°	9316.9	8980.7	8480.7	7980.6	7512.8	7038.8	6497.0
17.5°	9037.1	8877.4	8516.2	8153.9	7748.8	7289.4	6653.6
20°	8811.6	8870.1	8726.0	8581.9	8257.2	7856.3	7142.2
22.5°	8659.2	8940.0	9050.7	9162.4	8967.2	8654.0	7828.1
25°	8573.6	9039.2	9409.8	9781.5	9694.9	9453.7	8661.3
27.5°	8611.2	9182.2	9757.5	10333.8	10414.2	10347.4	9539.3
30°	8723.9	9302.3	10002.8	10704.4	11025.0	11114.7	10271.2
32.5°	8911.8	9478.7	10241.9	11006.2	11490.6	11776.7	10940.4
35°	9195.8	9726.2	10521.7	11317.3	11943.7	12465.7	11631.5
37.5°	9683.4	10139.6	10873.6	11608.6	12420.8	13204.9	12392.6
40°	10397.5	10720.1	11340.3	11961.4	12983.6	14042.2	13241.4
42.5°	11298.5	11464.5	11956.2	12448.0	13571.3	14802.3	14071.4
45°	12274.7	12318.5	12627.5	12937.6	14037.0	15320.1	14694.7
47.5°	13214.3	13063.9	13187.1	13310.3	14394.0	15689.7	15167.7
50°	14181.1	13762.4	13697.7	13632.9	14751.1	16125.0	15769.0
52.5°	15164.5	14474.4	14218.6	13961.8	15177.1	16702.4	16517.6
55°	16127.1	15249.1	14904.6	14560.0	15828.5	17407.1	17617.0
57.5°	17128.4	16133.4	15813.9	15494.4	16785.9	18299.8	18603.6
60°	18205.8	17220.2	16964.4	16707.6	17976.1	19264.4	19043.1
62.5°	19227.9	18444.9	18310.2	18174.5	19179.9	20005.7	18871.9
65°	19910.7	19463.8	19589.1	19715.5	20090.3	20190.5	18370.7
67.5°	19454.4	19545.3	20074.6	20605.0	20347.1	19641.3	17383.1
70°	16919.5	17464.5	18718.4	19973.3	19401.2	18170.3	15610.3
72.5°	13143.3	13756.1	15617.6	17480.2	16953.0	15445.4	12821.7
75°	9764.8	10457.0	12511.7	14566.3	13834.4	11553.2	9180.2
77.5°	6927.1	7390.7	9419.2	11448.8	10255.5	7690.3	6177.5
80°	5042.7	4900.7	6031.4	7162.0	6963.7	5086.5	3967.3
82.5°	3882.7	3536.1	4068.6	4601.0	4571.8	3529.9	2910.8
85°	2958.8	2819.9	3290.8	3761.6	3358.6	2390.8	1850.0
87.5°	1724.7	1939.8	2494.2	3049.6	2288.5	725.6	359.1
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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 CATALOG NUMBER: GAN-SA7B-827-U-SLR

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)