

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: P320263

Luminaire Tested: **GAN-SA9D-727-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320263
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-SA9D-727-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 70 CRI, 2700K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 50980 lumens
Efficiency: N/A
Efficacy: 88.7 lumens/watt
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B4 - U0 - G5

Input Watts (W): 575
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

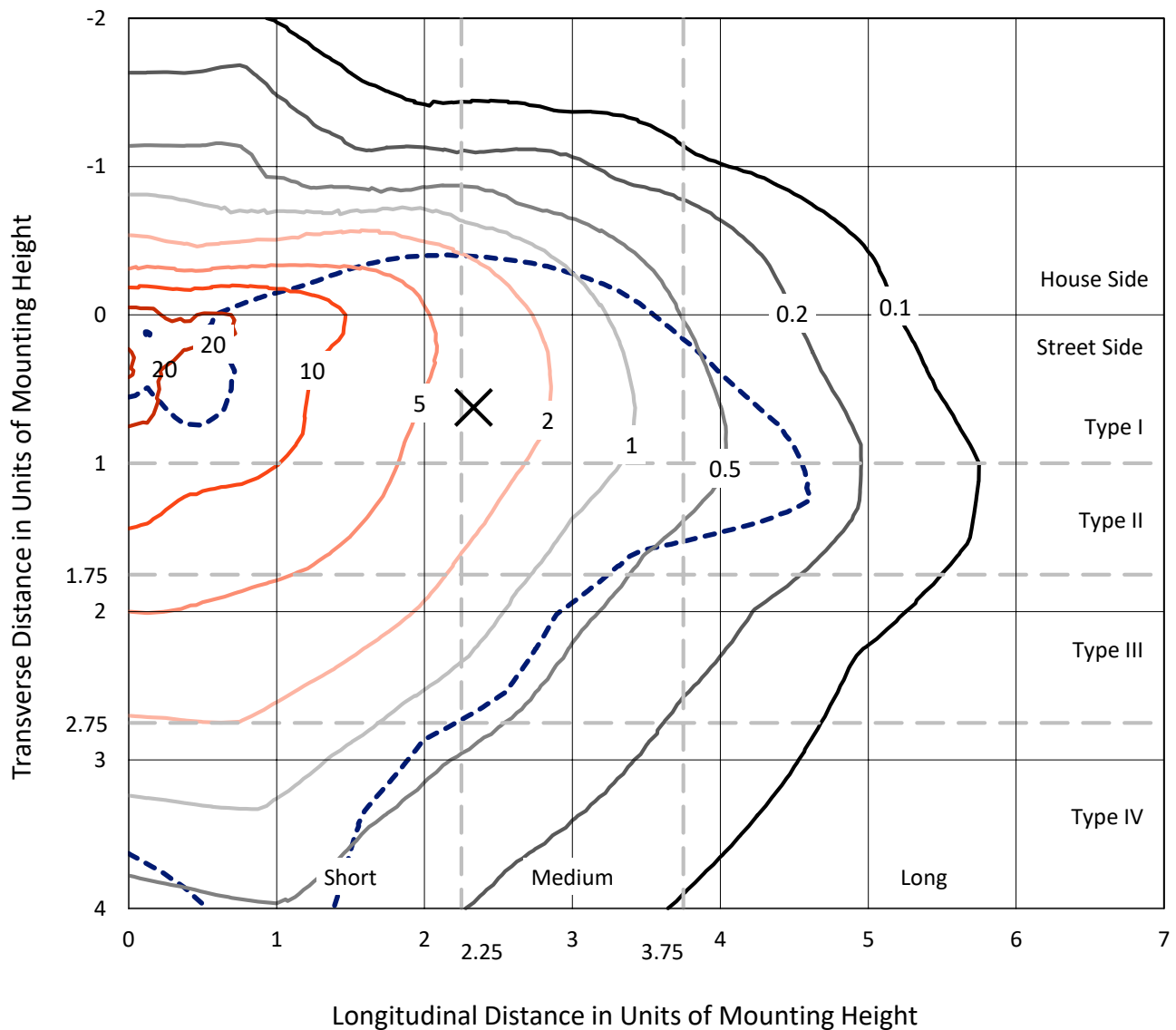


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Iso-Footcandle Lines of Horizontal Illumination

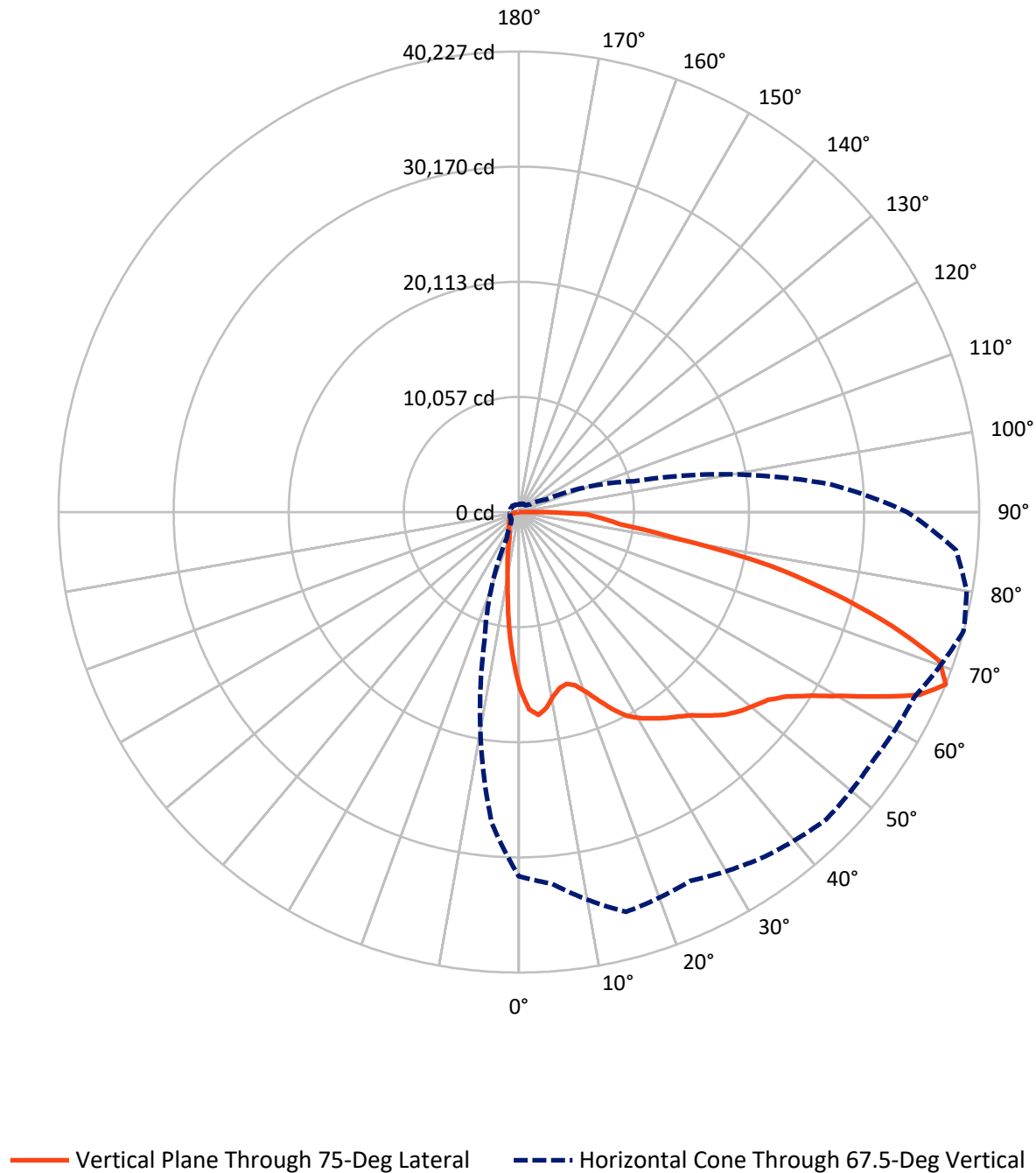
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 31.3 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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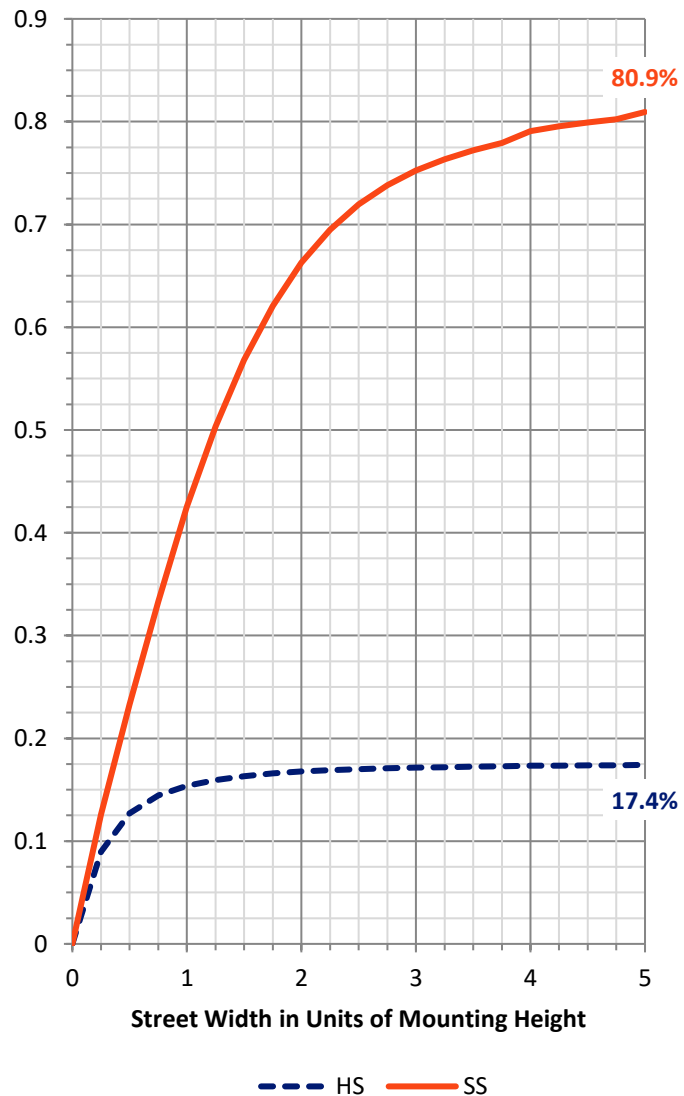
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8978.8	0.0	8978.8
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	42001.2	0.0	42001.2
	% Fixture	82.4	0.0	82.4
Total	Lumens	50980.0	0.0	50980.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1198.7	2.4
10°-20°	2490.1	4.9
20°-30°	3541.5	6.9
30°-40°	5103.3	10.0
40°-50°	7192.0	14.1
50°-60°	9998.1	19.6
60°-70°	12090.6	23.7
70°-80°	7431.9	14.6
80°-90°	1933.9	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°	50980.0	100.0
0°-180°	50980.0	100.0

Coefficient of Utilization



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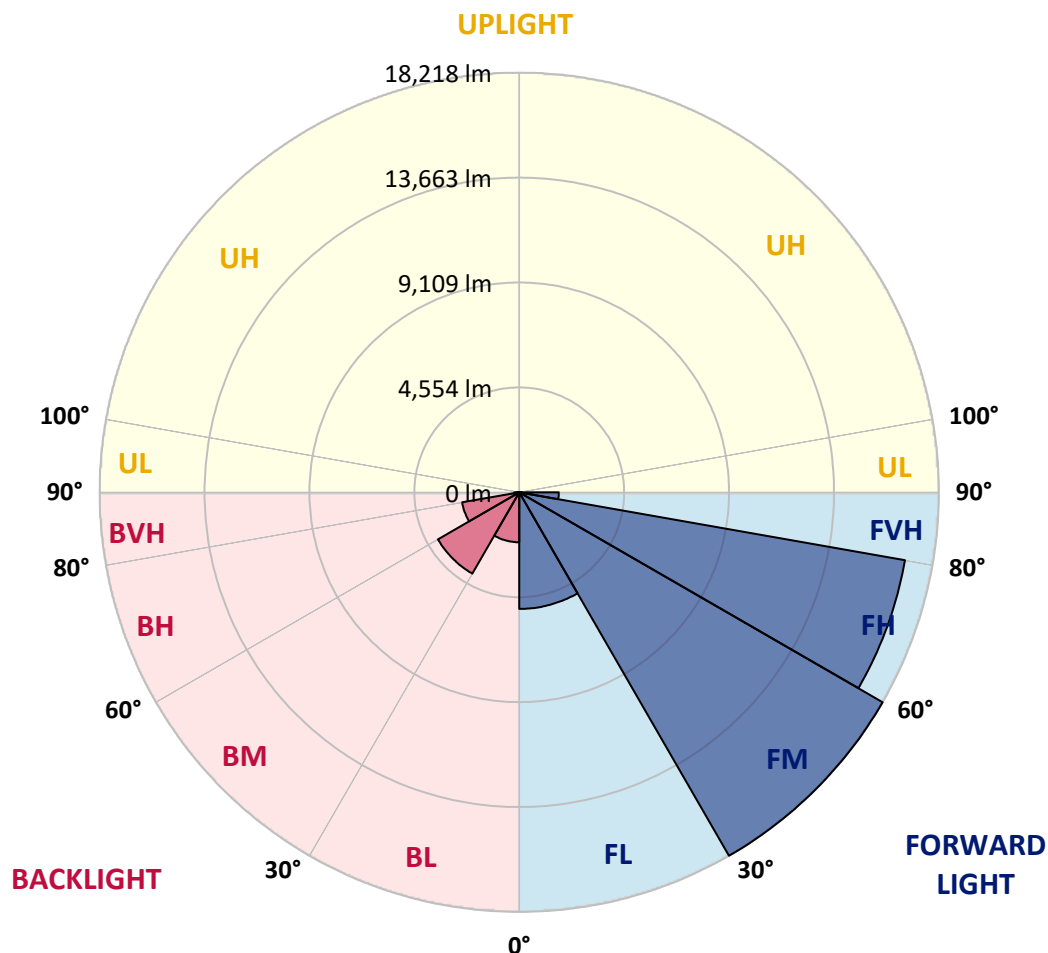
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	5061.8	9.9			
FM	(30°-60°)	18217.5	35.7			
FH	(60°-80°)	17005.2	33.4			G5
FVH	(80°-90°)	1716.6	3.4			G5
BL	(0°-30°)	2168.5	4.3	B3/2500		
BM	(30°-60°)	4075.7	8.0	B3/5000		
BH	(60°-80°)	2517.3	4.9	B4/5000		G4/5000
BVH	(80°-90°)	217.3	0.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5

Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3
2.5°	16554.5	16772.6	16923.4	17072.2	17188.4	17302.5	17469.7	17636.8	17669.4	17700.0	17634.7
5°	16456.7	16988.6	17441.1	17891.6	18309.4	18727.2	18977.9	19228.6	19279.6	19330.6	19173.6
7.5°	15402.9	16187.6	16972.3	17757.0	18476.5	19196.0	19634.2	20070.4	20170.3	20268.1	20011.3
10°	14204.4	15117.5	16081.6	17045.7	17993.5	18941.3	19575.1	20209.0	20335.4	20461.8	20141.8
12.5°	13293.3	14290.0	15319.3	16348.6	17349.4	18348.1	19004.4	19660.7	19817.7	19974.6	19742.3
15°	12942.7	14035.2	15003.4	15971.6	16843.9	17714.2	18252.3	18788.4	18853.6	18916.8	18880.1
17.5°	13293.3	14497.9	15374.4	16248.8	16723.7	17196.5	17412.6	17626.6	17697.9	17767.2	17861.0
20°	14318.6	15618.9	16236.5	16852.1	16831.7	16809.3	16705.3	16599.3	16581.0	16562.6	16827.6
22.5°	15782.0	17292.3	17539.0	17783.5	17210.8	16638.1	16289.5	15938.9	15869.6	15798.3	16079.6
25°	17500.2	19108.4	19063.5	19016.7	17926.2	16833.7	16169.3	15504.8	15427.3	15349.9	15590.4
27.5°	19369.3	20906.1	20612.6	20319.1	18837.3	17355.5	16391.4	15427.3	15349.9	15272.4	15484.4
30°	20830.7	22224.8	21754.0	21283.2	19605.7	17928.3	16782.8	15637.3	15510.9	15382.5	15643.4
32.5°	22067.9	23254.1	22622.3	21990.4	20229.4	18468.4	17229.1	15989.9	15792.2	15594.5	15943.0
35°	23356.1	24281.4	23392.7	22502.0	20785.8	19067.6	17757.0	16444.4	16201.9	15959.3	16438.3
37.5°	24805.2	25573.6	24297.7	23019.7	21411.6	19803.4	18547.9	17290.3	17041.6	16793.0	17404.4
40°	26335.9	26975.9	25274.0	23572.1	22096.4	20620.8	19642.4	18662.0	18425.6	18187.1	18929.0
42.5°	27675.1	28141.8	26183.1	24224.3	22921.9	21617.4	20928.5	20237.6	20235.5	20231.4	20983.6
45°	28684.0	29089.6	26941.3	24791.0	23727.0	22661.0	22302.3	21943.6	22231.0	22518.3	23199.1
47.5°	29521.7	29796.9	27577.2	25355.6	24648.3	23941.0	23994.0	24047.0	24632.0	25217.0	25655.2
50°	30479.7	30257.5	28154.0	26048.6	25830.5	25612.4	26089.3	26564.2	27236.8	27907.4	28205.0
52.5°	31517.1	30928.1	28936.7	26943.3	27187.9	27432.5	28402.7	29372.9	30051.6	30730.4	30842.5
55°	33382.1	32479.2	30375.7	28270.2	28741.1	29209.8	30634.6	32057.2	32587.2	33117.1	33157.9
57.5°	35483.5	34682.5	32391.5	30100.5	30606.0	31111.5	32756.4	34399.2	34971.9	35542.6	35463.1
60°	36292.7	36331.4	34305.4	32277.4	32786.9	33296.5	34898.5	36500.6	37158.9	37815.2	37640.0
62.5°	35477.4	36433.3	35351.0	34266.7	34729.4	35190.0	36759.4	38328.9	39003.5	39678.2	39372.4
65°	33865.2	34812.9	35298.0	35783.1	35936.0	36088.9	37554.3	39017.8	39535.5	40051.2	39896.3
67.5°	31814.7	32581.1	34370.6	36158.2	35850.4	35542.6	36229.5	36916.4	37448.4	37980.3	37892.7
70°	29440.2	30353.3	32740.1	35126.8	33614.5	32100.0	31816.7	31533.4	32108.2	32680.9	32326.3
72.5°	25182.3	26560.1	29105.9	31649.6	28863.3	26077.1	25108.9	24140.8	24868.4	25596.1	25031.5
75°	19020.7	20849.0	23661.8	26472.5	23148.2	19823.8	18531.6	17239.3	17865.1	18490.8	18103.5
77.5°	13228.1	15521.1	18291.1	21061.0	17681.6	14300.2	13340.2	12378.2	12565.7	12751.2	12685.9
80°	9019.2	10527.4	12459.7	14389.9	12139.7	9889.5	9964.9	10038.3	9950.6	9860.9	9991.4
82.5°	5656.1	6718.0	8210.0	9699.9	8505.5	7311.1	7996.0	8680.8	8344.5	8006.2	8132.5
85°	3185.8	3833.9	5293.3	6750.6	6292.0	5831.4	6232.9	6632.4	6110.6	5588.8	5819.1
87.5°	607.4	1011.0	2928.9	4844.9	4398.5	3952.1	3434.4	2916.7	2225.7	1534.8	2242.1
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



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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°	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3
2.5°	17569.5	17534.9	17500.2	17375.9	17249.5	17062.0	16907.1	16638.1	16491.3	16269.1	16047.0
5°	19014.6	18794.5	18574.4	18195.3	17814.1	17390.2	16903.0	16362.9	15955.2	15425.3	14895.4
7.5°	19754.5	19240.9	18725.2	17997.6	17267.9	16611.6	15841.1	15123.7	14512.2	13823.3	13134.3
10°	19821.8	19051.3	18278.8	17333.1	16385.3	15588.4	14701.7	13904.8	13171.0	12380.2	11587.3
12.5°	19507.9	18688.5	17867.1	16825.6	15782.0	14877.0	13923.1	13030.4	12217.1	11346.8	10474.5
15°	18843.4	18189.1	17532.8	16556.5	15580.2	14667.1	13741.7	12683.9	11764.7	10873.9	9981.2
17.5°	17952.7	17642.9	17331.1	16625.8	15918.6	15127.7	14230.9	12989.6	11913.4	10945.3	9977.1
20°	17090.5	17204.7	17316.8	17035.5	16754.2	16120.3	15337.7	13943.5	12569.8	11304.0	10036.2
22.5°	16358.8	16907.1	17453.3	17671.4	17887.5	17506.3	16894.9	15282.6	13464.5	11811.5	10158.5
25°	15828.9	16737.9	17647.0	18372.6	19096.2	18927.0	18456.2	16909.1	14650.8	12543.3	10433.7
27.5°	15696.4	16811.3	17926.2	19051.3	20174.4	20331.3	20200.9	18623.3	16065.3	13452.3	10837.3
30°	15904.3	17033.5	18160.6	19530.3	20897.9	21523.7	21699.0	20052.1	17681.6	14512.2	11340.7
32.5°	16291.6	17398.3	18505.1	19997.1	21487.0	22432.7	22991.2	21358.6	18808.8	15311.2	11811.5
35°	16917.3	17952.7	18988.1	20541.3	22094.4	23317.3	24336.4	22707.9	19809.5	15869.6	11927.7
37.5°	18013.9	18904.6	19795.3	21230.2	22663.1	24248.8	25779.5	24193.8	20891.8	16407.7	11921.6
40°	19670.9	20300.7	20928.5	22141.3	23352.0	25347.4	27414.2	25850.8	22088.3	16990.7	11893.1
42.5°	21735.7	22059.7	22381.8	23341.8	24301.8	26494.9	28898.0	27471.2	23229.7	17532.8	11836.0
45°	23877.8	23963.4	24049.0	24654.4	25257.7	27404.0	29909.0	28688.1	24226.4	18003.7	11778.9
47.5°	26091.4	25797.8	25504.3	25744.9	25985.4	28101.0	30630.5	29611.4	25227.1	18525.5	11821.7
50°	28502.6	27685.2	26867.9	26741.5	26615.2	28798.1	31480.4	30785.4	26429.7	19285.7	12141.7
52.5°	30952.5	29605.3	28258.0	27758.6	27257.2	29629.7	32607.6	32246.8	28145.9	20463.8	12779.7
55°	33198.7	31484.5	29770.4	29097.7	28425.1	30901.6	33983.4	34393.1	30345.1	21970.1	13592.9
57.5°	35381.6	33439.2	31496.7	30873.0	30249.3	32770.6	35726.1	36319.2	32566.8	23415.2	14261.5
60°	37464.7	35542.6	33618.5	33119.2	32617.8	35094.2	37609.4	37177.3	33712.3	24091.9	14469.4
62.5°	39066.7	37538.0	36009.4	35746.4	35481.5	37444.3	39056.5	36843.0	32984.6	23425.4	13866.1
65°	39741.4	38871.0	37998.7	38245.3	38489.9	39221.6	39417.3	35864.7	30697.7	21558.3	12418.9
67.5°	37803.0	37980.3	38157.7	39193.1	40226.5	39723.0	38345.2	33936.5	27442.7	18912.7	10382.7
70°	31969.6	33033.6	34095.5	36545.4	38993.3	37876.4	35473.3	30475.6	23525.2	15865.6	8203.9
72.5°	24464.8	25661.3	26855.7	30491.9	34126.0	33096.7	30153.5	25031.5	18861.8	12669.6	6475.4
75°	17714.2	19065.6	20414.9	24426.1	28437.4	27008.6	22555.0	17922.1	14326.7	9671.4	5014.0
77.5°	12618.7	13523.6	14428.6	18390.9	22351.2	20023.5	15013.6	12060.2	9916.0	6722.1	3526.1
80°	10121.8	9844.6	9567.4	11774.8	13982.2	13595.0	9930.2	7745.3	6862.7	4504.5	2146.3
82.5°	8256.9	7580.2	6903.5	7943.0	8982.5	8925.4	6891.2	5682.6	5107.8	3130.7	1153.6
85°	6047.4	5776.3	5505.3	6424.5	7343.7	6559.0	4667.5	3611.7	3982.7	2305.2	627.8
87.5°	2949.3	3369.2	3787.0	4871.4	5953.7	4469.8	1416.6	701.2	970.2	638.0	303.7
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: P320263
 CATALOG NUMBER: GAN-SA9D-727-U-SLL

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P320263

CATALOG NUMBER: GAN-SA9D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3
2.5°	15881.9	15714.7	15525.2	15335.6	15119.6	14901.5	14773.1	14642.6	14502.0	14361.4	14202.4
5°	14544.8	14194.2	13796.8	13399.3	13005.9	12612.6	12400.6	12188.6	11964.4	11738.2	11542.5
7.5°	12624.8	12113.2	11562.9	11010.5	10521.3	10030.1	9726.4	9420.7	9143.5	8864.3	8629.9
10°	10935.1	10282.9	9730.5	9176.1	8807.2	8438.3	8159.0	7879.8	7610.7	7339.7	7080.8
12.5°	9822.2	9170.0	8819.4	8468.8	8163.1	7857.4	7535.3	7211.2	6842.3	6471.4	6200.3
15°	9388.1	8795.0	8405.7	8014.3	7604.6	7192.9	6797.5	6402.1	5965.9	5529.7	5221.9
17.5°	9200.6	8424.0	7879.8	7333.5	6793.4	6253.3	5794.7	5336.1	4859.1	4382.2	4070.3
20°	9002.9	7969.5	7239.8	6508.1	5815.1	5122.1	4602.3	4082.6	3656.6	3230.6	2992.1
22.5°	8823.5	7486.4	6571.2	5654.0	4834.7	4015.3	3505.8	2994.2	2733.3	2472.4	2376.6
25°	8750.1	7064.5	5939.4	4814.3	3950.1	3083.8	2721.0	2358.2	2258.4	2156.4	2107.5
27.5°	8762.3	6687.4	5407.4	4125.4	3346.8	2568.2	2319.5	2070.8	2009.7	1946.5	1915.9
30°	8809.2	6277.7	4906.0	3534.3	2892.2	2250.2	2089.2	1926.1	1860.9	1795.7	1757.0
32.5°	8862.2	5910.9	4518.8	3124.6	2600.8	2074.9	1942.4	1807.9	1744.7	1681.5	1642.8
35°	8770.5	5611.2	4253.8	2896.3	2413.3	1928.2	1816.1	1701.9	1632.6	1563.3	1526.6
37.5°	8615.6	5309.6	4047.9	2784.2	2291.0	1795.7	1714.1	1630.6	1559.2	1485.9	1451.2
40°	8475.0	5054.8	3895.1	2733.3	2223.7	1712.1	1642.8	1573.5	1500.1	1424.7	1384.0
42.5°	8360.8	4883.6	3744.2	2604.9	2162.6	1718.2	1620.4	1520.5	1449.2	1377.8	1333.0
45°	8275.2	4771.5	3626.0	2480.5	2105.5	1730.5	1606.1	1481.8	1410.5	1337.1	1284.1
47.5°	8267.1	4712.4	3542.4	2372.5	1997.5	1620.4	1569.4	1518.5	1414.5	1308.5	1247.4
50°	8379.2	4616.6	3444.6	2270.6	1893.5	1516.4	1585.7	1653.0	1475.7	1296.3	1218.9
52.5°	8613.6	4447.4	3289.7	2132.0	1767.1	1400.3	1508.3	1614.3	1461.4	1306.5	1206.6
55°	8896.9	4198.7	3055.3	1909.8	1600.0	1288.2	1384.0	1477.7	1381.9	1284.1	1163.8
57.5°	9074.2	3884.9	2759.8	1634.7	1412.5	1190.3	1245.4	1298.4	1259.6	1220.9	1098.6
60°	8968.2	3467.0	2427.5	1386.0	1247.4	1108.8	1098.6	1086.4	1143.4	1200.5	1059.9
62.5°	8450.5	3034.9	2134.0	1233.1	1129.2	1023.2	1000.8	976.3	1070.1	1161.8	1013.0
65°	7576.1	2733.3	1948.5	1163.8	1047.6	931.5	907.0	882.6	911.1	939.6	870.3
67.5°	6465.3	2547.8	1842.6	1137.3	996.7	854.0	825.5	796.9	790.8	784.7	760.3
70°	5319.8	2433.6	1773.3	1112.9	941.7	768.4	741.9	715.4	707.3	697.1	678.7
72.5°	4447.4	2419.4	1765.1	1110.8	896.8	682.8	658.3	633.9	623.7	611.5	597.2
75°	3642.3	2270.6	1675.4	1080.3	835.7	589.0	566.6	544.2	536.1	525.9	513.6
77.5°	2702.7	1879.2	1408.4	937.6	715.4	493.3	470.8	446.4	444.3	440.3	430.1
80°	1752.9	1359.5	1006.9	654.3	521.8	387.3	368.9	348.5	350.6	352.6	344.5
82.5°	974.3	792.9	615.5	438.2	356.7	275.2	267.0	256.8	262.9	267.0	256.8
85°	513.6	399.5	330.2	260.9	205.9	150.8	150.8	148.8	156.9	165.1	156.9
87.5°	222.2	140.6	120.3	97.8	55.0	10.2	12.2	12.2	16.3	20.4	18.3
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: P320263
 CATALOG NUMBER: GAN-SA9D-727-U-SLL

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P320263

CATALOG NUMBER: GAN-SA9D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3
2.5°	14041.4	13892.6	13741.7	13576.6	13607.2	13480.8	13354.5	13275.0	13195.5	13171.0	13146.6
5°	11346.8	11177.6	11006.4	10853.6	10986.0	10896.4	10806.7	10794.5	10780.2	10780.2	10778.1
7.5°	8395.5	8214.1	8030.6	7904.2	8034.7	8018.4	8002.1	8089.7	8177.4	8248.7	8318.0
10°	6821.9	6601.8	6379.7	6192.1	6159.5	6065.8	5970.0	5990.4	6008.7	6086.1	6163.6
12.5°	5929.2	5666.3	5403.3	5183.2	5083.3	4928.4	4771.5	4673.7	4575.8	4586.0	4594.2
15°	4912.1	4657.4	4400.5	4211.0	4147.8	4027.5	3907.3	3785.0	3660.7	3609.7	3556.7
17.5°	3756.5	3552.6	3346.8	3220.4	3220.4	3185.8	3151.1	3090.0	3026.8	2975.8	2922.8
20°	2753.6	2645.6	2535.6	2482.6	2498.9	2500.9	2500.9	2531.5	2562.1	2545.7	2529.4
22.5°	2278.7	2240.0	2201.3	2178.9	2187.0	2189.1	2191.1	2219.6	2246.1	2266.5	2284.9
25°	2056.6	2032.1	2007.7	1999.5	2017.8	2019.9	2019.9	2038.2	2056.6	2077.0	2097.3
27.5°	1883.3	1873.1	1862.9	1848.7	1867.0	1867.0	1865.0	1885.4	1903.7	1922.0	1938.4
30°	1718.2	1722.3	1724.3	1720.3	1732.5	1740.6	1746.8	1761.0	1773.3	1787.5	1801.8
32.5°	1602.0	1595.9	1589.8	1585.7	1612.2	1626.5	1640.8	1655.0	1667.3	1673.4	1679.5
35°	1489.9	1475.7	1461.4	1451.2	1475.7	1494.0	1512.4	1538.9	1563.3	1567.4	1571.5
37.5°	1414.5	1396.2	1377.8	1365.6	1375.8	1384.0	1392.1	1420.6	1449.2	1465.5	1479.8
40°	1343.2	1324.8	1306.5	1296.3	1302.4	1304.5	1306.5	1320.8	1333.0	1363.6	1392.1
42.5°	1286.1	1263.7	1241.3	1229.1	1233.1	1237.2	1239.2	1237.2	1235.2	1263.7	1292.2
45°	1229.1	1204.6	1180.1	1165.9	1167.9	1167.9	1167.9	1163.8	1157.7	1172.0	1186.2
47.5°	1184.2	1155.7	1127.1	1112.9	1108.8	1104.7	1100.6	1098.6	1094.5	1104.7	1112.9
50°	1139.4	1108.8	1076.2	1059.9	1049.7	1045.6	1041.5	1039.5	1035.4	1045.6	1053.8
52.5°	1104.7	1068.0	1031.3	1004.8	994.7	988.5	982.4	984.5	984.5	988.5	990.6
55°	1043.6	1011.0	976.3	958.0	939.6	935.5	931.5	937.6	941.7	941.7	941.7
57.5°	976.3	945.7	913.1	900.9	884.6	884.6	882.6	890.7	896.8	900.9	905.0
60°	917.2	882.6	847.9	837.7	831.6	829.6	827.5	837.7	845.9	854.0	862.2
62.5°	862.2	825.5	788.8	776.6	774.5	776.6	776.6	786.8	794.9	803.1	811.2
65°	801.0	764.3	725.6	713.4	717.5	723.6	729.7	737.8	744.0	752.1	760.3
67.5°	733.8	703.2	670.6	658.3	660.4	668.5	676.7	682.8	686.9	695.0	703.2
70°	660.4	633.9	607.4	599.2	597.2	607.4	615.5	619.6	623.7	633.9	642.0
72.5°	580.9	558.5	536.1	529.9	532.0	538.1	544.2	550.3	554.4	564.6	572.7
75°	499.4	479.0	458.6	454.5	458.6	464.7	470.8	474.9	479.0	491.2	501.4
77.5°	419.9	397.5	373.0	371.0	377.1	383.2	387.3	393.4	399.5	415.8	432.1
80°	336.3	311.8	285.4	283.3	289.4	295.5	301.7	307.8	313.9	334.3	352.6
82.5°	246.6	218.1	189.6	185.5	205.9	212.0	218.1	228.3	236.4	254.8	273.1
85°	148.8	120.3	91.7	89.7	108.0	118.2	128.4	140.6	150.8	167.1	183.4
87.5°	16.3	8.2	0.0	0.0	2.0	10.2	18.3	28.5	38.7	55.0	69.3
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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 CATALOG NUMBER: GAN-SA9D-727-U-SLL

CANDELA DISTRIBUTION (continued):

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

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CATALOG NUMBER: GAN-SA9D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3
2.5°	13056.9	12965.2	13058.9	13150.6	13189.4	13228.1	13128.2	13026.3	13185.3	13342.2	13383.0
5°	10696.6	10613.1	10676.2	10737.4	10600.8	10464.3	10450.0	10433.7	10551.9	10670.1	10688.5
7.5°	8291.5	8265.0	8324.1	8383.2	8210.0	8034.7	7949.1	7863.5	7892.0	7920.6	7916.5
10°	6181.9	6198.3	6271.6	6343.0	6208.4	6073.9	6014.8	5955.7	6020.9	6084.1	6143.2
12.5°	4630.9	4665.5	4743.0	4818.4	4763.3	4706.3	4712.4	4718.5	4793.9	4867.3	4932.5
15°	3597.5	3638.2	3693.3	3746.3	3748.3	3748.3	3801.3	3852.3	3846.1	3840.0	3884.9
17.5°	2977.9	3030.8	3037.0	3043.1	3045.1	3047.2	3043.1	3039.0	3008.4	2977.9	3012.5
20°	2549.8	2568.2	2584.5	2598.7	2580.4	2560.0	2509.1	2458.1	2437.7	2417.3	2449.9
22.5°	2319.5	2352.1	2335.8	2317.5	2280.8	2242.1	2203.3	2162.6	2160.5	2156.4	2174.8
25°	2125.9	2152.4	2123.8	2095.3	2068.8	2042.3	2015.8	1989.3	1987.3	1985.2	1993.4
27.5°	1964.9	1989.3	1962.8	1936.3	1913.9	1891.5	1871.1	1850.7	1846.6	1842.6	1844.6
30°	1826.3	1848.7	1826.3	1801.8	1785.5	1767.1	1752.9	1738.6	1736.6	1734.5	1734.5
32.5°	1701.9	1724.3	1708.0	1691.7	1677.5	1663.2	1653.0	1642.8	1632.6	1622.4	1600.0
35°	1593.9	1616.3	1606.1	1593.9	1577.6	1561.3	1542.9	1522.6	1496.1	1467.5	1455.3
37.5°	1502.2	1524.6	1514.4	1504.2	1481.8	1459.4	1426.8	1392.1	1384.0	1373.8	1371.7
40°	1428.8	1463.4	1443.1	1420.6	1386.0	1351.3	1335.0	1318.7	1314.7	1310.6	1306.5
42.5°	1347.3	1400.3	1363.6	1326.9	1294.3	1261.7	1257.6	1253.5	1251.5	1249.4	1249.4
45°	1245.4	1302.4	1265.7	1227.0	1208.7	1190.3	1190.3	1190.3	1192.4	1192.4	1196.4
47.5°	1149.6	1184.2	1165.9	1147.5	1137.3	1127.1	1129.2	1131.2	1137.3	1141.4	1151.6
50°	1068.0	1080.3	1084.3	1086.4	1080.3	1074.1	1078.2	1080.3	1086.4	1090.5	1098.6
52.5°	1008.9	1027.3	1027.3	1025.2	1025.2	1025.2	1029.3	1033.4	1039.5	1045.6	1053.8
55°	970.2	996.7	988.5	980.4	982.4	982.4	986.5	990.6	996.7	1000.8	1013.0
57.5°	933.5	962.0	953.9	945.7	945.7	945.7	947.8	949.8	955.9	960.0	968.2
60°	890.7	919.2	911.1	900.9	902.9	905.0	907.0	907.0	911.1	913.1	913.1
62.5°	839.7	868.3	860.1	849.9	856.1	860.1	860.1	860.1	864.2	866.2	860.1
65°	786.8	813.3	805.1	796.9	805.1	811.2	815.3	817.3	815.3	813.3	807.1
67.5°	729.7	756.2	748.0	737.8	748.0	756.2	764.3	770.5	764.3	758.2	750.1
70°	668.5	695.0	684.8	674.7	684.8	695.0	703.2	711.3	703.2	695.0	693.0
72.5°	603.3	633.9	621.7	609.4	621.7	633.9	638.0	642.0	635.9	629.8	625.7
75°	532.0	562.6	552.4	540.1	550.3	560.5	562.6	564.6	564.6	562.6	550.3
77.5°	456.6	481.0	474.9	468.8	474.9	481.0	481.0	481.0	483.1	483.1	466.8
80°	366.9	381.1	383.2	385.2	387.3	389.3	387.3	385.2	381.1	377.1	366.9
82.5°	273.1	273.1	289.4	303.7	303.7	301.7	299.6	295.5	287.4	277.2	254.8
85°	173.2	163.1	189.6	214.0	214.0	212.0	207.9	201.8	185.5	167.1	148.8
87.5°	59.1	48.9	75.4	101.9	103.9	103.9	99.9	95.8	79.5	61.1	46.9
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-SA9D-727-U-SLL

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P320263

CATALOG NUMBER: GAN-SA9D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3
2.5°	13444.2	13470.6	13495.1	13694.9	13892.6	14124.9	14357.3	14534.6	14709.9	14891.3	15072.7
5°	10751.7	10784.3	10816.9	11059.4	11299.9	11624.0	11948.1	12227.3	12506.6	12834.7	13162.9
7.5°	7969.5	8040.8	8110.1	8369.0	8625.8	8974.3	9320.8	9685.7	10048.5	10476.5	10904.5
10°	6259.4	6393.9	6526.4	6791.4	7056.3	7400.8	7743.2	8124.4	8505.5	8927.4	9347.3
12.5°	5067.0	5246.4	5423.7	5741.7	6059.7	6471.4	6881.1	7305.0	7726.9	8097.9	8468.8
15°	4003.1	4198.7	4392.4	4728.7	5065.0	5517.5	5967.9	6430.6	6891.2	7335.6	7779.9
17.5°	3122.6	3283.6	3442.6	3727.9	4011.2	4449.5	4887.7	5372.8	5857.9	6400.0	6940.2
20°	2519.2	2586.5	2653.8	2859.6	3063.5	3420.1	3774.8	4270.1	4765.4	5413.5	6061.7
22.5°	2207.4	2242.1	2274.7	2374.5	2472.4	2702.7	2931.0	3369.2	3805.4	4512.6	5217.9
25°	2019.9	2046.4	2072.9	2138.1	2203.3	2313.4	2423.5	2731.2	3039.0	3734.0	4427.0
27.5°	1850.7	1891.5	1930.2	1960.8	1989.3	2064.7	2138.1	2339.9	2541.7	3189.8	3835.9
30°	1728.4	1742.7	1757.0	1803.8	1848.7	1926.1	2003.6	2144.2	2284.9	2833.1	3379.4
32.5°	1585.7	1606.1	1626.5	1675.4	1724.3	1795.7	1867.0	1981.2	2093.3	2562.1	3028.8
35°	1457.3	1477.7	1498.1	1547.0	1593.9	1671.3	1746.8	1842.6	1936.3	2344.0	2751.6
37.5°	1377.8	1398.2	1418.6	1461.4	1502.2	1579.6	1655.0	1730.5	1803.8	2180.9	2558.0
40°	1310.6	1331.0	1351.3	1392.1	1430.8	1506.3	1579.6	1642.8	1706.0	2058.6	2411.2
42.5°	1251.5	1273.9	1296.3	1337.1	1375.8	1443.1	1510.3	1593.9	1675.4	1952.6	2227.8
45°	1202.6	1225.0	1245.4	1290.2	1335.0	1400.3	1465.5	1581.7	1697.8	1897.6	2097.3
47.5°	1157.7	1182.2	1204.6	1253.5	1302.4	1384.0	1463.4	1561.3	1657.1	1854.8	2052.5
50°	1114.9	1143.4	1172.0	1231.1	1288.2	1424.7	1559.2	1573.5	1585.7	1820.1	2052.5
52.5°	1074.1	1106.8	1139.4	1212.7	1284.1	1443.1	1602.0	1551.1	1498.1	1754.9	2011.7
55°	1033.4	1061.9	1088.4	1178.1	1267.8	1384.0	1500.1	1432.9	1363.6	1632.6	1901.7
57.5°	978.3	1008.9	1037.5	1133.3	1229.1	1310.6	1390.1	1328.9	1265.7	1494.0	1720.3
60°	921.3	955.9	990.6	1112.9	1233.1	1218.9	1202.6	1190.3	1176.1	1339.1	1502.2
62.5°	870.3	907.0	943.7	1102.7	1261.7	1163.8	1066.0	1076.2	1084.3	1204.6	1324.8
65°	819.4	856.1	890.7	970.2	1049.7	1011.0	972.2	988.5	1002.8	1121.0	1239.2
67.5°	762.3	794.9	825.5	852.0	878.5	882.6	886.6	902.9	919.2	1059.9	1198.5
70°	699.1	725.6	752.1	770.5	786.8	794.9	801.0	821.4	841.8	994.7	1147.5
72.5°	627.8	650.2	670.6	686.9	703.2	709.3	713.4	733.8	754.1	917.2	1080.3
75°	550.3	568.7	585.0	599.2	613.5	621.7	629.8	644.1	658.3	835.7	1011.0
77.5°	464.7	483.1	499.4	511.6	521.8	529.9	536.1	554.4	572.7	721.5	868.3
80°	362.8	385.2	405.6	415.8	424.0	426.0	426.0	442.3	458.6	564.6	668.5
82.5°	256.8	281.3	303.7	311.8	320.0	320.0	320.0	338.3	356.7	428.0	497.3
85°	150.8	177.3	201.8	209.9	218.1	222.2	224.2	232.4	238.5	289.4	338.3
87.5°	46.9	69.3	89.7	93.8	97.8	106.0	114.1	116.2	116.2	150.8	185.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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

REPORT NUMBER: P320263

CATALOG NUMBER: GAN-SA9D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3	15531.3
2.5°	15280.6	15488.5	15731.0	15971.6	16177.4	16383.3	16554.5
5°	13580.7	13998.5	14510.1	15019.7	15474.2	15928.8	16456.7
7.5°	11444.6	11984.8	12647.2	13309.6	13951.7	14591.7	15402.9
10°	9897.6	10445.9	11147.1	11846.2	12567.7	13287.2	14204.4
12.5°	8915.2	9359.5	10038.3	10717.0	11564.9	12410.8	13293.3
15°	8267.1	8752.2	9412.5	10072.9	11000.3	11927.7	12942.7
17.5°	7576.1	8210.0	9055.8	9901.7	11000.3	12096.9	13293.3
20°	6852.5	7641.3	8737.9	9834.4	11314.2	12791.9	14318.6
22.5°	6131.0	7044.1	8450.5	9854.8	11789.1	13721.3	15782.0
25°	5480.8	6534.6	8275.2	10013.8	12480.1	14944.3	17500.2
27.5°	4987.5	6137.1	8203.9	10268.6	13356.5	16444.4	19369.3
30°	4549.3	5719.3	8118.3	10517.3	14200.3	17881.4	20830.7
32.5°	4170.2	5311.6	7953.2	10592.7	14789.4	18986.1	22067.9
35°	3872.6	4993.7	7676.0	10358.3	15158.3	19958.3	23356.1
37.5°	3615.8	4673.7	7360.0	10046.4	15486.5	20926.5	24805.2
40°	3371.2	4331.2	7089.0	9844.6	15938.9	22033.2	26335.9
42.5°	3138.9	4050.0	6870.9	9691.8	16358.8	23023.8	27675.1
45°	2965.6	3833.9	6677.2	9518.5	16629.9	23741.3	28684.0
47.5°	2880.0	3705.5	6573.3	9439.0	16901.0	24360.9	29521.7
50°	2867.8	3683.1	6691.5	9699.9	17488.0	25274.0	30479.7
52.5°	2865.7	3719.8	7031.9	10344.0	18578.4	26810.8	31517.1
55°	2822.9	3742.2	7437.5	11130.8	20041.9	28951.0	33382.1
57.5°	2692.5	3664.7	7855.3	12043.9	21588.9	31131.9	35483.5
60°	2490.7	3477.2	8199.8	12920.3	22628.4	32334.4	36292.7
62.5°	2238.0	3149.1	8313.9	13476.8	22599.9	31723.0	35477.4
65°	2021.9	2804.6	7938.9	13071.2	21456.4	29839.7	33865.2
67.5°	1830.3	2460.1	7001.3	11540.4	19399.9	27257.2	31814.7
70°	1691.7	2233.9	5792.6	9351.4	16825.6	24297.7	29440.2
72.5°	1604.1	2125.9	4722.6	7317.2	13654.1	19988.9	25182.3
75°	1483.8	1956.7	3705.5	5452.3	10450.0	15447.7	19020.7
77.5°	1259.6	1648.9	2792.4	3935.8	7667.8	11397.8	13228.1
80°	972.2	1273.9	1920.0	2566.1	5277.0	7987.8	9019.2
82.5°	693.0	888.7	1163.8	1439.0	3505.8	5570.5	5656.1
85°	428.0	517.7	666.5	815.3	2319.5	3823.7	3185.8
87.5°	230.3	275.2	352.6	428.0	741.9	1055.8	607.4
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



REPORT NUMBER: P320263
 CATALOG NUMBER: GAN-SA9D-727-U-SLL

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)