

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: P320283

Luminaire Tested: **GAN-SA9B-730-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320283
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-SA9B-730-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 70 CRI, 3000K, 800mA 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: 40887 lumens
Efficiency: N/A
Efficacy: 109.3 lumens/watt
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G5

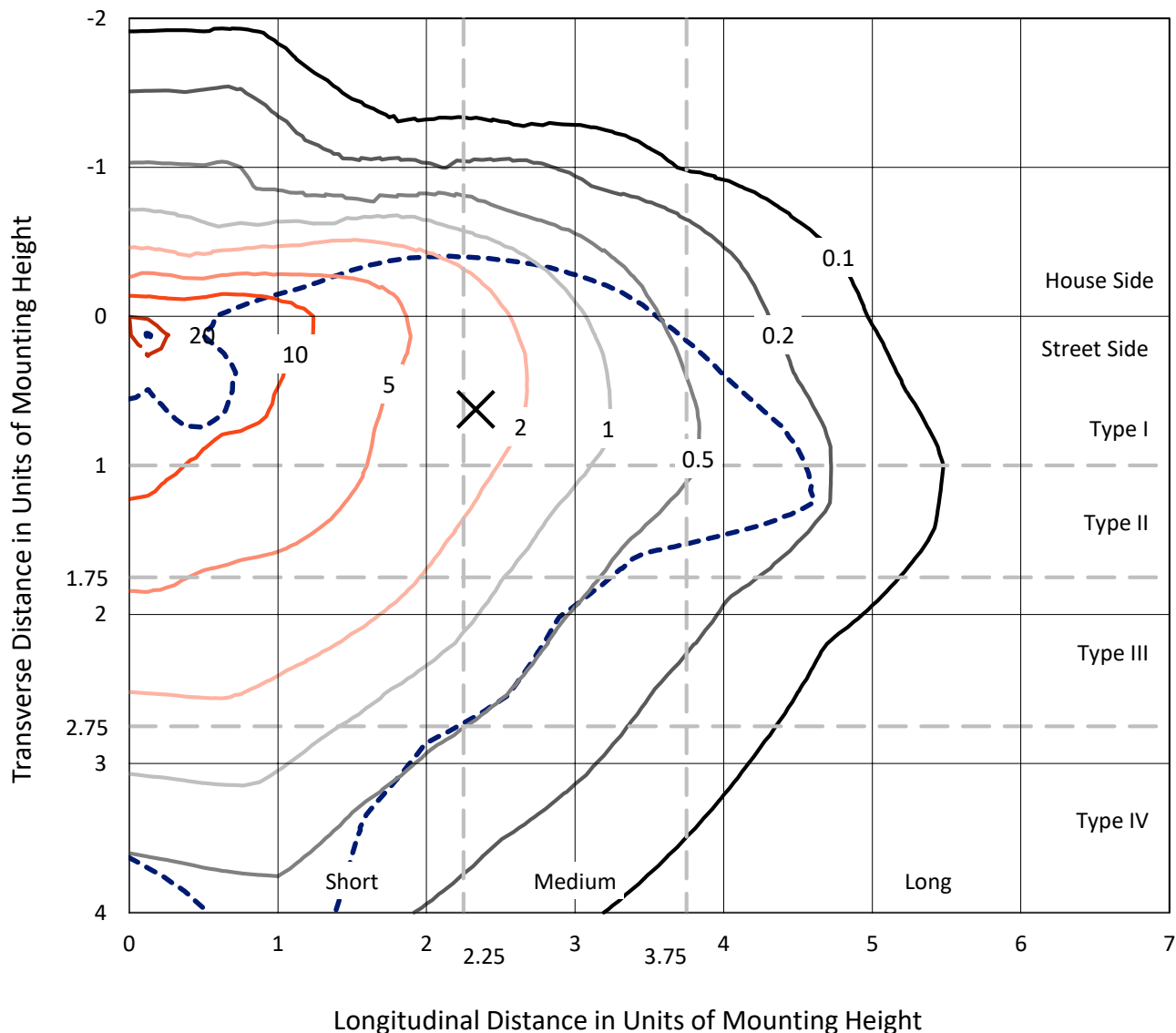
Input Watts (W): 374
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

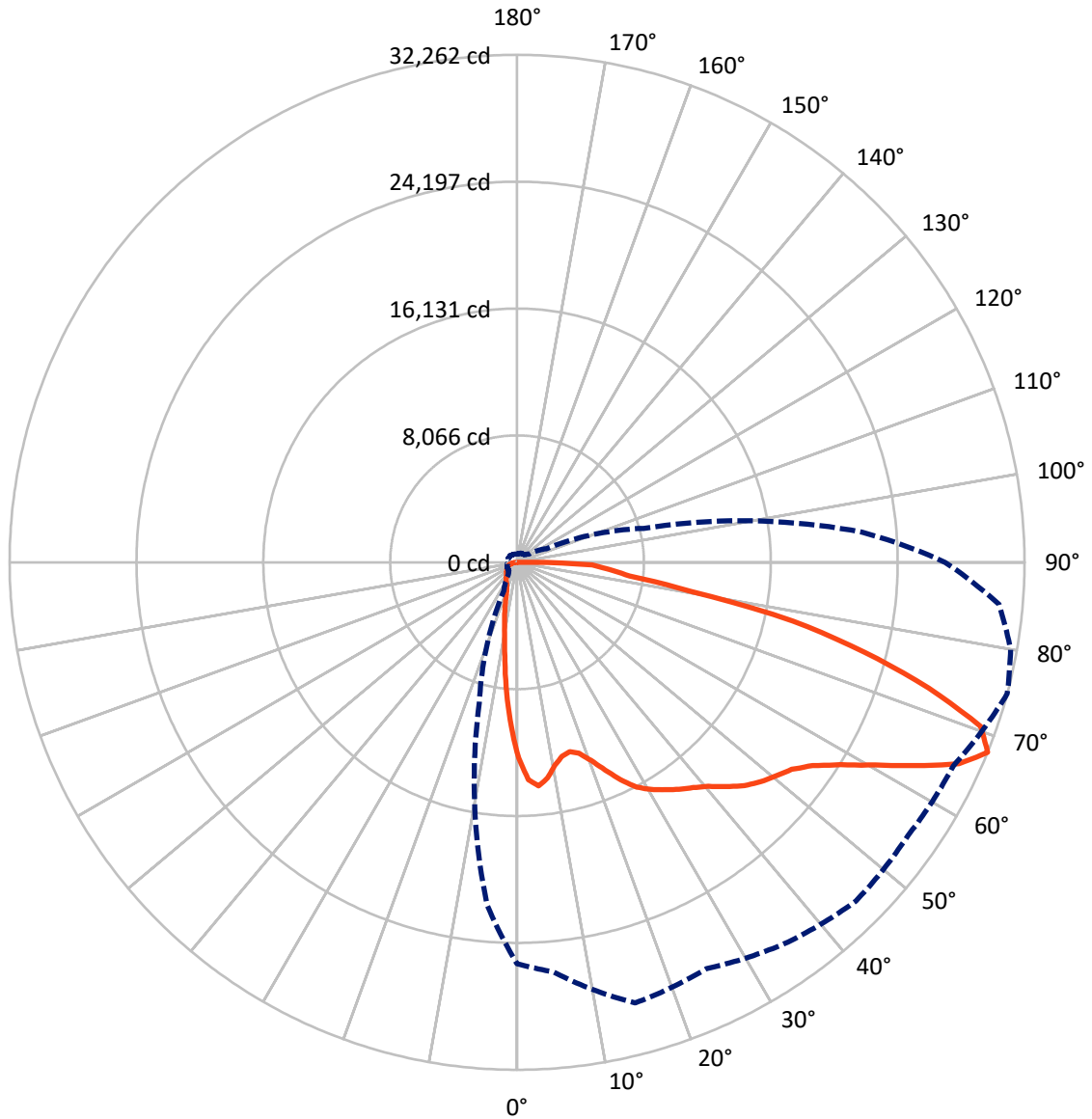
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 25.1 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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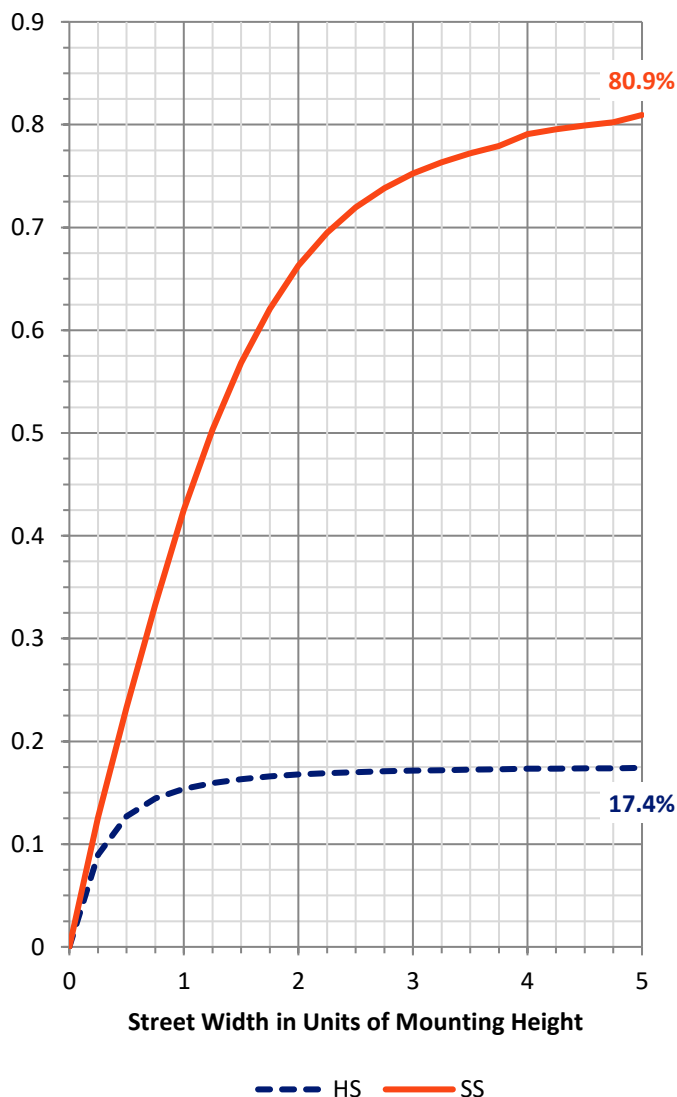
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7201.2	0.0	7201.2
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	33685.8	0.0	33685.8
	% Fixture	82.4	0.0	82.4
Total	Lumens	40887.0	0.0	40887.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	961.4	2.4
10°-20°	1997.1	4.9
20°-30°	2840.4	6.9
30°-40°	4092.9	10.0
40°-50°	5768.1	14.1
50°-60°	8018.6	19.6
60°-70°	9696.9	23.7
70°-80°	5960.6	14.6
80°-90°	1551.0	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°	40887.0	100.0
0°-180°	40887.0	100.0

Coefficient of Utilization

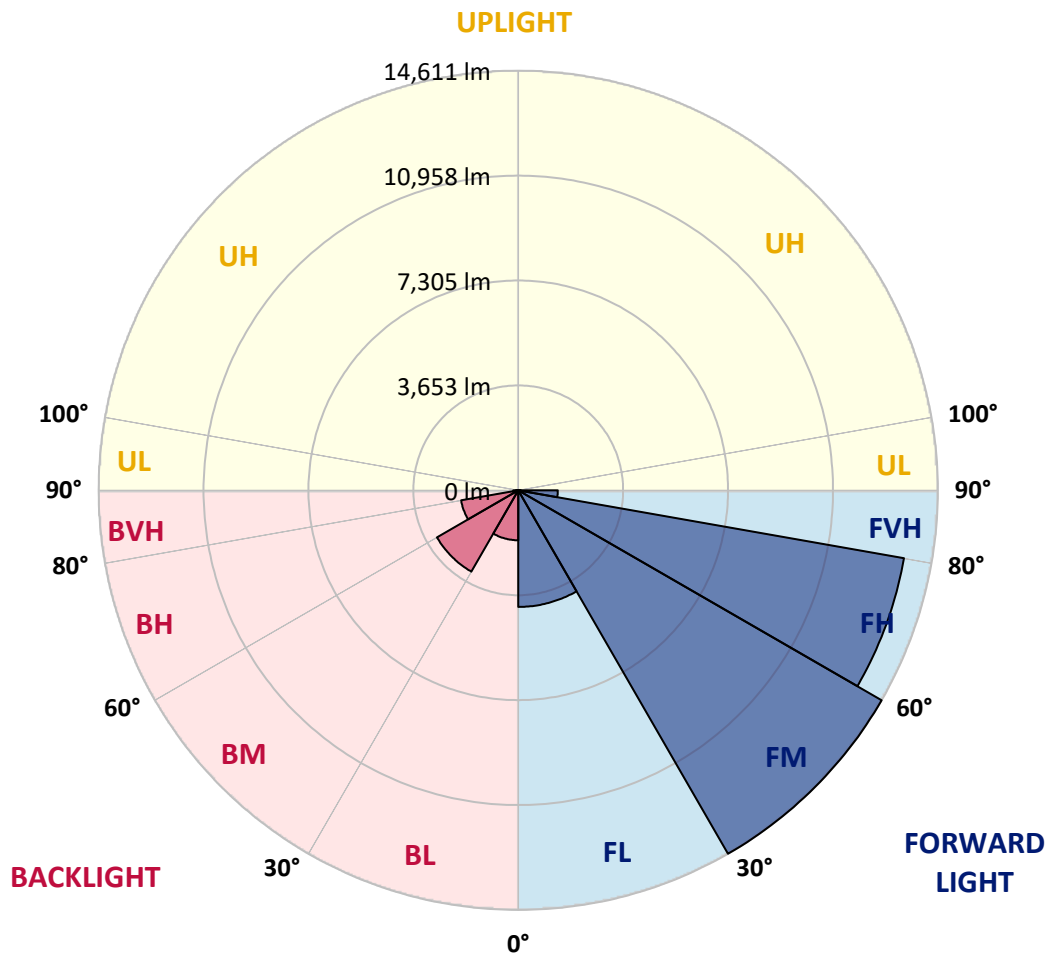


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4059.7	9.9			
FM (30°-60°)	14610.8	35.7			
FH (60°-80°)	13638.5	33.4			G5
FVH (80°-90°)	1376.8	3.4			G5
BL (0°-30°)	1739.2	4.3	B3/2500		
BM (30°-60°)	3268.8	8.0	B3/5000		
BH (60°-80°)	2019.0	4.9	B3/2500		G3/2500
BVH (80°-90°)	174.3	0.4			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5
 Type III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4
2.5°	13277.0	13451.9	13572.9	13692.2	13785.4	13877.0	14011.0	14145.1	14171.2	14195.7	14143.4
5°	13198.6	13625.2	13988.1	14349.4	14684.5	15019.6	15220.7	15421.8	15462.6	15503.5	15377.6
7.5°	12353.4	12982.8	13612.1	14241.5	14818.6	15395.6	15747.1	16096.9	16177.0	16255.5	16049.5
10°	11392.2	12124.6	12897.8	13671.0	14431.1	15191.3	15699.7	16208.1	16309.4	16410.8	16154.1
12.5°	10661.5	11460.9	12286.4	13111.9	13914.6	14715.6	15241.9	15768.3	15894.2	16020.1	15833.7
15°	10380.3	11256.5	12033.0	12809.5	13509.2	14207.2	14638.7	15068.7	15121.0	15171.7	15142.2
17.5°	10661.5	11627.6	12330.5	13031.8	13412.7	13792.0	13965.2	14136.9	14194.1	14249.7	14324.9
20°	11483.8	12526.7	13022.0	13515.7	13499.4	13481.4	13398.0	13313.0	13298.3	13283.6	13496.1
22.5°	12657.5	13868.8	14066.6	14262.8	13803.4	13344.1	13064.5	12783.4	12727.8	12670.6	12896.2
25°	14035.5	15325.3	15289.4	15251.8	14377.2	13501.0	12968.1	12435.2	12373.0	12310.9	12503.8
27.5°	15534.6	16767.1	16531.7	16296.3	15107.9	13919.5	13146.3	12373.0	12310.9	12248.8	12418.8
30°	16706.6	17824.8	17447.2	17069.5	15724.2	14378.8	13460.1	12541.4	12440.1	12337.1	12546.3
32.5°	17698.9	18650.3	18143.5	17636.8	16224.4	14812.0	13818.1	12824.2	12665.7	12507.1	12786.6
35°	18732.0	19474.2	18761.5	18047.1	16670.7	15292.6	14241.5	13188.8	12994.2	12799.7	13183.9
37.5°	19894.3	20510.6	19487.3	18462.3	17172.5	15882.7	14875.8	13867.2	13667.7	13468.3	13958.7
40°	21122.0	21635.3	20270.3	18905.3	17721.8	16538.3	15753.6	14967.3	14777.7	14586.4	15181.5
42.5°	22196.0	22570.3	20999.4	19428.4	18383.8	17337.6	16785.1	16230.9	16229.3	16226.0	16829.2
45°	23005.1	23330.4	21607.5	19882.9	19029.5	18174.6	17886.9	17599.2	17829.7	18060.2	18606.2
47.5°	23677.0	23897.7	22117.5	20335.7	19768.4	19201.2	19243.7	19286.2	19755.4	20224.5	20576.0
50°	24445.3	24267.1	22580.1	20891.5	20716.6	20541.6	20924.2	21305.0	21844.5	22382.3	22621.0
52.5°	25277.4	24804.9	23207.8	21609.1	21805.3	22001.4	22779.5	23557.7	24102.0	24646.4	24736.3
55°	26773.1	26048.9	24361.9	22673.3	23050.9	23426.9	24569.5	25710.6	26135.6	26560.6	26593.3
57.5°	28458.5	27816.1	25978.7	24141.3	24546.7	24952.1	26271.3	27588.8	28048.2	28505.9	28442.2
60°	29107.5	29138.5	27513.6	25887.1	26295.8	26704.5	27989.3	29274.2	29802.2	30328.6	30188.0
62.5°	28453.6	29220.3	28352.2	27482.6	27853.7	28223.1	29481.8	30740.5	31281.6	31822.7	31577.5
65°	27160.5	27920.7	28309.7	28698.8	28821.4	28944.0	30119.4	31293.1	31708.3	32121.9	31997.6
67.5°	25516.0	26130.7	27566.0	28999.6	28752.7	28505.9	29056.8	29607.7	30034.3	30461.0	30390.7
70°	23611.6	24344.0	26258.2	28172.4	26959.5	25744.9	25517.7	25290.4	25751.4	26210.8	25926.3
72.5°	20196.7	21301.8	23343.5	25383.6	23149.0	20914.4	20137.9	19361.4	19945.0	20528.6	20075.8
75°	15255.0	16721.3	18977.2	21231.5	18565.3	15899.1	14862.7	13826.3	14328.1	14830.0	14519.4
77.5°	10609.2	12448.2	14669.8	16891.4	14181.0	11469.1	10699.1	9927.5	10077.9	10226.7	10174.4
80°	7233.5	8443.2	9992.9	11541.0	9736.3	7931.6	7992.0	8050.9	7980.6	7908.7	8013.3
82.5°	4536.3	5388.0	6584.6	7779.5	6821.6	5863.7	6412.9	6962.2	6692.5	6421.1	6522.5
85°	2555.0	3074.9	4245.3	5414.1	5046.3	4676.9	4998.9	5319.3	4900.8	4482.3	4667.1
87.5°	487.1	810.8	2349.1	3885.7	3527.7	3169.7	2754.5	2339.3	1785.1	1230.9	1798.2
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



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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°	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4
2.5°	14091.1	14063.3	14035.5	13935.8	13834.5	13684.1	13559.8	13344.1	13226.4	13048.2	12870.0
5°	15250.1	15073.6	14897.0	14593.0	14287.3	13947.3	13556.6	13123.4	12796.4	12371.4	11946.4
7.5°	15843.5	15431.6	15018.0	14434.4	13849.2	13322.8	12704.9	12129.5	11639.1	11086.5	10534.0
10°	15897.5	15279.5	14660.0	13901.5	13141.4	12502.2	11791.1	11151.9	10563.4	9929.2	9293.3
12.5°	15645.7	14988.6	14329.8	13494.5	12657.5	11931.7	11166.6	10450.6	9798.4	9100.4	8400.7
15°	15112.8	14588.1	14061.7	13278.7	12495.6	11763.3	11021.1	10172.7	9435.5	8721.1	8005.1
17.5°	14398.4	14150.0	13899.9	13334.3	12767.0	12132.7	11413.5	10417.9	9554.8	8778.3	8001.9
20°	13707.0	13798.5	13888.4	13662.8	13437.2	12928.8	12301.1	11183.0	10081.2	9066.0	8049.3
22.5°	13120.1	13559.8	13997.9	14172.9	14346.1	14040.4	13550.0	12257.0	10798.8	9473.1	8147.3
25°	12695.1	13424.2	14153.2	14735.2	15315.5	15179.8	14802.2	13561.5	11750.2	10059.9	8368.0
27.5°	12588.8	13483.0	14377.2	15279.5	16180.3	16306.1	16201.5	14936.3	12884.7	10789.0	8691.7
30°	12755.6	13661.2	14565.2	15663.7	16760.6	17262.4	17403.0	16082.2	14181.0	11639.1	9095.5
32.5°	13066.2	13953.8	14841.4	16038.0	17233.0	17991.5	18439.4	17130.0	15085.0	12279.9	9473.1
35°	13568.0	14398.4	15228.9	16474.5	17720.2	18701.0	19518.3	18212.2	15887.7	12727.8	9566.3
37.5°	14447.5	15161.8	15876.2	17027.0	18176.2	19448.0	20675.7	19403.9	16755.7	13159.3	9561.4
40°	15776.5	16281.6	16785.1	17757.7	18728.8	20329.1	21986.7	20732.9	17715.2	13626.9	9538.5
42.5°	17432.4	17692.4	17950.6	18720.6	19490.5	21249.5	23176.8	22032.5	18630.7	14061.7	9492.7
45°	19150.5	19219.2	19287.8	19773.3	20257.2	21978.5	23987.6	23008.4	19430.0	14439.3	9446.9
47.5°	20925.8	20690.4	20455.0	20647.9	20840.8	22537.6	24566.3	23748.9	20232.7	14857.8	9481.3
50°	22859.6	22204.1	21548.6	21447.3	21345.9	23096.7	25247.9	24690.5	21197.2	15467.5	9737.9
52.5°	24824.6	23744.0	22663.5	22263.0	21860.8	23763.6	26151.9	25862.6	22573.6	16412.4	10249.6
55°	26626.0	25251.2	23876.4	23337.0	22797.5	24783.7	27255.4	27583.9	24337.4	17620.4	10901.8
57.5°	28376.8	26818.9	25261.0	24760.8	24260.6	26282.7	28653.0	29128.7	26119.2	18779.4	11438.0
60°	30047.4	28505.9	26962.7	26562.2	26160.1	28146.3	30163.5	29816.9	27037.9	19322.2	11604.7
62.5°	31332.3	30106.3	28880.2	28669.4	28456.9	30031.1	31324.1	29548.8	26454.4	18787.6	11120.9
65°	31873.4	31175.4	30475.7	30673.5	30869.7	31456.5	31613.5	28764.2	24620.2	17290.2	9960.2
67.5°	30318.8	30461.0	30603.2	31433.7	32262.4	31858.7	30753.6	27217.8	22009.6	15168.4	8327.2
70°	25640.3	26493.6	27345.3	29310.2	31273.5	30377.6	28450.3	24442.0	18867.7	12724.5	6579.7
72.5°	19621.3	20580.9	21538.8	24455.1	27369.8	26544.3	24183.8	20075.8	15127.5	10161.3	5193.4
75°	14207.2	15291.0	16373.2	19590.2	22807.3	21661.4	18089.6	14373.9	11490.3	7756.7	4021.4
77.5°	10120.4	10846.2	11572.0	14749.9	17926.1	16059.3	12041.2	9672.5	7952.8	5391.2	2828.0
80°	8117.9	7895.6	7673.3	9443.7	11214.0	10903.5	7964.3	6211.9	5504.0	3612.7	1721.3
82.5°	6622.2	6079.5	5536.7	6370.4	7204.1	7158.4	5526.9	4557.5	4096.6	2510.9	925.2
85°	4850.2	4632.7	4415.3	5152.6	5889.8	5260.5	3743.5	2896.7	3194.2	1848.8	503.5
87.5°	2365.4	2702.2	3037.3	3906.9	4775.0	3584.9	1136.1	562.3	778.1	511.7	243.6
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: P320283
 CATALOG NUMBER: GAN-SA9B-730-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: P320283

CATALOG NUMBER: GAN-SA9B-730-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4
2.5°	12737.6	12603.5	12451.5	12299.5	12126.2	11951.3	11848.3	11743.7	11630.9	11518.1	11390.6
5°	11665.2	11384.1	11065.3	10746.5	10431.0	10115.5	9945.5	9775.5	9595.7	9414.2	9257.3
7.5°	10125.3	9715.0	9273.7	8830.7	8438.3	8044.4	7800.8	7555.6	7333.3	7109.3	6921.3
10°	8770.2	8247.1	7804.1	7359.4	7063.5	6767.7	6543.7	6319.8	6104.0	5886.6	5678.9
12.5°	7877.6	7354.5	7073.3	6792.2	6547.0	6301.8	6043.5	5783.6	5487.7	5190.2	4972.8
15°	7529.4	7053.7	6741.5	6427.6	6099.1	5768.9	5451.7	5134.6	4784.8	4434.9	4188.1
17.5°	7379.0	6756.2	6319.8	5881.7	5448.5	5015.3	4647.5	4279.6	3897.1	3514.6	3264.5
20°	7220.5	6391.7	5806.5	5219.6	4663.8	4108.0	3691.2	3274.3	2932.7	2591.0	2399.7
22.5°	7076.6	6004.3	5270.3	4534.7	3877.5	3220.4	2811.7	2401.4	2192.1	1982.9	1906.1
25°	7017.8	5665.9	4763.5	3861.2	3168.0	2473.3	2182.3	1891.3	1811.2	1729.5	1690.3
27.5°	7027.6	5363.5	4336.9	3308.6	2684.2	2059.7	1860.3	1660.9	1611.8	1561.1	1536.6
30°	7065.2	5034.9	3934.7	2834.6	2319.6	1804.7	1675.6	1544.8	1492.5	1440.2	1409.1
32.5°	7107.7	4740.6	3624.1	2506.0	2085.9	1664.1	1557.9	1450.0	1399.3	1348.6	1317.6
35°	7034.1	4500.3	3411.6	2322.9	1935.5	1546.4	1456.5	1365.0	1309.4	1253.8	1224.4
37.5°	6909.9	4258.4	3246.5	2233.0	1837.4	1440.2	1374.8	1307.8	1250.5	1191.7	1163.9
40°	6797.1	4054.1	3123.9	2192.1	1783.5	1373.1	1317.6	1262.0	1203.1	1142.7	1110.0
42.5°	6705.5	3916.7	3002.9	2089.1	1734.4	1378.1	1299.6	1219.5	1162.3	1105.1	1069.1
45°	6636.9	3826.8	2908.1	1989.4	1688.6	1387.9	1288.1	1188.4	1131.2	1072.4	1029.9
47.5°	6630.3	3779.4	2841.1	1902.8	1602.0	1299.6	1258.7	1217.9	1134.5	1049.5	1000.4
50°	6720.3	3702.6	2762.6	1821.1	1518.6	1216.2	1271.8	1325.7	1183.5	1039.7	977.6
52.5°	6908.2	3566.9	2638.4	1709.9	1417.3	1123.0	1209.7	1294.7	1172.1	1047.8	967.7
55°	7135.5	3367.5	2450.4	1531.7	1283.2	1033.1	1110.0	1185.2	1108.3	1029.9	933.4
57.5°	7277.7	3115.7	2213.4	1311.0	1132.8	954.7	998.8	1041.3	1010.2	979.2	881.1
60°	7192.7	2780.6	1946.9	1111.6	1000.4	889.3	881.1	871.3	917.1	962.8	850.0
62.5°	6777.5	2434.1	1711.5	989.0	905.6	820.6	802.6	783.0	858.2	931.8	812.4
65°	6076.2	2192.1	1562.8	933.4	840.2	747.1	727.4	707.8	730.7	753.6	698.0
67.5°	5185.3	2043.4	1477.8	912.2	799.4	684.9	662.1	639.2	634.3	629.4	609.7
70°	4266.6	1951.8	1422.2	892.5	755.2	616.3	595.0	573.8	567.2	559.1	544.4
72.5°	3566.9	1940.4	1415.7	890.9	719.3	547.6	528.0	508.4	500.2	490.4	479.0
75°	2921.2	1821.1	1343.7	866.4	670.2	472.4	454.4	436.5	429.9	421.8	411.9
77.5°	2167.6	1507.2	1129.6	752.0	573.8	395.6	377.6	358.0	356.4	353.1	344.9
80°	1405.8	1090.3	807.5	524.7	418.5	310.6	295.9	279.5	281.2	282.8	276.3
82.5°	781.4	635.9	493.7	351.5	286.1	220.7	214.1	206.0	210.9	214.1	206.0
85°	411.9	320.4	264.8	209.2	165.1	121.0	121.0	119.3	125.9	132.4	125.9
87.5°	178.2	112.8	96.4	78.5	44.1	8.2	9.8	9.8	13.1	16.3	14.7
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: P320283
 CATALOG NUMBER: GAN-SA9B-730-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: P320283

CATALOG NUMBER: GAN-SA9B-730-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4
2.5°	11261.5	11142.1	11021.1	10888.7	10913.3	10811.9	10710.6	10646.8	10583.0	10563.4	10543.8
5°	9100.4	8964.7	8827.4	8704.8	8811.0	8739.1	8667.2	8657.4	8645.9	8645.9	8644.3
7.5°	6733.3	6587.8	6440.7	6339.4	6444.0	6430.9	6417.8	6488.1	6558.4	6615.6	6671.2
10°	5471.3	5294.8	5116.6	4966.2	4940.1	4864.9	4788.0	4804.4	4819.1	4881.2	4943.3
12.5°	4755.3	4544.5	4333.6	4157.0	4076.9	3952.7	3826.8	3748.4	3669.9	3678.1	3684.6
15°	3939.6	3735.3	3529.3	3377.3	3326.6	3230.2	3133.7	3035.6	2935.9	2895.1	2852.6
17.5°	3012.8	2849.3	2684.2	2582.8	2582.8	2555.0	2527.2	2478.2	2427.5	2386.7	2344.2
20°	2208.5	2121.8	2033.6	1991.1	2004.1	2005.8	2005.8	2030.3	2054.8	2041.7	2028.7
22.5°	1827.6	1796.5	1765.5	1747.5	1754.0	1755.7	1757.3	1780.2	1801.4	1817.8	1832.5
25°	1649.4	1629.8	1610.2	1603.6	1618.4	1620.0	1620.0	1634.7	1649.4	1665.8	1682.1
27.5°	1510.5	1502.3	1494.1	1482.7	1497.4	1497.4	1495.8	1512.1	1526.8	1541.5	1554.6
30°	1378.1	1381.3	1383.0	1379.7	1389.5	1396.0	1400.9	1412.4	1422.2	1433.6	1445.1
32.5°	1284.9	1280.0	1275.1	1271.8	1293.0	1304.5	1315.9	1327.4	1337.2	1342.1	1347.0
35°	1195.0	1183.5	1172.1	1163.9	1183.5	1198.2	1212.9	1234.2	1253.8	1257.1	1260.4
37.5°	1134.5	1119.8	1105.1	1095.2	1103.4	1110.0	1116.5	1139.4	1162.3	1175.3	1186.8
40°	1077.3	1062.6	1047.8	1039.7	1044.6	1046.2	1047.8	1059.3	1069.1	1093.6	1116.5
42.5°	1031.5	1013.5	995.5	985.7	989.0	992.3	993.9	992.3	990.6	1013.5	1036.4
45°	985.7	966.1	946.5	935.0	936.7	936.7	936.7	933.4	928.5	940.0	951.4
47.5°	949.8	926.9	904.0	892.5	889.3	886.0	882.7	881.1	877.8	886.0	892.5
50°	913.8	889.3	863.1	850.0	841.9	838.6	835.3	833.7	830.4	838.6	845.1
52.5°	886.0	856.6	827.2	805.9	797.7	792.8	787.9	789.6	789.6	792.8	794.5
55°	837.0	810.8	783.0	768.3	753.6	750.3	747.1	752.0	755.2	755.2	755.2
57.5°	783.0	758.5	732.3	722.5	709.5	709.5	707.8	714.4	719.3	722.5	725.8
60°	735.6	707.8	680.0	671.9	667.0	665.3	663.7	671.9	678.4	684.9	691.5
62.5°	691.5	662.1	632.6	622.8	621.2	622.8	622.8	631.0	637.5	644.1	650.6
65°	642.4	613.0	582.0	572.1	575.4	580.3	585.2	591.8	596.7	603.2	609.7
67.5°	588.5	564.0	537.8	528.0	529.6	536.2	542.7	547.6	550.9	557.4	564.0
70°	529.6	508.4	487.1	480.6	479.0	487.1	493.7	496.9	500.2	508.4	514.9
72.5°	465.9	447.9	429.9	425.0	426.7	431.6	436.5	441.4	444.6	452.8	459.4
75°	400.5	384.2	367.8	364.5	367.8	372.7	377.6	380.9	384.2	394.0	402.1
77.5°	336.7	318.8	299.2	297.5	302.4	307.3	310.6	315.5	320.4	333.5	346.6
80°	269.7	250.1	228.9	227.2	232.1	237.0	241.9	246.8	251.7	268.1	282.8
82.5°	197.8	174.9	152.0	148.8	165.1	170.0	174.9	183.1	189.6	204.3	219.0
85°	119.3	96.4	73.6	71.9	86.6	94.8	103.0	112.8	121.0	134.0	147.1
87.5°	13.1	6.5	0.0	0.0	1.6	8.2	14.7	22.9	31.1	44.1	55.6
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: P320283
 CATALOG NUMBER: GAN-SA9B-730-U-SLL

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P320283

CATALOG NUMBER: GAN-SA9B-730-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4
2.5°	10471.9	10398.3	10473.5	10547.1	10578.1	10609.2	10529.1	10447.4	10574.9	10700.7	10733.4
5°	8578.9	8511.9	8562.6	8611.6	8502.1	8392.6	8381.1	8368.0	8462.8	8557.7	8572.4
7.5°	6650.0	6628.7	6676.1	6723.5	6584.6	6444.0	6375.3	6306.7	6329.6	6352.4	6349.2
10°	4958.0	4971.1	5030.0	5087.2	4979.3	4871.4	4824.0	4776.6	4828.9	4879.6	4927.0
12.5°	3714.0	3741.8	3803.9	3864.4	3820.3	3774.5	3779.4	3784.3	3844.8	3903.7	3956.0
15°	2885.2	2917.9	2962.1	3004.6	3006.2	3006.2	3048.7	3089.6	3084.7	3079.8	3115.7
17.5°	2388.3	2430.8	2435.7	2440.6	2442.2	2443.9	2440.6	2437.3	2412.8	2388.3	2416.1
20°	2045.0	2059.7	2072.8	2084.2	2069.5	2053.2	2012.3	1971.4	1955.1	1938.8	1964.9
22.5°	1860.3	1886.4	1873.4	1858.7	1829.2	1798.2	1767.1	1734.4	1732.8	1729.5	1744.2
25°	1705.0	1726.2	1703.4	1680.5	1659.2	1638.0	1616.7	1595.5	1593.8	1592.2	1598.7
27.5°	1575.9	1595.5	1574.2	1553.0	1535.0	1517.0	1500.7	1484.3	1481.0	1477.8	1479.4
30°	1464.7	1482.7	1464.7	1445.1	1432.0	1417.3	1405.8	1394.4	1392.8	1391.1	1391.1
32.5°	1365.0	1383.0	1369.9	1356.8	1345.4	1333.9	1325.7	1317.6	1309.4	1301.2	1283.2
35°	1278.3	1296.3	1288.1	1278.3	1265.3	1252.2	1237.5	1221.1	1199.9	1177.0	1167.2
37.5°	1204.8	1222.8	1214.6	1206.4	1188.4	1170.4	1144.3	1116.5	1110.0	1101.8	1100.2
40°	1145.9	1173.7	1157.4	1139.4	1111.6	1083.8	1070.7	1057.7	1054.4	1051.1	1047.8
42.5°	1080.5	1123.0	1093.6	1064.2	1038.0	1011.9	1008.6	1005.3	1003.7	1002.1	1002.1
45°	998.8	1044.6	1015.1	984.1	969.4	954.7	954.7	954.7	956.3	956.3	959.6
47.5°	922.0	949.8	935.0	920.3	912.2	904.0	905.6	907.3	912.2	915.4	923.6
50°	856.6	866.4	869.7	871.3	866.4	861.5	864.8	866.4	871.3	874.6	881.1
52.5°	809.2	823.9	823.9	822.3	822.3	822.3	825.5	828.8	833.7	838.6	845.1
55°	778.1	799.4	792.8	786.3	787.9	787.9	791.2	794.5	799.4	802.6	812.4
57.5°	748.7	771.6	765.0	758.5	758.5	758.5	760.1	761.8	766.7	769.9	776.5
60°	714.4	737.2	730.7	722.5	724.2	725.8	727.4	727.4	730.7	732.3	732.3
62.5°	673.5	696.4	689.8	681.7	686.6	689.8	689.8	689.8	693.1	694.7	689.8
65°	631.0	652.2	645.7	639.2	645.7	650.6	653.9	655.5	653.9	652.2	647.3
67.5°	585.2	606.5	599.9	591.8	599.9	606.5	613.0	617.9	613.0	608.1	601.6
70°	536.2	557.4	549.3	541.1	549.3	557.4	564.0	570.5	564.0	557.4	555.8
72.5°	483.9	508.4	498.6	488.8	498.6	508.4	511.7	514.9	510.0	505.1	501.9
75°	426.7	451.2	443.0	433.2	441.4	449.5	451.2	452.8	452.8	451.2	441.4
77.5°	366.2	385.8	380.9	376.0	380.9	385.8	385.8	385.8	387.4	387.4	374.3
80°	294.2	305.7	307.3	309.0	310.6	312.2	310.6	309.0	305.7	302.4	294.2
82.5°	219.0	219.0	232.1	243.6	243.6	241.9	240.3	237.0	230.5	222.3	204.3
85°	138.9	130.8	152.0	171.6	171.6	170.0	166.7	161.8	148.8	134.0	119.3
87.5°	47.4	39.2	60.5	81.7	83.4	83.4	80.1	76.8	63.8	49.0	37.6
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: P320283
 CATALOG NUMBER: GAN-SA9B-730-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: P320283
 CATALOG NUMBER: GAN-SA9B-730-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4
2.5°	10782.5	10803.7	10823.4	10983.6	11142.1	11328.5	11514.8	11657.0	11797.6	11943.1	12088.6
5°	8623.0	8649.2	8675.4	8869.9	9062.8	9322.7	9582.6	9806.6	10030.5	10293.7	10556.9
7.5°	6391.7	6448.9	6504.5	6712.1	6918.1	7197.6	7475.5	7768.1	8059.1	8402.4	8745.6
10°	5020.2	5128.1	5234.3	5446.8	5659.3	5935.6	6210.2	6515.9	6821.6	7160.0	7496.7
12.5°	4063.9	4207.7	4349.9	4605.0	4860.0	5190.2	5518.7	5858.8	6197.1	6494.7	6792.2
15°	3210.6	3367.5	3522.8	3792.5	4062.2	4425.1	4786.4	5157.5	5526.9	5883.3	6239.7
17.5°	2504.4	2633.5	2761.0	2989.9	3217.1	3568.6	3920.0	4309.1	4698.1	5133.0	5566.2
20°	2020.5	2074.4	2128.4	2293.5	2457.0	2743.0	3027.5	3424.7	3821.9	4341.8	4861.6
22.5°	1770.4	1798.2	1824.3	1904.4	1982.9	2167.6	2350.7	2702.2	3052.0	3619.2	4184.8
25°	1620.0	1641.2	1662.5	1714.8	1767.1	1855.4	1943.7	2190.5	2437.3	2994.8	3550.6
27.5°	1484.3	1517.0	1548.1	1572.6	1595.5	1656.0	1714.8	1876.6	2038.5	2558.3	3076.5
30°	1386.2	1397.7	1409.1	1446.7	1482.7	1544.8	1606.9	1719.7	1832.5	2272.2	2710.3
32.5°	1271.8	1288.1	1304.5	1343.7	1383.0	1440.2	1497.4	1588.9	1678.8	2054.8	2429.2
35°	1168.8	1185.2	1201.5	1240.7	1278.3	1340.5	1400.9	1477.8	1553.0	1879.9	2206.8
37.5°	1105.1	1121.4	1137.8	1172.1	1204.8	1266.9	1327.4	1387.9	1446.7	1749.1	2051.5
40°	1051.1	1067.5	1083.8	1116.5	1147.6	1208.0	1266.9	1317.6	1368.2	1651.0	1933.9
42.5°	1003.7	1021.7	1039.7	1072.4	1103.4	1157.4	1211.3	1278.3	1343.7	1566.0	1786.7
45°	964.5	982.5	998.8	1034.8	1070.7	1123.0	1175.3	1268.5	1361.7	1521.9	1682.1
47.5°	928.5	948.1	966.1	1005.3	1044.6	1110.0	1173.7	1252.2	1329.0	1487.6	1646.1
50°	894.2	917.1	940.0	987.4	1033.1	1142.7	1250.5	1262.0	1271.8	1459.8	1646.1
52.5°	861.5	887.6	913.8	972.6	1029.9	1157.4	1284.9	1244.0	1201.5	1407.5	1613.4
55°	828.8	851.7	872.9	944.9	1016.8	1110.0	1203.1	1149.2	1093.6	1309.4	1525.2
57.5°	784.7	809.2	832.1	908.9	985.7	1051.1	1114.9	1065.8	1015.1	1198.2	1379.7
60°	738.9	766.7	794.5	892.5	989.0	977.6	964.5	954.7	943.2	1074.0	1204.8
62.5°	698.0	727.4	756.9	884.4	1011.9	933.4	854.9	863.1	869.7	966.1	1062.6
65°	657.1	686.6	714.4	778.1	841.9	810.8	779.8	792.8	804.3	899.1	993.9
67.5°	611.4	637.5	662.1	683.3	704.6	707.8	711.1	724.2	737.2	850.0	961.2
70°	560.7	582.0	603.2	617.9	631.0	637.5	642.4	658.8	675.1	797.7	920.3
72.5°	503.5	521.5	537.8	550.9	564.0	568.9	572.1	588.5	604.8	735.6	866.4
75°	441.4	456.1	469.2	480.6	492.0	498.6	505.1	516.6	528.0	670.2	810.8
77.5°	372.7	387.4	400.5	410.3	418.5	425.0	429.9	444.6	459.4	578.7	696.4
80°	291.0	309.0	325.3	333.5	340.0	341.7	341.7	354.7	367.8	452.8	536.2
82.5°	206.0	225.6	243.6	250.1	256.6	256.6	256.6	271.4	286.1	343.3	398.9
85°	121.0	142.2	161.8	168.4	174.9	178.2	179.8	186.4	191.3	232.1	271.4
87.5°	37.6	55.6	71.9	75.2	78.5	85.0	91.5	93.2	93.2	121.0	148.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4	12456.4
2.5°	12255.3	12422.1	12616.6	12809.5	12974.6	13139.7	13277.0
5°	10892.0	11227.1	11637.4	12046.1	12410.6	12775.2	13198.6
7.5°	9178.8	9612.0	10143.3	10674.6	11189.5	11702.8	12353.4
10°	7938.1	8377.8	8940.2	9500.9	10079.6	10656.6	11392.2
12.5°	7150.2	7506.5	8050.9	8595.3	9275.3	9953.7	10661.5
15°	6630.3	7019.4	7549.0	8078.7	8822.5	9566.3	10380.3
17.5°	6076.2	6584.6	7263.0	7941.4	8822.5	9701.9	10661.5
20°	5495.9	6128.5	7008.0	7887.4	9074.2	10259.4	11483.8
22.5°	4917.2	5649.5	6777.5	7903.8	9455.1	11004.8	12657.5
25°	4395.7	5240.8	6636.9	8031.3	10009.3	11985.6	14035.5
27.5°	4000.1	4922.1	6579.7	8235.6	10712.2	13188.8	15534.6
30°	3648.7	4587.0	6511.0	8435.1	11389.0	14341.2	16706.6
32.5°	3344.6	4260.0	6378.6	8495.5	11861.4	15227.2	17698.9
35°	3105.9	4005.0	6156.3	8307.5	12157.3	16007.0	18732.0
37.5°	2900.0	3748.4	5902.9	8057.4	12420.5	16783.5	19894.3
40°	2703.8	3473.7	5685.5	7895.6	12783.4	17671.1	21122.0
42.5°	2517.4	3248.1	5510.6	7773.0	13120.1	18465.6	22196.0
45°	2378.5	3074.9	5355.3	7634.1	13337.5	19041.0	23005.1
47.5°	2309.8	2971.9	5271.9	7570.3	13554.9	19537.9	23677.0
50°	2300.0	2953.9	5366.7	7779.5	14025.7	20270.3	24445.3
52.5°	2298.4	2983.3	5639.7	8296.1	14900.3	21502.8	25277.4
55°	2264.1	3001.3	5965.0	8927.1	16074.0	23219.3	26773.1
57.5°	2159.4	2939.2	6300.1	9659.4	17314.7	24968.4	28458.5
60°	1997.6	2788.8	6576.4	10362.4	18148.4	25932.9	29107.5
62.5°	1794.9	2525.6	6667.9	10808.6	18125.6	25442.5	28453.6
65°	1621.6	2249.3	6367.2	10483.3	17208.5	23932.0	27160.5
67.5°	1468.0	1973.1	5615.2	9255.7	15559.1	21860.8	25516.0
70°	1356.8	1791.6	4645.8	7500.0	13494.5	19487.3	23611.6
72.5°	1286.5	1705.0	3787.6	5868.6	10950.9	16031.5	20196.7
75°	1190.1	1569.3	2971.9	4372.8	8381.1	12389.4	15255.0
77.5°	1010.2	1322.5	2239.5	3156.6	6149.7	9141.2	10609.2
80°	779.8	1021.7	1539.9	2058.1	4232.2	6406.4	7233.5
82.5°	555.8	712.7	933.4	1154.1	2811.7	4467.6	4536.3
85°	343.3	415.2	534.5	653.9	1860.3	3066.7	2555.0
87.5°	184.7	220.7	282.8	343.3	595.0	846.8	487.1
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



REPORT NUMBER: P320283
CATALOG NUMBER: GAN-SA9B-730-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)