

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: P383591

Luminaire Tested: **GAN-SA8D-735-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P383591
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-SA8D-735-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 70 CRI, 3500K, 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: 50908.1 lumens
Efficiency: N/A
Efficacy: 99.6 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B4 - U0 - G5

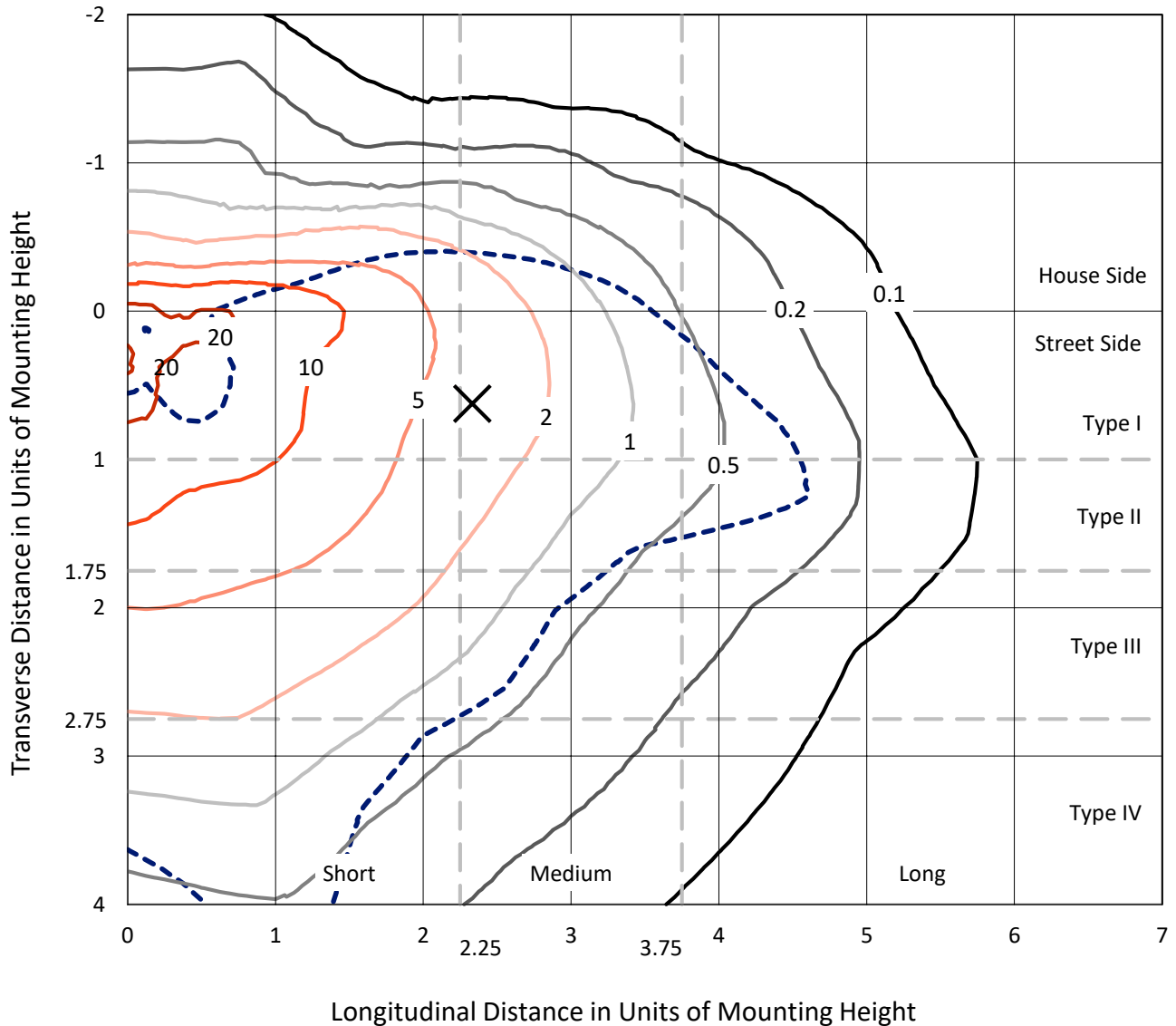
Input Watts (W): 511
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

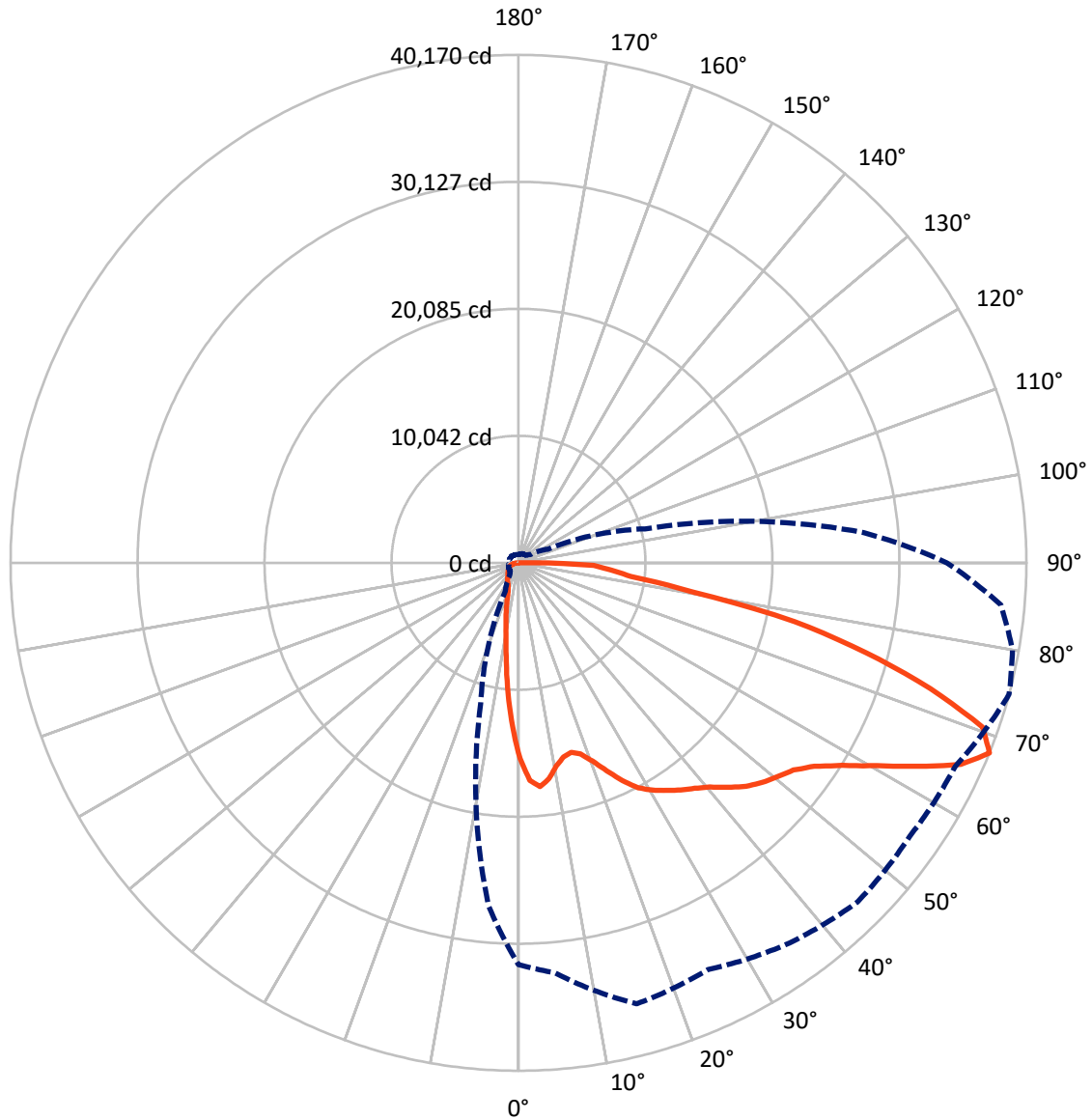
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 31.2 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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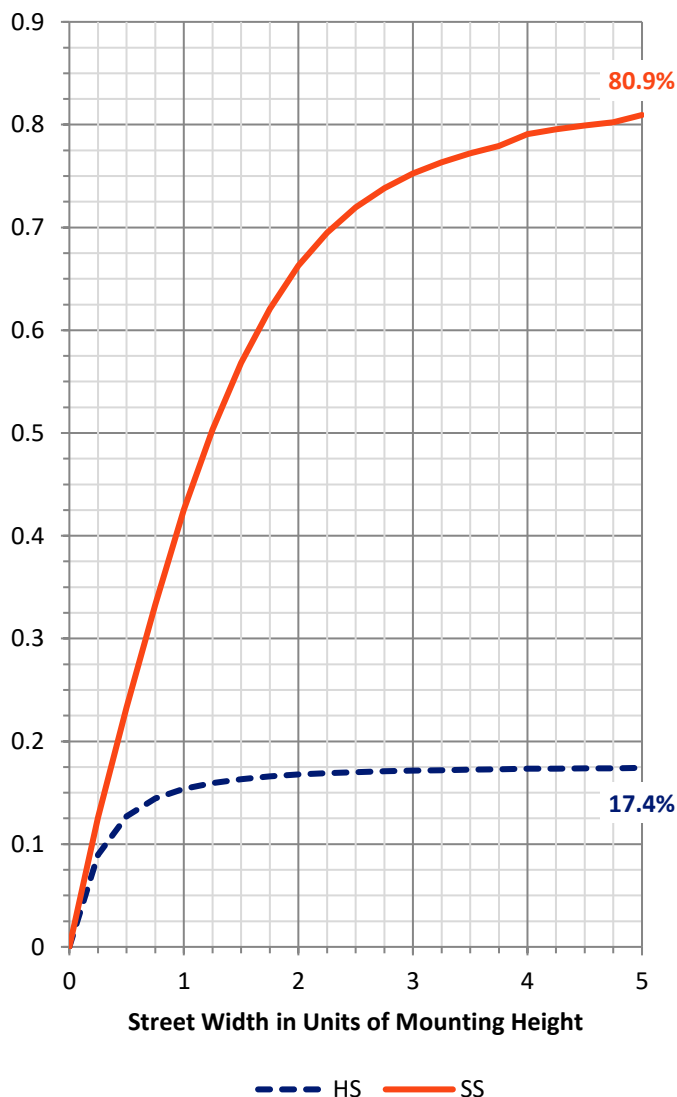
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8966.2	0.0	8966.2
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	41942.0	0.0	41942.0
	% Fixture	82.4	0.0	82.4
Total	Lumens	50908.1	0.0	50908.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1197.0	2.4
10°-20°	2486.6	4.9
20°-30°	3536.5	6.9
30°-40°	5096.1	10.0
40°-50°	7181.8	14.1
50°-60°	9984.0	19.6
60°-70°	12073.6	23.7
70°-80°	7421.5	14.6
80°-90°	1931.2	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°	50908.1	100.0
0°-180°	50908.1	100.0

Coefficient of Utilization

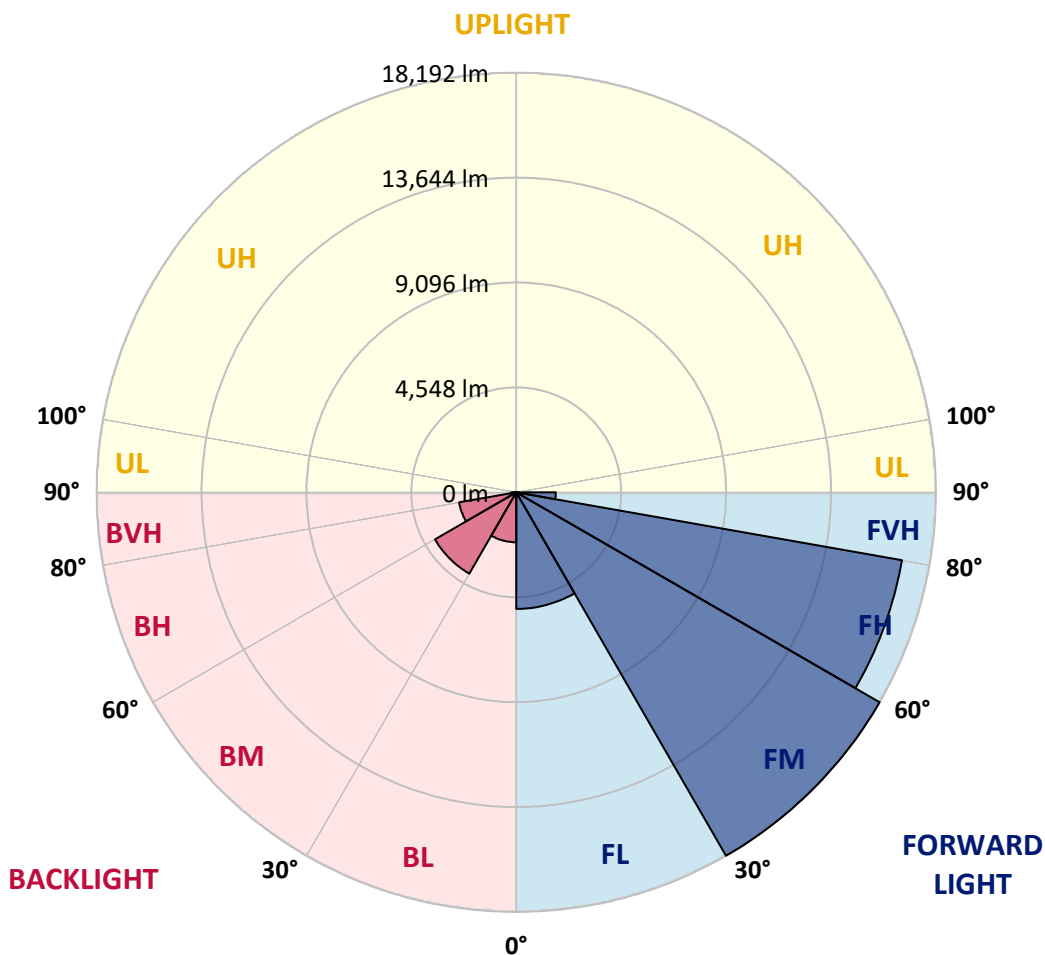


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	5054.7	9.9			
FM (30°-60°)	18191.9	35.7			
FH (60°-80°)	16981.2	33.4			G5
FVH (80°-90°)	1714.2	3.4			G5
BL (0°-30°)	2165.4	4.3	B3/2500		
BM (30°-60°)	4070.0	8.0	B3/5000		
BH (60°-80°)	2513.8	4.9	B4/5000		G4/5000
BVH (80°-90°)	217.0	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°	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4
2.5°	16531.2	16748.9	16899.6	17048.2	17164.1	17278.2	17445.0	17611.9	17644.5	17675.0	17609.9
5°	16433.4	16964.7	17416.5	17866.3	18283.6	18700.8	18951.2	19201.5	19252.4	19303.3	19146.6
7.5°	15381.2	16164.8	16948.4	17732.0	18450.5	19169.0	19606.6	20042.2	20141.8	20239.5	19983.1
10°	14184.4	15096.2	16058.9	17021.7	17968.2	18914.5	19547.6	20180.6	20306.7	20432.9	20113.4
12.5°	13274.6	14269.9	15297.7	16325.6	17324.9	18322.2	18977.7	19633.0	19789.8	19946.5	19714.4
15°	12924.5	14015.4	14982.3	15949.0	16820.2	17689.3	18226.6	18761.9	18827.0	18890.1	18853.5
17.5°	13274.6	14477.5	15352.6	16225.9	16700.1	17172.3	17388.1	17601.8	17672.9	17742.2	17835.8
20°	14298.3	15596.9	16213.7	16828.3	16808.0	16785.6	16681.8	16576.0	16557.6	16539.3	16803.9
22.5°	15759.7	17267.9	17514.2	17758.5	17186.5	16614.6	16266.6	15916.5	15847.3	15776.0	16056.9
25°	17475.6	19081.4	19036.6	18989.9	17901.0	16810.0	16146.5	15483.0	15405.6	15328.2	15568.4
27.5°	19342.0	20876.6	20583.6	20290.4	18810.7	17331.1	16368.3	15405.6	15328.2	15250.9	15462.6
30°	20801.4	22193.5	21723.3	21253.2	19578.1	17902.9	16759.1	15615.3	15489.0	15360.8	15621.3
32.5°	22036.8	23221.3	22590.4	21959.5	20200.9	18442.3	17204.8	15967.4	15769.9	15572.5	15920.5
35°	23323.2	24247.2	23359.8	22470.3	20756.6	19040.7	17732.0	16421.2	16179.0	15936.8	16415.2
37.5°	24770.3	25537.6	24263.5	22987.3	21381.4	19775.5	18521.8	17266.0	17017.6	16769.3	17379.9
40°	26298.8	26937.9	25238.4	23538.9	22065.3	20591.7	19614.8	18635.7	18399.6	18161.5	18902.3
42.5°	27636.0	28102.2	26146.2	24190.1	22889.6	21586.9	20899.0	20209.0	20207.0	20202.9	20954.0
45°	28643.5	29048.5	26903.3	24756.1	23693.5	22629.1	22270.9	21912.6	22199.6	22486.6	23166.4
47.5°	29480.0	29754.8	27538.3	25319.8	24613.5	23907.2	23960.2	24013.2	24597.2	25181.4	25619.0
50°	30436.7	30214.8	28114.4	26011.8	25794.1	25576.3	26052.5	26526.7	27198.5	27868.1	28165.2
52.5°	31472.7	30884.4	28896.0	26905.3	27149.6	27393.8	28362.6	29331.5	30009.2	30687.0	30799.0
55°	33335.1	32433.4	30332.9	28230.4	28700.5	29168.7	30591.4	32012.1	32541.3	33070.4	33111.1
57.5°	35433.5	34633.6	32345.8	30058.2	30562.9	31067.7	32710.2	34350.7	34922.6	35492.5	35413.2
60°	36241.5	36280.2	34257.1	32231.9	32740.7	33249.5	34849.4	36449.1	37106.5	37762.0	37586.9
62.5°	35427.4	36382.0	35301.2	34218.4	34680.4	35140.4	36707.6	38274.9	38948.6	39622.3	39317.0
65°	33817.4	34763.9	35248.3	35732.7	35885.4	36038.0	37501.4	38962.8	39479.8	39994.7	39840.1
67.5°	31769.9	32535.1	34322.2	36107.2	35799.8	35492.5	36178.4	36864.3	37395.6	37926.8	37839.3
70°	29398.7	30310.5	32693.9	35077.3	33567.1	32054.8	31771.9	31489.0	32062.9	32634.9	32280.7
72.5°	25146.8	26522.7	29064.8	31605.0	28822.6	26040.3	25073.5	24106.8	24833.4	25560.0	24996.2
75°	18994.0	20819.6	23628.4	26435.2	23115.5	19795.9	18505.5	17215.0	17839.9	18464.8	18078.0
77.5°	13209.4	15499.2	18265.3	21031.4	17656.7	14280.1	13321.4	12360.7	12547.9	12733.1	12668.0
80°	9006.5	10512.6	12442.1	14369.6	12122.6	9875.5	9950.9	10024.1	9936.6	9847.0	9977.3
82.5°	5648.1	6708.5	8198.4	9686.2	8493.6	7300.8	7984.7	8668.6	8332.8	7994.9	8121.0
85°	3181.2	3828.5	5285.8	6741.1	6283.1	5823.1	6224.1	6623.0	6102.0	5580.9	5810.9
87.5°	606.5	1009.5	2924.8	4838.0	4392.3	3946.6	3429.6	2912.6	2222.6	1532.6	2238.9
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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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°	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4
2.5°	17544.8	17510.1	17475.6	17351.4	17225.2	17037.9	16883.3	16614.6	16468.1	16246.2	16024.4
5°	18987.8	18768.0	18548.2	18169.6	17789.0	17365.6	16879.2	16339.8	15932.7	15403.6	14874.4
7.5°	19726.6	19213.7	18698.8	17972.2	17243.5	16588.2	15818.8	15102.3	14491.7	13803.8	13115.8
10°	19793.8	19024.4	18253.0	17308.6	16362.3	15566.4	14681.0	13885.2	13152.4	12362.8	11571.0
12.5°	19480.3	18662.2	17841.9	16801.9	15759.7	14856.0	13903.5	13012.0	12199.9	11330.8	10459.7
15°	18816.9	18163.5	17508.2	16533.2	15558.2	14646.4	13722.3	12666.0	11748.0	10858.6	9967.1
17.5°	17927.4	17618.0	17306.7	16602.4	15896.1	15106.4	14210.9	12971.3	11896.6	10929.8	9963.1
20°	17066.4	17180.4	17292.4	17011.5	16730.6	16097.6	15316.0	13923.8	12552.0	11288.1	10022.1
22.5°	16335.8	16883.3	17428.8	17646.5	17862.2	17481.7	16871.1	15261.1	13445.6	11794.9	10144.2
25°	15806.6	16714.3	17622.1	18346.6	19069.2	18900.3	18430.1	16885.3	14630.1	12525.6	10419.0
27.5°	15674.3	16787.6	17901.0	19024.4	20145.9	20302.7	20172.4	18597.0	16042.6	13433.4	10822.0
30°	15881.9	17009.5	18135.0	19502.8	20868.5	21493.3	21668.4	20023.8	17656.7	14491.7	11324.7
32.5°	16268.5	17373.8	18479.0	19968.8	21456.7	22401.1	22958.8	21328.5	18782.2	15289.6	11794.9
35°	16893.4	17927.4	18961.4	20512.3	22063.2	23284.5	24302.1	22675.9	19781.6	15847.3	11910.9
37.5°	17988.5	18877.9	19767.3	21200.3	22631.1	24214.6	25743.1	24159.7	20862.4	16384.6	11904.8
40°	19643.2	20272.2	20899.0	22110.1	23319.1	25311.6	27375.5	25814.4	22057.2	16966.7	11876.3
42.5°	21705.1	22028.7	22350.2	23308.9	24267.6	26457.5	28857.3	27432.5	23196.9	17508.2	11819.3
45°	23844.2	23929.7	24015.1	24619.7	25222.1	27365.3	29866.8	28647.6	24192.2	17978.3	11762.3
47.5°	26054.5	25761.5	25468.4	25708.6	25948.7	28061.5	30587.3	29569.6	25191.6	18499.3	11805.0
50°	28462.4	27646.2	26830.1	26703.8	26577.7	28757.5	31436.1	30742.0	26392.4	19258.5	12124.7
52.5°	30908.9	29563.5	28218.2	27719.5	27218.8	29588.0	32561.6	32201.4	28106.2	20435.0	12761.6
55°	33151.8	31440.1	29728.4	29056.7	28385.1	30858.0	33935.4	34344.6	30302.4	21939.1	13573.8
57.5°	35331.7	33392.1	31452.3	30829.6	30206.7	32724.4	35675.7	36268.0	32520.9	23382.1	14241.4
60°	37411.9	35492.5	33571.1	33072.5	32571.7	35044.7	37556.4	37124.9	33664.7	24057.9	14449.0
62.5°	39011.6	37485.1	35958.6	35696.1	35431.4	37391.5	39001.5	36791.1	32938.1	23392.4	13846.5
65°	39685.3	38816.3	37945.1	38191.4	38435.7	39166.4	39361.7	35814.1	30654.4	21528.0	12401.4
67.5°	37749.8	37926.8	38103.8	39137.9	40169.7	39667.1	38291.2	33888.7	27404.0	18886.1	10368.1
70°	31924.5	32987.0	34047.4	36493.9	38938.4	37823.0	35423.3	30432.6	23492.0	15843.2	8192.3
72.5°	24430.4	25625.1	26817.9	30448.9	34078.0	33050.1	30111.1	24996.2	18835.1	12651.7	6466.3
75°	17689.3	19038.7	20386.1	24391.7	28397.3	26970.4	22523.2	17896.9	14306.5	9657.7	5007.0
77.5°	12600.9	13504.6	14408.2	18365.0	22319.7	19995.3	14992.4	12043.2	9902.0	6712.6	3521.2
80°	10107.6	9830.8	9554.0	11758.3	13962.5	13575.8	9916.2	7734.4	6853.0	4498.2	2143.2
82.5°	8245.2	7569.5	6893.7	7931.8	8969.8	8912.9	6881.5	5674.6	5100.6	3126.3	1152.0
85°	6038.9	5768.2	5497.5	6415.5	7333.4	6549.8	4661.0	3606.7	3977.1	2301.9	626.9
87.5°	2945.2	3364.5	3781.7	4864.5	5945.2	4463.5	1414.6	700.2	968.8	637.1	303.3
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: P383591
 CATALOG NUMBER: GAN-SA8D-735-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: P383591

CATALOG NUMBER: GAN-SA8D-735-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4
2.5°	15859.5	15692.6	15503.3	15314.0	15098.2	14880.4	14752.3	14621.9	14481.6	14341.1	14182.3
5°	14524.3	14174.2	13777.3	13380.4	12987.6	12594.8	12383.1	12171.4	11947.6	11721.6	11526.2
7.5°	12607.0	12096.1	11546.5	10995.0	10506.5	10016.0	9712.7	9407.4	9130.6	8851.8	8617.7
10°	10919.7	10268.4	9716.8	9163.2	8794.7	8426.4	8147.5	7868.7	7600.0	7329.3	7070.8
12.5°	9808.4	9157.0	8806.9	8456.9	8151.6	7846.3	7524.7	7201.0	6832.7	6462.2	6191.5
15°	9374.8	8782.5	8393.8	8003.0	7593.9	7182.8	6787.9	6393.0	5957.5	5521.9	5214.6
17.5°	9187.6	8412.2	7868.7	7323.2	6783.8	6244.4	5786.5	5328.5	4852.2	4376.0	4064.6
20°	8990.2	7958.2	7229.6	6498.8	5806.9	5114.8	4595.8	4076.8	3651.4	3226.0	2987.9
22.5°	8811.0	7475.9	6562.0	5646.1	4827.8	4009.7	3500.8	2989.9	2729.4	2468.9	2373.2
25°	8737.8	7054.5	5931.1	4807.5	3944.5	3079.5	2717.2	2354.9	2255.2	2153.4	2104.6
27.5°	8750.0	6678.0	5399.8	4119.6	3342.0	2564.6	2316.2	2067.9	2006.8	1943.8	1913.2
30°	8796.8	6268.8	4899.1	3529.3	2888.2	2247.0	2086.2	1923.4	1858.3	1793.1	1754.5
32.5°	8849.7	5902.6	4512.4	3120.2	2597.2	2071.9	1939.7	1805.3	1742.3	1679.2	1640.5
35°	8758.1	5603.4	4247.8	2892.3	2409.8	1925.4	1813.5	1699.5	1630.3	1561.1	1524.5
37.5°	8603.4	5302.1	4042.2	2780.3	2287.7	1793.1	1711.7	1628.3	1557.1	1483.8	1449.2
40°	8463.0	5047.7	3889.6	2729.4	2220.5	1709.7	1640.5	1571.3	1498.0	1422.8	1382.0
42.5°	8349.0	4876.7	3739.0	2601.2	2159.5	1715.8	1618.1	1518.3	1447.2	1375.9	1331.1
45°	8263.6	4764.8	3620.9	2477.0	2102.5	1728.0	1603.8	1479.7	1408.5	1335.2	1282.3
47.5°	8255.4	4705.7	3537.5	2369.1	1994.6	1618.1	1567.2	1516.4	1412.5	1306.7	1245.7
50°	8367.3	4610.0	3439.7	2267.4	1890.9	1514.3	1583.5	1650.7	1473.6	1294.5	1217.2
52.5°	8601.4	4441.2	3285.1	2129.0	1764.6	1398.3	1506.1	1612.0	1459.4	1304.6	1205.0
55°	8884.4	4192.8	3051.0	1907.2	1597.8	1286.4	1382.0	1475.7	1380.0	1282.3	1162.2
57.5°	9061.4	3879.4	2755.9	1632.4	1410.5	1188.7	1243.6	1296.5	1257.9	1219.2	1097.1
60°	8955.5	3462.1	2424.1	1384.0	1245.7	1107.2	1097.1	1084.9	1141.8	1198.8	1058.4
62.5°	8438.6	3030.6	2131.0	1231.4	1127.5	1021.7	999.4	975.0	1068.6	1160.1	1011.6
65°	7565.4	2729.4	1945.8	1162.2	1046.1	930.2	905.7	881.3	909.8	938.3	869.1
67.5°	6456.2	2544.1	1840.0	1135.7	995.3	852.8	824.3	795.8	789.7	783.6	759.2
70°	5312.2	2430.2	1770.8	1111.3	940.3	767.3	740.9	714.4	706.3	696.1	677.8
72.5°	4441.2	2416.0	1762.6	1109.3	895.6	681.8	657.4	633.0	622.8	610.6	596.4
75°	3637.1	2267.4	1673.1	1078.7	834.5	588.2	565.8	543.5	535.3	525.1	512.9
77.5°	2698.9	1876.6	1406.5	936.3	714.4	492.6	470.2	445.7	443.7	439.6	429.4
80°	1750.4	1357.5	1005.4	653.4	521.0	386.7	368.4	348.0	350.1	352.1	344.0
82.5°	972.9	791.7	614.6	437.6	356.2	274.8	266.6	256.5	262.6	266.6	256.5
85°	512.9	398.9	329.8	260.6	205.6	150.6	150.6	148.6	156.7	164.9	156.7
87.5°	221.9	140.5	120.1	97.7	55.0	10.2	12.2	12.2	16.3	20.3	18.4
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: P383591
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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: P383591

CATALOG NUMBER: GAN-SA8D-735-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4
2.5°	14021.6	13873.0	13722.3	13557.5	13588.0	13461.8	13335.7	13256.3	13176.9	13152.4	13128.0
5°	11330.8	11161.9	10991.0	10838.3	10970.6	10881.0	10791.4	10779.2	10765.0	10765.0	10762.9
7.5°	8383.6	8202.5	8019.3	7893.1	8023.3	8007.1	7990.8	8078.3	8165.9	8237.1	8306.2
10°	6812.3	6592.5	6370.7	6183.4	6150.8	6057.2	5961.5	5981.9	6000.2	6077.6	6154.9
12.5°	5920.8	5658.3	5395.7	5175.9	5076.2	4921.5	4764.8	4667.1	4569.3	4579.6	4587.7
15°	4905.3	4650.8	4394.3	4205.0	4141.9	4021.9	3901.8	3779.7	3655.5	3604.6	3551.7
17.5°	3751.2	3547.6	3342.0	3215.9	3215.9	3181.2	3146.7	3085.6	3022.5	2971.6	2918.7
20°	2749.7	2641.9	2531.9	2479.0	2495.3	2497.4	2497.4	2527.9	2558.4	2542.2	2525.9
22.5°	2275.5	2236.8	2198.2	2175.8	2183.9	2186.0	2188.0	2216.5	2243.0	2263.3	2281.6
25°	2053.7	2029.3	2004.8	1996.7	2015.0	2017.1	2017.1	2035.3	2053.7	2074.0	2094.4
27.5°	1880.7	1870.5	1860.3	1846.0	1864.4	1864.4	1862.3	1882.7	1901.0	1919.4	1935.7
30°	1715.8	1719.9	1721.9	1717.9	1730.1	1738.2	1744.3	1758.6	1770.8	1785.0	1799.3
32.5°	1599.7	1593.7	1587.5	1583.5	1610.0	1624.2	1638.5	1652.8	1665.0	1671.0	1677.2
35°	1487.9	1473.6	1459.4	1449.2	1473.6	1491.9	1510.2	1536.7	1561.1	1565.2	1569.3
37.5°	1412.5	1394.2	1375.9	1363.7	1373.8	1382.0	1390.1	1418.7	1447.2	1463.5	1477.7
40°	1341.3	1323.0	1304.6	1294.5	1300.6	1302.6	1304.6	1318.9	1331.1	1361.6	1390.1
42.5°	1284.3	1261.9	1239.5	1227.3	1231.4	1235.4	1237.5	1235.4	1233.5	1261.9	1290.4
45°	1227.3	1202.9	1178.5	1164.2	1166.3	1166.3	1166.3	1162.2	1156.1	1170.3	1184.6
47.5°	1182.5	1154.0	1125.6	1111.3	1107.2	1103.1	1099.1	1097.1	1093.0	1103.1	1111.3
50°	1137.8	1107.2	1074.6	1058.4	1048.2	1044.2	1040.1	1038.0	1033.9	1044.2	1052.3
52.5°	1103.1	1066.5	1029.9	1003.5	993.2	987.2	981.0	983.1	983.1	987.2	989.2
55°	1042.1	1009.5	975.0	956.6	938.3	934.2	930.2	936.3	940.3	940.3	940.3
57.5°	975.0	944.4	911.8	899.6	883.4	883.4	881.3	889.4	895.6	899.6	903.7
60°	915.9	881.3	846.7	836.5	830.4	828.4	826.4	836.5	844.6	852.8	860.9
62.5°	860.9	824.3	787.7	775.5	773.5	775.5	775.5	785.7	793.8	802.0	810.1
65°	799.9	763.2	724.6	712.4	716.5	722.5	728.7	736.8	742.9	751.0	759.2
67.5°	732.8	702.2	669.6	657.4	659.4	667.6	675.7	681.8	685.9	694.1	702.2
70°	659.4	633.0	606.5	598.4	596.4	606.5	614.6	618.7	622.8	633.0	641.1
72.5°	580.1	557.7	535.3	529.2	531.3	537.3	543.5	549.5	553.6	563.8	572.0
75°	498.7	478.3	457.9	453.8	457.9	464.1	470.2	474.3	478.3	490.6	500.7
77.5°	419.3	396.9	372.4	370.5	376.5	382.7	386.7	392.8	398.9	415.2	431.5
80°	335.8	311.4	285.0	282.9	289.1	295.1	301.3	307.3	313.5	333.8	352.1
82.5°	246.3	217.8	189.3	185.2	205.6	211.6	217.8	227.9	236.1	254.4	272.8
85°	148.6	120.1	91.6	89.5	107.9	118.0	128.2	140.5	150.6	166.9	183.1
87.5°	16.3	8.1	0.0	0.0	2.0	10.2	18.4	28.5	38.7	55.0	69.2
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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 CATALOG NUMBER: GAN-SA8D-735-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-SA8D-735-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4
2.5°	13038.5	12946.9	13040.5	13132.1	13170.8	13209.4	13109.8	13007.9	13166.7	13323.5	13364.2
5°	10681.5	10598.1	10661.2	10722.2	10585.9	10449.5	10435.3	10419.0	10537.0	10655.0	10673.4
7.5°	8279.8	8253.3	8312.4	8371.4	8198.4	8023.3	7937.9	7852.4	7880.9	7909.4	7905.3
10°	6173.3	6189.5	6262.8	6334.1	6199.7	6065.4	6006.3	5947.3	6012.4	6075.6	6134.5
12.5°	4624.3	4658.9	4736.3	4811.5	4756.7	4699.7	4705.7	4711.9	4787.1	4860.4	4925.6
15°	3592.4	3633.1	3688.1	3741.0	3743.1	3743.1	3796.0	3846.8	3840.7	3834.6	3879.4
17.5°	2973.7	3026.6	3032.7	3038.8	3040.9	3042.9	3038.8	3034.7	3004.1	2973.7	3008.2
20°	2546.2	2564.6	2580.9	2595.1	2576.8	2556.4	2505.5	2454.6	2434.3	2413.9	2446.5
22.5°	2316.2	2348.8	2332.5	2314.2	2277.5	2238.9	2200.2	2159.5	2157.5	2153.4	2171.7
25°	2122.9	2149.4	2120.9	2092.3	2065.9	2039.4	2013.0	1986.5	1984.5	1982.4	1990.5
27.5°	1962.1	1986.5	1960.1	1933.6	1911.2	1888.8	1868.5	1848.1	1844.0	1840.0	1842.0
30°	1823.7	1846.0	1823.7	1799.3	1783.0	1764.6	1750.4	1736.1	1734.1	1732.1	1732.1
32.5°	1699.5	1721.9	1705.7	1689.4	1675.1	1660.9	1650.7	1640.5	1630.3	1620.1	1597.8
35°	1591.6	1614.0	1603.8	1591.6	1575.3	1559.0	1540.8	1520.4	1493.9	1465.4	1453.2
37.5°	1500.1	1522.4	1512.3	1502.1	1479.7	1457.3	1424.7	1390.1	1382.0	1371.8	1369.7
40°	1426.8	1461.4	1441.0	1418.7	1384.0	1349.4	1333.1	1316.8	1312.8	1308.7	1304.6
42.5°	1345.3	1398.3	1361.6	1325.0	1292.4	1259.9	1255.8	1251.7	1249.7	1247.7	1247.7
45°	1243.6	1300.6	1263.9	1225.3	1207.0	1188.7	1188.7	1188.7	1190.7	1190.7	1194.7
47.5°	1147.9	1182.5	1164.2	1145.9	1135.7	1125.6	1127.5	1129.6	1135.7	1139.8	1150.0
50°	1066.5	1078.7	1082.8	1084.9	1078.7	1072.7	1076.7	1078.7	1084.9	1088.9	1097.1
52.5°	1007.5	1025.8	1025.8	1023.8	1023.8	1023.8	1027.9	1032.0	1038.0	1044.2	1052.3
55°	968.8	995.3	987.2	979.0	981.0	981.0	985.1	989.2	995.3	999.4	1011.6
57.5°	932.2	960.7	952.5	944.4	944.4	944.4	946.5	948.5	954.6	958.7	966.8
60°	889.4	917.9	909.8	899.6	901.6	903.7	905.7	905.7	909.8	911.8	911.8
62.5°	838.6	867.1	858.9	848.7	854.9	858.9	858.9	858.9	863.0	865.0	858.9
65°	785.7	812.1	803.9	795.8	803.9	810.1	814.2	816.2	814.2	812.1	806.0
67.5°	728.7	755.1	747.0	736.8	747.0	755.1	763.2	769.4	763.2	757.2	749.0
70°	667.6	694.1	683.8	673.7	683.8	694.1	702.2	710.3	702.2	694.1	692.0
72.5°	602.4	633.0	620.8	608.6	620.8	633.0	637.1	641.1	635.0	628.9	624.9
75°	531.3	561.7	551.6	539.4	549.5	559.8	561.7	563.8	563.8	561.7	549.5
77.5°	455.9	480.3	474.3	468.1	474.3	480.3	480.3	480.3	482.4	482.4	466.1
80°	366.4	380.6	382.7	384.6	386.7	388.7	386.7	384.6	380.6	376.5	366.4
82.5°	272.8	272.8	289.1	303.3	303.3	301.3	299.2	295.1	287.0	276.8	254.4
85°	173.0	162.8	189.3	213.7	213.7	211.6	207.6	201.5	185.2	166.9	148.6
87.5°	59.1	48.8	75.3	101.7	103.8	103.8	99.8	95.7	79.4	61.0	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



REPORT NUMBER: P383591
 CATALOG NUMBER: GAN-SA8D-735-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: P383591
 CATALOG NUMBER: GAN-SA8D-735-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4
2.5°	13425.2	13451.6	13476.0	13675.6	13873.0	14105.0	14337.1	14514.1	14689.2	14870.3	15051.5
5°	10736.5	10769.1	10801.7	11043.9	11284.0	11607.6	11931.3	12210.1	12489.0	12816.6	13144.3
7.5°	7958.2	8029.5	8098.7	8357.2	8613.6	8961.7	9307.7	9672.0	10034.3	10461.7	10889.1
10°	6250.6	6384.9	6517.2	6781.8	7046.4	7390.3	7732.3	8112.9	8493.6	8914.8	9334.1
12.5°	5059.9	5239.0	5416.1	5733.6	6051.1	6462.2	6871.4	7294.7	7716.0	8086.5	8456.9
15°	3997.5	4192.8	4386.2	4722.0	5057.8	5509.7	5959.5	6421.5	6881.5	7325.2	7768.9
17.5°	3118.2	3279.0	3437.7	3722.7	4005.6	4443.2	4880.8	5365.2	5849.7	6391.0	6930.3
20°	2515.7	2582.9	2650.1	2855.6	3059.1	3415.3	3769.5	4264.1	4758.6	5405.9	6053.1
22.5°	2204.3	2238.9	2271.5	2371.2	2468.9	2698.9	2926.8	3364.5	3800.0	4506.3	5210.5
25°	2017.1	2043.5	2070.0	2135.1	2200.2	2310.1	2420.1	2727.4	3034.7	3728.8	4420.8
27.5°	1848.1	1888.8	1927.5	1958.0	1986.5	2061.8	2135.1	2336.6	2538.1	3185.3	3830.5
30°	1726.0	1740.2	1754.5	1801.3	1846.0	1923.4	2000.8	2141.2	2281.6	2829.1	3374.6
32.5°	1583.5	1603.8	1624.2	1673.1	1721.9	1793.1	1864.4	1978.3	2090.3	2558.4	3024.5
35°	1455.3	1475.7	1496.0	1544.9	1591.6	1669.0	1744.3	1840.0	1933.6	2340.7	2747.7
37.5°	1375.9	1396.3	1416.6	1459.4	1500.1	1577.4	1652.8	1728.0	1801.3	2177.9	2554.4
40°	1308.7	1329.1	1349.4	1390.1	1428.8	1504.2	1577.4	1640.5	1703.6	2055.7	2407.9
42.5°	1249.7	1272.1	1294.5	1335.2	1373.8	1441.0	1508.2	1591.6	1673.1	1949.9	2224.6
45°	1200.9	1223.2	1243.6	1288.4	1333.1	1398.3	1463.5	1579.4	1695.4	1895.0	2094.4
47.5°	1156.1	1180.6	1202.9	1251.7	1300.6	1382.0	1461.4	1559.0	1654.7	1852.2	2049.6
50°	1113.4	1141.8	1170.3	1229.4	1286.4	1422.8	1557.1	1571.3	1583.5	1817.5	2049.6
52.5°	1072.7	1105.2	1137.8	1211.0	1282.3	1441.0	1599.7	1548.9	1496.0	1752.4	2008.9
55°	1032.0	1060.4	1086.8	1176.5	1266.0	1382.0	1498.0	1430.9	1361.6	1630.3	1899.0
57.5°	977.0	1007.5	1036.0	1131.6	1227.3	1308.7	1388.1	1327.1	1263.9	1491.9	1717.9
60°	920.0	954.6	989.2	1111.3	1231.4	1217.2	1200.9	1188.7	1174.4	1337.2	1500.1
62.5°	869.1	905.7	942.4	1101.1	1259.9	1162.2	1064.5	1074.6	1082.8	1202.9	1323.0
65°	818.2	854.9	889.4	968.8	1048.2	1009.5	970.9	987.2	1001.4	1119.4	1237.5
67.5°	761.3	793.8	824.3	850.8	877.2	881.3	885.3	901.6	917.9	1058.4	1196.8
70°	698.1	724.6	751.0	769.4	785.7	793.8	799.9	820.2	840.6	993.2	1145.9
72.5°	626.9	649.3	669.6	685.9	702.2	708.3	712.4	732.8	753.1	915.9	1078.7
75°	549.5	567.9	584.2	598.4	612.7	620.8	628.9	643.1	657.4	834.5	1009.5
77.5°	464.1	482.4	498.7	510.9	521.0	529.2	535.3	553.6	572.0	720.6	867.1
80°	362.3	384.6	405.0	415.2	423.4	425.3	425.3	441.6	457.9	563.8	667.6
82.5°	256.5	280.9	303.3	311.4	319.5	319.5	319.5	337.9	356.2	427.4	496.6
85°	150.6	177.1	201.5	209.6	217.8	221.9	223.9	232.0	238.1	289.1	337.9
87.5°	46.9	69.2	89.5	93.6	97.7	105.8	114.0	116.0	116.0	150.6	185.2
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):

	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: P383591

CATALOG NUMBER: GAN-SA8D-735-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4	15509.4
2.5°	15259.0	15466.7	15708.9	15949.0	16154.6	16360.2	16531.2
5°	13561.6	13978.8	14489.7	14998.6	15452.4	15906.3	16433.4
7.5°	11428.5	11967.9	12629.4	13290.9	13932.0	14571.1	15381.2
10°	9883.7	10431.2	11131.3	11829.4	12550.0	13268.5	14184.4
12.5°	8902.6	9346.3	10024.1	10701.9	11548.6	12393.3	13274.6
15°	8255.4	8739.8	9399.3	10058.8	10984.8	11910.9	12924.5
17.5°	7565.4	8198.4	9043.1	9887.7	10984.8	12079.8	13274.6
20°	6842.9	7630.6	8725.5	9820.6	11298.3	12773.8	14298.3
22.5°	6122.3	7034.2	8438.6	9841.0	11772.5	13702.0	15759.7
25°	5473.0	6525.3	8263.6	9999.7	12462.5	14923.2	17475.6
27.5°	4980.5	6128.5	8192.3	10254.1	13337.7	16421.2	19342.0
30°	4542.9	5711.2	8106.8	10502.5	14180.3	17856.2	20801.4
32.5°	4164.3	5304.1	7941.9	10577.7	14768.6	18959.3	22036.8
35°	3867.1	4986.6	7665.1	10343.7	15136.9	19930.2	23323.2
37.5°	3610.7	4667.1	7349.6	10032.3	15464.6	20897.0	24770.3
40°	3366.5	4325.2	7078.9	9830.8	15916.5	22002.2	26298.8
42.5°	3134.5	4044.2	6861.2	9678.1	16335.8	22991.3	27636.0
45°	2961.5	3828.5	6667.8	9505.1	16606.4	23707.8	28643.5
47.5°	2876.0	3700.3	6564.1	9425.8	16877.1	24326.5	29480.0
50°	2863.8	3677.8	6682.1	9686.2	17463.4	25238.4	30436.7
52.5°	2861.7	3714.5	7022.0	10329.5	18552.2	26773.1	31472.7
55°	2819.0	3736.9	7427.0	11115.0	20013.6	28910.2	33335.1
57.5°	2688.7	3659.6	7844.3	12026.9	21558.4	31088.0	35433.5
60°	2487.2	3472.3	8188.2	12902.1	22596.6	32288.8	36241.5
62.5°	2234.8	3144.6	8302.2	13457.8	22568.0	31678.3	35427.4
65°	2019.0	2800.6	7927.7	13052.8	21426.2	29797.6	33817.4
67.5°	1827.8	2456.7	6991.5	11524.2	19372.5	27218.8	31769.9
70°	1689.4	2230.8	5784.4	9338.2	16801.9	24263.5	29398.7
72.5°	1601.8	2122.9	4716.0	7307.0	13634.9	19960.7	25146.8
75°	1481.7	1953.9	3700.3	5444.6	10435.3	15426.0	18994.0
77.5°	1257.9	1646.6	2788.4	3930.3	7657.0	11381.7	13209.4
80°	970.9	1272.1	1917.3	2562.5	5269.6	7976.6	9006.5
82.5°	692.0	887.4	1162.2	1437.0	3500.8	5562.6	5648.1
85°	427.4	517.0	665.6	814.2	2316.2	3818.3	3181.2
87.5°	230.0	274.8	352.1	427.4	740.9	1054.3	606.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P383591
CATALOG NUMBER: GAN-SA8D-735-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)