

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: P320341

Luminaire Tested: **GAN-SA7D-740-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320341
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-SA7D-740-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 70 CRI, 4000K, 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: 48231 lumens
Efficiency: N/A
Efficacy: 107.7 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G5

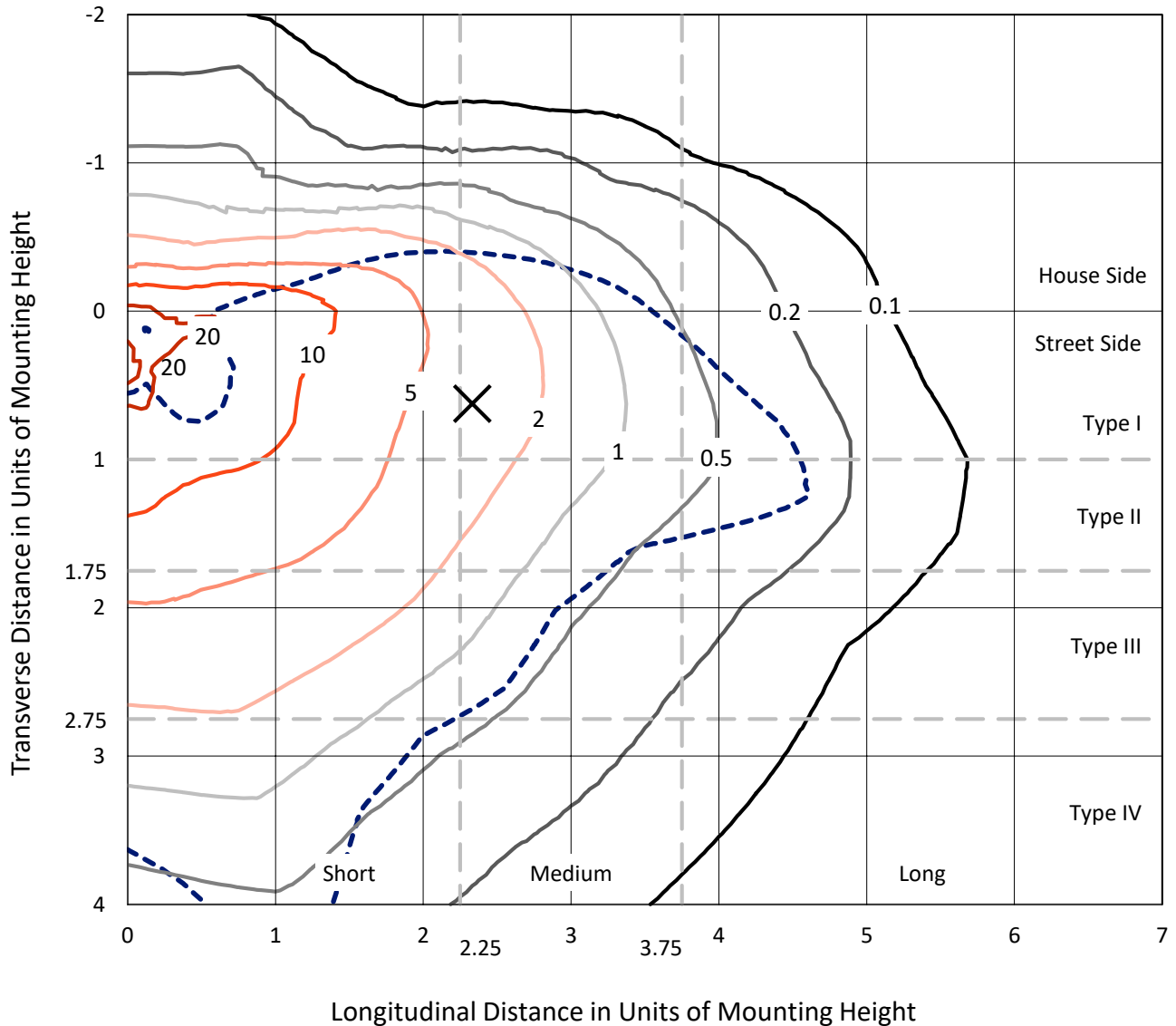
Input Watts (W): 448
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

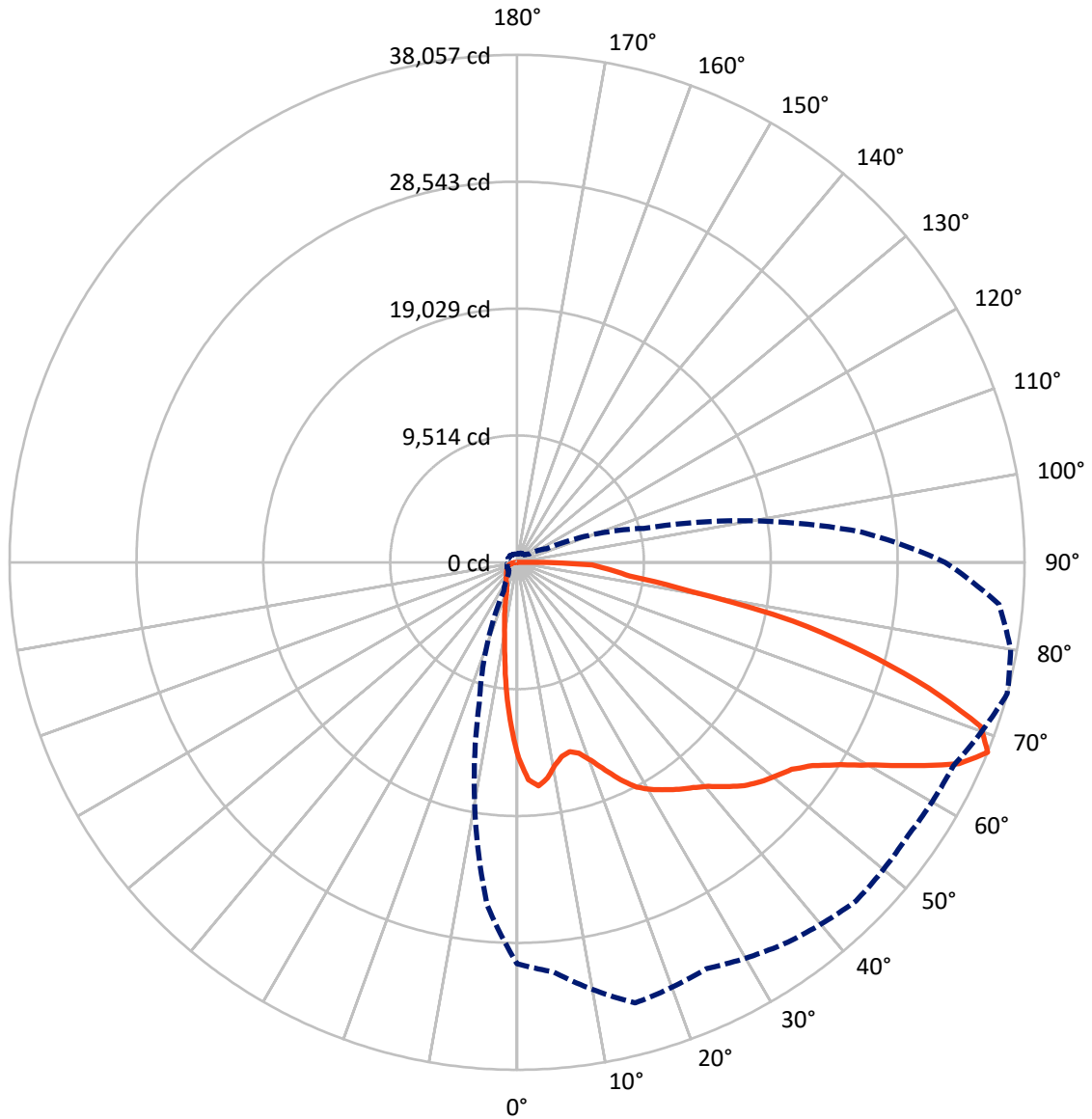
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 29.6 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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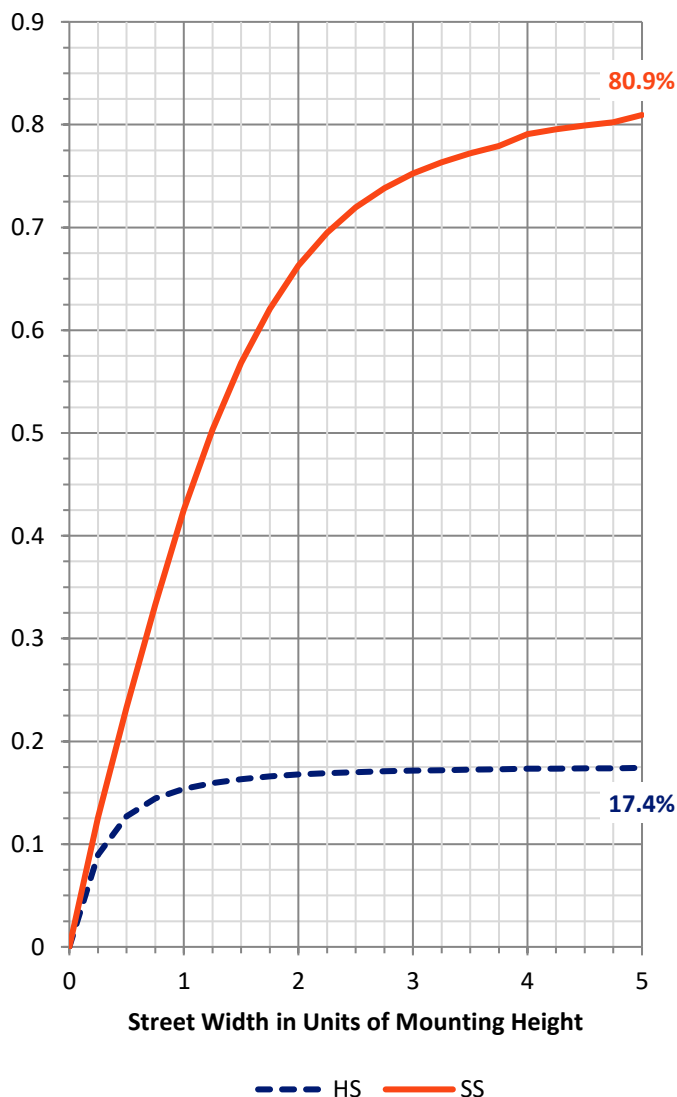
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8494.7	0.0	8494.7
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	39736.3	0.0	39736.3
	% Fixture	82.4	0.0	82.4
Total	Lumens	48231.0	0.0	48231.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1134.0	2.4
10°-20°	2355.8	4.9
20°-30°	3350.5	6.9
30°-40°	4828.1	10.0
40°-50°	6804.1	14.1
50°-60°	9458.9	19.6
60°-70°	11438.7	23.7
70°-80°	7031.2	14.6
80°-90°	1829.6	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°	48231.0	100.0
0°-180°	48231.0	100.0

Coefficient of Utilization

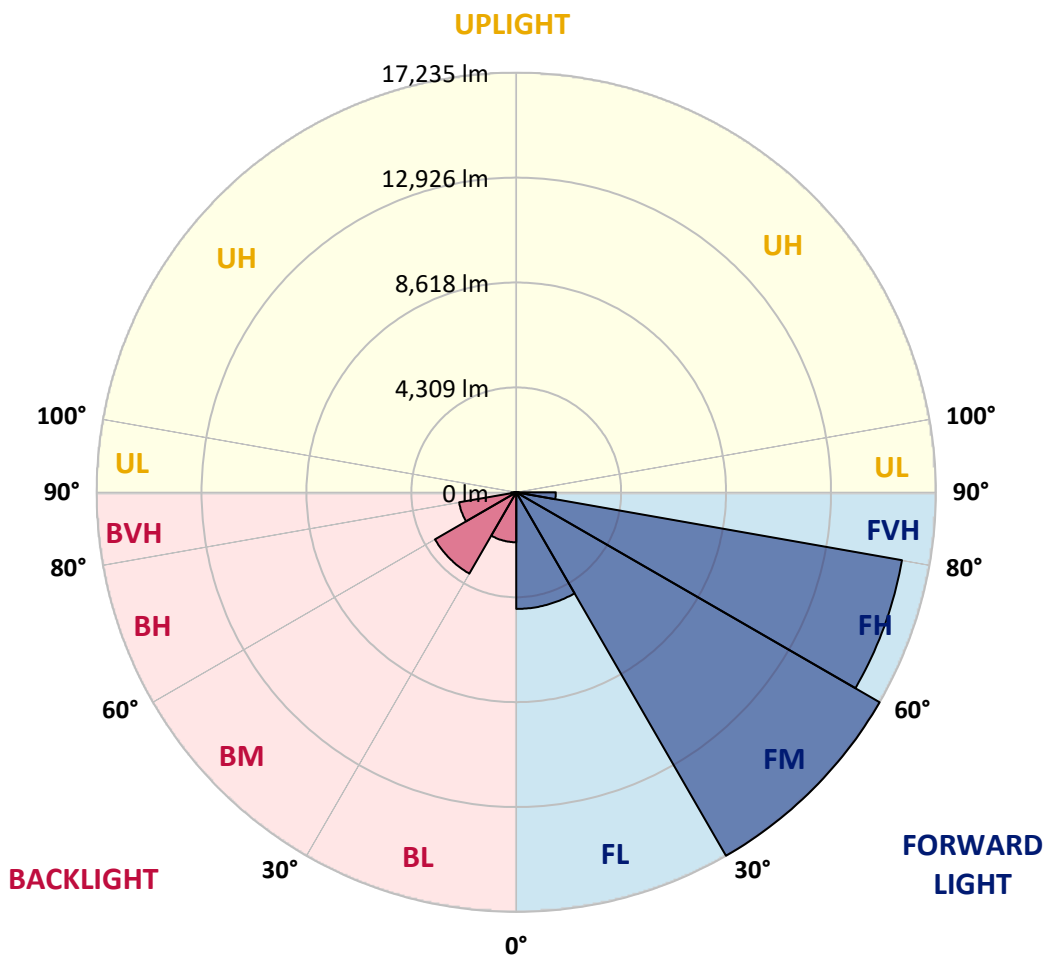


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4788.8	9.9			
FM (30°-60°)	17235.2	35.7			
FH (60°-80°)	16088.2	33.4			G5
FVH (80°-90°)	1624.0	3.4			G5
BL (0°-30°)	2051.6	4.3	B3/2500		
BM (30°-60°)	3855.9	8.0	B3/5000		
BH (60°-80°)	2381.6	4.9	B3/2500		G3/2500
BVH (80°-90°)	205.6	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°	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8
2.5°	15661.8	15868.1	16010.8	16151.6	16261.5	16369.5	16527.6	16685.8	16716.6	16745.5	16683.8
5°	15569.3	16072.5	16500.6	16926.8	17322.1	17717.4	17954.6	18191.8	18240.0	18288.2	18139.7
7.5°	14572.3	15314.7	16057.1	16799.5	17480.2	18160.9	18575.5	18988.2	19082.7	19175.2	18932.2
10°	13438.5	14302.4	15214.4	16126.5	17023.2	17919.9	18519.6	19119.3	19238.9	19358.4	19055.7
12.5°	12576.5	13519.5	14493.3	15467.1	16413.9	17358.7	17979.7	18600.6	18749.1	18897.5	18677.7
15°	12244.8	13278.4	14194.4	15110.3	15935.6	16759.0	17268.1	17775.3	17837.0	17896.7	17862.0
17.5°	12576.5	13716.1	14545.3	15372.6	15821.9	16269.2	16473.6	16676.1	16743.6	16809.2	16897.9
20°	13546.4	14776.7	15361.0	15943.4	15924.1	15902.9	15804.5	15704.2	15686.9	15669.5	15920.2
22.5°	14931.0	16359.9	16593.2	16824.6	16282.7	15740.9	15411.1	15079.5	15013.9	14946.4	15212.5
25°	16556.6	18078.0	18035.6	17991.2	16959.6	15926.0	15297.4	14668.7	14595.5	14522.2	14749.7
27.5°	18324.8	19778.8	19501.1	19223.4	17821.5	16419.6	15507.6	14595.5	14522.2	14448.9	14649.4
30°	19707.4	21026.4	20581.0	20135.5	18548.5	16961.5	15877.8	14794.1	14674.5	14553.0	14799.9
32.5°	20877.9	22000.2	21402.4	20804.6	19138.6	17472.5	16300.1	15127.7	14940.6	14753.6	15083.3
35°	22096.6	22972.1	22131.3	21288.7	19665.0	18039.4	16799.5	15557.7	15328.2	15098.7	15551.9
37.5°	23467.7	24194.6	22987.5	21778.4	20257.0	18735.6	17547.7	16357.9	16122.7	15887.4	16465.9
40°	24915.8	25521.3	23911.2	22301.0	20904.9	19508.8	18583.2	17655.7	17432.0	17206.4	17908.3
42.5°	26182.7	26624.3	24771.2	22918.1	21685.9	20451.8	19800.0	19146.3	19144.4	19140.5	19852.1
45°	27137.3	27521.0	25488.5	23454.2	22447.6	21439.1	21099.7	20760.3	21032.2	21304.1	21948.1
47.5°	27929.8	28190.1	26090.2	23988.3	23319.2	22650.0	22700.2	22750.3	23303.7	23857.2	24271.8
50°	28836.1	28625.9	26635.9	24643.9	24437.6	24231.3	24682.5	25131.8	25768.1	26402.6	26684.1
52.5°	29817.6	29260.3	27376.4	25490.5	25721.9	25953.3	26871.1	27789.0	28431.2	29073.3	29179.3
55°	31582.0	30727.8	28737.8	26745.8	27191.2	27634.8	28982.7	30328.6	30830.0	31331.3	31369.9
57.5°	33570.1	32812.3	30644.9	28477.4	28955.7	29433.9	30990.0	32544.3	33086.1	33626.0	33550.8
60°	34335.7	34372.3	32455.6	30536.9	31019.0	31501.0	33016.7	34532.4	35155.2	35776.1	35610.3
62.5°	33564.3	34468.7	33444.8	32418.9	32856.6	33292.4	34777.3	36262.1	36900.3	37538.6	37249.4
65°	32039.0	32935.7	33394.6	33853.6	33998.2	34142.8	35529.3	36913.8	37403.6	37891.5	37744.9
67.5°	30099.2	30824.2	32517.3	34208.4	33917.2	33626.0	34275.9	34925.7	35429.0	35932.3	35849.4
70°	27852.7	28716.5	30974.6	33232.7	31801.9	30369.1	30101.1	29833.0	30376.8	30918.7	30583.2
72.5°	23824.4	25127.9	27536.4	29943.0	27306.9	24670.9	23755.0	22839.0	23527.4	24215.8	23681.7
75°	17995.1	19724.8	22385.9	25045.0	21899.9	18754.8	17532.3	16309.7	16901.7	17493.7	17127.3
77.5°	12514.8	14684.2	17304.7	19925.3	16728.2	13529.1	12620.9	11710.7	11888.1	12063.6	12001.9
80°	8532.8	9959.8	11787.8	13613.9	11485.1	9356.2	9427.6	9497.0	9414.1	9329.2	9452.6
82.5°	5351.1	6355.7	7767.3	9176.9	8046.9	6916.9	7564.8	8212.7	7894.5	7574.4	7694.0
85°	3014.0	3627.2	5007.8	6386.6	5952.7	5516.9	5896.8	6274.8	5781.1	5287.5	5505.4
87.5°	574.6	956.4	2771.0	4583.6	4161.3	3739.0	3249.2	2759.4	2105.7	1452.0	2121.2
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°	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8
2.5°	16622.1	16589.3	16556.6	16438.9	16319.4	16142.0	15995.4	15740.9	15602.0	15391.9	15181.7
5°	17989.3	17781.0	17572.8	17214.1	16853.5	16452.4	15991.6	15480.6	15094.9	14593.5	14092.2
7.5°	18689.3	18203.3	17715.5	17027.1	16336.7	15715.8	14986.9	14308.1	13729.6	13077.9	12426.1
10°	18752.9	18024.0	17293.2	16398.4	15501.8	14747.8	13909.0	13155.0	12460.8	11712.6	10962.5
12.5°	18456.0	17680.8	16903.7	15918.3	14931.0	14074.8	13172.4	12327.8	11558.4	10735.0	9909.6
15°	17827.3	17208.3	16587.4	15663.7	14740.1	13876.2	13000.7	11999.9	11130.3	10287.6	9443.0
17.5°	16984.6	16691.5	16396.5	15729.3	15060.2	14312.0	13463.5	12289.2	11271.0	10355.1	9439.1
20°	16169.0	16277.0	16383.0	16116.9	15850.8	15251.1	14510.6	13191.6	11892.0	10694.5	9495.0
22.5°	15476.7	15995.4	16512.2	16718.5	16922.9	16562.3	15983.8	14458.5	12738.5	11174.6	9610.7
25°	14975.3	15835.4	16695.4	17381.9	18066.4	17906.4	17460.9	15997.3	13860.8	11866.9	9871.1
27.5°	14850.0	15904.8	16959.6	18024.0	19086.5	19235.0	19111.6	17619.1	15199.0	12726.9	10252.9
30°	15046.7	16115.0	17181.3	18477.2	19771.1	20363.1	20528.9	18970.8	16728.2	13729.6	10729.2
32.5°	15413.1	16460.1	17507.2	18918.7	20328.4	21223.1	21751.5	20206.9	17794.5	14485.5	11174.6
35°	16005.1	16984.6	17964.2	19433.6	20903.0	22060.0	23024.1	21483.4	18741.3	15013.9	11284.5
37.5°	17042.5	17885.2	18727.8	20085.4	21441.0	22941.2	24389.4	22889.2	19765.3	15523.0	11278.7
40°	18610.2	19206.1	19800.0	20947.3	22092.8	23980.6	25935.9	24456.9	20897.2	16074.5	11251.7
42.5°	20563.6	20870.2	21174.9	22083.1	22991.4	25066.2	27339.7	25989.9	21977.1	16587.4	11197.8
45°	22590.3	22671.3	22752.3	23325.0	23895.7	25926.3	28296.2	27141.1	22920.0	17032.9	11143.8
47.5°	24684.4	24406.7	24129.1	24356.6	24584.2	26585.8	28978.8	28014.6	23866.8	17526.5	11184.3
50°	26965.6	26192.4	25419.1	25299.6	25180.0	27245.2	29782.9	29125.3	25004.5	18245.8	11487.0
52.5°	29283.5	28008.9	26734.2	26261.8	25787.4	28032.0	30849.3	30508.0	26628.2	19360.3	12090.6
55°	31408.5	29786.8	28165.0	27528.7	26892.4	29235.3	32150.9	32538.5	28708.8	20785.4	12860.0
57.5°	33473.7	31636.0	29798.3	29208.3	28618.2	31003.5	33799.6	34360.7	30810.7	22152.5	13492.5
60°	35444.5	33626.0	31805.7	31333.3	30858.9	33201.8	35581.4	35172.6	31894.4	22792.7	13689.1
62.5°	36960.1	35513.9	34067.6	33818.9	33568.2	35425.2	36950.5	34856.3	31206.0	22162.2	13118.4
65°	37598.4	36775.0	35949.7	36183.0	36414.4	37106.7	37291.8	33930.7	29042.4	20395.8	11749.3
67.5°	35764.6	35932.3	36100.1	37079.7	38057.3	37581.0	36277.5	32106.5	25962.9	17892.9	9822.9
70°	30245.7	31252.3	32256.9	34574.8	36890.7	35834.0	33560.5	28832.2	22256.7	15010.0	7761.5
72.5°	23145.6	24277.6	25407.5	28847.7	32285.9	31312.1	28527.6	23681.7	17844.7	11986.4	6126.3
75°	16759.0	18037.5	19314.1	23109.0	26903.9	25552.2	21338.8	16955.7	13554.2	9149.9	4743.7
77.5°	11938.2	12794.4	13650.6	17399.2	21146.0	18943.8	14204.0	11409.9	9381.3	6359.6	3336.0
80°	9576.0	9313.8	9051.5	11139.9	13228.3	12861.9	9394.8	7327.6	6492.7	4261.6	2030.5
82.5°	7811.6	7171.4	6531.2	7514.7	8498.1	8444.1	6519.7	5376.2	4832.4	2961.9	1091.4
85°	5721.3	5464.9	5208.4	6078.1	6947.7	6205.3	4415.9	3417.0	3767.9	2180.9	593.9
87.5°	2790.3	3187.5	3582.8	4608.7	5632.6	4228.8	1340.2	663.3	917.9	603.6	287.3
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: P320341
 CATALOG NUMBER: GAN-SA7D-740-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: P320341

CATALOG NUMBER: GAN-SA7D-740-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8
2.5°	15025.5	14867.3	14688.0	14508.7	14304.3	14097.9	13976.5	13853.1	13720.0	13586.9	13436.5
5°	13760.5	13428.8	13052.8	12676.8	12304.6	11932.4	11731.9	11531.4	11319.2	11105.2	10920.1
7.5°	11944.0	11460.0	10939.4	10416.8	9954.0	9489.3	9201.9	8912.7	8650.4	8386.3	8164.5
10°	10345.4	9728.4	9205.8	8681.3	8332.3	7983.2	7719.1	7454.9	7200.3	6943.9	6699.0
12.5°	9292.6	8675.5	8343.8	8012.2	7722.9	7433.7	7129.0	6822.4	6473.4	6122.4	5866.0
15°	8881.8	8320.7	7952.4	7582.2	7194.6	6805.0	6430.9	6056.9	5644.2	5231.5	4940.4
17.5°	8704.4	7969.7	7454.9	6938.1	6427.1	5916.1	5482.2	5048.3	4597.1	4145.9	3850.9
20°	8517.4	7539.7	6849.4	6157.1	5501.5	4845.9	4354.1	3862.4	3459.4	3056.4	2830.8
22.5°	8347.7	7082.7	6216.9	5349.2	4574.0	3798.8	3316.7	2832.7	2585.9	2339.1	2248.4
25°	8278.3	6683.6	5619.1	4554.7	3737.1	2917.5	2574.3	2231.1	2136.6	2040.2	1993.9
27.5°	8289.8	6326.8	5115.8	3902.9	3166.3	2429.7	2194.4	1959.2	1901.3	1841.5	1812.6
30°	8334.2	5939.2	4641.5	3343.7	2736.3	2128.9	1976.5	1822.3	1760.6	1698.9	1662.2
32.5°	8384.3	5592.1	4275.1	2956.1	2460.5	1963.0	1837.7	1710.4	1650.6	1590.9	1554.2
35°	8297.6	5308.7	4024.4	2740.1	2283.1	1824.2	1718.1	1610.1	1544.6	1479.0	1444.3
37.5°	8151.0	5023.3	3829.6	2634.1	2167.4	1698.9	1621.7	1542.7	1475.2	1405.7	1373.0
40°	8018.0	4782.2	3685.0	2585.9	2103.8	1619.8	1554.2	1488.7	1419.2	1347.9	1309.3
42.5°	7910.0	4620.3	3542.3	2464.4	2045.9	1625.6	1533.0	1438.5	1371.0	1303.5	1261.1
45°	7829.0	4514.2	3430.5	2346.8	1992.0	1637.1	1519.5	1401.9	1334.4	1265.0	1214.8
47.5°	7821.3	4458.3	3351.4	2244.6	1889.8	1533.0	1484.8	1436.6	1338.3	1238.0	1180.1
50°	7927.3	4367.6	3258.9	2148.1	1791.4	1434.7	1500.2	1563.9	1396.1	1226.4	1153.1
52.5°	8149.1	4207.6	3112.3	2017.0	1671.9	1324.8	1427.0	1527.2	1382.6	1236.1	1141.6
55°	8417.1	3972.3	2890.6	1806.8	1513.7	1218.7	1309.3	1398.0	1307.4	1214.8	1101.1
57.5°	8584.9	3675.4	2610.9	1546.5	1336.3	1126.1	1178.2	1228.3	1191.7	1155.1	1039.4
60°	8484.6	3280.1	2296.6	1311.3	1180.1	1049.0	1039.4	1027.8	1081.8	1135.8	1002.7
62.5°	7994.8	2871.3	2019.0	1166.6	1068.3	968.0	946.8	923.7	1012.4	1099.1	958.4
65°	7167.6	2585.9	1843.5	1101.1	991.2	881.2	858.1	835.0	862.0	889.0	823.4
67.5°	6116.6	2410.4	1743.2	1076.0	942.9	808.0	781.0	754.0	748.2	742.4	719.3
70°	5032.9	2302.4	1677.6	1052.9	890.9	727.0	701.9	676.8	669.1	659.5	642.1
72.5°	4207.6	2288.9	1669.9	1050.9	848.5	646.0	622.8	599.7	590.1	578.5	565.0
75°	3445.9	2148.1	1585.1	1022.0	790.6	557.3	536.1	514.9	507.1	497.5	485.9
77.5°	2557.0	1777.9	1332.5	887.0	676.8	466.7	445.4	422.3	420.4	416.5	406.9
80°	1658.4	1286.2	952.6	619.0	493.6	366.4	349.0	329.7	331.7	333.6	325.9
82.5°	921.7	750.1	582.4	414.6	337.5	260.3	252.6	243.0	248.8	252.6	243.0
85°	485.9	378.0	312.4	246.8	194.8	142.7	142.7	140.8	148.5	156.2	148.5
87.5°	210.2	133.1	113.8	92.6	52.1	9.6	11.6	11.6	15.4	19.3	17.4
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: P320341
 CATALOG NUMBER: GAN-SA7D-740-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: P320341

CATALOG NUMBER: GAN-SA7D-740-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8
2.5°	13284.2	13143.4	13000.7	12844.5	12873.5	12753.9	12634.4	12559.1	12483.9	12460.8	12437.7
5°	10735.0	10574.9	10412.9	10268.3	10393.6	10308.8	10224.0	10212.4	10198.9	10198.9	10197.0
7.5°	7942.8	7771.1	7597.6	7478.0	7601.4	7586.0	7570.6	7653.5	7736.4	7803.9	7869.5
10°	6454.1	6245.8	6035.6	5858.2	5827.4	5738.7	5648.0	5667.3	5684.7	5758.0	5831.2
12.5°	5609.5	5360.7	5112.0	4903.7	4809.2	4662.7	4514.2	4421.6	4329.1	4338.7	4346.4
15°	4647.3	4406.2	4163.2	3983.9	3924.1	3810.4	3696.6	3580.9	3463.3	3415.1	3364.9
17.5°	3553.9	3361.1	3166.3	3046.7	3046.7	3014.0	2981.2	2923.3	2863.6	2815.3	2765.2
20°	2605.2	2503.0	2398.8	2348.7	2364.1	2366.0	2366.0	2395.0	2423.9	2408.5	2393.0
22.5°	2155.9	2119.2	2082.6	2061.4	2069.1	2071.0	2072.9	2099.9	2125.0	2144.3	2161.6
25°	1945.7	1922.5	1899.4	1891.7	1909.0	1911.0	1911.0	1928.3	1945.7	1965.0	1984.2
27.5°	1781.8	1772.1	1762.5	1749.0	1766.3	1766.3	1764.4	1783.7	1801.1	1818.4	1833.8
30°	1625.6	1629.4	1631.4	1627.5	1639.1	1646.8	1652.6	1666.1	1677.6	1691.1	1704.6
32.5°	1515.7	1509.9	1504.1	1500.2	1525.3	1538.8	1552.3	1565.8	1577.4	1583.2	1588.9
35°	1409.6	1396.1	1382.6	1373.0	1396.1	1413.5	1430.8	1455.9	1479.0	1482.9	1486.7
37.5°	1338.3	1320.9	1303.5	1292.0	1301.6	1309.3	1317.0	1344.0	1371.0	1386.5	1400.0
40°	1270.8	1253.4	1236.1	1226.4	1232.2	1234.1	1236.1	1249.6	1261.1	1290.0	1317.0
42.5°	1216.8	1195.6	1174.3	1162.8	1166.6	1170.5	1172.4	1170.5	1168.6	1195.6	1222.6
45°	1162.8	1139.6	1116.5	1103.0	1104.9	1104.9	1104.9	1101.1	1095.3	1108.8	1122.3
47.5°	1120.4	1093.4	1066.4	1052.9	1049.0	1045.1	1041.3	1039.4	1035.5	1045.1	1052.9
50°	1077.9	1049.0	1018.2	1002.7	993.1	989.2	985.4	983.4	979.6	989.2	996.9
52.5°	1045.1	1010.4	975.7	950.7	941.0	935.2	929.5	931.4	931.4	935.2	937.2
55°	987.3	956.4	923.7	906.3	889.0	885.1	881.2	887.0	890.9	890.9	890.9
57.5°	923.7	894.7	863.9	852.3	836.9	836.9	835.0	842.7	848.5	852.3	856.2
60°	867.7	835.0	802.2	792.5	786.8	784.8	782.9	792.5	800.3	808.0	815.7
62.5°	815.7	781.0	746.3	734.7	732.8	734.7	734.7	744.3	752.0	759.8	767.5
65°	757.8	723.1	686.5	674.9	678.8	684.6	690.3	698.1	703.8	711.6	719.3
67.5°	694.2	665.3	634.4	622.8	624.8	632.5	640.2	646.0	649.8	657.6	665.3
70°	624.8	599.7	574.6	566.9	565.0	574.6	582.4	586.2	590.1	599.7	607.4
72.5°	549.6	528.4	507.1	501.4	503.3	509.1	514.9	520.6	524.5	534.1	541.9
75°	472.4	453.2	433.9	430.0	433.9	439.7	445.4	449.3	453.2	464.7	474.4
77.5°	397.2	376.0	352.9	351.0	356.7	362.5	366.4	372.2	378.0	393.4	408.8
80°	318.2	295.0	270.0	268.0	273.8	279.6	285.4	291.2	297.0	316.2	333.6
82.5°	233.3	206.3	179.3	175.5	194.8	200.5	206.3	216.0	223.7	241.0	258.4
85°	140.8	113.8	86.8	84.8	102.2	111.8	121.5	133.1	142.7	158.1	173.5
87.5°	15.4	7.7	0.0	0.0	1.9	9.6	17.4	27.0	36.6	52.1	65.6
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: P320341
 CATALOG NUMBER: GAN-SA7D-740-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: P320341

CATALOG NUMBER: GAN-SA7D-740-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8
2.5°	12352.8	12266.0	12354.7	12441.5	12478.2	12514.8	12420.3	12323.9	12474.3	12622.8	12661.4
5°	10119.8	10040.8	10100.5	10158.4	10029.2	9900.0	9886.5	9871.1	9982.9	10094.8	10112.1
7.5°	7844.4	7819.3	7875.3	7931.2	7767.3	7601.4	7520.4	7439.5	7466.5	7493.5	7489.6
10°	5848.6	5864.0	5933.4	6000.9	5873.7	5746.4	5690.5	5634.6	5696.3	5756.0	5812.0
12.5°	4381.1	4413.9	4487.2	4558.5	4506.5	4452.5	4458.3	4464.1	4535.4	4604.8	4666.5
15°	3403.5	3442.1	3494.1	3544.3	3546.2	3546.2	3596.3	3644.5	3638.7	3633.0	3675.4
17.5°	2817.3	2867.4	2873.2	2879.0	2880.9	2882.8	2879.0	2875.1	2846.2	2817.3	2850.1
20°	2412.3	2429.7	2445.1	2458.6	2441.3	2422.0	2373.8	2325.6	2306.3	2287.0	2317.8
22.5°	2194.4	2225.3	2209.9	2192.5	2157.8	2121.2	2084.5	2045.9	2044.0	2040.2	2057.5
25°	2011.2	2036.3	2009.3	1982.3	1957.2	1932.2	1907.1	1882.0	1880.1	1878.2	1885.9
27.5°	1858.9	1882.0	1857.0	1831.9	1810.7	1789.5	1770.2	1750.9	1747.1	1743.2	1745.1
30°	1727.8	1749.0	1727.8	1704.6	1689.2	1671.9	1658.4	1644.9	1642.9	1641.0	1641.0
32.5°	1610.1	1631.4	1615.9	1600.5	1587.0	1573.5	1563.9	1554.2	1544.6	1534.9	1513.7
35°	1507.9	1529.2	1519.5	1507.9	1492.5	1477.1	1459.7	1440.5	1415.4	1388.4	1376.8
37.5°	1421.2	1442.4	1432.7	1423.1	1401.9	1380.7	1349.8	1317.0	1309.3	1299.7	1297.8
40°	1351.8	1384.5	1365.3	1344.0	1311.3	1278.5	1263.0	1247.6	1243.8	1239.9	1236.1
42.5°	1274.6	1324.8	1290.0	1255.3	1224.5	1193.6	1189.8	1185.9	1184.0	1182.1	1182.1
45°	1178.2	1232.2	1197.5	1160.8	1143.5	1126.1	1126.1	1126.1	1128.1	1128.1	1131.9
47.5°	1087.6	1120.4	1103.0	1085.6	1076.0	1066.4	1068.3	1070.2	1076.0	1079.9	1089.5
50°	1010.4	1022.0	1025.9	1027.8	1022.0	1016.2	1020.1	1022.0	1027.8	1031.7	1039.4
52.5°	954.5	971.9	971.9	969.9	969.9	969.9	973.8	977.7	983.4	989.2	996.9
55°	917.9	942.9	935.2	927.5	929.5	929.5	933.3	937.2	942.9	946.8	958.4
57.5°	883.2	910.2	902.5	894.7	894.7	894.7	896.7	898.6	904.4	908.2	916.0
60°	842.7	869.7	862.0	852.3	854.2	856.2	858.1	858.1	862.0	863.9	863.9
62.5°	794.5	821.5	813.8	804.1	809.9	813.8	813.8	813.8	817.6	819.5	813.8
65°	744.3	769.4	761.7	754.0	761.7	767.5	771.3	773.3	771.3	769.4	763.6
67.5°	690.3	715.4	707.7	698.1	707.7	715.4	723.1	728.9	723.1	717.3	709.6
70°	632.5	657.6	647.9	638.3	647.9	657.6	665.3	673.0	665.3	657.6	655.6
72.5°	570.8	599.7	588.1	576.6	588.1	599.7	603.6	607.4	601.6	595.9	592.0
75°	503.3	532.2	522.6	511.0	520.6	530.3	532.2	534.1	534.1	532.2	520.6
77.5°	431.9	455.1	449.3	443.5	449.3	455.1	455.1	455.1	457.0	457.0	441.6
80°	347.1	360.6	362.5	364.5	366.4	368.3	366.4	364.5	360.6	356.7	347.1
82.5°	258.4	258.4	273.8	287.3	287.3	285.4	283.5	279.6	271.9	262.3	241.0
85°	163.9	154.3	179.3	202.5	202.5	200.5	196.7	190.9	175.5	158.1	140.8
87.5°	55.9	46.3	71.3	96.4	98.3	98.3	94.5	90.6	75.2	57.8	44.4
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: P320341
 CATALOG NUMBER: GAN-SA7D-740-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: P320341
 CATALOG NUMBER: GAN-SA7D-740-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8
2.5°	12719.2	12744.3	12767.4	12956.4	13143.4	13363.3	13583.1	13750.9	13916.7	14088.3	14259.9
5°	10171.9	10202.7	10233.6	10463.1	10690.6	10997.2	11303.8	11568.0	11832.2	12142.6	12453.1
7.5°	7539.7	7607.2	7672.8	7917.7	8160.7	8490.4	8818.2	9163.4	9506.6	9911.6	10316.5
10°	5921.9	6049.1	6174.5	6425.2	6675.8	7001.7	7325.7	7686.3	8046.9	8446.0	8843.3
12.5°	4793.8	4963.5	5131.3	5432.1	5732.9	6122.4	6510.0	6911.1	7310.3	7661.2	8012.2
15°	3787.2	3972.3	4155.5	4473.7	4791.9	5220.0	5646.1	6083.9	6519.7	6940.0	7360.4
17.5°	2954.2	3106.5	3256.9	3526.9	3794.9	4209.5	4624.1	5083.1	5542.0	6054.9	6565.9
20°	2383.4	2447.0	2510.7	2705.4	2898.3	3235.7	3571.2	4039.8	4508.4	5121.6	5734.8
22.5°	2088.4	2121.2	2152.0	2246.5	2339.1	2557.0	2772.9	3187.5	3600.2	4269.3	4936.5
25°	1911.0	1936.0	1961.1	2022.8	2084.5	2188.6	2292.8	2583.9	2875.1	3532.7	4188.3
27.5°	1750.9	1789.5	1826.1	1855.0	1882.0	1953.4	2022.8	2213.7	2404.6	3017.8	3629.1
30°	1635.2	1648.7	1662.2	1706.6	1749.0	1822.3	1895.5	2028.6	2161.6	2680.4	3197.2
32.5°	1500.2	1519.5	1538.8	1585.1	1631.4	1698.9	1766.3	1874.3	1980.4	2423.9	2865.5
35°	1378.7	1398.0	1417.3	1463.6	1507.9	1581.2	1652.6	1743.2	1831.9	2217.6	2603.2
37.5°	1303.5	1322.8	1342.1	1382.6	1421.2	1494.4	1565.8	1637.1	1706.6	2063.3	2420.0
40°	1239.9	1259.2	1278.5	1317.0	1353.7	1425.0	1494.4	1554.2	1614.0	1947.6	2281.2
42.5°	1184.0	1205.2	1226.4	1265.0	1301.6	1365.3	1428.9	1507.9	1585.1	1847.3	2107.7
45°	1137.7	1158.9	1178.2	1220.6	1263.0	1324.8	1386.5	1496.4	1606.3	1795.3	1984.2
47.5°	1095.3	1118.4	1139.6	1185.9	1232.2	1309.3	1384.5	1477.1	1567.7	1754.8	1941.8
50°	1054.8	1081.8	1108.8	1164.7	1218.7	1347.9	1475.2	1488.7	1500.2	1722.0	1941.8
52.5°	1016.2	1047.1	1077.9	1147.4	1214.8	1365.3	1515.7	1467.5	1417.3	1660.3	1903.3
55°	977.7	1004.7	1029.7	1114.6	1199.4	1309.3	1419.2	1355.6	1290.0	1544.6	1799.1
57.5°	925.6	954.5	981.5	1072.1	1162.8	1239.9	1315.1	1257.3	1197.5	1413.5	1627.5
60°	871.6	904.4	937.2	1052.9	1166.6	1153.1	1137.7	1126.1	1112.6	1266.9	1421.2
62.5°	823.4	858.1	892.8	1043.2	1193.6	1101.1	1008.5	1018.2	1025.9	1139.6	1253.4
65°	775.2	809.9	842.7	917.9	993.1	956.4	919.8	935.2	948.7	1060.6	1172.4
67.5°	721.2	752.0	781.0	806.0	831.1	835.0	838.8	854.2	869.7	1002.7	1133.9
70°	661.4	686.5	711.6	728.9	744.3	752.0	757.8	777.1	796.4	941.0	1085.6
72.5°	593.9	615.1	634.4	649.8	665.3	671.1	674.9	694.2	713.5	867.7	1022.0
75°	520.6	538.0	553.4	566.9	580.4	588.1	595.9	609.3	622.8	790.6	956.4
77.5°	439.7	457.0	472.4	484.0	493.6	501.4	507.1	524.5	541.9	682.6	821.5
80°	343.2	364.5	383.7	393.4	401.1	403.0	403.0	418.4	433.9	534.1	632.5
82.5°	243.0	266.1	287.3	295.0	302.7	302.7	302.7	320.1	337.5	404.9	470.5
85°	142.7	167.8	190.9	198.6	206.3	210.2	212.1	219.8	225.6	273.8	320.1
87.5°	44.4	65.6	84.8	88.7	92.6	100.3	108.0	109.9	109.9	142.7	175.5
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: P320341

CATALOG NUMBER: GAN-SA7D-740-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8	14693.8
2.5°	14456.6	14653.3	14882.8	15110.3	15305.1	15499.8	15661.8
5°	12848.4	13243.7	13727.7	14209.8	14639.8	15069.8	15569.3
7.5°	10827.5	11338.5	11965.2	12591.9	13199.4	13804.8	14572.3
10°	9363.9	9882.6	10546.0	11207.4	11890.0	12570.7	13438.5
12.5°	8434.5	8854.8	9497.0	10139.1	10941.3	11741.5	12576.5
15°	7821.3	8280.2	8905.0	9529.8	10407.1	11284.5	12244.8
17.5°	7167.6	7767.3	8567.5	9367.8	10407.1	11444.6	12576.5
20°	6483.0	7229.3	8266.7	9304.1	10704.1	12102.1	13546.4
22.5°	5800.4	6664.3	7994.8	9323.4	11153.4	12981.5	14931.0
25°	5185.3	6182.2	7829.0	9473.8	11807.1	14138.4	16556.6
27.5°	4718.6	5806.2	7761.5	9714.9	12636.3	15557.7	18324.8
30°	4304.0	5410.9	7680.5	9950.1	13434.6	16917.2	19707.4
32.5°	3945.3	5025.2	7524.3	10021.5	13991.9	17962.3	20877.9
35°	3663.8	4724.4	7262.1	9799.7	14340.9	18882.1	22096.6
37.5°	3420.8	4421.6	6963.2	9504.7	14651.4	19798.1	23467.7
40°	3189.4	4097.7	6706.7	9313.8	15079.5	20845.1	24915.8
42.5°	2969.6	3831.6	6500.4	9169.2	15476.7	21782.3	26182.7
45°	2805.7	3627.2	6317.2	9005.3	15733.2	22461.1	27137.3
47.5°	2724.7	3505.7	6218.8	8930.1	15989.6	23047.3	27929.8
50°	2713.1	3484.5	6330.7	9176.9	16545.0	23911.2	28836.1
52.5°	2711.2	3519.2	6652.7	9786.2	17576.6	25365.1	29817.6
55°	2670.7	3540.4	7036.4	10530.6	18961.2	27389.9	31582.0
57.5°	2547.3	3467.1	7431.7	11394.4	20424.8	29453.2	33570.1
60°	2356.4	3289.7	7757.6	12223.6	21408.2	30590.9	34335.7
62.5°	2117.3	2979.3	7865.6	12750.1	21381.2	30012.4	33564.3
65°	1912.9	2653.4	7510.8	12366.3	20299.4	28230.6	32039.0
67.5°	1731.6	2327.5	6623.8	10918.1	18353.8	25787.4	30099.2
70°	1600.5	2113.4	5480.3	8847.1	15918.3	22987.5	27852.7
72.5°	1517.6	2011.2	4467.9	6922.7	12917.8	18911.0	23824.4
75°	1403.8	1851.2	3505.7	5158.3	9886.5	14614.7	17995.1
77.5°	1191.7	1560.0	2641.8	3723.6	7254.3	10783.2	12514.8
80°	919.8	1205.2	1816.5	2427.8	4992.4	7557.1	8532.8
82.5°	655.6	840.7	1101.1	1361.4	3316.7	5270.1	5351.1
85°	404.9	489.8	630.6	771.3	2194.4	3617.5	3014.0
87.5°	217.9	260.3	333.6	404.9	701.9	998.9	574.6
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: P320341
CATALOG NUMBER: GAN-SA7D-740-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)