

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: P320343

Luminaire Tested: **GAN-SA9D-740-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320343
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-26)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAN-SA9D-740-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 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: 60959 lumens
Efficiency: N/A
Efficacy: 106.0 lumens/watt
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B4 - U0 - G5

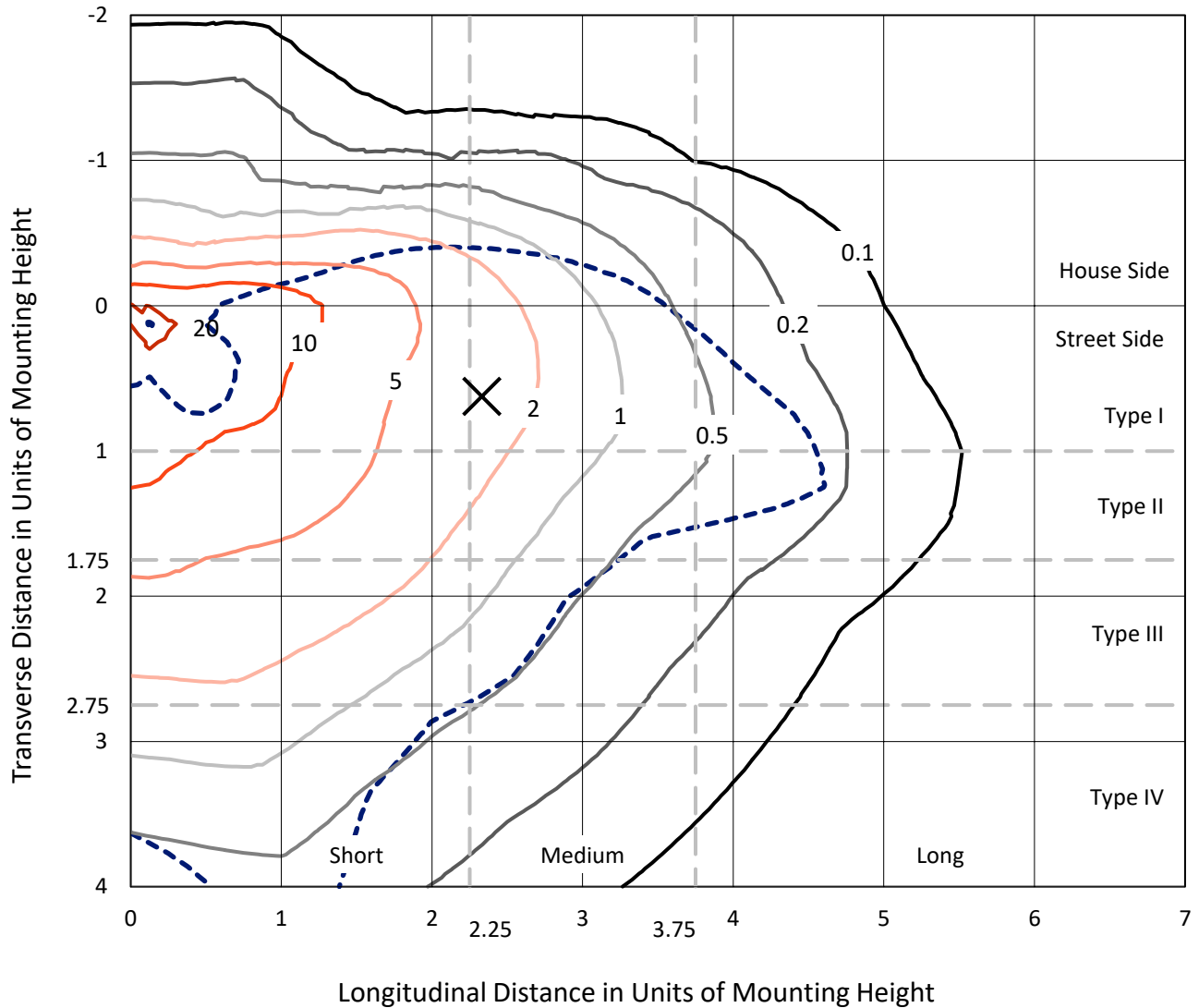
Input Watts (W): 575
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

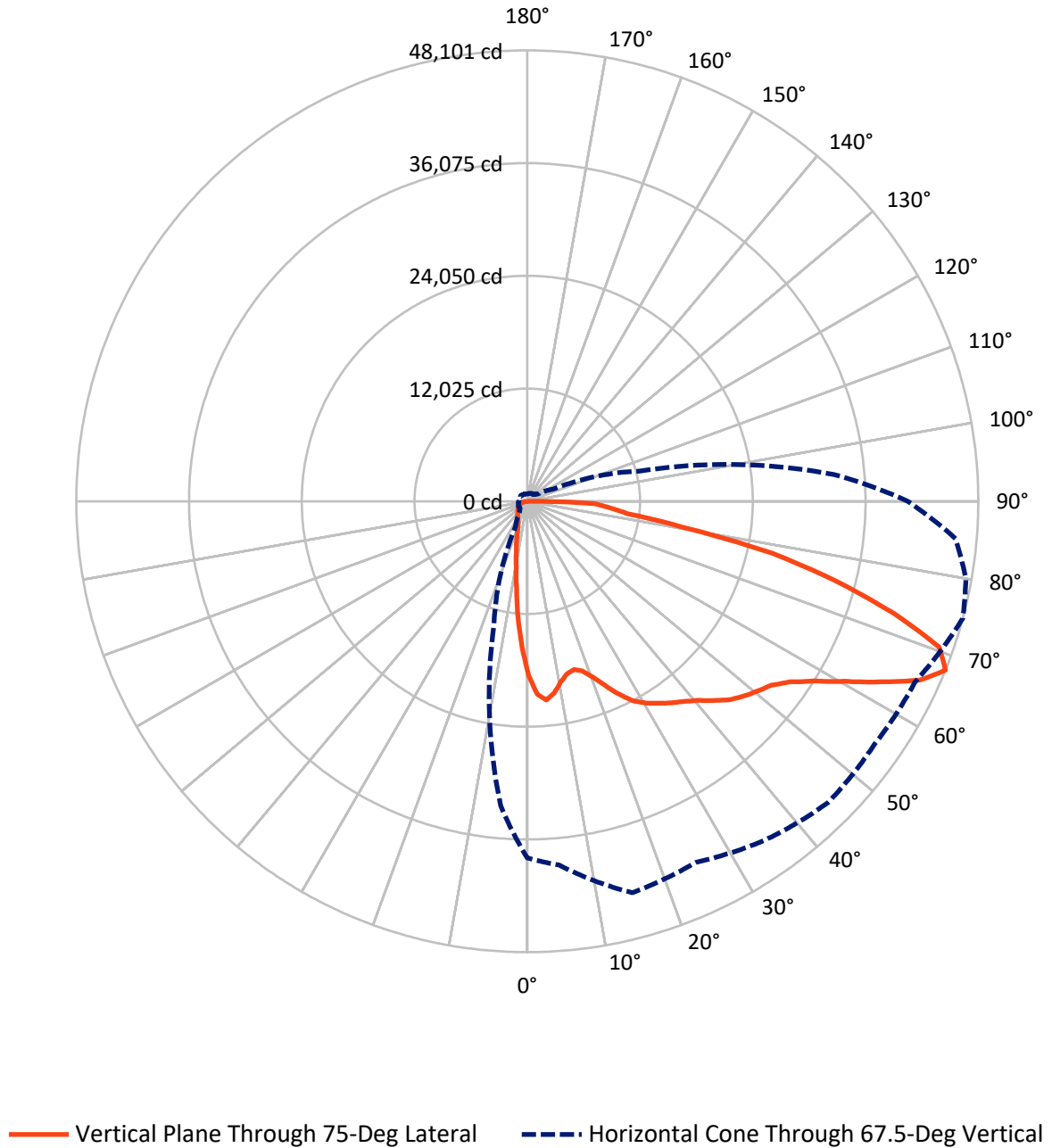
× Max cd
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 26 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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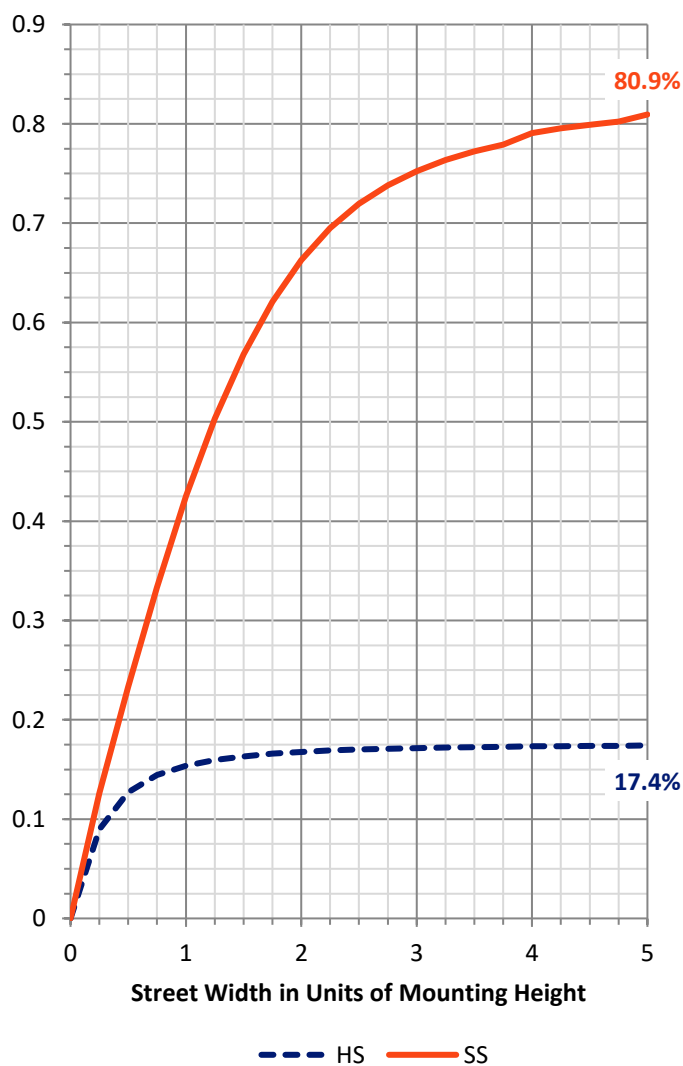
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10736.4	0.0	10736.4
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	50222.6	0.0	50222.6
	% Fixture	82.4	0.0	82.4
Total	Lumens	60959.0	0.0	60959.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1433.3	2.4
10°-20°	2977.5	4.9
20°-30°	4234.7	6.9
30°-40°	6102.2	10.0
40°-50°	8599.7	14.1
50°-60°	11955.1	19.6
60°-70°	14457.3	23.7
70°-80°	8886.7	14.6
80°-90°	2312.5	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	60959.0	100.0
0°-180°	60959.0	100.0

Coefficient of Utilization



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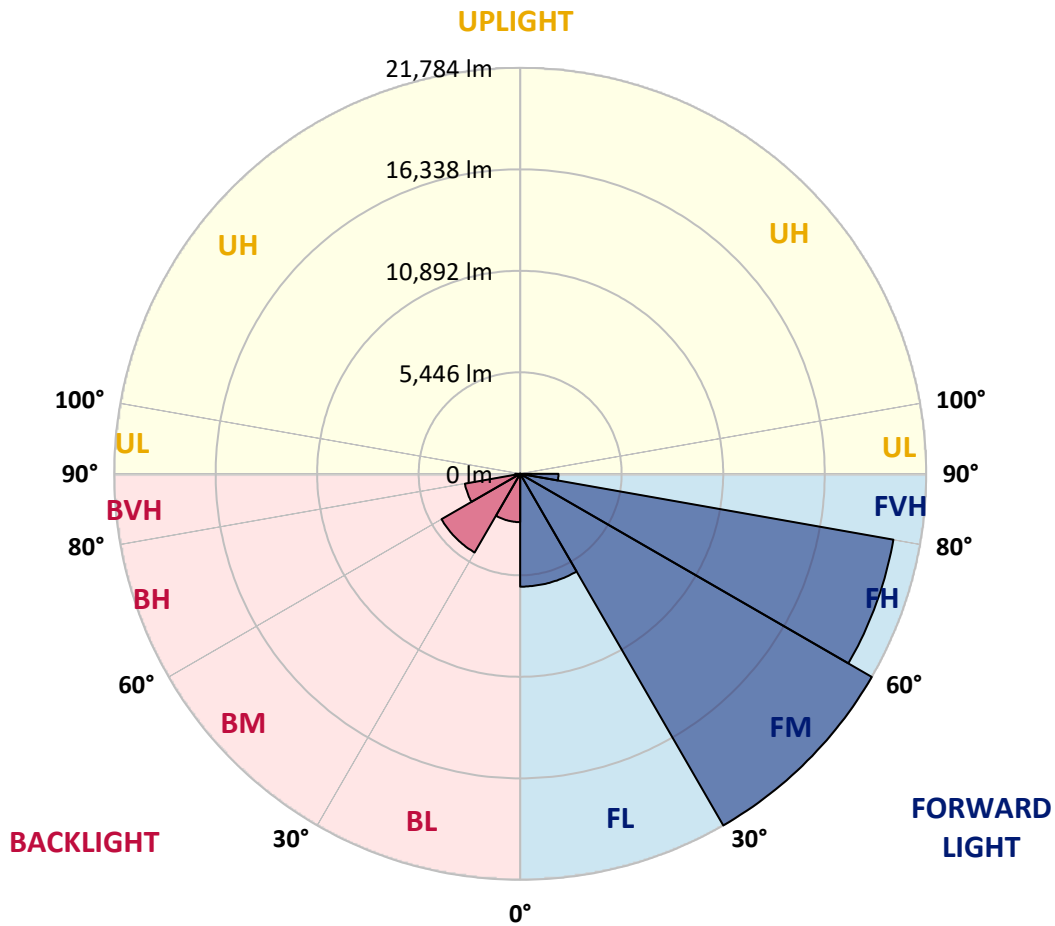
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	6052.6	9.9			
FM (30°-60°)	21783.5	35.7			
FH (60°-80°)	20333.9	33.4			G5
FVH (80°-90°)	2052.6	3.4			G5
BL (0°-30°)	2592.9	4.3	B4/5000		
BM (30°-60°)	4873.5	8.0	B3/5000		
BH (60°-80°)	3010.1	4.9	B4/5000		G4/5000
BVH (80°-90°)	259.8	0.4			G3/500
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°	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4
2.5°	19794.9	20055.7	20236.1	20414.0	20552.9	20689.4	20889.2	21089.1	21128.1	21164.6	21086.6
5°	19677.9	20314.0	20855.1	21393.7	21893.3	22393.0	22692.7	22992.5	23053.5	23114.4	22926.7
7.5°	18417.9	19356.2	20294.5	21232.9	22093.2	22953.5	23477.5	23999.1	24118.5	24235.5	23928.4
10°	16984.8	18076.7	19229.5	20382.3	21515.6	22648.9	23406.8	24164.8	24315.9	24467.0	24084.4
12.5°	15895.4	17087.2	18318.0	19548.8	20745.4	21939.7	22724.4	23509.2	23696.9	23884.5	23606.7
15°	15476.2	16782.5	17940.2	19097.9	20141.0	21181.7	21825.1	22466.1	22544.1	22619.6	22575.8
17.5°	15895.4	17335.8	18383.8	19429.3	19997.2	20562.6	20821.0	21076.9	21162.2	21245.1	21357.2
20°	17121.3	18676.2	19414.7	20150.7	20126.4	20099.6	19975.3	19848.5	19826.6	19804.7	20121.5
22.5°	18871.2	20677.2	20972.1	21264.5	20579.7	19894.8	19478.1	19058.9	18976.0	18890.7	19227.1
25°	20925.8	22848.7	22795.1	22739.1	21435.2	20128.8	19334.3	18539.8	18447.1	18354.5	18642.1
27.5°	23160.7	24998.3	24647.4	24296.4	22524.6	20752.7	19599.9	18447.1	18354.5	18261.9	18515.4
30°	24908.2	26575.2	26012.2	25449.2	23443.4	21437.6	20067.9	18698.2	18547.1	18393.5	18705.5
32.5°	26387.5	27806.0	27050.5	26294.9	24189.2	22083.4	20601.6	19119.8	18883.4	18647.0	19063.8
35°	27927.8	29034.3	27971.7	26906.7	24854.5	22800.0	21232.9	19663.3	19373.3	19083.3	19656.0
37.5°	29660.7	30579.5	29053.8	27525.7	25602.8	23679.8	22178.5	20674.7	20377.4	20080.1	20811.2
40°	31491.0	32256.3	30221.2	28186.2	26421.7	24657.1	23487.3	22315.0	22032.3	21747.1	22634.3
42.5°	33092.3	33650.4	31308.2	28966.1	27408.7	25848.9	25025.1	24198.9	24196.5	24191.6	25090.9
45°	34298.7	34783.7	32214.9	29643.6	28371.4	27096.8	26667.8	26238.9	26582.5	26926.2	27740.2
47.5°	35300.4	35629.4	32975.3	30318.7	29473.0	28627.3	28690.7	28754.1	29453.5	30153.0	30677.0
50°	36445.9	36180.2	33665.0	31147.4	30886.6	30625.8	31196.1	31764.0	32568.3	33370.1	33725.9
52.5°	37686.4	36982.0	34600.9	32217.3	32509.8	32802.2	33962.3	35122.5	35934.0	36745.6	36879.7
55°	39916.4	38836.7	36321.6	33803.9	34366.9	34927.5	36631.1	38332.2	38965.9	39599.6	39648.3
57.5°	42429.2	41471.4	38731.9	35992.5	36597.0	37201.4	39168.2	41132.6	41817.4	42499.9	42404.8
60°	43396.7	43443.0	41020.5	38595.5	39204.8	39814.1	41729.7	43645.3	44432.5	45217.3	45007.7
62.5°	42421.9	43564.9	42270.8	40974.2	41527.4	42078.2	43954.9	45831.5	46638.2	47444.9	47079.3
65°	40494.0	41627.3	42207.4	42787.4	42970.2	43153.0	44905.4	46655.3	47274.3	47890.9	47705.7
67.5°	38042.2	38958.6	41098.5	43235.9	42867.9	42499.9	43321.2	44142.5	44778.6	45414.7	45309.9
70°	35202.9	36294.7	39148.7	42002.7	40194.3	38383.4	38044.7	37705.9	38393.2	39078.0	38654.0
72.5°	30111.6	31759.1	34803.2	37844.8	34513.2	31181.5	30023.8	28866.2	29736.2	30606.3	29931.2
75°	22743.9	24930.1	28293.4	31654.3	27679.3	23704.2	22159.0	20613.8	21362.0	22110.3	21647.2
77.5°	15817.4	18559.3	21871.4	25183.6	21142.7	17099.4	15951.5	14801.1	15025.3	15247.1	15169.1
80°	10784.6	12588.1	14898.6	17206.6	14515.9	11825.3	11915.5	12003.2	11898.4	11791.2	11947.1
82.5°	6763.2	8033.0	9817.0	11598.6	10170.4	8742.2	9561.1	10380.0	9977.9	9573.3	9724.4
85°	3809.3	4584.4	6329.4	8072.0	7523.6	6972.8	7452.9	7930.6	7306.7	6682.8	6958.2
87.5°	726.3	1208.8	3502.3	5793.2	5259.5	4725.7	4106.7	3487.6	2661.4	1835.2	2680.9
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°	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4
2.5°	21008.6	20967.2	20925.8	20777.1	20626.0	20401.8	20216.6	19894.8	19719.4	19453.7	19188.1
5°	22736.6	22473.4	22210.2	21756.9	21301.1	20794.2	20211.7	19565.8	19078.4	18444.7	17811.0
7.5°	23621.3	23007.1	22390.5	21520.5	20647.9	19863.2	18941.9	18084.0	17352.8	16529.1	15705.3
10°	23701.7	22780.5	21856.8	20725.9	19592.6	18639.7	17579.5	16626.6	15749.2	14803.5	13855.5
12.5°	23326.4	22346.7	21364.5	20119.1	18871.2	17789.1	16648.5	15581.0	14608.6	13567.9	12524.8
15°	22531.9	21749.6	20964.8	19797.4	18629.9	17538.1	16431.6	15166.7	14067.5	13002.4	11935.0
17.5°	21466.8	21096.4	20723.5	19880.2	19034.5	18088.9	17016.5	15532.3	14245.4	13087.8	11930.1
20°	20435.9	20572.4	20706.4	20370.1	20033.8	19275.8	18339.9	16672.9	15030.2	13516.7	12000.8
22.5°	19560.9	20216.6	20869.7	21130.5	21388.8	20933.1	20201.9	18274.1	16100.1	14123.6	12147.0
25°	18927.3	20014.3	21101.3	21968.9	22834.1	22631.8	22068.8	20219.0	17518.6	14998.5	12476.0
27.5°	18768.9	20102.0	21435.2	22780.5	24123.4	24311.0	24155.1	22268.7	19210.0	16085.5	12958.6
30°	19017.5	20367.7	21715.4	23353.2	24988.6	25736.8	25946.4	23977.1	21142.7	17352.8	13560.6
32.5°	19480.5	20803.9	22127.3	23911.3	25692.9	26823.8	27491.6	25539.4	22490.5	18308.2	14123.6
35°	20228.7	21466.8	22704.9	24562.1	26419.2	27881.5	29100.1	27152.8	23687.1	18976.0	14262.5
37.5°	21540.0	22605.0	23670.1	25385.8	27099.2	28995.3	30825.7	28929.5	24981.3	19619.4	14255.2
40°	23521.4	24274.5	25025.1	26475.3	27923.0	30309.0	32780.3	30911.0	26411.9	20316.5	14221.0
42.5°	25990.3	26377.8	26762.9	27910.8	29058.7	31681.1	34554.6	32848.5	27776.7	20964.8	14152.8
45°	28551.8	28654.1	28756.5	29480.3	30201.8	32768.1	35763.4	34303.6	28968.5	21527.8	14084.6
47.5°	31198.6	30847.6	30496.7	30784.2	31071.8	33601.6	36626.2	35407.6	30165.2	22151.7	14135.7
50°	34081.8	33104.5	32127.1	31976.0	31824.9	34435.2	37642.5	36811.4	31603.1	23060.8	14518.4
52.5°	37011.3	35400.3	33789.3	33192.2	32592.6	35429.5	38990.3	38558.9	33655.3	24469.5	15281.2
55°	39697.1	37647.4	35597.7	34793.4	33989.2	36950.4	40635.4	41125.3	36285.0	26270.6	16253.7
57.5°	42307.3	39984.7	37662.0	36916.2	36170.4	39185.3	42719.2	43428.4	38941.5	27998.5	17053.1
60°	44798.1	42499.9	40199.1	39602.0	39002.5	41963.7	44971.2	44454.5	40311.2	28807.7	17301.7
62.5°	46713.8	44885.9	43058.0	42743.6	42426.7	44773.8	46701.6	44054.8	39441.2	28010.7	16580.3
65°	47520.5	46479.8	45436.7	45731.6	46024.0	46899.0	47133.0	42884.9	36706.6	25778.2	14849.8
67.5°	45202.7	45414.7	45626.8	46864.9	48100.5	47498.5	45851.0	40579.3	32814.4	22614.8	12415.1
70°	38227.4	39499.7	40769.4	43699.0	46626.0	45290.4	42417.0	36441.0	28130.1	18971.1	9809.7
72.5°	29253.7	30684.3	32112.5	36460.5	40806.0	39575.2	36055.9	29931.2	22553.8	15149.6	7743.0
75°	21181.7	22797.5	24411.0	29207.4	34003.8	32295.3	26970.0	21430.3	17131.1	11564.5	5995.5
77.5°	15088.7	16170.8	17252.9	21990.8	26726.3	23943.0	17952.4	14420.9	11857.0	8037.9	4216.4
80°	12103.1	11771.7	11440.2	14079.7	16719.2	16256.1	11874.0	9261.4	8206.0	5386.2	2566.4
82.5°	9873.1	9063.9	8254.8	9497.8	10740.7	10672.5	8240.2	6794.9	6107.6	3743.5	1379.5
85°	7231.2	6907.0	6582.9	7682.0	8781.2	7842.9	5581.2	4318.7	4762.3	2756.5	750.7
87.5°	3526.6	4028.7	4528.3	5824.9	7119.1	5344.8	1693.9	838.4	1160.1	762.8	363.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320343
 CATALOG NUMBER: GAN-SA9D-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: P320343

CATALOG NUMBER: GAN-SA9D-740-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4
2.5°	18990.6	18790.8	18564.1	18337.5	18079.1	17818.4	17664.8	17508.8	17340.7	17172.5	16982.4
5°	17391.8	16972.6	16497.4	16022.1	15551.8	15081.4	14827.9	14574.4	14306.3	14035.8	13801.8
7.5°	15096.0	14484.3	13826.2	13165.7	12580.8	11993.4	11630.3	11264.7	10933.3	10599.4	10319.1
10°	13075.6	12295.7	11635.2	10972.3	10531.1	10090.0	9756.1	9422.2	9100.5	8776.3	8466.8
12.5°	11744.9	10965.0	10545.8	10126.6	9761.0	9395.4	9010.3	8622.8	8181.7	7738.1	7414.0
15°	11225.7	10516.5	10051.0	9583.1	9093.2	8600.9	8128.1	7655.2	7133.7	6612.1	6244.1
17.5°	11001.5	10072.9	9422.2	8769.0	8123.2	7477.3	6929.0	6380.6	5810.3	5240.0	4867.1
20°	10765.1	9529.4	8656.9	7782.0	6953.3	6124.7	5503.2	4881.7	4372.3	3863.0	3577.8
22.5°	10550.6	8951.8	7857.5	6760.8	5781.0	4801.3	4192.0	3580.2	3268.3	2956.3	2841.8
25°	10462.9	8447.3	7102.0	5756.7	4723.3	3687.5	3253.7	2819.8	2700.4	2578.6	2520.1
27.5°	10477.5	7996.4	6465.9	4932.9	4001.9	3070.9	2773.5	2476.2	2403.1	2327.5	2291.0
30°	10533.6	7506.6	5866.3	4226.1	3458.4	2690.7	2498.1	2303.2	2225.2	2147.2	2100.9
32.5°	10596.9	7067.9	5403.3	3736.2	3109.9	2481.1	2322.6	2161.8	2086.2	2010.7	1964.4
35°	10487.3	6709.6	5086.4	3463.3	2885.6	2305.6	2171.5	2035.1	1952.2	1869.3	1825.5
37.5°	10302.0	6348.9	4840.3	3329.2	2739.4	2147.2	2049.7	1949.8	1864.5	1776.7	1735.3
40°	10133.9	6044.2	4657.5	3268.3	2659.0	2047.2	1964.4	1881.5	1793.8	1703.6	1654.9
42.5°	9997.4	5839.5	4477.1	3114.7	2585.9	2054.6	1937.6	1818.1	1732.8	1647.5	1593.9
45°	9895.0	5705.5	4335.8	2966.1	2517.6	2069.2	1920.5	1771.8	1686.5	1598.8	1535.4
47.5°	9885.3	5634.8	4235.8	2836.9	2388.5	1937.6	1876.6	1815.7	1691.4	1564.7	1491.6
50°	10019.3	5520.3	4118.9	2715.0	2264.2	1813.3	1896.1	1976.6	1764.5	1550.1	1457.4
52.5°	10299.6	5318.0	3933.6	2549.3	2113.1	1674.4	1803.5	1930.3	1747.5	1562.2	1442.8
55°	10638.4	5020.6	3653.4	2283.7	1913.2	1540.3	1654.9	1767.0	1652.4	1535.4	1391.6
57.5°	10850.4	4645.3	3300.0	1954.6	1689.0	1423.3	1489.1	1552.5	1506.2	1459.9	1313.6
60°	10723.7	4145.7	2902.7	1657.3	1491.6	1325.8	1313.6	1299.0	1367.3	1435.5	1267.3
62.5°	10104.6	3629.0	2551.7	1474.5	1350.2	1223.5	1196.7	1167.4	1279.5	1389.2	1211.3
65°	9059.1	3268.3	2330.0	1391.6	1252.7	1113.8	1084.6	1055.3	1089.4	1123.5	1040.7
67.5°	7730.8	3046.5	2203.2	1360.0	1191.8	1021.2	987.1	952.9	945.6	938.3	909.1
70°	6361.1	2910.0	2120.4	1330.7	1126.0	918.8	887.1	855.5	845.7	833.5	811.6
72.5°	5318.0	2893.0	2110.6	1328.3	1072.4	816.5	787.2	758.0	745.8	731.2	714.1
75°	4355.3	2715.0	2003.4	1291.7	999.3	704.4	677.5	650.7	641.0	628.8	614.2
77.5°	3231.7	2247.1	1684.1	1121.1	855.5	589.8	563.0	533.7	531.3	526.4	514.2
80°	2096.0	1625.6	1204.0	782.3	623.9	463.1	441.1	416.8	419.2	421.6	411.9
82.5°	1165.0	948.1	736.0	524.0	426.5	329.0	319.3	307.1	314.4	319.3	307.1
85°	614.2	477.7	394.8	312.0	246.2	180.4	180.4	177.9	187.7	197.4	187.7
87.5°	265.7	168.2	143.8	117.0	65.8	12.2	14.6	14.6	19.5	24.4	21.9
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: P320343
 CATALOG NUMBER: GAN-SA9D-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: P320343

CATALOG NUMBER: GAN-SA9D-740-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4
2.5°	16789.9	16611.9	16431.6	16234.2	16270.7	16119.6	15968.5	15873.5	15778.4	15749.2	15719.9
5°	13567.9	13365.6	13160.9	12978.1	13136.5	13029.3	12922.0	12907.4	12890.3	12890.3	12887.9
7.5°	10038.8	9821.9	9602.6	9451.5	9607.4	9587.9	9568.4	9673.2	9778.0	9863.3	9946.2
10°	8157.3	7894.1	7628.4	7404.2	7365.2	7253.1	7138.6	7162.9	7184.9	7277.5	7370.1
12.5°	7089.8	6775.4	6461.0	6197.8	6078.4	5893.1	5705.5	5588.5	5471.5	5483.7	5493.4
15°	5873.6	5569.0	5261.9	5035.3	4959.7	4815.9	4672.1	4525.9	4377.2	4316.3	4252.9
17.5°	4491.8	4248.0	4001.9	3850.8	3850.8	3809.3	3767.9	3694.8	3619.2	3558.3	3494.9
20°	3292.7	3163.5	3031.9	2968.5	2988.0	2990.4	2990.4	3027.0	3063.6	3044.1	3024.6
22.5°	2724.8	2678.5	2632.2	2605.4	2615.1	2617.6	2620.0	2654.1	2685.8	2710.2	2732.1
25°	2459.1	2429.9	2400.6	2390.9	2412.8	2415.3	2415.3	2437.2	2459.1	2483.5	2507.9
27.5°	2252.0	2239.8	2227.6	2210.5	2232.5	2232.5	2230.0	2254.4	2276.3	2298.3	2317.8
30°	2054.6	2059.4	2061.9	2057.0	2071.6	2081.4	2088.7	2105.7	2120.4	2137.4	2154.5
32.5°	1915.6	1908.3	1901.0	1896.1	1927.8	1944.9	1961.9	1979.0	1993.6	2000.9	2008.3
35°	1781.6	1764.5	1747.5	1735.3	1764.5	1786.5	1808.4	1840.1	1869.3	1874.2	1879.1
37.5°	1691.4	1669.5	1647.5	1632.9	1645.1	1654.9	1664.6	1698.7	1732.8	1752.3	1769.4
40°	1606.1	1584.2	1562.2	1550.1	1557.4	1559.8	1562.2	1579.3	1593.9	1630.5	1664.6
42.5°	1537.9	1511.1	1484.3	1469.6	1474.5	1479.4	1481.8	1479.4	1476.9	1511.1	1545.2
45°	1469.6	1440.4	1411.1	1394.1	1396.5	1396.5	1396.5	1391.6	1384.3	1401.4	1418.4
47.5°	1416.0	1381.9	1347.8	1330.7	1325.8	1321.0	1316.1	1313.6	1308.8	1321.0	1330.7
50°	1362.4	1325.8	1286.8	1267.3	1255.2	1250.3	1245.4	1243.0	1238.1	1250.3	1260.0
52.5°	1321.0	1277.1	1233.2	1201.5	1189.4	1182.0	1174.7	1177.2	1177.2	1182.0	1184.5
55°	1247.8	1208.8	1167.4	1145.5	1123.5	1118.7	1113.8	1121.1	1126.0	1126.0	1126.0
57.5°	1167.4	1130.9	1091.9	1077.2	1057.7	1057.7	1055.3	1065.1	1072.4	1077.2	1082.1
60°	1096.7	1055.3	1013.9	1001.7	994.4	991.9	989.5	1001.7	1011.4	1021.2	1030.9
62.5°	1030.9	987.1	943.2	928.6	926.1	928.6	928.6	940.8	950.5	960.3	970.0
65°	957.8	913.9	867.6	853.0	857.9	865.2	872.5	882.3	889.6	899.3	909.1
67.5°	877.4	840.8	801.8	787.2	789.7	799.4	809.1	816.5	821.3	831.1	840.8
70°	789.7	758.0	726.3	716.5	714.1	726.3	736.0	740.9	745.8	758.0	767.7
72.5°	694.6	667.8	641.0	633.7	636.1	643.4	650.7	658.0	662.9	675.1	684.9
75°	597.1	572.7	548.4	543.5	548.4	555.7	563.0	567.9	572.7	587.4	599.6
77.5°	502.1	475.3	446.0	443.6	450.9	458.2	463.1	470.4	477.7	497.2	516.7
80°	402.1	372.9	341.2	338.8	346.1	353.4	360.7	368.0	375.3	399.7	421.6
82.5°	294.9	260.8	226.7	221.8	246.2	253.5	260.8	273.0	282.7	304.6	326.6
85°	177.9	143.8	109.7	107.2	129.2	141.4	153.5	168.2	180.4	199.9	219.3
87.5°	19.5	9.7	0.0	0.0	2.4	12.2	21.9	34.1	46.3	65.8	82.9
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: P320343
 CATALOG NUMBER: GAN-SA9D-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: P320343

CATALOG NUMBER: GAN-SA9D-740-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4
2.5°	15612.7	15503.0	15615.1	15724.8	15771.1	15817.4	15698.0	15576.1	15766.2	15953.9	16002.6
5°	12790.4	12690.5	12766.0	12839.2	12675.9	12512.6	12495.5	12476.0	12617.4	12758.7	12780.7
7.5°	9914.5	9882.8	9953.5	10024.2	9817.0	9607.4	9505.1	9402.7	9436.8	9470.9	9466.1
10°	7392.0	7411.5	7499.3	7584.6	7423.7	7262.8	7192.2	7121.5	7199.5	7275.0	7345.7
12.5°	5537.3	5578.7	5671.4	5761.5	5695.7	5627.5	5634.8	5642.1	5732.3	5820.0	5898.0
15°	4301.7	4350.4	4416.2	4479.6	4482.0	4482.0	4545.4	4606.3	4599.0	4591.7	4645.3
17.5°	3560.7	3624.1	3631.4	3638.7	3641.2	3643.6	3638.7	3633.9	3597.3	3560.7	3602.2
20°	3048.9	3070.9	3090.4	3107.4	3085.5	3061.1	3000.2	2939.3	2914.9	2890.5	2929.5
22.5°	2773.5	2812.5	2793.0	2771.1	2727.2	2680.9	2634.6	2585.9	2583.4	2578.6	2600.5
25°	2542.0	2573.7	2539.6	2505.4	2473.8	2442.1	2410.4	2378.7	2376.3	2373.8	2383.6
27.5°	2349.5	2378.7	2347.0	2315.3	2288.5	2261.7	2237.3	2213.0	2208.1	2203.2	2205.7
30°	2183.7	2210.5	2183.7	2154.5	2135.0	2113.1	2096.0	2078.9	2076.5	2074.1	2074.1
32.5°	2035.1	2061.9	2042.4	2022.9	2005.8	1988.8	1976.6	1964.4	1952.2	1940.0	1913.2
35°	1905.9	1932.7	1920.5	1905.9	1886.4	1866.9	1845.0	1820.6	1788.9	1754.8	1740.2
37.5°	1796.2	1823.0	1810.8	1798.7	1771.8	1745.0	1706.0	1664.6	1654.9	1642.7	1640.2
40°	1708.5	1749.9	1725.5	1698.7	1657.3	1615.9	1596.4	1576.9	1572.0	1567.1	1562.2
42.5°	1611.0	1674.4	1630.5	1586.6	1547.6	1508.6	1503.8	1498.9	1496.4	1494.0	1494.0
45°	1489.1	1557.4	1513.5	1467.2	1445.3	1423.3	1423.3	1423.3	1425.8	1425.8	1430.6
47.5°	1374.6	1416.0	1394.1	1372.1	1360.0	1347.8	1350.2	1352.6	1360.0	1364.8	1377.0
50°	1277.1	1291.7	1296.6	1299.0	1291.7	1284.4	1289.3	1291.7	1299.0	1303.9	1313.6
52.5°	1206.4	1228.3	1228.3	1225.9	1225.9	1225.9	1230.8	1235.7	1243.0	1250.3	1260.0
55°	1160.1	1191.8	1182.0	1172.3	1174.7	1174.7	1179.6	1184.5	1191.8	1196.7	1211.3
57.5°	1116.2	1150.4	1140.6	1130.9	1130.9	1130.9	1133.3	1135.7	1143.0	1147.9	1157.7
60°	1065.1	1099.2	1089.4	1077.2	1079.7	1082.1	1084.6	1084.6	1089.4	1091.9	1091.9
62.5°	1004.1	1038.2	1028.5	1016.3	1023.6	1028.5	1028.5	1028.5	1033.4	1035.8	1028.5
65°	940.8	972.4	962.7	952.9	962.7	970.0	974.9	977.3	974.9	972.4	965.1
67.5°	872.5	904.2	894.5	882.3	894.5	904.2	913.9	921.3	913.9	906.6	896.9
70°	799.4	831.1	818.9	806.7	818.9	831.1	840.8	850.6	840.8	831.1	828.6
72.5°	721.4	758.0	743.3	728.7	743.3	758.0	762.8	767.7	760.4	753.1	748.2
75°	636.1	672.7	660.5	645.9	658.0	670.2	672.7	675.1	675.1	672.7	658.0
77.5°	545.9	575.2	567.9	560.6	567.9	575.2	575.2	575.2	577.6	577.6	558.1
80°	438.7	455.8	458.2	460.6	463.1	465.5	463.1	460.6	455.8	450.9	438.7
82.5°	326.6	326.6	346.1	363.1	363.1	360.7	358.3	353.4	343.6	331.5	304.6
85°	207.2	195.0	226.7	255.9	255.9	253.5	248.6	241.3	221.8	199.9	177.9
87.5°	70.7	58.5	90.2	121.9	124.3	124.3	119.4	114.5	95.1	73.1	56.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320343
 CATALOG NUMBER: GAN-SA9D-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: P320343

CATALOG NUMBER: GAN-SA9D-740-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4
2.5°	16075.8	16107.4	16136.7	16375.5	16611.9	16889.8	17167.6	17379.7	17589.3	17806.2	18023.1
5°	12856.2	12895.2	12934.2	13224.2	13511.8	13899.3	14286.9	14620.7	14954.6	15347.0	15739.4
7.5°	9529.4	9614.7	9697.6	10007.1	10314.2	10731.0	11145.3	11581.6	12015.4	12527.2	13039.0
10°	7484.6	7645.5	7803.9	8120.7	8437.6	8849.5	9258.9	9714.7	10170.4	10674.9	11177.0
12.5°	6058.9	6273.3	6485.4	6865.6	7245.8	7738.1	8228.0	8734.9	9239.4	9683.0	10126.6
15°	4786.7	5020.6	5252.2	5654.3	6056.4	6597.5	7136.1	7689.4	8240.2	8771.5	9302.8
17.5°	3733.8	3926.3	4116.4	4457.6	4796.4	5320.4	5844.4	6424.5	7004.5	7652.8	8298.7
20°	3012.4	3092.8	3173.2	3419.4	3663.1	4089.6	4513.7	5105.9	5698.2	6473.2	7248.2
22.5°	2639.5	2680.9	2719.9	2839.3	2956.3	3231.7	3504.7	4028.7	4550.2	5396.0	6239.2
25°	2415.3	2446.9	2478.6	2556.6	2634.6	2766.2	2897.8	3265.8	3633.9	4464.9	5293.6
27.5°	2213.0	2261.7	2308.0	2344.6	2378.7	2468.9	2556.6	2797.9	3039.2	3814.2	4586.8
30°	2066.7	2083.8	2100.9	2156.9	2210.5	2303.2	2395.8	2563.9	2732.1	3387.7	4040.9
32.5°	1896.1	1920.5	1944.9	2003.4	2061.9	2147.2	2232.5	2369.0	2503.0	3063.6	3621.7
35°	1742.6	1767.0	1791.3	1849.8	1905.9	1998.5	2088.7	2203.2	2315.3	2802.8	3290.2
37.5°	1647.5	1671.9	1696.3	1747.5	1796.2	1888.8	1979.0	2069.2	2156.9	2607.8	3058.7
40°	1567.1	1591.5	1615.9	1664.6	1710.9	1801.1	1888.8	1964.4	2039.9	2461.6	2883.2
42.5°	1496.4	1523.2	1550.1	1598.8	1645.1	1725.5	1806.0	1905.9	2003.4	2334.8	2663.9
45°	1437.9	1464.8	1489.1	1542.7	1596.4	1674.4	1752.3	1891.3	2030.2	2269.0	2507.9
47.5°	1384.3	1413.6	1440.4	1498.9	1557.4	1654.9	1749.9	1866.9	1981.4	2217.8	2454.3
50°	1333.1	1367.3	1401.4	1472.1	1540.3	1703.6	1864.5	1881.5	1896.1	2176.4	2454.3
52.5°	1284.4	1323.4	1362.4	1450.1	1535.4	1725.5	1915.6	1854.7	1791.3	2098.4	2405.5
55°	1235.7	1269.8	1301.5	1408.7	1515.9	1654.9	1793.8	1713.3	1630.5	1952.2	2273.9
57.5°	1169.9	1206.4	1240.5	1355.1	1469.6	1567.1	1662.2	1589.1	1513.5	1786.5	2057.0
60°	1101.6	1143.0	1184.5	1330.7	1474.5	1457.4	1437.9	1423.3	1406.3	1601.2	1796.2
62.5°	1040.7	1084.6	1128.4	1318.5	1508.6	1391.6	1274.7	1286.8	1296.6	1440.4	1584.2
65°	979.8	1023.6	1065.1	1160.1	1255.2	1208.8	1162.5	1182.0	1199.1	1340.5	1481.8
67.5°	911.5	950.5	987.1	1018.7	1050.4	1055.3	1060.2	1079.7	1099.2	1267.3	1433.1
70°	836.0	867.6	899.3	921.3	940.8	950.5	957.8	982.2	1006.6	1189.4	1372.1
72.5°	750.7	777.5	801.8	821.3	840.8	848.1	853.0	877.4	901.8	1096.7	1291.7
75°	658.0	680.0	699.5	716.5	733.6	743.3	753.1	770.2	787.2	999.3	1208.8
77.5°	555.7	577.6	597.1	611.7	623.9	633.7	641.0	662.9	684.9	862.8	1038.2
80°	433.8	460.6	485.0	497.2	506.9	509.4	509.4	528.9	548.4	675.1	799.4
82.5°	307.1	336.3	363.1	372.9	382.6	382.6	382.6	404.6	426.5	511.8	594.7
85°	180.4	212.0	241.3	251.0	260.8	265.7	268.1	277.8	285.2	346.1	404.6
87.5°	56.1	82.9	107.2	112.1	117.0	126.7	136.5	138.9	138.9	180.4	221.8
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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CATALOG NUMBER: GAN-SA9D-740-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4	18571.4
2.5°	18271.7	18520.3	18810.3	19097.9	19344.0	19590.2	19794.9
5°	16239.0	16738.7	17350.4	17959.7	18503.2	19046.7	19677.9
7.5°	13684.9	14330.7	15122.8	15914.9	16682.6	17447.9	18417.9
10°	11835.0	12490.6	13329.0	14165.0	15027.8	15888.1	16984.8
12.5°	10660.3	11191.6	12003.2	12814.8	13828.7	14840.1	15895.4
15°	9885.3	10465.3	11255.0	12044.6	13153.6	14262.5	15476.2
17.5°	9059.1	9817.0	10828.5	11839.9	13153.6	14464.8	15895.4
20°	8193.9	9137.1	10448.3	11759.5	13528.9	15295.9	17121.3
22.5°	7331.1	8423.0	10104.6	11783.8	14096.8	16407.2	18871.2
25°	6553.6	7813.7	9895.0	11974.0	14923.0	17869.5	20925.8
27.5°	5963.8	7338.4	9809.7	12278.6	15971.0	19663.3	23160.7
30°	5439.8	6838.8	9707.4	12575.9	16980.0	21381.5	24908.2
32.5°	4986.5	6351.3	9509.9	12666.1	17684.3	22702.5	26387.5
35°	4630.7	5971.1	9178.5	12385.8	18125.4	23865.0	27927.8
37.5°	4323.6	5588.5	8800.7	12012.9	18517.8	25022.7	29660.7
40°	4031.1	5179.0	8476.6	11771.7	19058.9	26346.1	31491.0
42.5°	3753.3	4842.7	8215.8	11588.9	19560.9	27530.6	33092.3
45°	3546.1	4584.4	7984.3	11381.7	19885.1	28388.5	34298.7
47.5°	3443.8	4430.8	7860.0	11286.7	20209.2	29129.4	35300.4
50°	3429.1	4404.0	8001.3	11598.6	20911.2	30221.2	36445.9
52.5°	3426.7	4447.9	8408.3	12368.8	22215.1	32058.9	37686.4
55°	3375.5	4474.7	8893.3	13309.5	23965.0	34618.0	39916.4
57.5°	3219.5	4382.1	9393.0	14401.4	25814.8	37225.8	42429.2
60°	2978.3	4157.9	9804.8	15449.4	27057.8	38663.7	43396.7
62.5°	2676.0	3765.5	9941.3	16114.7	27023.6	37932.5	42421.9
65°	2417.7	3353.6	9492.9	15629.7	25656.4	35680.6	40494.0
67.5°	2188.6	2941.7	8371.8	13799.4	23197.2	32592.6	38042.2
70°	2022.9	2671.2	6926.5	11181.9	20119.1	29053.8	35202.9
72.5°	1918.1	2542.0	5647.0	8749.5	16326.8	23901.6	30111.6
75°	1774.3	2339.7	4430.8	6519.5	12495.5	18471.5	22743.9
77.5°	1506.2	1971.7	3339.0	4706.2	9168.7	13628.8	15817.4
80°	1162.5	1523.2	2295.8	3068.4	6309.9	9551.4	10784.6
82.5°	828.6	1062.6	1391.6	1720.7	4192.0	6660.9	6763.2
85°	511.8	619.0	797.0	974.9	2773.5	4572.2	3809.3
87.5°	275.4	329.0	421.6	511.8	887.1	1262.5	726.3
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: P320343
CATALOG NUMBER: GAN-SA9D-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)