

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: P320618

Luminaire Tested: **GAN-SA4D-730-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320618
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-SA4D-730-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 70 CRI, 3000K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25050 lumens
Efficiency: N/A
Efficacy: 97.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

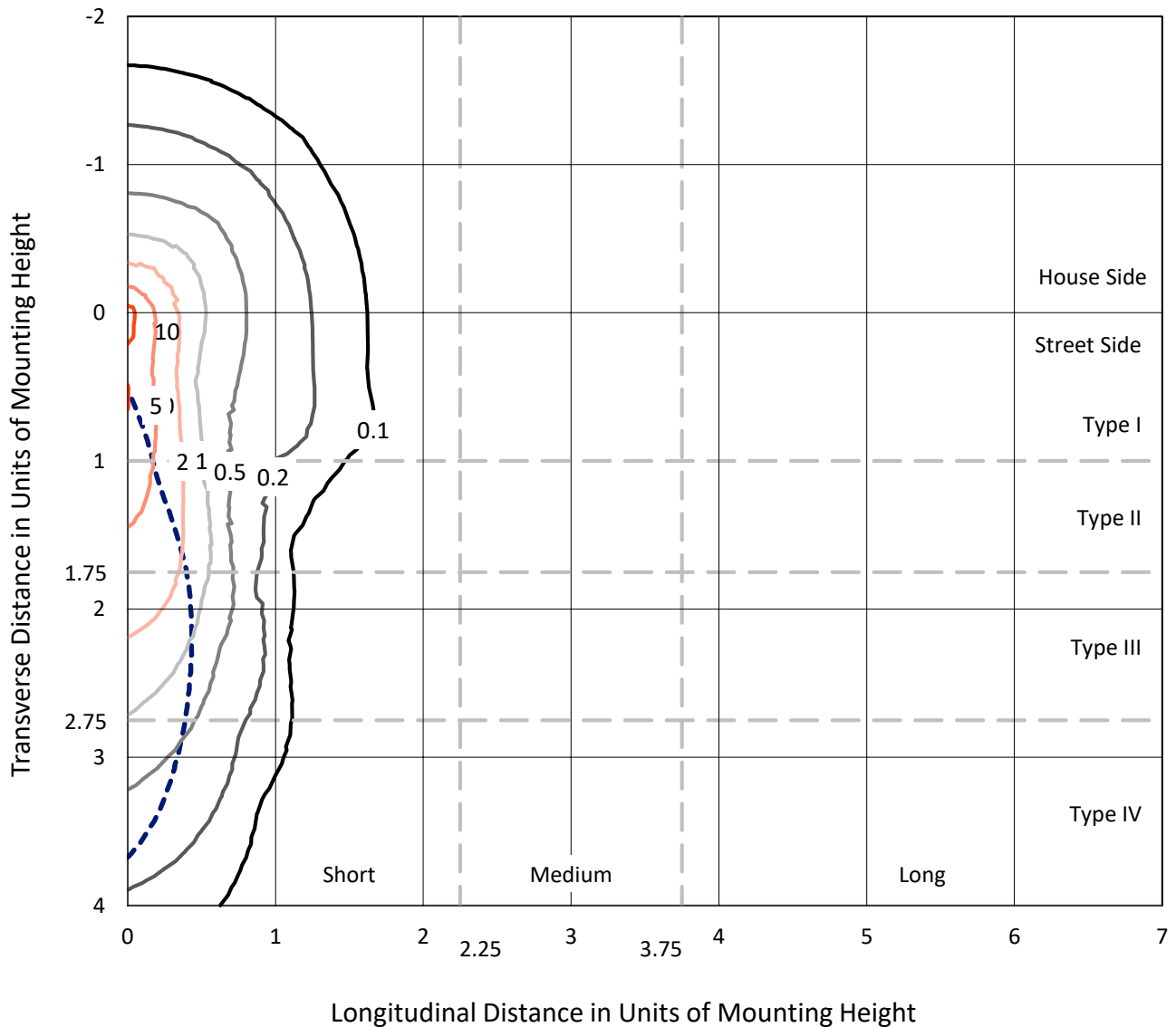
Input Watts (W): 258
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

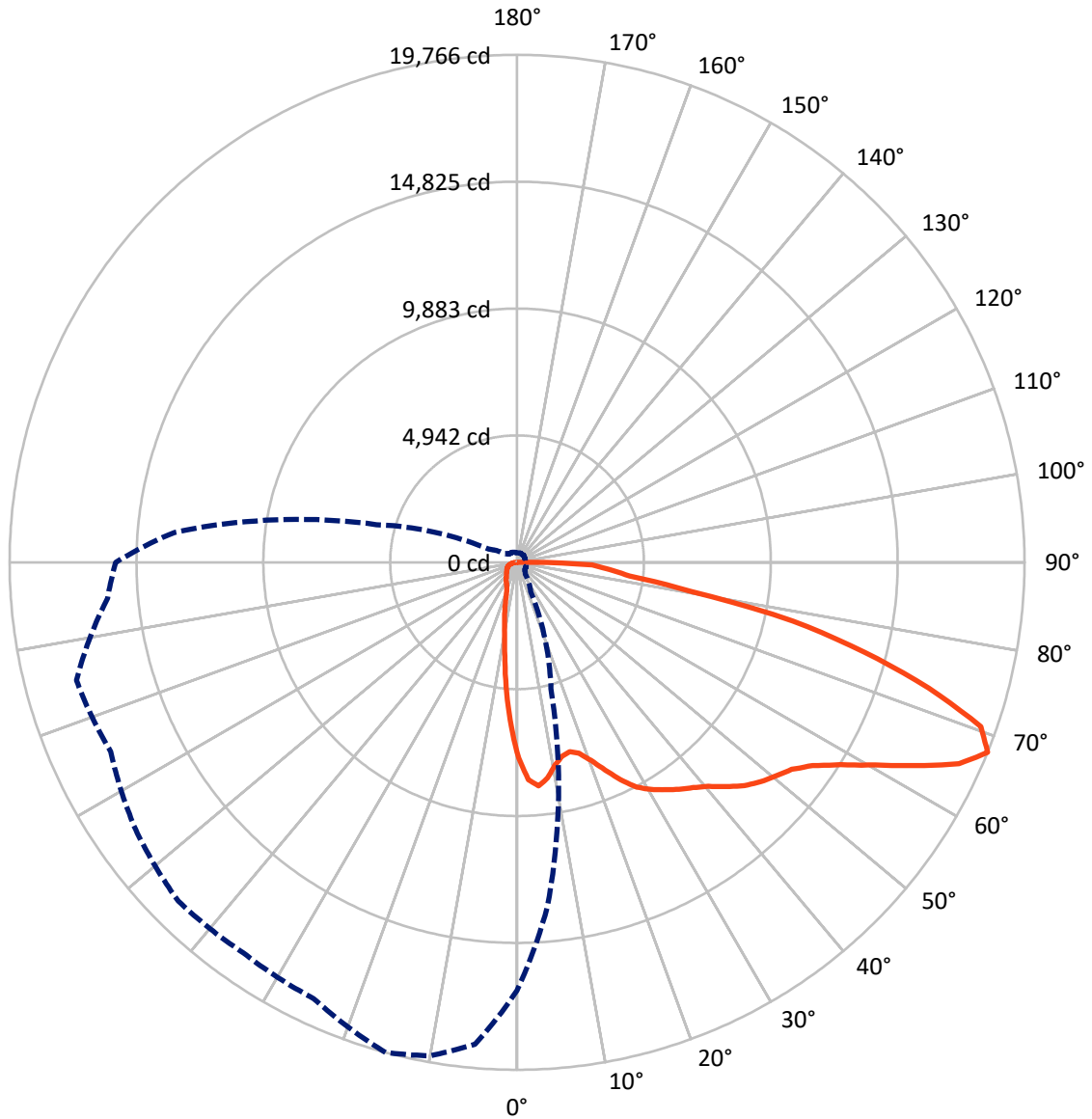
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.2 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 345-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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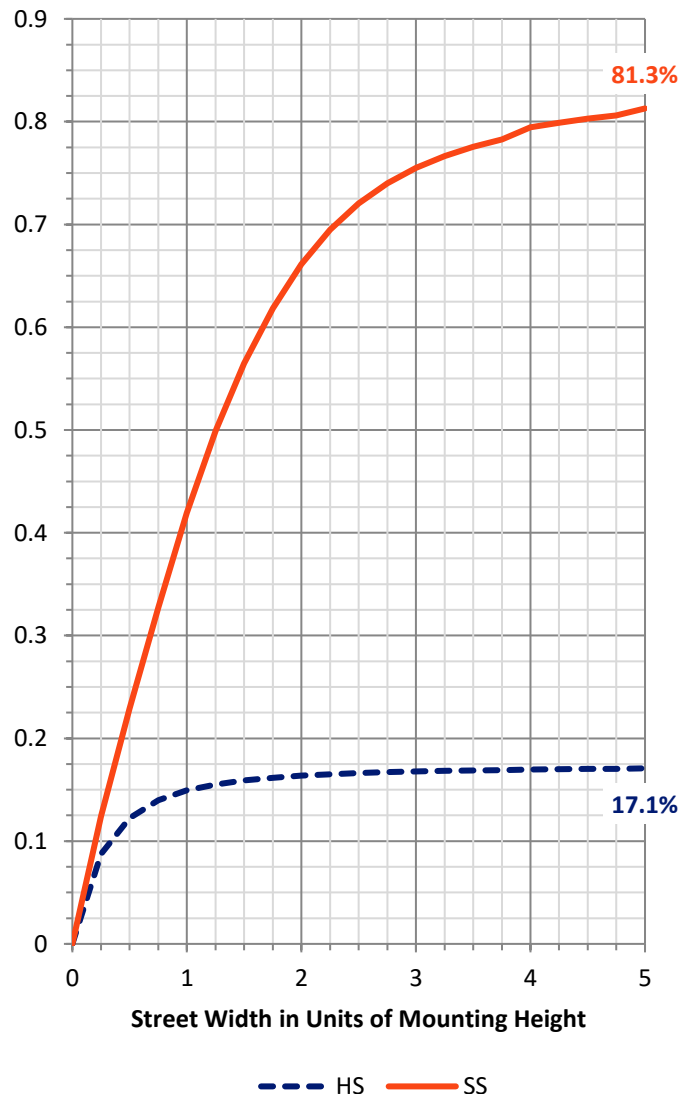
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4330.6	0.0	4330.6
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	20719.4	0.0	20719.4
	% Fixture	82.7	0.0	82.7
Total	Lumens	25050.0	0.0	25050.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	589.0	2.4
10°-20°	1223.6	4.9
20°-30°	1740.2	6.9
30°-40°	2507.6	10.0
40°-50°	3533.9	14.1
50°-60°	4912.7	19.6
60°-70°	5941.0	23.7
70°-80°	3651.8	14.6
80°-90°	950.2	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°	25050.0	100.0
0°-180°	25050.0	100.0

Coefficient of Utilization

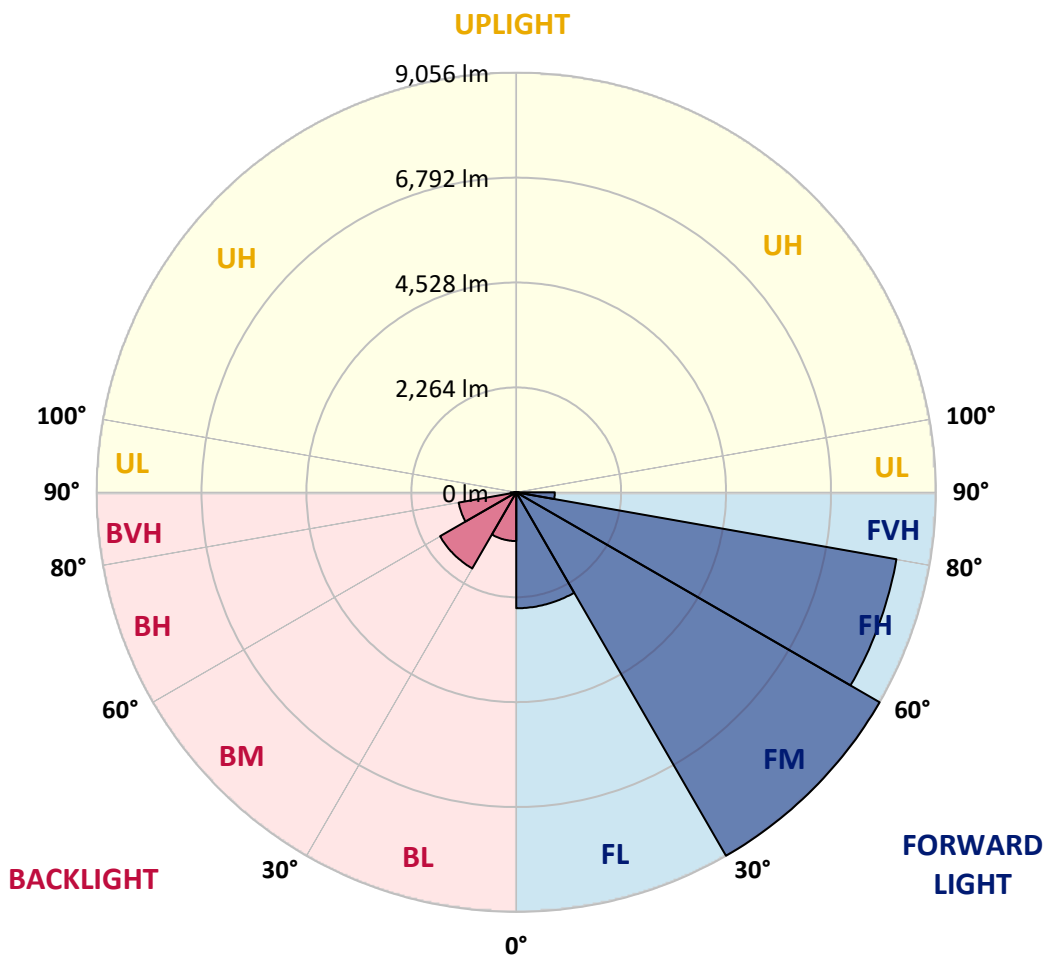


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2501.3	10.0			
FM (30°-60°)	9056.2	36.2			
FH (60°-80°)	8330.8	33.3			G4/12000
FVH (80°-90°)	831.1	3.3			G5
BL (0°-30°)	1051.4	4.2	B3/2500		
BM (30°-60°)	1898.0	7.6	B2/2500		
BH (60°-80°)	1262.0	5.0	B3/2500		G3/2500
BVH (80°-90°)	119.1	0.5			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 IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7
2.5°	8175.5	8103.4	7994.2	7885.0	7803.9	7721.8	7628.7	7535.5	7429.3	7322.2	7259.1
5°	8040.3	7840.0	7579.6	7319.2	7146.9	6974.7	6779.4	6584.1	6390.8	6197.5	6093.3
7.5°	7431.4	7130.9	6792.4	6453.9	6203.5	5952.1	5681.7	5410.3	5169.9	4928.5	4779.3
10°	6832.4	6471.9	6083.3	5693.7	5373.2	5052.7	4781.3	4508.9	4327.6	4146.3	4009.1
12.5°	6402.8	6003.2	5575.5	5146.9	4826.4	4505.9	4333.6	4161.4	4011.1	3860.9	3702.7
15°	6232.5	5780.8	5343.2	4904.5	4613.0	4321.6	4130.3	3938.0	3736.7	3534.4	3340.1
17.5°	6382.7	5853.9	5378.2	4902.5	4520.9	4139.3	3871.9	3603.5	3338.1	3072.7	2847.3
20°	6851.5	6176.4	5554.5	4931.5	4423.8	3916.0	3557.4	3197.9	2857.4	2516.8	2261.5
22.5°	7509.5	6616.1	5803.9	4991.6	4335.6	3678.6	3228.9	2778.2	2375.6	1973.0	1722.6
25°	8308.7	7199.0	6163.4	5126.8	4299.6	3471.3	2918.5	2365.6	1941.0	1515.3	1337.0
27.5°	9151.0	7894.1	6610.1	5325.1	4305.6	3286.0	2657.1	2027.1	1644.5	1261.9	1139.7
30°	9853.0	8688.3	7130.9	5572.5	4328.6	3084.7	2410.7	1736.7	1421.2	1105.7	1026.6
32.5°	10495.0	9242.1	7523.5	5803.9	4354.7	2904.4	2220.4	1535.3	1278.0	1019.6	954.5
35°	11158.0	9733.9	7797.9	5861.0	4309.6	2757.2	2090.2	1423.2	1185.8	947.4	892.4
37.5°	11888.2	10265.7	8062.3	5857.9	4233.5	2609.0	1989.0	1368.1	1125.7	882.3	842.3
40°	12702.4	10853.6	8348.8	5843.9	4164.4	2483.8	1913.9	1343.1	1092.7	841.3	807.2
42.5°	13498.6	11414.4	8615.2	5815.9	4108.3	2399.7	1839.8	1280.0	1062.6	844.3	796.2
45°	14096.5	11904.2	8846.5	5787.8	4066.2	2344.6	1781.7	1218.9	1034.6	850.3	789.2
47.5°	14550.2	12395.9	9102.9	5808.9	4062.2	2315.5	1740.7	1165.8	981.5	796.2	771.2
50°	15127.1	12986.8	9476.5	5966.1	4117.3	2268.5	1692.6	1115.7	930.4	745.1	779.2
52.5°	15845.2	13830.1	10055.4	6279.6	4232.5	2185.3	1616.5	1047.6	868.3	688.1	741.1
55°	16899.8	14910.8	10795.5	6679.2	4371.7	2063.2	1501.3	938.4	786.2	633.0	680.0
57.5°	17846.3	16002.4	11505.6	7007.7	4458.8	1908.9	1356.1	803.2	694.1	584.9	611.9
60°	18267.9	16565.3	11838.1	7109.9	4406.7	1703.6	1192.8	681.0	612.9	544.8	539.8
62.5°	18103.7	16207.8	11510.6	6813.4	4152.3	1491.3	1048.6	605.9	554.8	502.8	491.8
65°	17622.9	15084.0	10593.2	6102.3	3722.7	1343.1	957.5	571.9	514.8	457.7	445.7
67.5°	16675.5	13484.6	9293.2	5101.8	3176.9	1251.9	905.4	558.9	489.7	419.6	405.6
70°	14974.9	11559.7	7795.9	4031.2	2614.0	1195.8	871.3	546.8	462.7	377.6	364.6
72.5°	12299.8	9268.2	6225.5	3181.9	2185.3	1188.8	867.3	545.8	440.7	335.5	323.5
75°	8806.5	7039.8	4752.3	2463.8	1789.7	1115.7	823.3	530.8	410.6	289.4	278.4
77.5°	5926.1	4872.4	3303.0	1732.6	1328.0	923.4	692.1	460.7	351.5	242.4	231.4
80°	3805.8	3372.2	2213.4	1054.6	861.3	668.0	494.8	321.5	256.4	190.3	181.3
82.5°	2792.3	2509.8	1538.3	566.9	478.7	389.6	302.5	215.3	175.3	135.2	131.2
85°	1774.7	1957.0	1132.7	308.5	252.4	196.3	162.2	128.2	101.2	74.1	74.1
87.5°	344.5	476.7	313.5	149.2	109.2	69.1	59.1	48.1	27.0	5.0	6.0
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°	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7
2.5°	7195.0	7125.9	7056.8	6978.7	6899.5	6826.4	6752.3	6671.2	6686.2	6624.1	6562.0
5°	5989.1	5879.0	5767.8	5671.7	5575.5	5492.4	5408.3	5333.1	5398.2	5354.2	5310.1
7.5°	4629.1	4492.9	4355.7	4240.5	4125.3	4036.2	3946.0	3883.9	3948.0	3940.0	3932.0
10°	3871.9	3739.7	3606.5	3479.3	3352.1	3244.0	3134.8	3042.6	3026.6	2980.6	2933.5
12.5°	3543.4	3362.1	3179.9	3046.7	2913.4	2784.3	2655.1	2546.9	2497.8	2421.7	2344.6
15°	3145.8	2931.5	2717.1	2565.9	2413.7	2288.5	2162.3	2069.2	2038.1	1979.0	1919.9
17.5°	2622.0	2387.6	2153.3	2000.1	1845.8	1745.7	1644.5	1582.4	1582.4	1565.4	1548.4
20°	2006.1	1796.7	1587.4	1470.2	1353.1	1300.0	1245.9	1219.9	1227.9	1228.9	1228.9
22.5°	1471.2	1343.1	1214.9	1167.8	1119.7	1100.7	1081.7	1070.6	1074.6	1075.6	1076.6
25°	1158.8	1109.7	1059.6	1035.6	1010.5	998.5	986.5	982.5	991.5	992.5	992.5
27.5°	1017.6	987.5	956.5	941.4	925.4	920.4	915.4	908.4	917.4	917.4	916.4
30°	946.4	914.4	882.3	863.3	844.3	846.3	847.3	845.3	851.3	855.3	858.3
32.5°	888.4	857.3	826.3	807.2	787.2	784.2	781.2	779.2	792.2	799.2	806.2
35°	836.3	802.2	768.2	750.1	732.1	725.1	718.1	713.1	725.1	734.1	743.1
37.5°	801.2	766.2	730.1	713.1	695.1	686.0	677.0	671.0	676.0	680.0	684.0
40°	773.2	737.1	700.1	680.0	660.0	651.0	642.0	637.0	640.0	641.0	642.0
42.5°	747.1	712.1	677.0	655.0	632.0	620.9	609.9	603.9	605.9	607.9	608.9
45°	728.1	693.1	657.0	631.0	603.9	591.9	579.9	572.9	573.9	573.9	573.9
47.5°	746.1	695.1	643.0	612.9	581.9	567.9	553.8	546.8	544.8	542.8	540.8
50°	812.2	725.1	637.0	598.9	559.9	544.8	528.8	520.8	515.8	513.8	511.8
52.5°	793.2	718.1	642.0	592.9	542.8	524.8	506.8	493.8	488.7	485.7	482.7
55°	726.1	679.0	631.0	571.9	512.8	496.8	479.7	470.7	461.7	459.7	457.7
57.5°	638.0	618.9	599.9	539.8	479.7	464.7	448.7	442.7	434.7	434.7	433.7
60°	533.8	561.9	589.9	520.8	450.7	433.7	416.6	411.6	408.6	407.6	406.6
62.5°	479.7	525.8	570.9	497.8	423.6	405.6	387.6	381.6	380.6	381.6	381.6
65°	433.7	447.7	461.7	427.7	393.6	375.6	356.5	350.5	352.5	355.5	358.5
67.5°	391.6	388.6	385.6	373.6	360.6	345.5	329.5	323.5	324.5	328.5	332.5
70°	351.5	347.5	342.5	333.5	324.5	311.5	298.5	294.4	293.4	298.5	302.5
72.5°	311.5	306.5	300.5	293.4	285.4	274.4	263.4	260.4	261.4	264.4	267.4
75°	267.4	263.4	258.4	252.4	245.4	235.4	225.3	223.3	225.3	228.3	231.4
77.5°	219.3	218.3	216.3	211.3	206.3	195.3	183.3	182.3	185.3	188.3	190.3
80°	171.3	172.3	173.3	169.3	165.3	153.2	140.2	139.2	142.2	145.2	148.2
82.5°	126.2	129.2	131.2	126.2	121.2	107.2	93.1	91.1	101.2	104.2	107.2
85°	73.1	77.1	81.1	77.1	73.1	59.1	45.1	44.1	53.1	58.1	63.1
87.5°	6.0	8.0	10.0	9.0	8.0	4.0	0.0	0.0	1.0	5.0	9.0
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: P320618
 CATALOG NUMBER: GAN-SA4D-730-U-SLR

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: P320618
 CATALOG NUMBER: GAN-SA4D-730-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7
2.5°	6523.0	6483.9	6471.9	6459.9	6415.8	6370.7	6416.8	6461.9	6480.9	6499.9	6450.9
5°	5304.1	5297.1	5297.1	5296.1	5256.0	5215.0	5246.0	5276.1	5209.0	5141.9	5134.8
7.5°	3975.1	4018.1	4053.2	4087.2	4074.2	4061.2	4090.2	4119.3	4034.2	3948.0	3906.0
10°	2943.5	2952.5	2990.6	3028.6	3037.6	3045.7	3081.7	3116.8	3050.7	2984.6	2955.5
12.5°	2296.5	2248.4	2253.4	2257.4	2275.5	2292.5	2330.6	2367.6	2340.6	2312.5	2315.5
15°	1859.8	1798.7	1773.7	1747.7	1767.7	1787.7	1814.8	1840.8	1841.8	1841.8	1867.9
17.5°	1518.3	1487.3	1462.2	1436.2	1463.2	1489.3	1492.3	1495.3	1496.3	1497.3	1495.3
20°	1243.9	1258.9	1250.9	1242.9	1252.9	1261.9	1269.9	1277.0	1267.9	1257.9	1232.9
22.5°	1090.7	1103.7	1113.7	1122.7	1139.7	1155.8	1147.8	1138.7	1120.7	1101.7	1082.7
25°	1001.5	1010.5	1020.6	1030.6	1044.6	1057.6	1043.6	1029.6	1016.6	1003.5	990.5
27.5°	926.4	935.4	944.4	952.5	965.5	977.5	964.5	951.5	940.4	929.4	919.4
30°	865.3	871.3	878.3	885.4	897.4	908.4	897.4	885.4	877.3	868.3	861.3
32.5°	813.2	819.3	822.3	825.3	836.3	847.3	839.3	831.3	824.3	817.2	812.2
35°	756.2	768.2	770.2	772.2	783.2	794.2	789.2	783.2	775.2	767.2	758.2
37.5°	698.1	712.1	720.1	727.1	738.1	749.1	744.1	739.1	728.1	717.1	701.1
40°	649.0	655.0	670.0	684.0	702.1	719.1	709.1	698.1	681.0	664.0	656.0
42.5°	607.9	606.9	620.9	635.0	662.0	688.1	670.0	652.0	636.0	619.9	617.9
45°	571.9	568.9	575.9	582.9	611.9	640.0	621.9	602.9	593.9	584.9	584.9
47.5°	539.8	537.8	542.8	546.8	564.9	581.9	572.9	563.9	558.9	553.8	554.8
50°	510.8	508.8	513.8	517.8	524.8	530.8	532.8	533.8	530.8	527.8	529.8
52.5°	483.7	483.7	485.7	486.7	495.8	504.8	504.8	503.8	503.8	503.8	505.8
55°	460.7	462.7	462.7	462.7	476.7	489.7	485.7	481.7	482.7	482.7	484.7
57.5°	437.7	440.7	442.7	444.7	458.7	472.7	468.7	464.7	464.7	464.7	465.7
60°	411.6	415.6	419.6	423.6	437.7	451.7	447.7	442.7	443.7	444.7	445.7
62.5°	386.6	390.6	394.6	398.6	412.6	426.7	422.6	417.6	420.6	422.6	422.6
65°	362.6	365.6	369.6	373.6	386.6	399.6	395.6	391.6	395.6	398.6	400.6
67.5°	335.5	337.5	341.5	345.5	358.5	371.6	367.6	362.6	367.6	371.6	375.6
70°	304.5	306.5	311.5	315.5	328.5	341.5	336.5	331.5	336.5	341.5	345.5
72.5°	270.4	272.4	277.4	281.4	296.5	311.5	305.5	299.5	305.5	311.5	313.5
75°	233.4	235.4	241.4	246.4	261.4	276.4	271.4	265.4	270.4	275.4	276.4
77.5°	193.3	196.3	204.3	212.3	224.3	236.4	233.4	230.4	233.4	236.4	236.4
80°	151.2	154.2	164.3	173.3	180.3	187.3	188.3	189.3	190.3	191.3	190.3
82.5°	112.2	116.2	125.2	134.2	134.2	134.2	142.2	149.2	149.2	148.2	147.2
85°	69.1	74.1	82.1	90.1	85.1	80.1	93.1	105.2	105.2	104.2	102.2
87.5°	14.0	19.0	27.0	34.1	29.0	24.0	37.1	50.1	51.1	51.1	49.1
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: P320618
 CATALOG NUMBER: GAN-SA4D-730-U-SLR

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: P320618

CATALOG NUMBER: GAN-SA4D-730-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7
2.5°	6400.8	6478.9	6556.0	6576.0	6606.1	6619.1	6631.1	6729.3	6826.4	6940.6	7054.8
5°	5126.8	5184.9	5243.0	5252.0	5283.1	5299.1	5315.1	5434.3	5552.5	5711.7	5871.0
7.5°	3863.9	3877.9	3891.9	3889.9	3916.0	3951.0	3985.1	4112.3	4238.5	4409.7	4580.0
10°	2926.5	2958.5	2989.6	3018.6	3075.7	3141.8	3206.9	3337.1	3467.3	3636.6	3804.8
12.5°	2318.5	2355.6	2391.7	2423.7	2489.8	2577.9	2665.1	2821.3	2977.5	3179.9	3381.2
15°	1892.9	1889.9	1886.9	1908.9	1967.0	2063.2	2158.3	2323.5	2488.8	2711.1	2932.5
17.5°	1493.3	1478.3	1463.2	1480.3	1534.3	1613.5	1691.6	1831.8	1971.0	2186.3	2401.7
20°	1207.8	1197.8	1187.8	1203.8	1237.9	1270.9	1304.0	1405.1	1505.3	1680.6	1854.8
22.5°	1062.6	1061.6	1059.6	1068.6	1084.7	1101.7	1117.7	1166.8	1214.9	1328.0	1440.2
25°	977.5	976.5	975.5	979.5	992.5	1005.5	1018.6	1050.6	1082.7	1136.7	1190.8
27.5°	909.4	907.4	905.4	906.4	909.4	929.4	948.4	963.5	977.5	1014.5	1050.6
30°	854.3	853.3	852.3	852.3	849.3	856.3	863.3	886.4	908.4	946.4	984.5
32.5°	807.2	802.2	797.2	786.2	779.2	789.2	799.2	823.3	847.3	882.3	917.4
35°	748.1	735.1	721.1	715.1	716.1	726.1	736.1	760.2	783.2	821.3	858.3
37.5°	684.0	680.0	675.0	674.0	677.0	687.0	697.1	718.1	738.1	776.2	813.2
40°	648.0	646.0	644.0	642.0	644.0	654.0	664.0	684.0	703.1	740.1	776.2
42.5°	615.9	614.9	613.9	613.9	614.9	626.0	637.0	657.0	676.0	709.1	742.1
45°	584.9	585.9	585.9	587.9	590.9	601.9	611.9	634.0	656.0	688.1	720.1
47.5°	555.8	558.9	560.9	565.9	568.9	580.9	591.9	615.9	640.0	680.0	719.1
50°	530.8	533.8	535.8	539.8	547.8	561.9	575.9	604.9	633.0	700.1	766.2
52.5°	507.8	510.8	513.8	517.8	527.8	543.8	559.9	595.9	631.0	709.1	787.2
55°	486.7	489.7	491.8	497.8	507.8	521.8	534.8	578.9	623.0	680.0	737.1
57.5°	466.7	469.7	471.7	475.7	480.7	495.8	509.8	556.9	603.9	644.0	683.0
60°	445.7	447.7	448.7	448.7	452.7	469.7	486.7	546.8	605.9	598.9	590.9
62.5°	422.6	424.6	425.7	422.6	427.7	445.7	463.7	541.8	619.9	571.9	523.8
65°	401.6	400.6	399.6	396.6	402.6	420.6	437.7	476.7	515.8	496.8	477.7
67.5°	378.6	375.6	372.6	368.6	374.6	390.6	405.6	418.6	431.7	433.7	435.7
70°	349.5	345.5	341.5	340.5	343.5	356.5	369.6	378.6	386.6	390.6	393.6
72.5°	315.5	312.5	309.5	307.5	308.5	319.5	329.5	337.5	345.5	348.5	350.5
75°	277.4	277.4	276.4	270.4	270.4	279.4	287.4	294.4	301.5	305.5	309.5
77.5°	236.4	237.4	237.4	229.4	228.3	237.4	245.4	251.4	256.4	260.4	263.4
80°	189.3	187.3	185.3	180.3	178.3	189.3	199.3	204.3	208.3	209.3	209.3
82.5°	145.2	141.2	136.2	125.2	126.2	138.2	149.2	153.2	157.2	157.2	157.2
85°	99.2	91.1	82.1	73.1	74.1	87.1	99.2	103.2	107.2	109.2	110.2
87.5°	47.1	39.1	30.0	23.0	23.0	34.1	44.1	46.1	48.1	52.1	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: P320618
 CATALOG NUMBER: GAN-SA4D-730-U-SLR

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: P320618
 CATALOG NUMBER: GAN-SA4D-730-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7
2.5°	7141.9	7228.0	7317.2	7406.3	7508.5	7610.6	7729.8	7848.0	7949.1	8050.3	8134.4
5°	6008.2	6145.4	6306.6	6467.9	6673.2	6878.5	7129.9	7380.3	7603.6	7827.0	8086.4
7.5°	4759.3	4937.5	5147.9	5358.2	5623.6	5889.0	6214.5	6540.0	6855.5	7170.0	7568.6
10°	3992.1	4179.4	4386.7	4593.0	4863.4	5132.8	5477.4	5820.9	6175.4	6529.0	6979.7
12.5°	3589.5	3796.8	3979.1	4161.4	4380.7	4599.0	4932.5	5266.0	5682.7	6098.3	6532.0
15°	3159.8	3386.2	3604.5	3822.8	4062.2	4300.6	4625.1	4949.6	5405.3	5861.0	6359.7
17.5°	2640.0	2878.4	3144.8	3410.2	3722.7	4034.2	4449.8	4865.4	5405.3	5944.1	6532.0
20°	2098.2	2341.6	2660.1	2978.5	3367.1	3754.7	4293.6	4832.4	5559.5	6285.6	7035.7
22.5°	1655.5	1869.9	2217.4	2563.9	3012.6	3461.3	4152.3	4842.4	5792.8	6742.3	7754.8
25°	1342.0	1493.3	1834.8	2175.3	2693.1	3210.9	4066.2	4920.5	6132.4	7343.2	8599.1
27.5°	1149.8	1248.9	1567.4	1884.9	2450.7	3015.6	4031.2	5045.7	6563.0	8080.3	9517.5
30°	1053.6	1122.7	1392.1	1660.5	2235.4	2810.3	3989.1	5167.9	6977.7	8786.4	10235.6
32.5°	973.5	1028.6	1258.9	1488.3	2049.1	2610.0	3908.0	5204.9	7267.1	9329.2	10843.6
35°	905.4	951.5	1151.8	1352.1	1902.9	2453.7	3771.8	5089.8	7448.4	9807.0	11476.5
37.5°	850.3	886.4	1071.6	1256.9	1776.7	2296.5	3616.5	4936.5	7609.6	10282.7	12188.6
40°	807.2	838.3	1011.5	1184.8	1656.5	2128.3	3483.3	4837.4	7832.0	10826.5	12940.8
42.5°	783.2	823.3	959.5	1094.7	1542.4	1990.0	3376.2	4762.3	8038.3	11313.3	13598.8
45°	777.2	834.3	932.4	1030.6	1457.2	1883.9	3281.0	4677.1	8171.5	11665.8	14094.5
47.5°	767.2	814.2	911.4	1008.5	1415.2	1820.8	3229.9	4638.1	8304.7	11970.3	14506.2
50°	773.2	779.2	894.4	1008.5	1409.2	1809.8	3288.0	4766.3	8593.1	12419.0	14976.9
52.5°	762.2	736.1	862.3	988.5	1408.2	1827.8	3455.3	5082.8	9128.9	13174.1	15486.7
55°	704.1	670.0	802.2	934.4	1387.1	1838.8	3654.6	5469.4	9848.0	14225.7	16403.1
57.5°	653.0	621.9	734.1	845.3	1323.0	1800.8	3859.9	5918.0	10608.2	15297.4	17435.6
60°	584.9	577.9	658.0	738.1	1223.9	1708.6	4029.2	6348.7	11119.0	15888.3	17833.2
62.5°	528.8	532.8	591.9	651.0	1099.7	1547.4	4085.2	6622.1	11105.0	15587.8	17432.6
65°	485.7	492.8	550.8	608.9	993.5	1378.1	3901.0	6422.8	10543.1	14662.4	16640.4
67.5°	443.7	451.7	520.8	588.9	899.4	1208.8	3440.3	5670.7	9532.6	13393.5	15632.9
70°	403.6	413.6	488.7	563.9	831.3	1097.7	2846.3	4595.0	8267.6	11939.2	14466.1
72.5°	360.6	370.6	450.7	530.8	788.2	1044.6	2320.5	3595.5	6709.2	9822.0	12373.9
75°	316.5	323.5	410.6	496.8	729.1	961.5	1820.8	2679.1	5134.8	7590.6	9346.3
77.5°	272.4	281.4	354.5	426.7	618.9	810.2	1372.1	1934.0	3767.8	5600.6	6499.9
80°	217.3	225.3	277.4	328.5	477.7	626.0	943.4	1260.9	2593.0	3925.0	4431.8
82.5°	166.3	175.3	210.3	244.4	340.5	436.7	571.9	707.1	1722.6	2737.2	2779.2
85°	114.2	117.2	142.2	166.3	210.3	254.4	327.5	400.6	1139.7	1878.9	1565.4
87.5°	57.1	57.1	74.1	91.1	113.2	135.2	173.3	210.3	364.6	518.8	298.5
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



REPORT NUMBER: P320618
 CATALOG NUMBER: GAN-SA4D-730-U-SLR

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: P320618

CATALOG NUMBER: GAN-SA4D-730-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7
2.5°	8241.6	8314.7	8388.8	8444.9	8502.0	8584.1	8666.2	8681.3	8697.3	8665.2	8633.2
5°	8347.7	8569.1	8791.4	8996.7	9202.1	9325.2	9448.4	9473.5	9498.5	9421.4	9343.3
7.5°	7954.1	8339.7	8725.3	9078.9	9432.4	9646.7	9862.1	9910.1	9959.2	9833.0	9706.8
10°	7428.3	7902.1	8375.8	8841.5	9307.2	9618.7	9930.2	9992.3	10054.4	9897.1	9739.9
12.5°	7021.7	7527.5	8033.3	8524.0	9015.8	9338.3	9660.8	9737.9	9815.0	9700.8	9585.6
15°	6896.5	7372.3	7848.0	8275.6	8704.3	8967.7	9232.1	9263.1	9295.2	9277.2	9259.1
17.5°	7123.9	7553.5	7984.2	8216.5	8449.9	8555.1	8661.2	8695.3	8730.3	8775.4	8821.5
20°	7674.7	7977.2	8280.6	8270.6	8259.6	8208.5	8156.5	8147.4	8138.4	8267.6	8397.8
22.5°	8497.0	8617.2	8738.3	8456.9	8175.5	8004.2	7832.0	7797.9	7762.9	7900.1	8038.3
25°	9389.3	9367.3	9344.3	8808.5	8271.6	7945.1	7618.6	7580.6	7542.5	7659.7	7777.9
27.5°	10272.7	10128.5	9984.2	9256.1	8528.0	8054.3	7580.6	7542.5	7504.5	7608.6	7712.8
30°	10920.7	10689.3	10458.0	9633.7	8809.5	8246.6	7683.7	7621.6	7558.5	7686.7	7814.9
32.5°	11426.5	11116.0	10805.5	9940.2	9074.9	8465.9	7857.0	7759.9	7662.7	7834.0	8005.2
35°	11931.2	11494.6	11056.9	10213.6	9369.3	8725.3	8080.3	7961.2	7842.0	8077.3	8312.7
37.5°	12566.2	11939.2	11311.3	10521.1	9730.9	9113.9	8496.0	8373.8	8251.6	8551.1	8851.5
40°	13255.2	12419.0	11582.7	10857.6	10132.5	9651.7	9170.0	9053.8	8936.6	9301.2	9665.8
42.5°	13828.1	12865.7	11903.2	11263.2	10622.2	10283.7	9944.2	9943.2	9941.2	10310.7	10680.3
45°	14293.8	13238.2	12181.6	11658.8	11135.0	10958.7	10782.5	10923.7	11064.9	11398.4	11732.9
47.5°	14641.4	13550.7	12459.0	12111.5	11764.0	11790.0	11816.0	12103.5	12390.9	12605.3	12820.6
50°	14867.7	13834.1	12799.5	12692.4	12585.2	12818.6	13052.9	13382.4	13712.9	13859.2	14005.4
52.5°	15197.2	14218.7	13239.2	13359.4	13479.6	13956.3	14433.0	14766.6	15100.1	15154.1	15209.2
55°	15959.4	14925.8	13891.2	14121.6	14352.9	15052.0	15752.1	16012.5	16272.9	16292.9	16312.9
57.5°	17042.0	15916.3	14790.6	15039.0	15287.3	16094.6	16902.8	17183.2	17464.7	17425.6	17385.6
60°	17852.3	16856.7	15860.2	16110.6	16361.0	17148.2	17935.4	18257.9	18581.4	18495.2	18409.1
62.5°	17902.3	17370.5	16837.7	17064.1	17291.4	18062.6	18833.8	19165.3	19496.8	19346.5	19196.3
65°	17106.1	17344.5	17582.9	17658.0	17733.1	18452.2	19172.3	19425.7	19680.1	19603.9	19527.8
67.5°	16009.5	16887.8	17767.1	17615.9	17464.7	17802.2	18139.7	18401.1	18662.5	18619.4	18575.4
70°	14914.8	16087.6	17260.4	16517.2	15773.1	15633.9	15494.7	15776.1	16058.5	15884.3	15709.0
72.5°	13050.9	14300.8	15551.8	14182.7	12813.6	12337.8	11862.1	12219.7	12577.2	12299.8	12021.4
75°	10244.6	11625.8	13007.9	11374.4	9740.9	9105.9	8470.9	8778.4	9085.9	8895.6	8704.3
77.5°	7626.6	8987.7	10348.8	8688.3	7026.7	6555.0	6082.3	6173.4	6265.6	6233.5	6200.5
80°	5172.9	6121.3	7070.8	5965.1	4859.4	4895.5	4932.5	4889.5	4845.4	4909.5	4973.6
82.5°	3301.0	4033.2	4766.3	4179.4	3592.5	3929.0	4265.5	4100.3	3934.0	3995.1	4057.2
85°	1883.9	2600.0	3317.1	3091.7	2865.4	3061.7	3259.0	3002.6	2746.2	2858.4	2971.5
87.5°	496.8	1438.2	2380.6	2161.3	1942.0	1687.6	1433.2	1093.7	754.2	1101.7	1449.2
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



REPORT NUMBER: P320618
 CATALOG NUMBER: GAN-SA4D-730-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7	7631.7
2.5°	8616.2	8599.1	8538.0	8475.9	8383.8	8307.7	8175.5
5°	9235.1	9126.9	8940.7	8753.4	8545.1	8305.7	8040.3
7.5°	9454.4	9201.1	8843.5	8485.0	8162.5	7783.9	7431.4
10°	9361.3	8981.7	8517.0	8051.3	7659.7	7224.0	6832.4
12.5°	9183.0	8779.4	8267.6	7754.8	7309.2	6841.4	6402.8
15°	8937.7	8615.2	8135.4	7655.7	7207.0	6752.3	6232.5
17.5°	8669.2	8516.0	8169.5	7821.9	7433.4	6992.7	6382.7
20°	8452.9	8509.0	8370.8	8232.6	7921.1	7536.5	6851.5
22.5°	8306.7	8576.1	8682.3	8789.4	8602.1	8301.7	7509.5
25°	8224.6	8671.2	9026.8	9383.3	9300.2	9068.9	8308.7
27.5°	8260.6	8808.5	9360.3	9913.1	9990.3	9926.2	9151.0
30°	8368.8	8923.6	9595.7	10268.7	10576.2	10662.3	9853.0
32.5°	8549.1	9092.9	9825.0	10558.1	11022.8	11297.3	10495.0
35°	8821.5	9330.3	10093.4	10856.6	11457.5	11958.3	11158.0
37.5°	9289.2	9726.9	10430.9	11136.0	11915.2	12667.3	11888.2
40°	9974.2	10283.7	10878.6	11474.5	12455.0	13470.6	12702.4
42.5°	10838.6	10997.8	11469.5	11941.2	13018.9	14199.7	13498.6
45°	11775.0	11817.0	12113.5	12411.0	13465.6	14696.4	14096.5
47.5°	12676.4	12532.1	12650.3	12768.5	13808.1	15051.0	14550.2
50°	13603.8	13202.2	13140.1	13078.0	14150.6	15468.6	15127.1
52.5°	14547.2	13885.2	13639.8	13393.5	14559.2	16022.5	15845.2
55°	15470.6	14628.3	14297.8	13967.3	15184.2	16698.5	16899.8
57.5°	16431.1	15476.6	15170.2	14863.7	16102.6	17554.8	17846.3
60°	17464.7	16519.2	16273.9	16027.5	17244.3	18480.2	18267.9
62.5°	18445.2	17694.0	17564.8	17434.6	18399.1	19191.3	18103.7
65°	19100.2	18671.5	18791.7	18912.9	19272.4	19368.6	17622.9
67.5°	18662.5	18749.6	19257.4	19766.2	19518.8	18841.8	16675.5
70°	16230.8	16753.6	17956.4	19160.3	18611.4	17430.6	14974.9
72.5°	12608.3	13196.2	14981.9	16768.6	16262.8	14816.6	12299.8
75°	9367.3	10031.3	12002.3	13973.3	13271.3	11082.9	8806.5
77.5°	6645.1	7089.8	9035.8	10982.8	9838.0	7377.3	5926.1
80°	4837.4	4701.2	5785.8	6870.5	6680.2	4879.5	3805.8
82.5°	3724.7	3392.2	3903.0	4413.7	4385.7	3386.2	2792.3
85°	2838.3	2705.1	3156.8	3608.5	3221.9	2293.5	1774.7
87.5°	1654.5	1860.8	2392.7	2925.5	2195.4	696.1	344.5
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



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 CATALOG NUMBER: GAN-SA4D-730-U-SLR

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)