

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: P320616

Luminaire Tested: **GAN-SA2D-730-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320616
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-SA2D-730-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(2) 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: 12705 lumens
Efficiency: N/A
Efficacy: 98.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B2 - U0 - G3

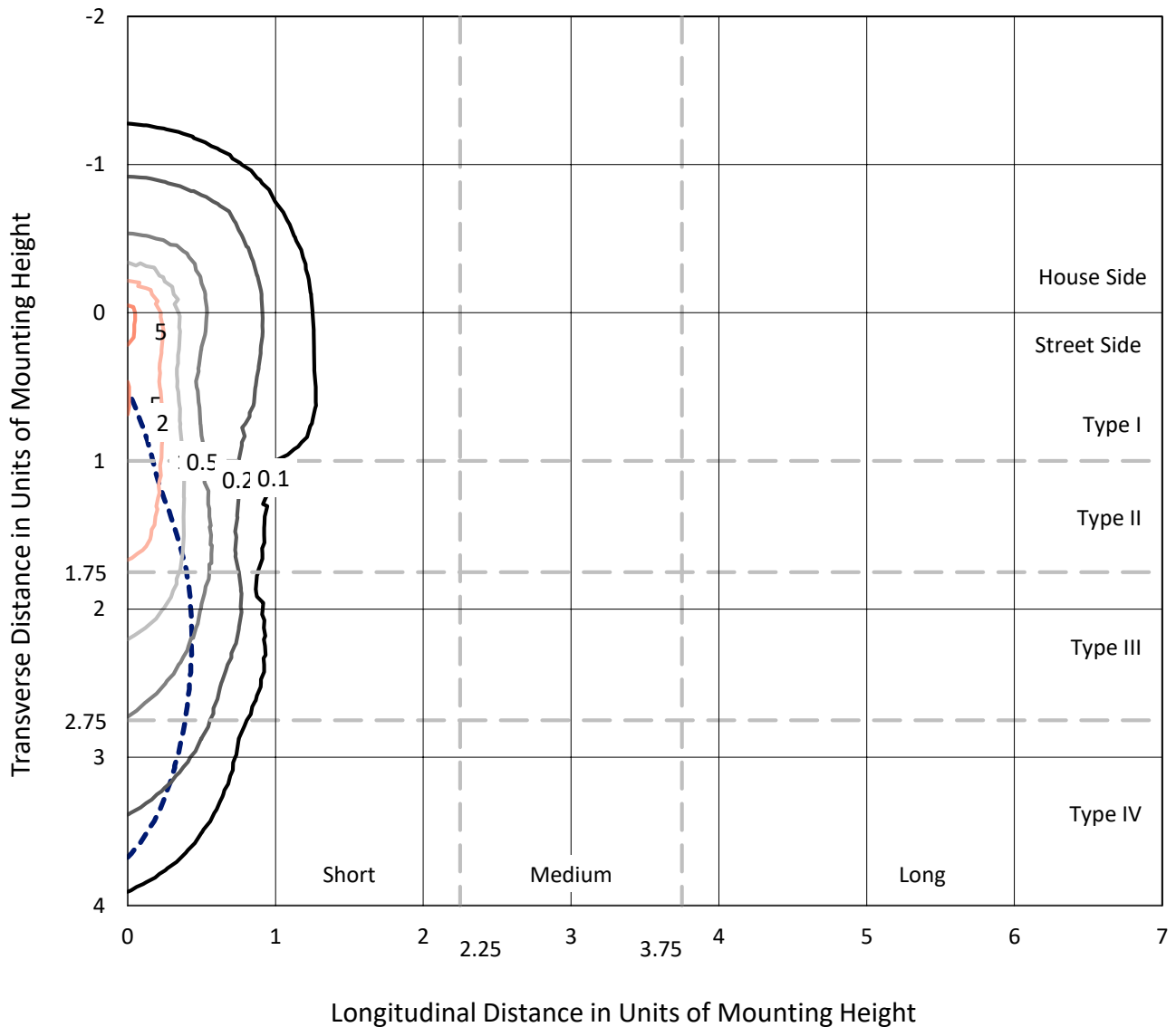
Input Watts (W): 129
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

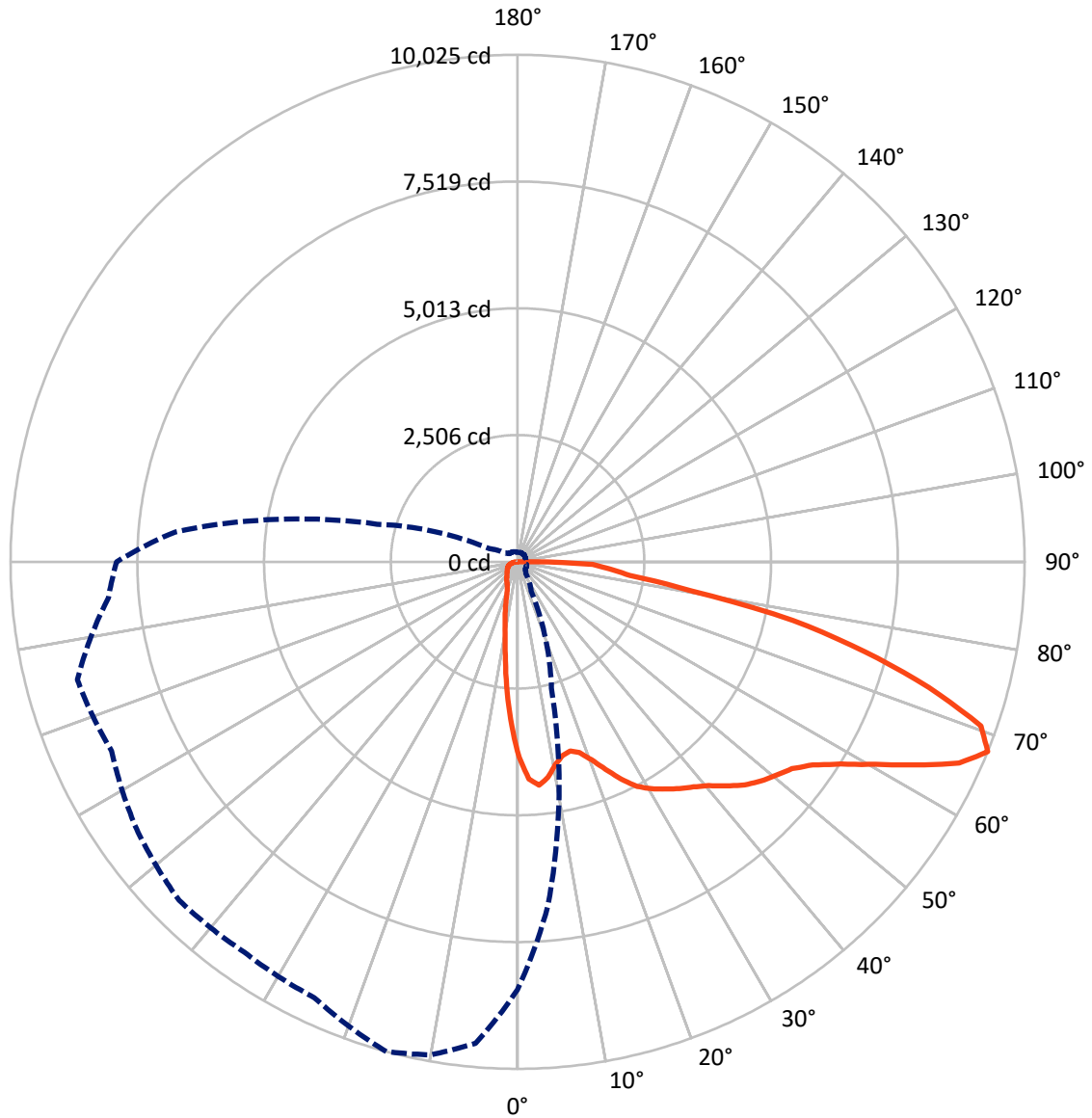
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.2 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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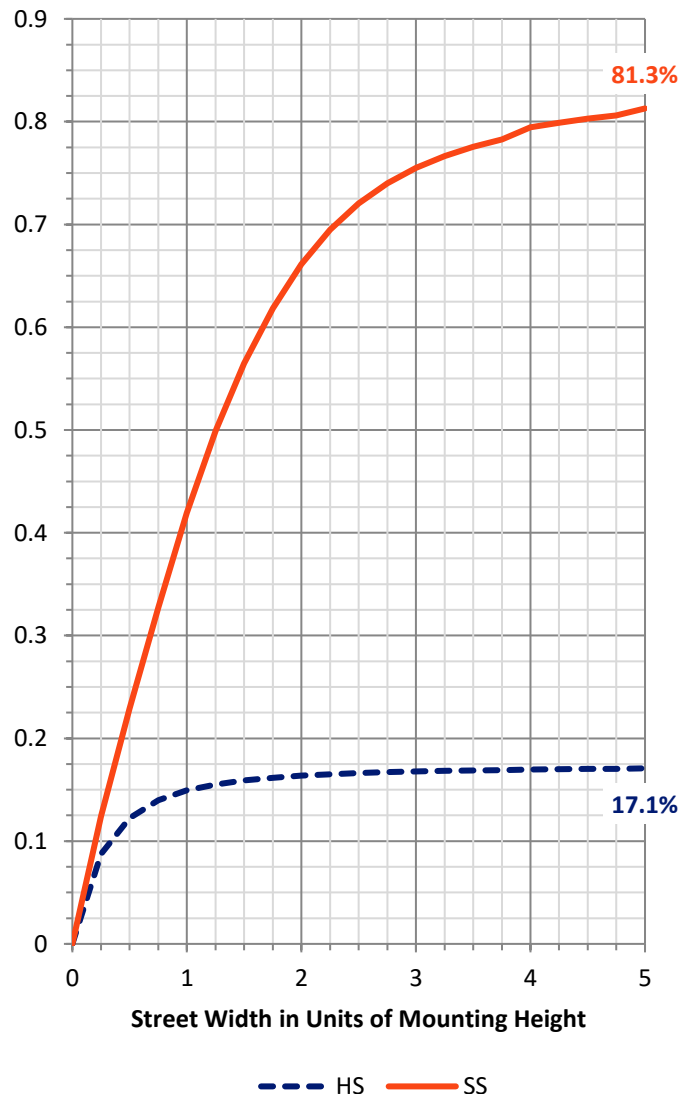
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2196.4	0.0	2196.4
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	10508.6	0.0	10508.6
	% Fixture	82.7	0.0	82.7
Total	Lumens	12705.0	0.0	12705.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	298.7	2.4
10°-20°	620.6	4.9
20°-30°	882.6	6.9
30°-40°	1271.8	10.0
40°-50°	1792.3	14.1
50°-60°	2491.7	19.6
60°-70°	3013.2	23.7
70°-80°	1852.1	14.6
80°-90°	481.9	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°	12705.0	100.0
0°-180°	12705.0	100.0

Coefficient of Utilization

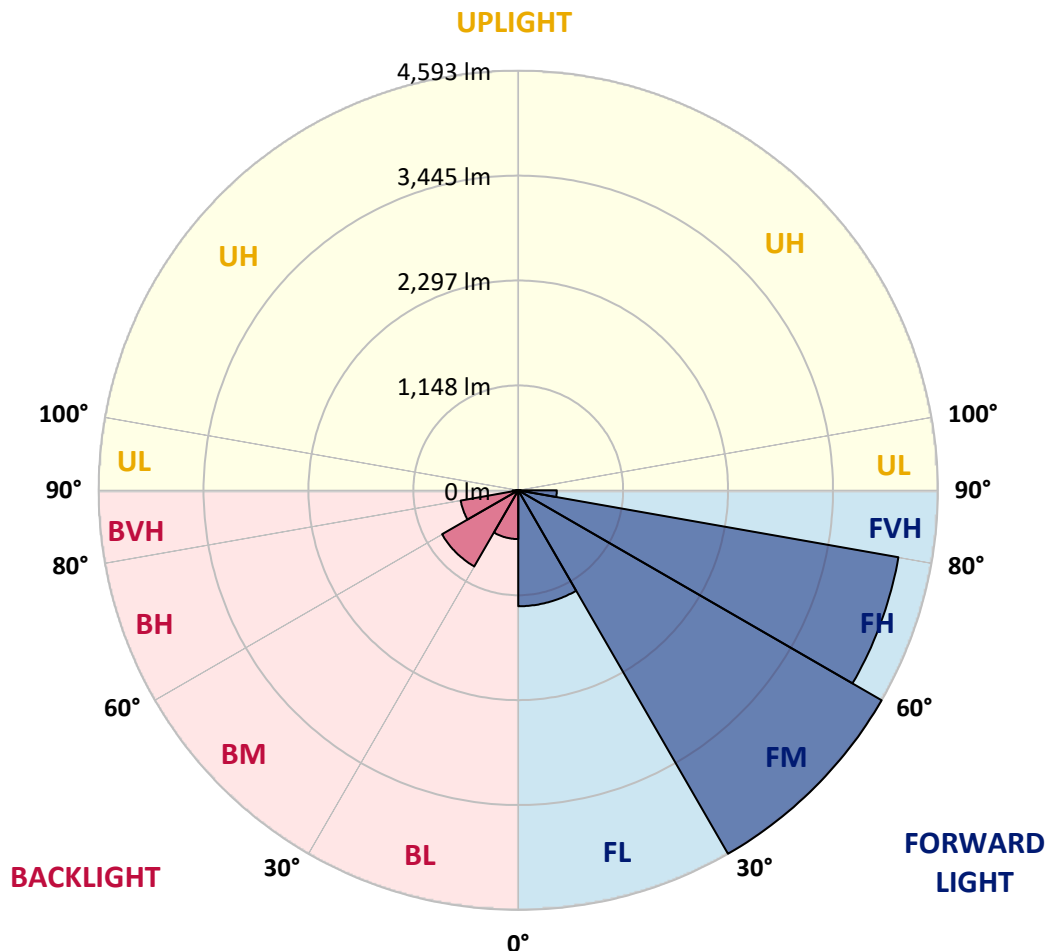


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1268.6	10.0			
FM (30°-60°)	4593.2	36.2			
FH (60°-80°)	4225.3	33.3			G2/5000
FVH (80°-90°)	421.5	3.3			G3/500
BL (0°-30°)	533.3	4.2	B2/1000		
BM (30°-60°)	962.7	7.6	B1/1000		
BH (60°-80°)	640.1	5.0	B2/1000		G2/1000
BVH (80°-90°)	60.4	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3
 Type IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7
2.5°	4146.5	4109.9	4054.5	3999.2	3958.0	3916.4	3869.1	3821.9	3768.1	3713.7	3681.7
5°	4077.9	3976.3	3844.3	3712.2	3624.8	3537.4	3438.4	3339.3	3241.3	3143.3	3090.4
7.5°	3769.1	3616.7	3445.0	3273.3	3146.3	3018.8	2881.7	2744.0	2622.1	2499.7	2424.0
10°	3465.3	3282.4	3085.4	2887.8	2725.2	2562.7	2425.0	2286.8	2194.9	2103.0	2033.4
12.5°	3247.4	3044.7	2827.8	2610.4	2447.9	2285.3	2197.9	2110.6	2034.4	1958.2	1877.9
15°	3161.0	2932.0	2710.0	2487.5	2339.7	2191.9	2094.8	1997.3	1895.2	1792.6	1694.1
17.5°	3237.2	2969.0	2727.8	2486.5	2292.9	2099.4	1963.8	1827.6	1693.0	1558.4	1444.1
20°	3475.0	3132.6	2817.2	2501.2	2243.7	1986.1	1804.3	1621.9	1449.2	1276.5	1147.0
22.5°	3808.7	3355.6	2943.6	2531.7	2199.0	1865.7	1637.7	1409.1	1204.9	1000.7	873.7
25°	4214.0	3651.2	3126.0	2600.3	2180.7	1760.6	1480.2	1199.8	984.4	768.5	678.1
27.5°	4641.2	4003.8	3352.5	2700.8	2183.7	1666.6	1347.6	1028.1	834.1	640.0	578.1
30°	4997.3	4406.6	3616.7	2826.3	2195.4	1564.5	1222.7	880.8	720.8	560.8	520.7
32.5°	5322.9	4687.5	3815.8	2943.6	2208.6	1473.1	1126.2	778.7	648.2	517.1	484.1
35°	5659.2	4936.9	3955.0	2972.6	2185.8	1398.4	1060.1	721.8	601.4	480.5	452.6
37.5°	6029.5	5206.6	4089.1	2971.1	2147.2	1323.2	1008.8	693.9	570.9	447.5	427.2
40°	6442.5	5504.8	4234.4	2964.0	2112.1	1259.7	970.7	681.2	554.2	426.7	409.4
42.5°	6846.3	5789.2	4369.5	2949.7	2083.7	1217.1	933.1	649.2	538.9	428.2	403.8
45°	7149.6	6037.6	4486.8	2935.5	2062.3	1189.1	903.7	618.2	524.7	431.3	400.3
47.5°	7379.7	6287.0	4616.9	2946.2	2060.3	1174.4	882.8	591.3	497.8	403.8	391.1
50°	7672.2	6586.7	4806.3	3025.9	2088.2	1150.5	858.5	565.9	471.9	377.9	395.2
52.5°	8036.5	7014.4	5099.9	3184.9	2146.6	1108.4	819.8	531.3	440.4	349.0	375.9
55°	8571.3	7562.5	5475.3	3387.6	2217.3	1046.4	761.4	476.0	398.7	321.0	344.9
57.5°	9051.4	8116.2	5835.5	3554.2	2261.4	968.2	687.8	407.4	352.0	296.6	310.4
60°	9265.2	8401.7	6004.1	3606.0	2235.0	864.0	605.0	345.4	310.9	276.3	273.8
62.5°	9181.9	8220.3	5838.0	3455.7	2106.0	756.4	531.8	307.3	281.4	255.0	249.4
65°	8938.1	7650.4	5372.7	3095.0	1888.1	681.2	485.6	290.0	261.1	232.1	226.0
67.5°	8457.6	6839.2	4713.4	2587.6	1611.3	635.0	459.2	283.4	248.4	212.8	205.7
70°	7595.0	5862.9	3954.0	2044.5	1325.8	606.5	441.9	277.3	234.7	191.5	184.9
72.5°	6238.3	4700.7	3157.5	1613.8	1108.4	603.0	439.9	276.8	223.5	170.2	164.1
75°	4466.5	3570.5	2410.3	1249.6	907.7	565.9	417.5	269.2	208.3	146.8	141.2
77.5°	3005.6	2471.2	1675.3	878.8	673.6	468.3	351.0	233.7	178.3	122.9	117.3
80°	1930.3	1710.3	1122.6	534.9	436.8	338.8	250.9	163.1	130.0	96.5	91.9
82.5°	1416.2	1273.0	780.2	287.5	242.8	197.6	153.4	109.2	88.9	68.6	66.5
85°	900.1	992.6	574.5	156.5	128.0	99.6	82.3	65.0	51.3	37.6	37.6
87.5°	174.7	241.8	159.0	75.7	55.4	35.0	30.0	24.4	13.7	2.5	3.0
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°	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7
2.5°	3649.2	3614.1	3579.1	3539.5	3499.3	3462.3	3424.7	3383.5	3391.2	3359.7	3328.2
5°	3037.6	2981.7	2925.4	2876.6	2827.8	2785.7	2743.0	2704.9	2737.9	2715.6	2693.2
7.5°	2347.8	2278.7	2209.1	2150.7	2092.3	2047.1	2001.4	1969.9	2002.4	1998.3	1994.3
10°	1963.8	1896.7	1829.2	1764.7	1700.1	1645.3	1589.9	1543.2	1535.1	1511.7	1487.8
12.5°	1797.2	1705.2	1612.8	1545.2	1477.7	1412.1	1346.6	1291.7	1266.9	1228.3	1189.1
15°	1595.5	1486.8	1378.1	1301.4	1224.2	1160.7	1096.7	1049.4	1033.7	1003.7	973.8
17.5°	1329.8	1211.0	1092.1	1014.4	936.2	885.4	834.1	802.6	802.6	793.9	785.3
20°	1017.4	911.3	805.1	745.7	686.3	659.3	631.9	618.7	622.8	623.3	623.3
22.5°	746.2	681.2	616.2	592.3	567.9	558.2	548.6	543.0	545.0	545.6	546.1
25°	587.7	562.8	537.4	525.2	512.5	506.4	500.3	498.3	502.9	503.4	503.4
27.5°	516.1	500.8	485.1	477.5	469.4	466.8	464.3	460.7	465.3	465.3	464.8
30°	480.0	463.8	447.5	437.9	428.2	429.2	429.7	428.7	431.8	433.8	435.3
32.5°	450.6	434.8	419.1	409.4	399.3	397.7	396.2	395.2	401.8	405.4	408.9
35°	424.1	406.9	389.6	380.5	371.3	367.8	364.2	361.7	367.8	372.3	376.9
37.5°	406.4	388.6	370.3	361.7	352.5	348.0	343.4	340.3	342.9	344.9	346.9
40°	392.1	373.9	355.1	344.9	334.7	330.2	325.6	323.1	324.6	325.1	325.6
42.5°	378.9	361.2	343.4	332.2	320.5	314.9	309.3	306.3	307.3	308.3	308.8
45°	369.3	351.5	333.2	320.0	306.3	300.2	294.1	290.6	291.1	291.1	291.1
47.5°	378.4	352.5	326.1	310.9	295.1	288.0	280.9	277.3	276.3	275.3	274.3
50°	412.0	367.8	323.1	303.8	284.0	276.3	268.2	264.1	261.6	260.6	259.6
52.5°	402.3	364.2	325.6	300.7	275.3	266.2	257.0	250.4	247.9	246.4	244.8
55°	368.3	344.4	320.0	290.0	260.1	251.9	243.3	238.7	234.2	233.2	232.1
57.5°	323.6	313.9	304.3	273.8	243.3	235.7	227.6	224.5	220.5	220.5	219.9
60°	270.7	285.0	299.2	264.1	228.6	219.9	211.3	208.8	207.2	206.7	206.2
62.5°	243.3	266.7	289.5	252.5	214.9	205.7	196.6	193.5	193.0	193.5	193.5
65°	219.9	227.1	234.2	216.9	199.6	190.5	180.8	177.8	178.8	180.3	181.9
67.5°	198.6	197.1	195.6	189.5	182.9	175.2	167.1	164.1	164.6	166.6	168.6
70°	178.3	176.3	173.7	169.2	164.6	158.0	151.4	149.3	148.8	151.4	153.4
72.5°	158.0	155.4	152.4	148.8	144.8	139.2	133.6	132.1	132.6	134.1	135.6
75°	135.6	133.6	131.1	128.0	124.5	119.4	114.3	113.3	114.3	115.8	117.3
77.5°	111.2	110.7	109.7	107.2	104.6	99.1	93.0	92.4	94.0	95.5	96.5
80°	86.9	87.4	87.9	85.8	83.8	77.7	71.1	70.6	72.1	73.7	75.2
82.5°	64.0	65.5	66.5	64.0	61.5	54.4	47.2	46.2	51.3	52.8	54.4
85°	37.1	39.1	41.1	39.1	37.1	30.0	22.9	22.4	26.9	29.5	32.0
87.5°	3.0	4.1	5.1	4.6	4.1	2.0	0.0	0.0	0.5	2.5	4.6
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: P320616
 CATALOG NUMBER: GAN-SA2D-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: P320616
 CATALOG NUMBER: GAN-SA2D-730-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7
2.5°	3308.4	3288.5	3282.4	3276.4	3254.0	3231.1	3254.5	3277.4	3287.0	3296.7	3271.8
5°	2690.2	2686.6	2686.6	2686.1	2665.8	2645.0	2660.7	2675.9	2641.9	2607.9	2604.3
7.5°	2016.1	2037.9	2055.7	2073.0	2066.4	2059.8	2074.5	2089.2	2046.1	2002.4	1981.0
10°	1492.9	1497.5	1516.8	1536.1	1540.6	1544.7	1563.0	1580.8	1547.3	1513.7	1499.0
12.5°	1164.8	1140.4	1142.9	1144.9	1154.1	1162.7	1182.0	1200.8	1187.1	1172.9	1174.4
15°	943.3	912.3	899.6	886.4	896.6	906.7	920.4	933.6	934.1	934.1	947.3
17.5°	770.1	754.3	741.6	728.4	742.1	755.3	756.9	758.4	758.9	759.4	758.4
20°	630.9	638.5	634.4	630.4	635.5	640.0	644.1	647.7	643.1	638.0	625.3
22.5°	553.2	559.8	564.9	569.4	578.1	586.2	582.1	577.6	568.4	558.8	549.1
25°	508.0	512.5	517.6	522.7	529.8	536.4	529.3	522.2	515.6	509.0	502.4
27.5°	469.9	474.4	479.0	483.1	489.7	495.8	489.2	482.6	477.0	471.4	466.3
30°	438.9	441.9	445.5	449.0	455.1	460.7	455.1	449.0	445.0	440.4	436.8
32.5°	412.5	415.5	417.0	418.6	424.1	429.7	425.7	421.6	418.1	414.5	412.0
35°	383.5	389.6	390.6	391.6	397.2	402.8	400.3	397.2	393.2	389.1	384.5
37.5°	354.0	361.2	365.2	368.8	374.4	380.0	377.4	374.9	369.3	363.7	355.6
40°	329.2	332.2	339.8	346.9	356.1	364.7	359.6	354.0	345.4	336.8	332.7
42.5°	308.3	307.8	314.9	322.0	335.8	349.0	339.8	330.7	322.6	314.4	313.4
45°	290.0	288.5	292.1	295.6	310.4	324.6	315.4	305.8	301.2	296.6	296.6
47.5°	273.8	272.8	275.3	277.3	286.5	295.1	290.6	286.0	283.4	280.9	281.4
50°	259.1	258.0	260.6	262.6	266.2	269.2	270.2	270.7	269.2	267.7	268.7
52.5°	245.3	245.3	246.4	246.9	251.4	256.0	256.0	255.5	255.5	255.5	256.5
55°	233.7	234.7	234.7	234.7	241.8	248.4	246.4	244.3	244.8	244.8	245.9
57.5°	222.0	223.5	224.5	225.5	232.6	239.8	237.7	235.7	235.7	235.7	236.2
60°	208.8	210.8	212.8	214.9	222.0	229.1	227.1	224.5	225.0	225.5	226.0
62.5°	196.1	198.1	200.1	202.2	209.3	216.4	214.4	211.8	213.3	214.4	214.4
65°	183.9	185.4	187.4	189.5	196.1	202.7	200.6	198.6	200.6	202.2	203.2
67.5°	170.2	171.2	173.2	175.2	181.9	188.5	186.4	183.9	186.4	188.5	190.5
70°	154.4	155.4	158.0	160.0	166.6	173.2	170.7	168.1	170.7	173.2	175.2
72.5°	137.1	138.2	140.7	142.7	150.4	158.0	154.9	151.9	154.9	158.0	159.0
75°	118.4	119.4	122.4	125.0	132.6	140.2	137.7	134.6	137.1	139.7	140.2
77.5°	98.0	99.6	103.6	107.7	113.8	119.9	118.4	116.8	118.4	119.9	119.9
80°	76.7	78.2	83.3	87.9	91.4	95.0	95.5	96.0	96.5	97.0	96.5
82.5°	56.9	58.9	63.5	68.1	68.1	68.1	72.1	75.7	75.7	75.2	74.7
85°	35.0	37.6	41.7	45.7	43.2	40.6	47.2	53.3	53.3	52.8	51.8
87.5°	7.1	9.7	13.7	17.3	14.7	12.2	18.8	25.4	25.9	25.9	24.9
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: P320616
 CATALOG NUMBER: GAN-SA2D-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: P320616
 CATALOG NUMBER: GAN-SA2D-730-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7
2.5°	3246.4	3286.0	3325.1	3335.3	3350.5	3357.1	3363.2	3413.0	3462.3	3520.2	3578.1
5°	2600.3	2629.7	2659.2	2663.7	2679.5	2687.6	2695.8	2756.2	2816.1	2896.9	2977.7
7.5°	1959.7	1966.8	1973.9	1972.9	1986.1	2003.9	2021.2	2085.7	2149.7	2236.6	2322.9
10°	1484.3	1500.5	1516.3	1531.0	1559.9	1593.5	1626.5	1692.5	1758.6	1844.4	1929.7
12.5°	1175.9	1194.7	1213.0	1229.3	1262.8	1307.5	1351.7	1430.9	1510.2	1612.8	1714.9
15°	960.0	958.5	957.0	968.2	997.6	1046.4	1094.7	1178.5	1262.3	1375.1	1487.3
17.5°	757.4	749.8	742.1	750.8	778.2	818.3	857.9	929.1	999.7	1108.9	1218.1
20°	612.6	607.5	602.4	610.6	627.8	644.6	661.4	712.7	763.5	852.4	940.7
22.5°	538.9	538.4	537.4	542.0	550.1	558.8	566.9	591.8	616.2	673.6	730.4
25°	495.8	495.3	494.8	496.8	503.4	510.0	516.6	532.9	549.1	576.5	604.0
27.5°	461.2	460.2	459.2	459.7	461.2	471.4	481.0	488.7	495.8	514.6	532.9
30°	433.3	432.8	432.3	432.3	430.8	434.3	437.9	449.5	460.7	480.0	499.3
32.5°	409.4	406.9	404.3	398.7	395.2	400.3	405.4	417.5	429.7	447.5	465.3
35°	379.4	372.8	365.7	362.7	363.2	368.3	373.4	385.5	397.2	416.5	435.3
37.5°	346.9	344.9	342.4	341.9	343.4	348.5	353.5	364.2	374.4	393.7	412.5
40°	328.7	327.6	326.6	325.6	326.6	331.7	336.8	346.9	356.6	375.4	393.7
42.5°	312.4	311.9	311.4	311.4	311.9	317.5	323.1	333.2	342.9	359.6	376.4
45°	296.6	297.2	297.2	298.2	299.7	305.3	310.4	321.5	332.7	349.0	365.2
47.5°	281.9	283.4	284.5	287.0	288.5	294.6	300.2	312.4	324.6	344.9	364.7
50°	269.2	270.7	271.8	273.8	277.9	285.0	292.1	306.8	321.0	355.1	388.6
52.5°	257.5	259.1	260.6	262.6	267.7	275.8	284.0	302.2	320.0	359.6	399.3
55°	246.9	248.4	249.4	252.5	257.5	264.6	271.3	293.6	316.0	344.9	373.9
57.5°	236.7	238.2	239.2	241.3	243.8	251.4	258.6	282.4	306.3	326.6	346.4
60°	226.0	227.1	227.6	227.6	229.6	238.2	246.9	277.3	307.3	303.8	299.7
62.5°	214.4	215.4	215.9	214.4	216.9	226.0	235.2	274.8	314.4	290.0	265.7
65°	203.7	203.2	202.7	201.2	204.2	213.3	222.0	241.8	261.6	251.9	242.3
67.5°	192.0	190.5	189.0	186.9	190.0	198.1	205.7	212.3	218.9	219.9	221.0
70°	177.3	175.2	173.2	172.7	174.2	180.8	187.4	192.0	196.1	198.1	199.6
72.5°	160.0	158.5	157.0	155.9	156.5	162.0	167.1	171.2	175.2	176.8	177.8
75°	140.7	140.7	140.2	137.1	137.1	141.7	145.8	149.3	152.9	154.9	157.0
77.5°	119.9	120.4	120.4	116.3	115.8	120.4	124.5	127.5	130.0	132.1	133.6
80°	96.0	95.0	94.0	91.4	90.4	96.0	101.1	103.6	105.7	106.2	106.2
82.5°	73.7	71.6	69.1	63.5	64.0	70.1	75.7	77.7	79.7	79.7	79.7
85°	50.3	46.2	41.7	37.1	37.6	44.2	50.3	52.3	54.4	55.4	55.9
87.5°	23.9	19.8	15.2	11.7	11.7	17.3	22.4	23.4	24.4	26.4	28.4
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: P320616
 CATALOG NUMBER: GAN-SA2D-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: P320616

CATALOG NUMBER: GAN-SA2D-730-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7
2.5°	3622.3	3666.0	3711.2	3756.4	3808.2	3860.0	3920.4	3980.4	4031.7	4083.0	4125.7
5°	3047.3	3116.9	3198.6	3280.4	3384.5	3488.7	3616.2	3743.2	3856.4	3969.7	4101.3
7.5°	2413.8	2504.2	2610.9	2717.6	2852.2	2986.8	3151.9	3317.0	3477.0	3636.5	3838.7
10°	2024.7	2119.7	2224.9	2329.5	2466.7	2603.3	2778.0	2952.3	3132.1	3311.4	3540.0
12.5°	1820.5	1925.7	2018.1	2110.6	2221.8	2332.6	2501.7	2670.9	2882.2	3093.0	3312.9
15°	1602.6	1717.4	1828.2	1938.9	2060.3	2181.2	2345.8	2510.3	2741.5	2972.6	3225.6
17.5°	1339.0	1459.9	1595.0	1729.6	1888.1	2046.1	2256.9	2467.7	2741.5	3014.8	3312.9
20°	1064.2	1187.6	1349.1	1510.7	1707.8	1904.3	2177.6	2450.9	2819.7	3188.0	3568.4
22.5°	839.7	948.4	1124.6	1300.4	1527.9	1755.5	2106.0	2456.0	2938.0	3419.6	3933.1
25°	680.7	757.4	930.6	1103.3	1365.9	1628.5	2062.3	2495.6	3110.2	3724.4	4361.4
27.5°	583.1	633.4	795.0	956.0	1243.0	1529.5	2044.5	2559.1	3328.7	4098.2	4827.2
30°	534.4	569.4	706.1	842.2	1133.8	1425.3	2023.2	2621.1	3539.0	4456.3	5191.4
32.5°	493.7	521.7	638.5	754.8	1039.3	1323.7	1982.1	2639.9	3685.8	4731.7	5499.7
35°	459.2	482.6	584.2	685.7	965.1	1244.5	1913.0	2581.5	3777.7	4974.0	5820.7
37.5°	431.3	449.5	543.5	637.5	901.1	1164.8	1834.2	2503.7	3859.5	5215.2	6181.9
40°	409.4	425.2	513.0	600.9	840.2	1079.4	1766.7	2453.5	3972.3	5491.1	6563.4
42.5°	397.2	417.5	486.6	555.2	782.3	1009.3	1712.3	2415.4	4076.9	5737.9	6897.1
45°	394.2	423.1	472.9	522.7	739.1	955.5	1664.1	2372.2	4144.5	5916.7	7148.5
47.5°	389.1	413.0	462.2	511.5	717.7	923.5	1638.2	2352.4	4212.0	6071.2	7357.3
50°	392.1	395.2	453.6	511.5	714.7	917.9	1667.6	2417.4	4358.3	6298.7	7596.1
52.5°	386.6	373.4	437.4	501.4	714.2	927.0	1752.5	2577.9	4630.1	6681.7	7854.6
55°	357.1	339.8	406.9	473.9	703.5	932.6	1853.6	2774.0	4994.8	7215.1	8319.4
57.5°	331.2	315.4	372.3	428.7	671.0	913.3	1957.7	3001.5	5380.3	7758.6	8843.1
60°	296.6	293.1	333.7	374.4	620.7	866.6	2043.5	3220.0	5639.4	8058.3	9044.8
62.5°	268.2	270.2	300.2	330.2	557.7	784.8	2072.0	3358.6	5632.3	7905.9	8841.6
65°	246.4	249.9	279.4	308.8	503.9	699.0	1978.5	3257.6	5347.3	7436.6	8439.8
67.5°	225.0	229.1	264.1	298.7	456.1	613.1	1744.8	2876.1	4834.8	6793.0	7928.8
70°	204.7	209.8	247.9	286.0	421.6	556.7	1443.6	2330.5	4193.2	6055.4	7337.0
72.5°	182.9	187.9	228.6	269.2	399.8	529.8	1176.9	1823.6	3402.8	4981.6	6275.9
75°	160.5	164.1	208.3	251.9	369.8	487.6	923.5	1358.8	2604.3	3849.8	4740.3
77.5°	138.2	142.7	179.8	216.4	313.9	410.9	695.9	980.9	1911.0	2840.5	3296.7
80°	110.2	114.3	140.7	166.6	242.3	317.5	478.5	639.5	1315.1	1990.7	2247.7
82.5°	84.3	88.9	106.7	123.9	172.7	221.5	290.0	358.6	873.7	1388.3	1409.6
85°	57.9	59.4	72.1	84.3	106.7	129.0	166.1	203.2	578.1	952.9	793.9
87.5°	29.0	29.0	37.6	46.2	57.4	68.6	87.9	106.7	184.9	263.1	151.4
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: P320616
 CATALOG NUMBER: GAN-SA2D-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: P320616

CATALOG NUMBER: GAN-SA2D-730-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7
2.5°	4180.0	4217.1	4254.7	4283.1	4312.1	4353.7	4395.4	4403.0	4411.1	4394.9	4378.6
5°	4233.9	4346.1	4458.9	4563.0	4667.1	4729.6	4792.1	4804.8	4817.5	4778.4	4738.8
7.5°	4034.2	4229.8	4425.4	4604.7	4784.0	4892.7	5001.9	5026.3	5051.2	4987.2	4923.2
10°	3767.6	4007.8	4248.1	4484.3	4720.5	4878.5	5036.4	5067.9	5099.4	5019.7	4939.9
12.5°	3561.3	3817.8	4074.4	4323.3	4572.7	4736.2	4899.8	4938.9	4978.0	4920.1	4861.7
15°	3497.8	3739.1	3980.4	4197.3	4414.7	4548.3	4682.4	4698.1	4714.4	4705.2	4696.1
17.5°	3613.1	3831.0	4049.5	4167.3	4285.7	4339.0	4392.9	4410.1	4427.9	4450.8	4474.1
20°	3892.5	4045.9	4199.8	4194.7	4189.2	4163.3	4136.8	4132.3	4127.7	4193.2	4259.3
22.5°	4309.5	4370.5	4432.0	4289.2	4146.5	4059.6	3972.3	3955.0	3937.2	4006.8	4076.9
25°	4762.1	4751.0	4739.3	4467.5	4195.3	4029.7	3864.1	3844.8	3825.5	3884.9	3944.8
27.5°	5210.2	5137.0	5063.9	4694.6	4325.3	4085.0	3844.8	3825.5	3806.2	3859.0	3911.8
30°	5538.8	5421.5	5304.1	4886.1	4468.0	4182.6	3897.1	3865.6	3833.6	3898.6	3963.6
32.5°	5795.3	5637.9	5480.4	5041.5	4602.6	4293.8	3985.0	3935.7	3886.4	3973.3	4060.1
35°	6051.3	5829.9	5607.9	5180.2	4752.0	4425.4	4098.2	4037.8	3977.3	4096.7	4216.1
37.5°	6373.4	6055.4	5736.9	5336.1	4935.4	4622.4	4309.0	4247.1	4185.1	4337.0	4489.4
40°	6722.9	6298.7	5874.6	5506.8	5139.0	4895.2	4650.9	4592.0	4532.5	4717.4	4902.3
42.5°	7013.4	6525.3	6037.1	5712.5	5387.4	5215.7	5043.5	5043.0	5042.0	5229.5	5416.9
45°	7249.6	6714.2	6178.3	5913.2	5647.5	5558.1	5468.7	5540.3	5612.0	5781.1	5950.8
47.5°	7425.9	6872.7	6319.0	6142.8	5966.5	5979.7	5992.9	6138.7	6284.5	6393.2	6502.4
50°	7540.7	7016.5	6491.7	6437.4	6383.0	6501.4	6620.3	6787.4	6955.0	7029.2	7103.3
52.5°	7707.8	7211.5	6714.7	6775.7	6836.7	7078.4	7320.2	7489.4	7658.5	7686.0	7713.9
55°	8094.4	7570.1	7045.4	7162.3	7279.6	7634.2	7989.2	8121.3	8253.4	8263.5	8273.7
57.5°	8643.5	8072.5	7501.6	7627.5	7753.5	8162.9	8572.9	8715.1	8857.8	8838.0	8817.7
60°	9054.4	8549.5	8044.1	8171.1	8298.1	8697.3	9096.6	9260.1	9424.2	9380.5	9336.8
62.5°	9079.8	8810.1	8539.8	8654.6	8770.0	9161.1	9552.2	9720.4	9888.5	9812.3	9736.1
65°	8676.0	8796.9	8917.8	8955.9	8994.0	9358.7	9723.9	9852.4	9981.4	9942.8	9904.2
67.5°	8119.8	8565.2	9011.2	8934.5	8857.8	9029.0	9200.2	9332.8	9465.4	9443.5	9421.2
70°	7564.6	8159.4	8754.2	8377.3	7999.9	7929.3	7858.7	8001.4	8144.7	8056.3	7967.4
72.5°	6619.2	7253.2	7887.6	7193.2	6498.9	6257.6	6016.3	6197.6	6379.0	6238.3	6097.1
75°	5195.9	5896.4	6597.4	5768.9	4940.4	4618.4	4296.3	4452.3	4608.2	4511.7	4414.7
77.5°	3868.1	4558.4	5248.8	4406.6	3563.9	3324.6	3084.8	3131.1	3177.8	3161.6	3144.8
80°	2623.6	3104.7	3586.2	3025.4	2464.6	2482.9	2501.7	2479.9	2457.5	2490.0	2522.5
82.5°	1674.2	2045.6	2417.4	2119.7	1822.1	1992.7	2163.4	2079.6	1995.3	2026.3	2057.8
85°	955.5	1318.7	1682.4	1568.1	1453.3	1552.8	1652.9	1522.9	1392.8	1449.7	1507.1
87.5°	251.9	729.4	1207.4	1096.2	984.9	855.9	726.9	554.7	382.5	558.8	735.0
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: P320616
 CATALOG NUMBER: GAN-SA2D-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°	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7	3870.7
2.5°	4370.0	4361.4	4330.4	4298.9	4252.1	4213.5	4146.5
5°	4683.9	4629.1	4534.6	4439.6	4333.9	4212.5	4077.9
7.5°	4795.2	4666.6	4485.3	4303.4	4139.9	3947.9	3769.1
10°	4747.9	4555.4	4319.7	4083.5	3884.9	3663.9	3465.3
12.5°	4657.5	4452.8	4193.2	3933.1	3707.1	3469.9	3247.4
15°	4533.0	4369.5	4126.2	3882.9	3655.3	3424.7	3161.0
17.5°	4396.9	4319.2	4143.4	3967.2	3770.1	3546.6	3237.2
20°	4287.2	4315.6	4245.5	4175.4	4017.5	3822.4	3475.0
22.5°	4213.0	4349.7	4403.5	4457.9	4362.9	4210.5	3808.7
25°	4171.4	4397.9	4578.3	4759.1	4716.9	4599.6	4214.0
27.5°	4189.7	4467.5	4747.4	5027.8	5066.9	5034.4	4641.2
30°	4244.5	4525.9	4866.8	5208.1	5364.1	5407.8	4997.3
32.5°	4336.0	4611.8	4983.1	5354.9	5590.6	5729.8	5322.9
35°	4474.1	4732.2	5119.2	5506.3	5811.1	6065.1	5659.2
37.5°	4711.3	4933.3	5290.4	5648.0	6043.2	6424.7	6029.5
40°	5058.8	5215.7	5517.5	5819.7	6317.0	6832.1	6442.5
42.5°	5497.2	5577.9	5817.2	6056.4	6603.0	7201.9	6846.3
45°	5972.1	5993.4	6143.8	6294.7	6829.5	7453.8	7149.6
47.5°	6429.3	6356.1	6416.1	6476.0	7003.3	7633.6	7379.7
50°	6899.6	6695.9	6664.5	6633.0	7177.0	7845.5	7672.2
52.5°	7378.1	7042.4	6917.9	6793.0	7384.2	8126.4	8036.5
55°	7846.5	7419.3	7251.7	7084.0	7701.2	8469.2	8571.3
57.5°	8333.6	7849.5	7694.1	7538.7	8167.0	8903.5	9051.4
60°	8857.8	8378.3	8253.9	8128.9	8746.1	9372.9	9265.2
62.5°	9355.1	8974.2	8908.6	8842.6	9331.8	9733.6	9181.9
65°	9687.3	9469.9	9530.9	9592.3	9774.7	9823.5	8938.1
67.5°	9465.4	9509.5	9767.1	10025.1	9899.7	9556.3	8457.6
70°	8232.0	8497.2	9107.2	9717.8	9439.4	8840.6	7595.0
72.5°	6394.7	6692.9	7598.6	8504.8	8248.3	7514.8	6238.3
75°	4751.0	5087.7	6087.4	7087.1	6731.0	5621.1	4466.5
77.5°	3370.3	3595.9	4582.8	5570.3	4989.7	3741.6	3005.6
80°	2453.5	2384.4	2934.5	3484.6	3388.1	2474.8	1930.3
82.5°	1889.1	1720.5	1979.5	2238.6	2224.4	1717.4	1416.2
85°	1439.6	1372.0	1601.1	1830.2	1634.1	1163.2	900.1
87.5°	839.2	943.8	1213.5	1483.8	1113.5	353.0	174.7
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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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)