

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: P320585

Luminaire Tested: **GAN-SA1A-730-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320585
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-SA1A-730-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 3000K, 615mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3906 lumens
Efficiency: N/A
Efficacy: 114.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B1 - U0 - G2

Input Watts (W): 34
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

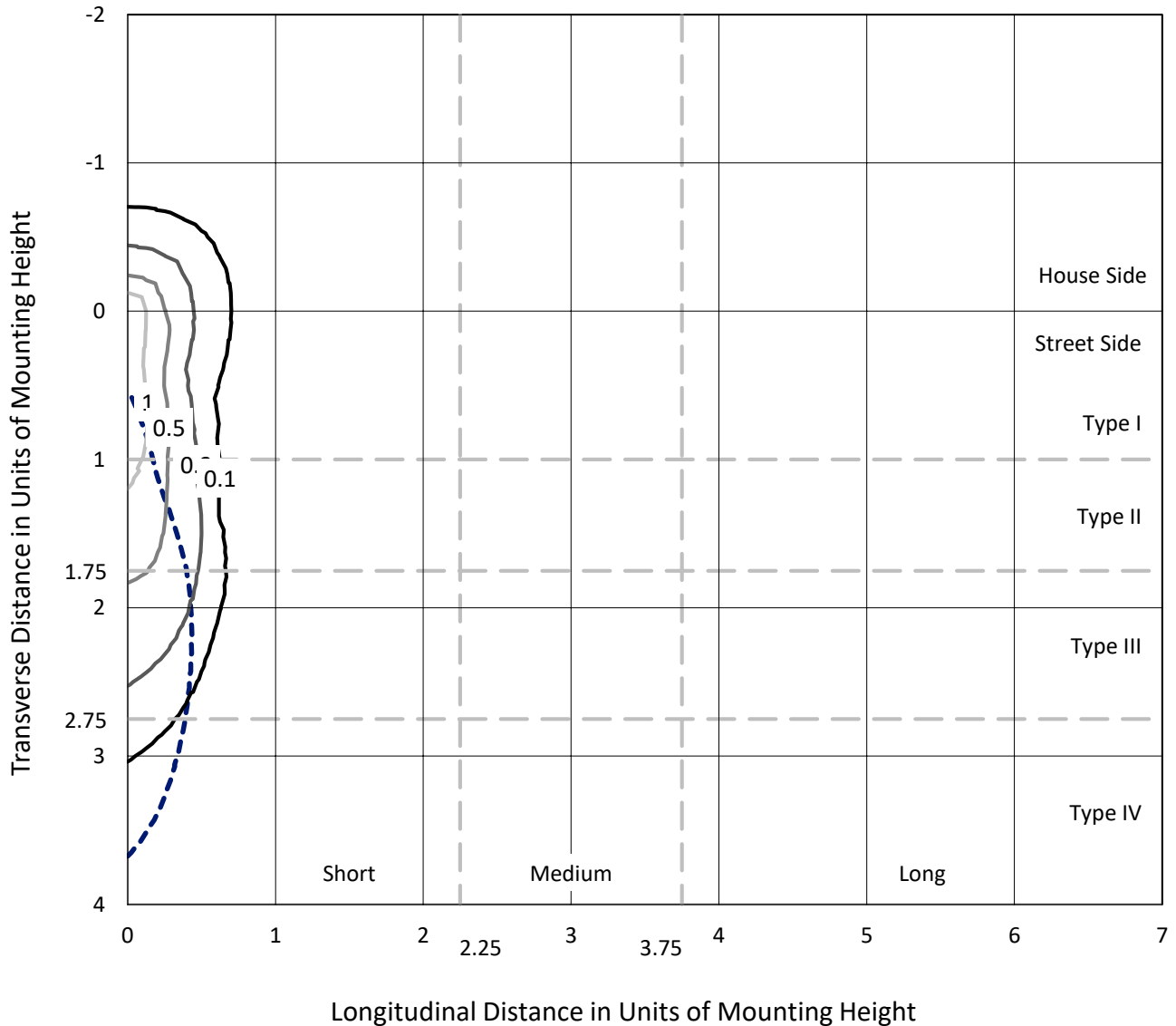




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Iso-Footcandle Lines of Horizontal Illumination

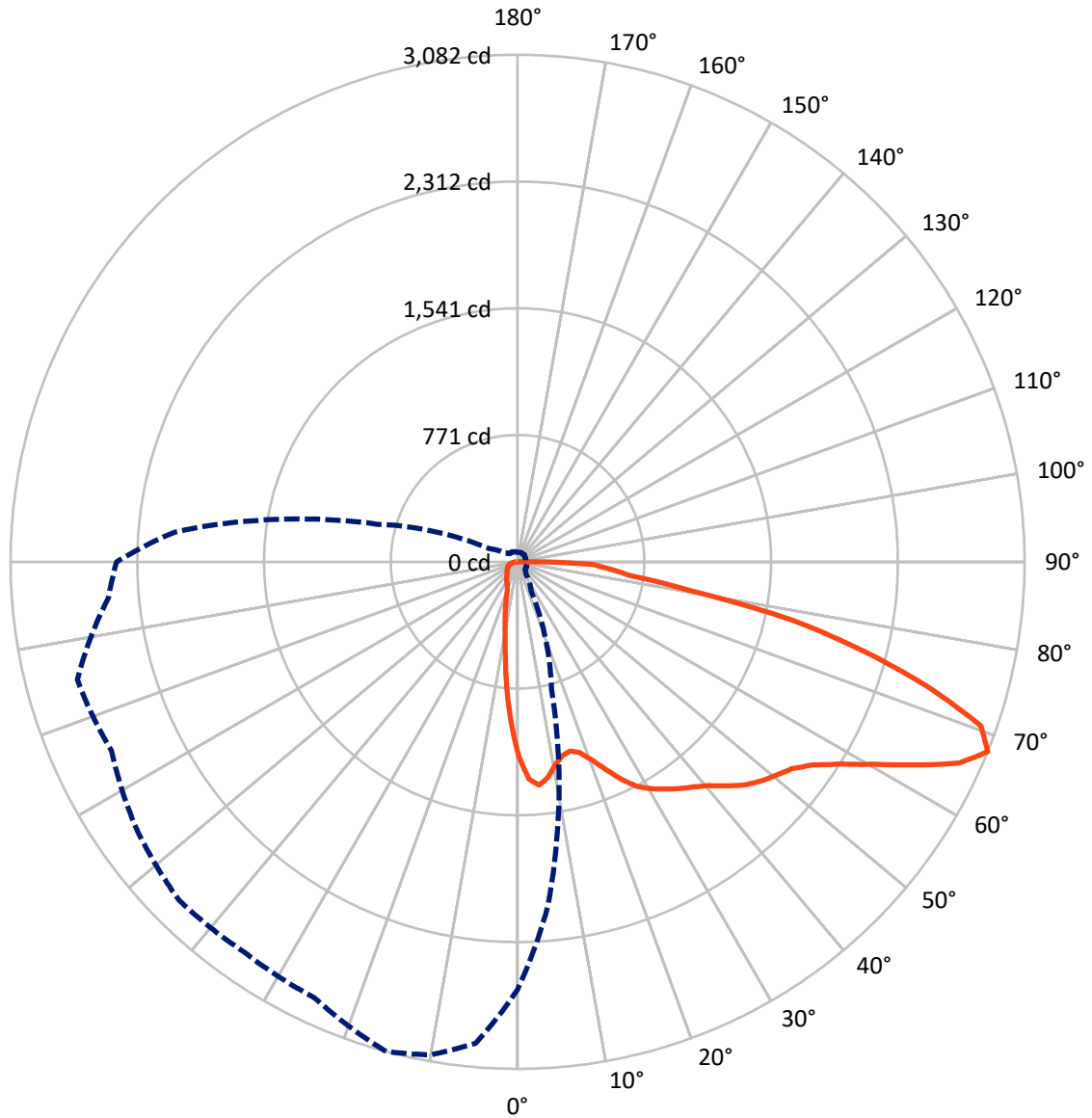
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.9 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	675.3	0.0	675.3
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	3230.7	0.0	3230.7
	% Fixture	82.7	0.0	82.7
Total	Lumens	3906.0	0.0	3906.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.8	2.4
10°-20°	190.8	4.9
20°-30°	271.3	6.9
30°-40°	391.0	10.0
40°-50°	551.0	14.1
50°-60°	766.0	19.6
60°-70°	926.4	23.7
70°-80°	569.4	14.6
80°-90°	148.2	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°	3906.0	100.0
0°-180°	3906.0	100.0

Coefficient of Utilization

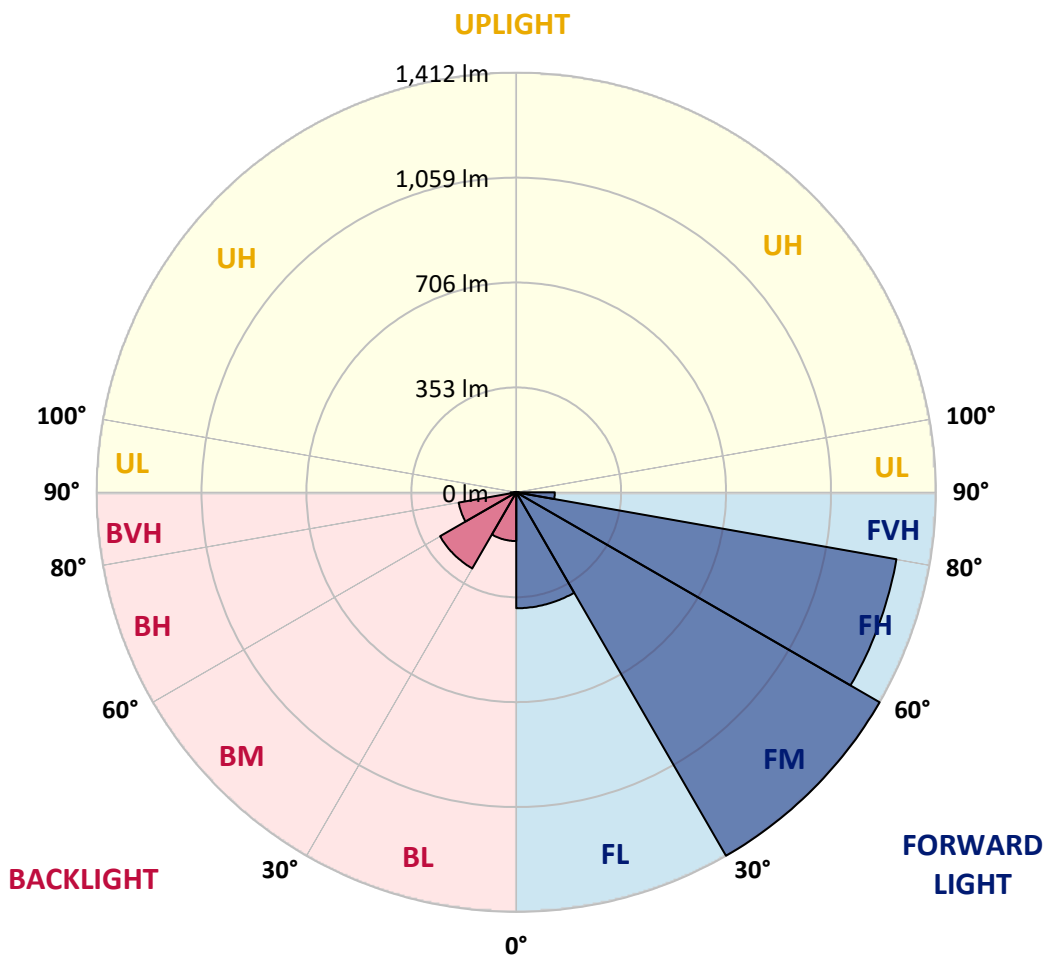


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	390.0	10.0			
FM (30°-60°)	1412.1	36.2			
FH (60°-80°)	1299.0	33.3			G1/1800
FVH (80°-90°)	129.6	3.3			G2/225
BL (0°-30°)	163.9	4.2	B1/500		
BM (30°-60°)	296.0	7.6	B1/1000		
BH (60°-80°)	196.8	5.0	B1/500		G1/500
BVH (80°-90°)	18.6	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
 Type IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0
2.5°	1274.8	1263.5	1246.5	1229.5	1216.9	1204.0	1189.5	1175.0	1158.4	1141.7	1131.9
5°	1253.7	1222.5	1181.9	1141.3	1114.4	1087.5	1057.1	1026.6	996.5	966.4	950.1
7.5°	1158.8	1111.9	1059.1	1006.3	967.3	928.1	885.9	843.6	806.1	768.5	745.2
10°	1065.4	1009.1	948.6	887.8	837.8	787.9	745.5	703.1	674.8	646.5	625.1
12.5°	998.4	936.1	869.4	802.5	752.6	702.6	675.7	648.9	625.4	602.0	577.3
15°	971.8	901.4	833.1	764.7	719.3	673.9	644.0	614.0	582.7	551.1	520.8
17.5°	995.3	912.8	838.6	764.4	704.9	645.4	603.7	561.9	520.5	479.1	444.0
20°	1068.3	963.1	866.1	769.0	689.8	610.6	554.7	498.6	445.5	392.4	352.6
22.5°	1170.9	1031.6	905.0	778.3	676.0	573.6	503.5	433.2	370.4	307.6	268.6
25°	1295.6	1122.5	961.0	799.4	670.4	541.3	455.1	368.9	302.7	236.3	208.5
27.5°	1426.9	1230.9	1030.7	830.3	671.4	512.4	414.3	316.1	256.4	196.8	177.7
30°	1536.4	1354.7	1111.9	868.9	675.0	481.0	375.9	270.8	221.6	172.4	160.1
32.5°	1636.5	1441.1	1173.1	905.0	679.0	452.9	346.2	239.4	199.3	159.0	148.8
35°	1739.9	1517.8	1215.9	913.9	672.0	429.9	325.9	221.9	184.9	147.7	139.1
37.5°	1853.7	1600.7	1257.1	913.4	660.1	406.8	310.1	213.3	175.5	137.6	131.3
40°	1980.7	1692.4	1301.8	911.2	649.3	387.3	298.4	209.4	170.4	131.2	125.9
42.5°	2104.8	1779.8	1343.3	906.9	640.6	374.2	286.9	199.6	165.7	131.6	124.2
45°	2198.0	1856.2	1379.4	902.5	634.0	365.6	277.8	190.1	161.3	132.6	123.1
47.5°	2268.8	1932.9	1419.4	905.8	633.4	361.1	271.4	181.8	153.0	124.2	120.2
50°	2358.7	2025.0	1477.6	930.3	642.0	353.7	263.9	174.0	145.1	116.2	121.5
52.5°	2470.7	2156.5	1567.9	979.2	660.0	340.8	252.1	163.4	135.4	107.3	115.6
55°	2635.2	2325.0	1683.3	1041.5	681.7	321.7	234.1	146.3	122.6	98.7	106.0
57.5°	2782.7	2495.2	1794.0	1092.7	695.3	297.7	211.4	125.2	108.2	91.2	95.4
60°	2848.5	2583.0	1845.9	1108.6	687.1	265.6	186.0	106.2	95.6	85.0	84.2
62.5°	2822.9	2527.2	1794.8	1062.4	647.5	232.5	163.5	94.5	86.5	78.4	76.7
65°	2747.9	2352.0	1651.8	951.5	580.5	209.4	149.3	89.2	80.3	71.4	69.5
67.5°	2600.2	2102.6	1449.1	795.5	495.4	195.2	141.2	87.1	76.4	65.4	63.2
70°	2335.0	1802.5	1215.6	628.6	407.6	186.5	135.9	85.3	72.1	58.9	56.8
72.5°	1917.9	1445.2	970.7	496.1	340.8	185.4	135.2	85.1	68.7	52.3	50.4
75°	1373.2	1097.7	741.0	384.2	279.1	174.0	128.4	82.8	64.0	45.1	43.4
77.5°	924.0	759.8	515.0	270.2	207.1	144.0	107.9	71.8	54.8	37.8	36.1
80°	593.4	525.8	345.1	164.4	134.3	104.2	77.1	50.1	40.0	29.7	28.3
82.5°	435.4	391.4	239.9	88.4	74.6	60.7	47.2	33.6	27.3	21.1	20.5
85°	276.7	305.1	176.6	48.1	39.4	30.6	25.3	20.0	15.8	11.6	11.6
87.5°	53.7	74.3	48.9	23.3	17.0	10.8	9.2	7.5	4.2	0.8	0.9
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°	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0
2.5°	1121.9	1111.1	1100.4	1088.2	1075.8	1064.4	1052.9	1040.2	1042.6	1032.9	1023.2
5°	933.9	916.7	899.4	884.4	869.4	856.4	843.3	831.6	841.7	834.9	828.0
7.5°	721.8	700.6	679.2	661.2	643.3	629.4	615.3	605.6	615.6	614.4	613.1
10°	603.7	583.1	562.4	542.5	522.7	505.8	488.8	474.4	471.9	464.8	457.4
12.5°	552.5	524.3	495.8	475.1	454.3	434.1	414.0	397.1	389.5	377.6	365.6
15°	490.5	457.1	423.7	400.1	376.4	356.8	337.2	322.6	317.8	308.6	299.4
17.5°	408.8	372.3	335.8	311.9	287.8	272.2	256.4	246.7	246.7	244.1	241.4
20°	312.8	280.2	247.5	229.3	211.0	202.7	194.3	190.2	191.5	191.6	191.6
22.5°	229.4	209.4	189.4	182.1	174.6	171.6	168.7	166.9	167.6	167.7	167.9
25°	180.7	173.0	165.2	161.5	157.6	155.7	153.8	153.2	154.6	154.8	154.8
27.5°	158.7	154.0	149.1	146.8	144.3	143.5	142.7	141.6	143.0	143.0	142.9
30°	147.6	142.6	137.6	134.6	131.6	132.0	132.1	131.8	132.7	133.4	133.8
32.5°	138.5	133.7	128.8	125.9	122.7	122.3	121.8	121.5	123.5	124.6	125.7
35°	130.4	125.1	119.8	117.0	114.2	113.1	112.0	111.2	113.1	114.5	115.9
37.5°	124.9	119.5	113.8	111.2	108.4	107.0	105.6	104.6	105.4	106.0	106.7
40°	120.6	114.9	109.2	106.0	102.9	101.5	100.1	99.3	99.8	99.9	100.1
42.5°	116.5	111.0	105.6	102.1	98.5	96.8	95.1	94.2	94.5	94.8	94.9
45°	113.5	108.1	102.4	98.4	94.2	92.3	90.4	89.3	89.5	89.5	89.5
47.5°	116.3	108.4	100.3	95.6	90.7	88.5	86.4	85.3	85.0	84.6	84.3
50°	126.7	113.1	99.3	93.4	87.3	85.0	82.5	81.2	80.4	80.1	79.8
52.5°	123.7	112.0	100.1	92.5	84.6	81.8	79.0	77.0	76.2	75.7	75.3
55°	113.2	105.9	98.4	89.2	80.0	77.5	74.8	73.4	72.0	71.7	71.4
57.5°	99.5	96.5	93.5	84.2	74.8	72.5	70.0	69.0	67.8	67.8	67.6
60°	83.2	87.6	92.0	81.2	70.3	67.6	65.0	64.2	63.7	63.6	63.4
62.5°	74.8	82.0	89.0	77.6	66.1	63.2	60.4	59.5	59.3	59.5	59.5
65°	67.6	69.8	72.0	66.7	61.4	58.6	55.6	54.7	55.0	55.4	55.9
67.5°	61.1	60.6	60.1	58.3	56.2	53.9	51.4	50.4	50.6	51.2	51.8
70°	54.8	54.2	53.4	52.0	50.6	48.6	46.5	45.9	45.8	46.5	47.2
72.5°	48.6	47.8	46.8	45.8	44.5	42.8	41.1	40.6	40.8	41.2	41.7
75°	41.7	41.1	40.3	39.4	38.3	36.7	35.1	34.8	35.1	35.6	36.1
77.5°	34.2	34.0	33.7	33.0	32.2	30.5	28.6	28.4	28.9	29.4	29.7
80°	26.7	26.9	27.0	26.4	25.8	23.9	21.9	21.7	22.2	22.6	23.1
82.5°	19.7	20.1	20.5	19.7	18.9	16.7	14.5	14.2	15.8	16.2	16.7
85°	11.4	12.0	12.6	12.0	11.4	9.2	7.0	6.9	8.3	9.1	9.8
87.5°	0.9	1.2	1.6	1.4	1.2	0.6	0.0	0.0	0.2	0.8	1.4
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



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 CATALOG NUMBER: GAN-SA1A-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: P320585
 CATALOG NUMBER: GAN-SA1A-730-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0
2.5°	1017.1	1011.0	1009.1	1007.3	1000.4	993.4	1000.6	1007.6	1010.6	1013.5	1005.9
5°	827.1	826.0	826.0	825.8	819.6	813.2	818.0	822.7	812.2	801.8	800.7
7.5°	619.8	626.5	632.0	637.3	635.3	633.3	637.8	642.3	629.0	615.6	609.0
10°	459.0	460.4	466.3	472.2	473.7	474.9	480.5	486.0	475.7	465.4	460.8
12.5°	358.1	350.6	351.4	352.0	354.8	357.5	363.4	369.2	365.0	360.6	361.1
15°	290.0	280.5	276.6	272.5	275.6	278.8	283.0	287.0	287.2	287.2	291.3
17.5°	236.7	231.9	228.0	223.9	228.2	232.2	232.7	233.2	233.3	233.5	233.2
20°	194.0	196.3	195.1	193.8	195.4	196.8	198.0	199.1	197.7	196.1	192.2
22.5°	170.1	172.1	173.7	175.1	177.7	180.2	179.0	177.6	174.8	171.8	168.8
25°	156.2	157.6	159.1	160.7	162.9	164.9	162.7	160.5	158.5	156.5	154.4
27.5°	144.5	145.9	147.3	148.5	150.5	152.4	150.4	148.4	146.6	144.9	143.4
30°	134.9	135.9	137.0	138.1	139.9	141.6	139.9	138.1	136.8	135.4	134.3
32.5°	126.8	127.7	128.2	128.7	130.4	132.1	130.9	129.6	128.5	127.4	126.7
35°	117.9	119.8	120.1	120.4	122.1	123.8	123.1	122.1	120.9	119.6	118.2
37.5°	108.8	111.0	112.3	113.4	115.1	116.8	116.0	115.3	113.5	111.8	109.3
40°	101.2	102.1	104.5	106.7	109.5	112.1	110.6	108.8	106.2	103.5	102.3
42.5°	94.8	94.6	96.8	99.0	103.2	107.3	104.5	101.7	99.2	96.7	96.4
45°	89.2	88.7	89.8	90.9	95.4	99.8	97.0	94.0	92.6	91.2	91.2
47.5°	84.2	83.9	84.6	85.3	88.1	90.7	89.3	87.9	87.1	86.4	86.5
50°	79.6	79.3	80.1	80.7	81.8	82.8	83.1	83.2	82.8	82.3	82.6
52.5°	75.4	75.4	75.7	75.9	77.3	78.7	78.7	78.6	78.6	78.6	78.9
55°	71.8	72.1	72.1	72.1	74.3	76.4	75.7	75.1	75.3	75.3	75.6
57.5°	68.2	68.7	69.0	69.3	71.5	73.7	73.1	72.5	72.5	72.5	72.6
60°	64.2	64.8	65.4	66.1	68.2	70.4	69.8	69.0	69.2	69.3	69.5
62.5°	60.3	60.9	61.5	62.2	64.3	66.5	65.9	65.1	65.6	65.9	65.9
65°	56.5	57.0	57.6	58.3	60.3	62.3	61.7	61.1	61.7	62.2	62.5
67.5°	52.3	52.6	53.3	53.9	55.9	57.9	57.3	56.5	57.3	57.9	58.6
70°	47.5	47.8	48.6	49.2	51.2	53.3	52.5	51.7	52.5	53.3	53.9
72.5°	42.2	42.5	43.3	43.9	46.2	48.6	47.6	46.7	47.6	48.6	48.9
75°	36.4	36.7	37.6	38.4	40.8	43.1	42.3	41.4	42.2	42.9	43.1
77.5°	30.1	30.6	31.9	33.1	35.0	36.9	36.4	35.9	36.4	36.9	36.9
80°	23.6	24.0	25.6	27.0	28.1	29.2	29.4	29.5	29.7	29.8	29.7
82.5°	17.5	18.1	19.5	20.9	20.9	20.9	22.2	23.3	23.3	23.1	23.0
85°	10.8	11.6	12.8	14.1	13.3	12.5	14.5	16.4	16.4	16.2	15.9
87.5°	2.2	3.0	4.2	5.3	4.5	3.7	5.8	7.8	8.0	8.0	7.7
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: P320585
CATALOG NUMBER: GAN-SA1A-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: P320585
 CATALOG NUMBER: GAN-SA1A-730-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0
2.5°	998.1	1010.2	1022.3	1025.4	1030.1	1032.1	1034.0	1049.3	1064.4	1082.2	1100.0
5°	799.4	808.5	817.5	818.9	823.8	826.3	828.8	847.4	865.8	890.6	915.4
7.5°	602.5	604.7	606.9	606.6	610.6	616.1	621.4	641.2	660.9	687.6	714.2
10°	456.3	461.3	466.2	470.7	479.6	489.9	500.0	520.3	540.6	567.0	593.3
12.5°	361.5	367.3	372.9	377.9	388.2	402.0	415.6	439.9	464.3	495.8	527.2
15°	295.2	294.7	294.2	297.7	306.7	321.7	336.5	362.3	388.1	422.7	457.3
17.5°	232.8	230.5	228.2	230.8	239.2	251.6	263.8	285.6	307.3	340.9	374.5
20°	188.3	186.8	185.2	187.7	193.0	198.2	203.3	219.1	234.7	262.0	289.2
22.5°	165.7	165.5	165.2	166.6	169.1	171.8	174.3	181.9	189.4	207.1	224.6
25°	152.4	152.3	152.1	152.7	154.8	156.8	158.8	163.8	168.8	177.2	185.7
27.5°	141.8	141.5	141.2	141.3	141.8	144.9	147.9	150.2	152.4	158.2	163.8
30°	133.2	133.1	132.9	132.9	132.4	133.5	134.6	138.2	141.6	147.6	153.5
32.5°	125.9	125.1	124.3	122.6	121.5	123.1	124.6	128.4	132.1	137.6	143.0
35°	116.7	114.6	112.4	111.5	111.7	113.2	114.8	118.5	122.1	128.1	133.8
37.5°	106.7	106.0	105.3	105.1	105.6	107.1	108.7	112.0	115.1	121.0	126.8
40°	101.0	100.7	100.4	100.1	100.4	102.0	103.5	106.7	109.6	115.4	121.0
42.5°	96.0	95.9	95.7	95.7	95.9	97.6	99.3	102.4	105.4	110.6	115.7
45°	91.2	91.4	91.4	91.7	92.1	93.9	95.4	98.9	102.3	107.3	112.3
47.5°	86.7	87.1	87.5	88.2	88.7	90.6	92.3	96.0	99.8	106.0	112.1
50°	82.8	83.2	83.5	84.2	85.4	87.6	89.8	94.3	98.7	109.2	119.5
52.5°	79.2	79.6	80.1	80.7	82.3	84.8	87.3	92.9	98.4	110.6	122.7
55°	75.9	76.4	76.7	77.6	79.2	81.4	83.4	90.3	97.1	106.0	114.9
57.5°	72.8	73.2	73.6	74.2	75.0	77.3	79.5	86.8	94.2	100.4	106.5
60°	69.5	69.8	70.0	70.0	70.6	73.2	75.9	85.3	94.5	93.4	92.1
62.5°	65.9	66.2	66.4	65.9	66.7	69.5	72.3	84.5	96.7	89.2	81.7
65°	62.6	62.5	62.3	61.8	62.8	65.6	68.2	74.3	80.4	77.5	74.5
67.5°	59.0	58.6	58.1	57.5	58.4	60.9	63.2	65.3	67.3	67.6	67.9
70°	54.5	53.9	53.3	53.1	53.6	55.6	57.6	59.0	60.3	60.9	61.4
72.5°	49.2	48.7	48.3	47.9	48.1	49.8	51.4	52.6	53.9	54.3	54.7
75°	43.3	43.3	43.1	42.2	42.2	43.6	44.8	45.9	47.0	47.6	48.3
77.5°	36.9	37.0	37.0	35.8	35.6	37.0	38.3	39.2	40.0	40.6	41.1
80°	29.5	29.2	28.9	28.1	27.8	29.5	31.1	31.9	32.5	32.6	32.6
82.5°	22.6	22.0	21.2	19.5	19.7	21.6	23.3	23.9	24.5	24.5	24.5
85°	15.5	14.2	12.8	11.4	11.6	13.6	15.5	16.1	16.7	17.0	17.2
87.5°	7.3	6.1	4.7	3.6	3.6	5.3	6.9	7.2	7.5	8.1	8.7
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: P320585
 CATALOG NUMBER: GAN-SA1A-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: P320585
 CATALOG NUMBER: GAN-SA1A-730-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0
2.5°	1113.6	1127.1	1141.0	1154.9	1170.8	1186.7	1205.3	1223.7	1239.5	1255.3	1268.4
5°	936.8	958.2	983.4	1008.5	1040.5	1072.6	1111.8	1150.8	1185.6	1220.4	1260.9
7.5°	742.1	769.9	802.7	835.5	876.9	918.3	969.0	1019.8	1069.0	1118.0	1180.2
10°	622.5	651.7	684.0	716.2	758.3	800.4	854.1	907.6	962.9	1018.1	1088.3
12.5°	559.7	592.0	620.5	648.9	683.1	717.1	769.1	821.1	886.1	950.9	1018.5
15°	492.7	528.0	562.0	596.1	633.4	670.6	721.2	771.8	842.8	913.9	991.7
17.5°	411.7	448.8	490.4	531.7	580.5	629.0	693.8	758.7	842.8	926.8	1018.5
20°	327.2	365.1	414.8	464.4	525.0	585.5	669.5	753.5	866.9	980.1	1097.1
22.5°	258.1	291.6	345.8	399.8	469.7	539.7	647.5	755.1	903.3	1051.3	1209.2
25°	209.3	232.8	286.1	339.2	419.9	500.7	634.0	767.2	956.2	1145.0	1340.8
27.5°	179.3	194.7	244.4	293.9	382.1	470.2	628.6	786.8	1023.4	1260.0	1484.1
30°	164.3	175.1	217.1	258.9	348.6	438.2	622.0	805.8	1088.0	1370.1	1596.0
32.5°	151.8	160.4	196.3	232.1	319.5	407.0	609.4	811.6	1133.1	1454.7	1690.8
35°	141.2	148.4	179.6	210.8	296.7	382.6	588.1	793.6	1161.4	1529.2	1789.5
37.5°	132.6	138.2	167.1	196.0	277.0	358.1	563.9	769.7	1186.6	1603.4	1900.5
40°	125.9	130.7	157.7	184.7	258.3	331.9	543.1	754.3	1221.2	1688.2	2017.8
42.5°	122.1	128.4	149.6	170.7	240.5	310.3	526.4	742.6	1253.4	1764.1	2120.4
45°	121.2	130.1	145.4	160.7	227.2	293.7	511.6	729.3	1274.2	1819.0	2197.7
47.5°	119.6	127.0	142.1	157.3	220.7	283.9	503.6	723.2	1294.9	1866.5	2261.9
50°	120.6	121.5	139.5	157.3	219.7	282.2	512.7	743.2	1339.9	1936.5	2335.3
52.5°	118.8	114.8	134.5	154.1	219.6	285.0	538.8	792.5	1423.5	2054.2	2414.8
55°	109.8	104.5	125.1	145.7	216.3	286.7	569.9	852.8	1535.6	2218.2	2557.7
57.5°	101.8	97.0	114.5	131.8	206.3	280.8	601.9	922.8	1654.1	2385.3	2718.7
60°	91.2	90.1	102.6	115.1	190.8	266.4	628.3	989.9	1733.8	2477.4	2780.7
62.5°	82.5	83.1	92.3	101.5	171.5	241.3	637.0	1032.6	1731.6	2430.6	2718.2
65°	75.7	76.8	85.9	94.9	154.9	214.9	608.3	1001.5	1644.0	2286.3	2594.7
67.5°	69.2	70.4	81.2	91.8	140.2	188.5	536.4	884.2	1486.4	2088.4	2437.6
70°	62.9	64.5	76.2	87.9	129.6	171.2	443.8	716.5	1289.2	1861.7	2255.7
72.5°	56.2	57.8	70.3	82.8	122.9	162.9	361.8	560.6	1046.2	1531.5	1929.4
75°	49.3	50.4	64.0	77.5	113.7	149.9	283.9	417.7	800.7	1183.6	1457.3
77.5°	42.5	43.9	55.3	66.5	96.5	126.3	213.9	301.6	587.5	873.3	1013.5
80°	33.9	35.1	43.3	51.2	74.5	97.6	147.1	196.6	404.3	612.0	691.0
82.5°	25.9	27.3	32.8	38.1	53.1	68.1	89.2	110.3	268.6	426.8	433.4
85°	17.8	18.3	22.2	25.9	32.8	39.7	51.1	62.5	177.7	293.0	244.1
87.5°	8.9	8.9	11.6	14.2	17.6	21.1	27.0	32.8	56.8	80.9	46.5
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: P320585
 CATALOG NUMBER: GAN-SA1A-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: P320585

CATALOG NUMBER: GAN-SA1A-730-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0
2.5°	1285.1	1296.5	1308.1	1316.8	1325.7	1338.5	1351.3	1353.7	1356.2	1351.2	1346.2
5°	1301.6	1336.2	1370.8	1402.8	1434.9	1454.1	1473.3	1477.2	1481.1	1469.1	1456.9
7.5°	1240.3	1300.4	1360.5	1415.7	1470.8	1504.2	1537.8	1545.3	1552.9	1533.2	1513.6
10°	1158.3	1232.2	1306.0	1378.6	1451.3	1499.8	1548.4	1558.1	1567.8	1543.2	1518.7
12.5°	1094.9	1173.7	1252.6	1329.1	1405.8	1456.1	1506.4	1518.4	1530.4	1512.6	1494.7
15°	1075.4	1149.5	1223.7	1290.4	1357.2	1398.3	1439.5	1444.4	1449.4	1446.6	1443.8
17.5°	1110.8	1177.8	1245.0	1281.2	1317.6	1334.0	1350.5	1355.8	1361.3	1368.3	1375.5
20°	1196.7	1243.9	1291.2	1289.6	1287.9	1279.9	1271.8	1270.4	1269.0	1289.2	1309.5
22.5°	1324.9	1343.7	1362.6	1318.7	1274.8	1248.1	1221.2	1215.9	1210.4	1231.8	1253.4
25°	1464.1	1460.6	1457.0	1373.5	1289.8	1238.9	1188.0	1182.0	1176.1	1194.4	1212.8
27.5°	1601.8	1579.3	1556.8	1443.3	1329.8	1255.9	1182.0	1176.1	1170.2	1186.4	1202.6
30°	1702.8	1666.8	1630.7	1502.2	1373.6	1285.9	1198.1	1188.4	1178.6	1198.6	1218.6
32.5°	1781.7	1733.3	1684.9	1550.0	1415.0	1320.1	1225.1	1210.0	1194.8	1221.5	1248.2
35°	1860.4	1792.3	1724.1	1592.6	1460.9	1360.5	1260.0	1241.4	1222.8	1259.5	1296.2
37.5°	1959.4	1861.7	1763.7	1640.5	1517.3	1421.1	1324.8	1305.7	1286.7	1333.4	1380.2
40°	2066.9	1936.5	1806.1	1693.0	1579.9	1505.0	1429.9	1411.7	1393.5	1450.3	1507.2
42.5°	2156.2	2006.1	1856.0	1756.3	1656.3	1603.5	1550.6	1550.4	1550.1	1607.7	1665.4
45°	2228.8	2064.2	1899.5	1817.9	1736.3	1708.8	1681.3	1703.3	1725.3	1777.3	1829.5
47.5°	2283.0	2112.9	1942.7	1888.5	1834.3	1838.4	1842.5	1887.3	1932.1	1965.5	1999.1
50°	2318.3	2157.1	1995.8	1979.1	1962.4	1998.8	2035.3	2086.7	2138.2	2161.0	2183.8
52.5°	2369.7	2217.1	2064.4	2083.1	2101.8	2176.2	2250.5	2302.5	2354.5	2363.0	2371.5
55°	2488.5	2327.4	2166.0	2201.9	2238.0	2347.0	2456.2	2496.8	2537.4	2540.5	2543.6
57.5°	2657.3	2481.8	2306.3	2345.0	2383.7	2509.6	2635.6	2679.4	2723.2	2717.1	2710.9
60°	2783.7	2628.4	2473.1	2512.1	2551.1	2673.9	2796.6	2846.9	2897.4	2883.9	2870.5
62.5°	2791.5	2708.6	2625.5	2660.8	2696.2	2816.5	2936.7	2988.4	3040.1	3016.7	2993.2
65°	2667.3	2704.5	2741.7	2753.4	2765.1	2877.2	2989.5	3029.0	3068.7	3056.8	3044.9
67.5°	2496.3	2633.3	2770.4	2746.8	2723.2	2775.9	2828.5	2869.3	2910.0	2903.3	2896.4
70°	2325.6	2508.5	2691.4	2575.5	2459.5	2437.8	2416.1	2459.9	2504.0	2476.8	2449.5
72.5°	2035.0	2229.9	2425.0	2211.5	1998.0	1923.8	1849.6	1905.4	1961.1	1917.9	1874.5
75°	1597.4	1812.8	2028.3	1773.6	1518.9	1419.9	1320.9	1368.8	1416.7	1387.1	1357.2
77.5°	1189.2	1401.4	1613.7	1354.7	1095.7	1022.1	948.4	962.6	977.0	972.0	966.8
80°	806.6	954.5	1102.5	930.1	757.7	763.3	769.1	762.4	755.5	765.5	775.5
82.5°	514.7	628.9	743.2	651.7	560.2	612.6	665.1	639.3	613.4	622.9	632.6
85°	293.7	405.4	517.2	482.1	446.8	477.4	508.2	468.2	428.2	445.7	463.3
87.5°	77.5	224.3	371.2	337.0	302.8	263.1	223.5	170.5	117.6	171.8	226.0
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: P320585
 CATALOG NUMBER: GAN-SA1A-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°	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0	1190.0
2.5°	1343.5	1340.8	1331.3	1321.6	1307.3	1295.4	1274.8
5°	1440.0	1423.1	1394.1	1364.9	1332.4	1295.1	1253.7
7.5°	1474.2	1434.7	1379.0	1323.0	1272.8	1213.7	1158.8
10°	1459.7	1400.5	1328.0	1255.4	1194.4	1126.4	1065.4
12.5°	1431.9	1369.0	1289.2	1209.2	1139.7	1066.8	998.4
15°	1393.6	1343.3	1268.5	1193.7	1123.8	1052.9	971.8
17.5°	1351.8	1327.9	1273.9	1219.7	1159.1	1090.4	995.3
20°	1318.0	1326.8	1305.2	1283.7	1235.1	1175.2	1068.3
22.5°	1295.2	1337.3	1353.8	1370.5	1341.3	1294.5	1170.9
25°	1282.4	1352.1	1407.5	1463.1	1450.2	1414.1	1295.6
27.5°	1288.1	1373.5	1459.5	1545.7	1557.8	1547.8	1426.9
30°	1304.9	1391.4	1496.2	1601.2	1649.1	1662.6	1536.4
32.5°	1333.0	1417.8	1532.0	1646.3	1718.8	1761.6	1636.5
35°	1375.5	1454.8	1573.8	1692.8	1786.5	1864.6	1739.9
37.5°	1448.4	1516.7	1626.5	1736.4	1857.9	1975.2	1853.7
40°	1555.3	1603.5	1696.3	1789.2	1942.1	2100.4	1980.7
42.5°	1690.0	1714.9	1788.4	1862.0	2030.0	2214.1	2104.8
45°	1836.1	1842.6	1888.8	1935.2	2099.7	2291.6	2198.0
47.5°	1976.6	1954.1	1972.5	1991.0	2153.1	2346.9	2268.8
50°	2121.2	2058.6	2048.9	2039.2	2206.5	2412.0	2358.7
52.5°	2268.3	2165.1	2126.8	2088.4	2270.2	2498.4	2470.7
55°	2412.3	2281.0	2229.4	2177.9	2367.6	2603.8	2635.2
57.5°	2562.1	2413.2	2365.5	2317.7	2510.8	2737.3	2782.7
60°	2723.2	2575.8	2537.6	2499.1	2688.9	2881.6	2848.5
62.5°	2876.1	2759.0	2738.9	2718.5	2868.9	2992.5	2822.9
65°	2978.3	2911.4	2930.2	2949.1	3005.1	3020.1	2747.9
67.5°	2910.0	2923.6	3002.8	3082.1	3043.5	2938.0	2600.2
70°	2530.8	2612.4	2799.9	2987.6	2902.0	2717.9	2335.0
72.5°	1966.0	2057.7	2336.1	2614.7	2535.8	2310.3	1917.9
75°	1460.6	1564.2	1871.5	2178.8	2069.4	1728.1	1373.2
77.5°	1036.2	1105.5	1408.9	1712.5	1534.0	1150.3	924.0
80°	754.3	733.0	902.2	1071.3	1041.6	760.8	593.4
82.5°	580.8	528.9	608.6	688.2	683.9	528.0	435.4
85°	442.6	421.8	492.2	562.7	502.4	357.6	276.7
87.5°	258.0	290.2	373.1	456.2	342.3	108.5	53.7
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



REPORT NUMBER: P320585
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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)