

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: STREETWORKS

Report Number: P385693

Luminaire Tested: GAW-SA1B-730-U-SLR

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-2019
Report Number: P385693
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
Product Line: STREETWORKS
Catalog Number: GAW-SA1B-730-U-SLR
Description: GALLEON WALL LUMINAIRE
(1) 70 CRI, 3000K, 800mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4886 lumens
Efficiency: N/A
Efficacy: 111.0 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

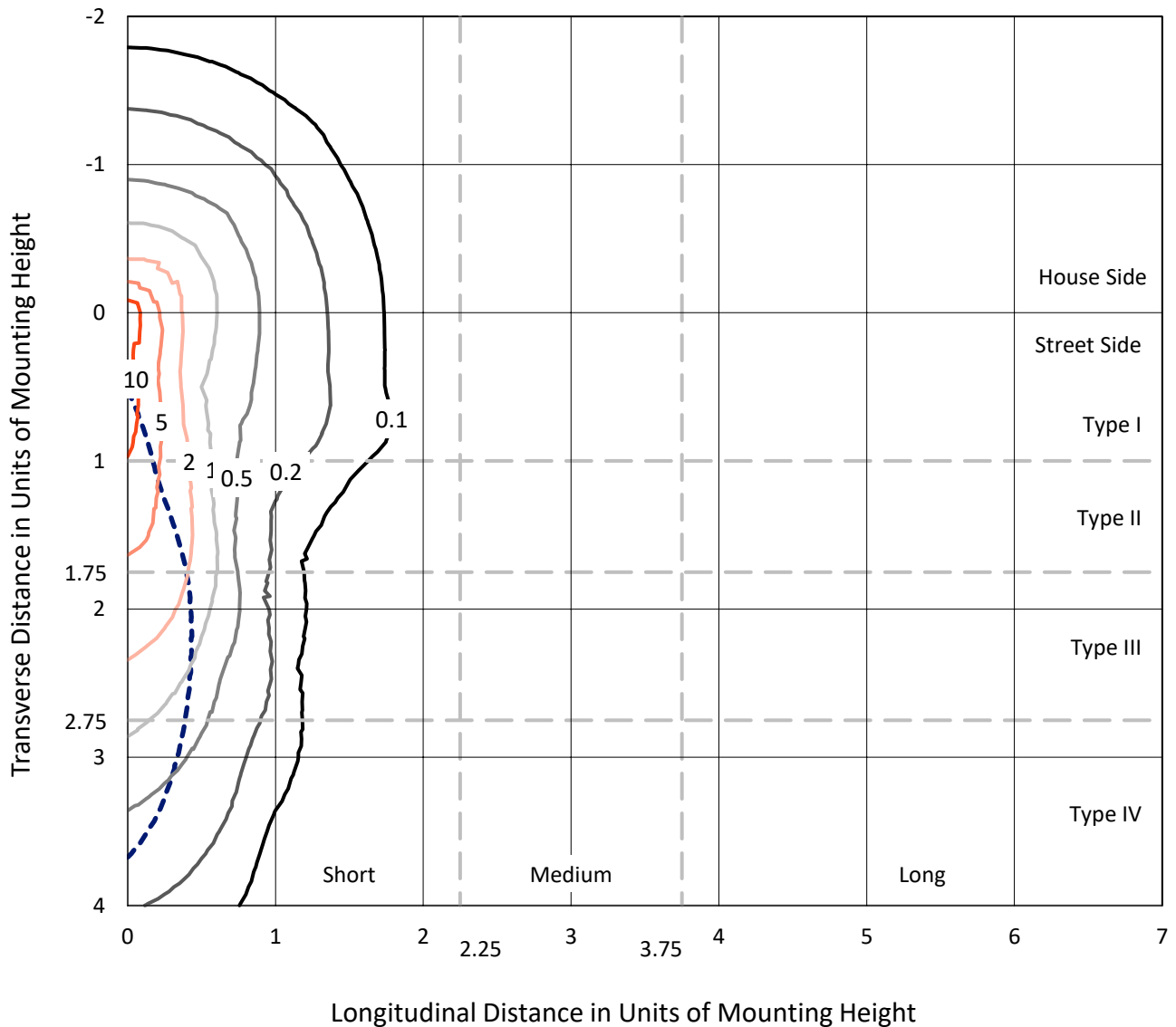
Input Watts (W): 44
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

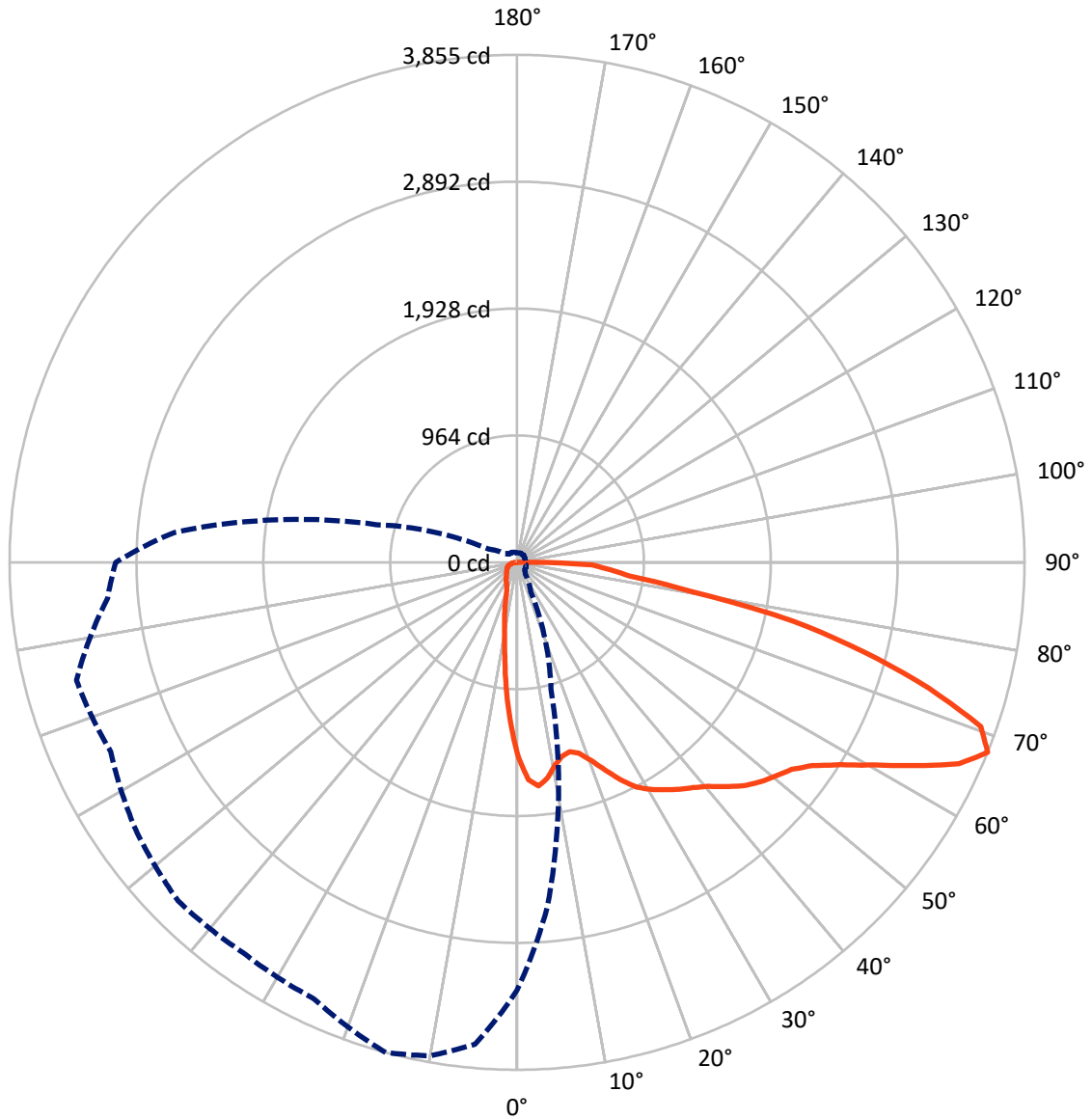
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 14.9 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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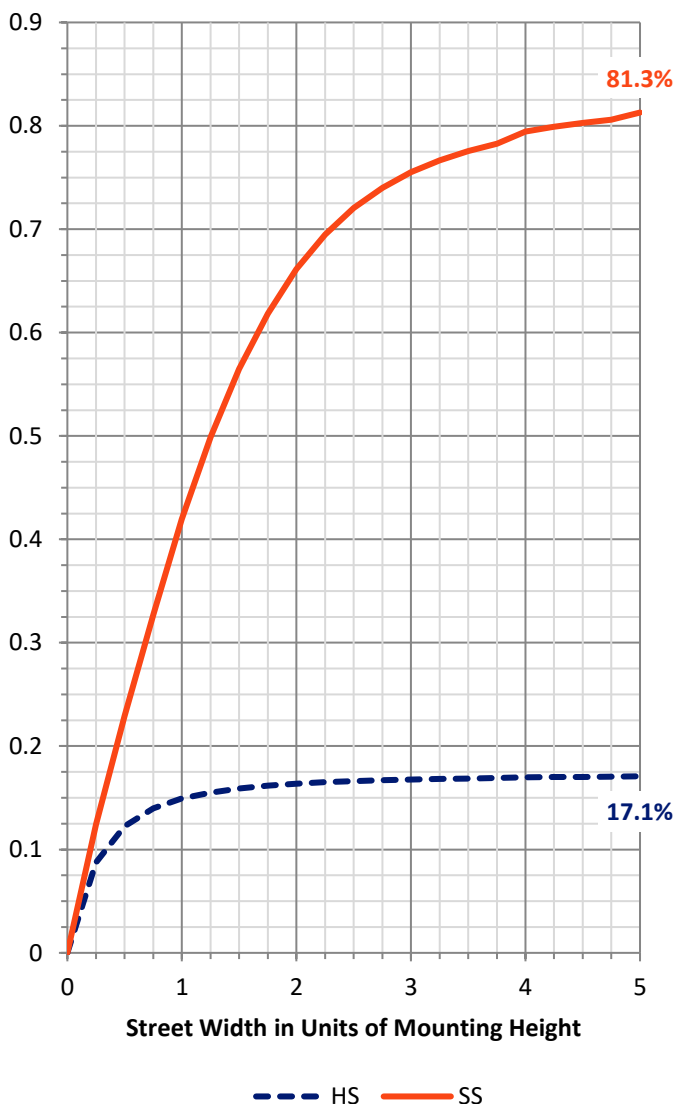
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	844.7	0.0	844.7
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	4041.3	0.0	4041.3
	% Fixture	82.7	0.0	82.7
Total	Lumens	4886.0	0.0	4886.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	114.9	2.4
10°-20°	238.7	4.9
20°-30°	339.4	6.9
30°-40°	489.1	10.0
40°-50°	689.3	14.1
50°-60°	958.2	19.6
60°-70°	1158.8	23.7
70°-80°	712.3	14.6
80°-90°	185.3	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°	4886.0	100.0
0°-180°	4886.0	100.0

Coefficient of Utilization

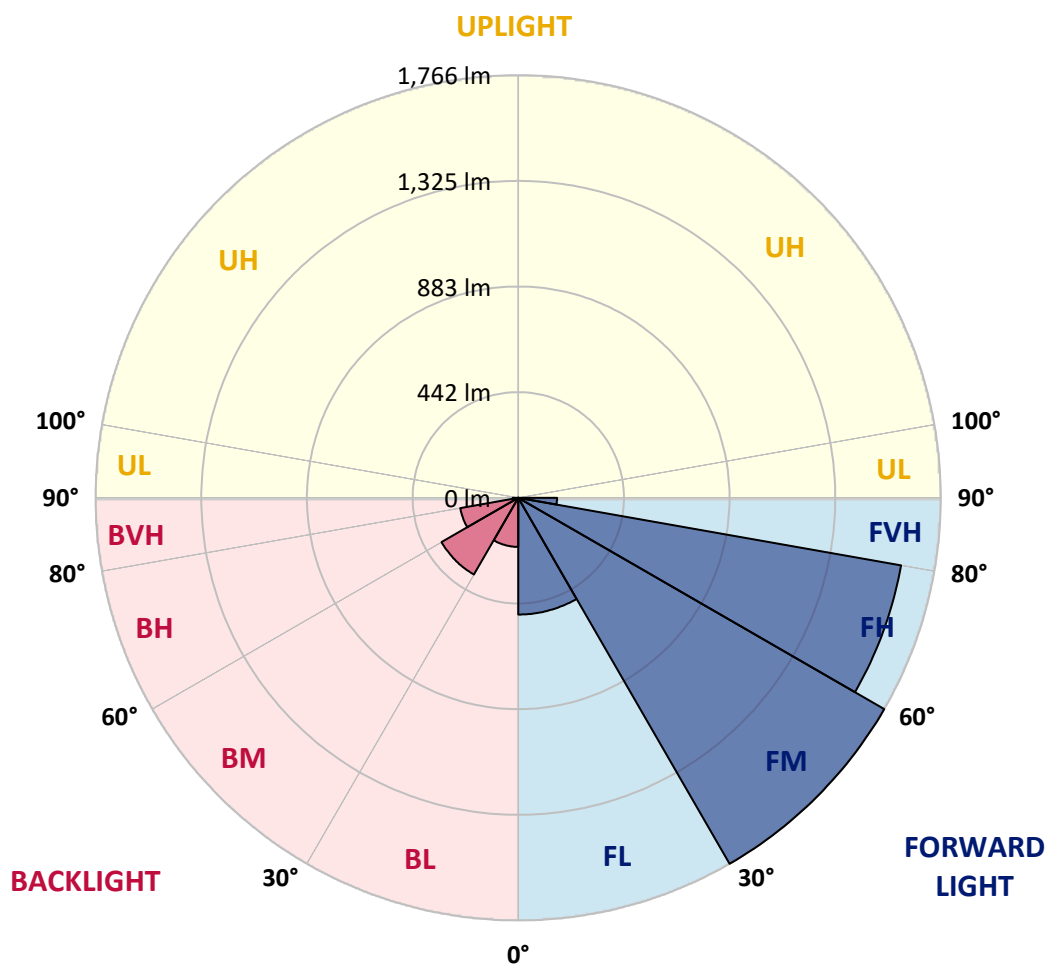


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	487.9	10.0			
FM (30°-60°)	1766.4	36.2			
FH (60°-80°)	1624.9	33.3			G1/1800
FVH (80°-90°)	162.1	3.3			G2/225
BL (0°-30°)	205.1	4.2	B1/500		
BM (30°-60°)	370.2	7.6	B1/1000		
BH (60°-80°)	246.2	5.0	B1/500		G1/500
BVH (80°-90°)	23.2	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°	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6
2.5°	1594.6	1580.6	1559.3	1538.0	1522.2	1506.1	1488.0	1469.8	1449.1	1428.2	1415.9
5°	1568.3	1529.2	1478.4	1427.6	1394.0	1360.4	1322.3	1284.2	1246.5	1208.8	1188.5
7.5°	1449.5	1390.9	1324.9	1258.8	1210.0	1161.0	1108.2	1055.3	1008.4	961.3	932.2
10°	1332.7	1262.3	1186.5	1110.6	1048.0	985.5	932.6	879.5	844.1	808.7	782.0
12.5°	1248.9	1170.9	1087.5	1003.9	941.4	878.9	845.3	811.7	782.4	753.1	722.2
15°	1215.7	1127.6	1042.2	956.6	899.8	842.9	805.6	768.1	728.8	689.4	651.5
17.5°	1245.0	1141.8	1049.0	956.2	881.8	807.4	755.2	702.9	651.1	599.3	555.4
20°	1336.4	1204.7	1083.4	961.9	862.9	763.8	693.9	623.7	557.3	490.9	441.1
22.5°	1464.7	1290.5	1132.0	973.6	845.7	717.5	629.8	541.9	463.4	384.8	336.0
25°	1620.6	1404.2	1202.2	1000.0	838.6	677.1	569.2	461.4	378.6	295.6	260.8
27.5°	1784.9	1539.7	1289.3	1038.7	839.8	640.9	518.3	395.4	320.8	246.1	222.3
30°	1921.8	1694.6	1390.9	1086.9	844.3	601.7	470.2	338.7	277.2	215.7	200.2
32.5°	2047.1	1802.7	1467.5	1132.0	849.4	566.5	433.1	299.5	249.3	198.9	186.2
35°	2176.4	1898.6	1521.0	1143.2	840.6	537.8	407.7	277.6	231.3	184.8	174.1
37.5°	2318.8	2002.3	1572.6	1142.6	825.7	508.9	388.0	266.8	219.6	172.1	164.3
40°	2477.6	2117.0	1628.4	1139.9	812.3	484.5	373.3	262.0	213.1	164.1	157.5
42.5°	2632.9	2226.4	1680.4	1134.4	801.3	468.1	358.9	249.7	207.3	164.7	155.3
45°	2749.5	2321.9	1725.5	1128.9	793.1	457.3	347.5	237.7	201.8	165.9	153.9
47.5°	2838.0	2417.8	1775.5	1133.0	792.3	451.6	339.5	227.4	191.4	155.3	150.4
50°	2950.5	2533.1	1848.4	1163.7	803.1	442.5	330.1	217.6	181.5	145.3	152.0
52.5°	3090.6	2697.6	1961.3	1224.8	825.5	426.2	315.3	204.3	169.4	134.2	144.6
55°	3296.3	2908.3	2105.7	1302.8	852.7	402.4	292.8	183.0	153.3	123.5	132.6
57.5°	3480.9	3121.3	2244.2	1366.9	869.7	372.3	264.5	156.7	135.4	114.1	119.4
60°	3563.2	3231.1	2309.0	1386.8	859.5	332.3	232.7	132.8	119.6	106.3	105.3
62.5°	3531.1	3161.3	2245.1	1329.0	809.9	290.9	204.5	118.2	108.2	98.1	95.9
65°	3437.3	2942.1	2066.2	1190.3	726.1	262.0	186.8	111.5	100.4	89.3	86.9
67.5°	3252.5	2630.2	1812.6	995.1	619.6	244.2	176.6	109.0	95.5	81.9	79.1
70°	2920.8	2254.7	1520.6	786.3	509.9	233.2	170.0	106.7	90.3	73.6	71.1
72.5°	2399.1	1807.8	1214.3	620.6	426.2	231.9	169.2	106.5	86.0	65.4	63.1
75°	1717.7	1373.1	926.9	480.6	349.1	217.6	160.6	103.5	80.1	56.5	54.3
77.5°	1155.9	950.4	644.3	338.0	259.0	180.1	135.0	89.9	68.6	47.3	45.1
80°	742.3	657.7	431.7	205.7	168.0	130.3	96.5	62.7	50.0	37.1	35.4
82.5°	544.6	489.5	300.1	110.6	93.4	76.0	59.0	42.0	34.2	26.4	25.6
85°	346.2	381.7	220.9	60.2	49.2	38.3	31.6	25.0	19.7	14.5	14.5
87.5°	67.2	93.0	61.1	29.1	21.3	13.5	11.5	9.4	5.3	1.0	1.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6
2.5°	1403.4	1389.9	1376.4	1361.2	1345.8	1331.5	1317.0	1301.2	1304.1	1292.0	1279.9
5°	1168.2	1146.7	1125.0	1106.3	1087.5	1071.3	1054.9	1040.2	1052.9	1044.3	1035.7
7.5°	902.9	876.3	849.6	827.1	804.6	787.3	769.7	757.6	770.1	768.5	766.9
10°	755.2	729.4	703.4	678.6	653.8	632.7	611.4	593.5	590.3	581.4	572.2
12.5°	691.1	655.8	620.2	594.2	568.3	543.1	517.9	496.8	487.2	472.4	457.3
15°	613.6	571.8	530.0	500.5	470.8	446.4	421.8	403.6	397.5	386.0	374.5
17.5°	511.4	465.7	420.0	390.1	360.0	340.5	320.8	308.7	308.7	305.3	302.0
20°	391.3	350.5	309.6	286.8	263.9	253.6	243.0	237.9	239.5	239.7	239.7
22.5°	287.0	262.0	237.0	227.8	218.4	214.7	211.0	208.8	209.6	209.8	210.0
25°	226.0	216.4	206.7	202.0	197.1	194.8	192.4	191.6	193.4	193.6	193.6
27.5°	198.5	192.6	186.6	183.6	180.5	179.5	178.5	177.2	178.9	178.9	178.7
30°	184.6	178.4	172.1	168.4	164.7	165.1	165.3	164.9	166.0	166.8	167.4
32.5°	173.3	167.2	161.2	157.5	153.5	153.0	152.4	152.0	154.5	155.9	157.3
35°	163.1	156.5	149.8	146.3	142.8	141.4	140.1	139.1	141.4	143.2	144.9
37.5°	156.3	149.4	142.4	139.1	135.6	133.8	132.1	130.9	131.9	132.6	133.4
40°	150.8	143.8	136.5	132.6	128.7	127.0	125.2	124.2	124.8	125.0	125.2
42.5°	145.7	138.9	132.1	127.8	123.3	121.1	119.0	117.8	118.2	118.6	118.8
45°	142.0	135.2	128.1	123.1	117.8	115.5	113.1	111.7	111.9	111.9	111.9
47.5°	145.5	135.6	125.4	119.6	113.5	110.8	108.0	106.7	106.3	105.9	105.5
50°	158.4	141.4	124.2	116.8	109.2	106.3	103.1	101.6	100.6	100.2	99.8
52.5°	154.7	140.1	125.2	115.6	105.9	102.4	98.8	96.3	95.3	94.7	94.2
55°	141.6	132.4	123.1	111.5	100.0	96.9	93.6	91.8	90.1	89.7	89.3
57.5°	124.4	120.7	117.0	105.3	93.6	90.6	87.5	86.3	84.8	84.8	84.6
60°	104.1	109.6	115.1	101.6	87.9	84.6	81.3	80.3	79.7	79.5	79.3
62.5°	93.6	102.6	111.3	97.1	82.6	79.1	75.6	74.4	74.2	74.4	74.4
65°	84.6	87.3	90.1	83.4	76.8	73.3	69.5	68.4	68.8	69.3	69.9
67.5°	76.4	75.8	75.2	72.9	70.3	67.4	64.3	63.1	63.3	64.1	64.9
70°	68.6	67.8	66.8	65.1	63.3	60.8	58.2	57.4	57.2	58.2	59.0
72.5°	60.8	59.8	58.6	57.2	55.7	53.5	51.4	50.8	51.0	51.6	52.2
75°	52.2	51.4	50.4	49.2	47.9	45.9	44.0	43.6	44.0	44.5	45.1
77.5°	42.8	42.6	42.2	41.2	40.2	38.1	35.7	35.6	36.1	36.7	37.1
80°	33.4	33.6	33.8	33.0	32.2	29.9	27.3	27.2	27.7	28.3	28.9
82.5°	24.6	25.2	25.6	24.6	23.6	20.9	18.2	17.8	19.7	20.3	20.9
85°	14.3	15.0	15.8	15.0	14.3	11.5	8.8	8.6	10.4	11.3	12.3
87.5°	1.2	1.6	2.0	1.8	1.6	0.8	0.0	0.0	0.2	1.0	1.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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: P385693
 CATALOG NUMBER: GAW-SA1B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6
2.5°	1272.3	1264.7	1262.3	1260.0	1251.4	1242.6	1251.6	1260.4	1264.1	1267.8	1258.2
5°	1034.6	1033.2	1033.2	1033.0	1025.2	1017.2	1023.2	1029.1	1016.0	1002.9	1001.6
7.5°	775.3	783.7	790.6	797.2	794.7	792.1	797.8	803.5	786.9	770.1	761.9
10°	574.1	575.9	583.3	590.7	592.5	594.1	601.1	607.9	595.0	582.1	576.5
12.5°	447.9	438.6	439.5	440.3	443.8	447.2	454.6	461.8	456.5	451.1	451.6
15°	362.8	350.8	346.0	340.9	344.8	348.7	354.0	359.1	359.2	359.2	364.3
17.5°	296.1	290.1	285.2	280.1	285.4	290.5	291.1	291.7	291.9	292.0	291.7
20°	242.6	245.6	244.0	242.4	244.4	246.1	247.7	249.1	247.3	245.4	240.5
22.5°	212.7	215.3	217.2	219.0	222.3	225.4	223.9	222.1	218.6	214.9	211.2
25°	195.3	197.1	199.1	201.0	203.7	206.3	203.6	200.8	198.3	195.7	193.2
27.5°	180.7	182.5	184.2	185.8	188.3	190.7	188.1	185.6	183.4	181.3	179.3
30°	168.8	170.0	171.3	172.7	175.0	177.2	175.0	172.7	171.1	169.4	168.0
32.5°	158.6	159.8	160.4	161.0	163.1	165.3	163.7	162.1	160.8	159.4	158.4
35°	147.5	149.8	150.2	150.6	152.8	154.9	153.9	152.8	151.2	149.6	147.9
37.5°	136.2	138.9	140.5	141.8	144.0	146.1	145.1	144.2	142.0	139.9	136.7
40°	126.6	127.8	130.7	133.4	136.9	140.3	138.3	136.2	132.8	129.5	128.0
42.5°	118.6	118.4	121.1	123.9	129.1	134.2	130.7	127.2	124.0	120.9	120.5
45°	111.5	111.0	112.3	113.7	119.4	124.8	121.3	117.6	115.8	114.1	114.1
47.5°	105.3	104.9	105.9	106.7	110.2	113.5	111.7	110.0	109.0	108.0	108.2
50°	99.6	99.2	100.2	101.0	102.4	103.5	103.9	104.1	103.5	102.9	103.3
52.5°	94.4	94.4	94.7	94.9	96.7	98.5	98.5	98.3	98.3	98.3	98.7
55°	89.9	90.3	90.3	90.3	93.0	95.5	94.7	94.0	94.2	94.2	94.5
57.5°	85.4	86.0	86.3	86.7	89.5	92.2	91.4	90.6	90.6	90.6	90.8
60°	80.3	81.1	81.9	82.6	85.4	88.1	87.3	86.3	86.5	86.7	86.9
62.5°	75.4	76.2	77.0	77.7	80.5	83.2	82.4	81.5	82.0	82.4	82.4
65°	70.7	71.3	72.1	72.9	75.4	77.9	77.2	76.4	77.2	77.7	78.1
67.5°	65.4	65.8	66.6	67.4	69.9	72.5	71.7	70.7	71.7	72.5	73.3
70°	59.4	59.8	60.8	61.5	64.1	66.6	65.6	64.7	65.6	66.6	67.4
72.5°	52.7	53.1	54.1	54.9	57.8	60.8	59.6	58.4	59.6	60.8	61.1
75°	45.5	45.9	47.1	48.1	51.0	53.9	52.9	51.8	52.7	53.7	53.9
77.5°	37.7	38.3	39.9	41.4	43.8	46.1	45.5	44.9	45.5	46.1	46.1
80°	29.5	30.1	32.0	33.8	35.2	36.5	36.7	36.9	37.1	37.3	37.1
82.5°	21.9	22.7	24.4	26.2	26.2	26.2	27.7	29.1	29.1	28.9	28.7
85°	13.5	14.5	16.0	17.6	16.6	15.6	18.2	20.5	20.5	20.3	19.9
87.5°	2.7	3.7	5.3	6.6	5.7	4.7	7.2	9.8	10.0	10.0	9.6
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



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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: P385693
 CATALOG NUMBER: GAW-SA1B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6
2.5°	1248.5	1263.7	1278.7	1282.7	1288.5	1291.1	1293.4	1312.5	1331.5	1353.8	1376.0
5°	1000.0	1011.3	1022.6	1024.4	1030.5	1033.6	1036.7	1060.0	1083.0	1114.1	1145.1
7.5°	753.7	756.4	759.1	758.7	763.8	770.6	777.3	802.1	826.7	860.1	893.3
10°	570.8	577.1	583.1	588.8	599.9	612.8	625.5	650.9	676.3	709.3	742.1
12.5°	452.2	459.5	466.5	472.7	485.6	502.8	519.8	550.3	580.8	620.2	659.5
15°	369.2	368.6	368.0	372.3	383.7	402.4	421.0	453.2	485.4	528.8	572.0
17.5°	291.3	288.3	285.4	288.7	299.3	314.7	329.9	357.3	384.4	426.4	468.4
20°	235.6	233.6	231.7	234.8	241.5	247.9	254.3	274.1	293.6	327.8	361.8
22.5°	207.3	207.1	206.7	208.4	211.6	214.9	218.0	227.6	237.0	259.0	280.9
25°	190.7	190.5	190.3	191.1	193.6	196.1	198.7	204.9	211.2	221.7	232.3
27.5°	177.4	177.0	176.6	176.8	177.4	181.3	185.0	187.9	190.7	197.9	204.9
30°	166.6	166.4	166.2	166.2	165.7	167.0	168.4	172.9	177.2	184.6	192.0
32.5°	157.5	156.5	155.5	153.3	152.0	153.9	155.9	160.6	165.3	172.1	178.9
35°	145.9	143.4	140.7	139.5	139.7	141.6	143.6	148.3	152.8	160.2	167.4
37.5°	133.4	132.6	131.7	131.5	132.1	134.0	136.0	140.1	144.0	151.4	158.6
40°	126.4	126.0	125.6	125.2	125.6	127.6	129.5	133.4	137.1	144.4	151.4
42.5°	120.1	119.9	119.7	119.7	119.9	122.1	124.2	128.1	131.9	138.3	144.8
45°	114.1	114.3	114.3	114.7	115.3	117.4	119.4	123.7	128.0	134.2	140.5
47.5°	108.4	109.0	109.4	110.4	111.0	113.3	115.5	120.1	124.8	132.6	140.3
50°	103.5	104.1	104.5	105.3	106.9	109.6	112.3	118.0	123.5	136.5	149.4
52.5°	99.0	99.6	100.2	101.0	102.9	106.1	109.2	116.2	123.1	138.3	153.5
55°	94.9	95.5	95.9	97.1	99.0	101.8	104.3	112.9	121.5	132.6	143.8
57.5°	91.0	91.6	92.0	92.8	93.8	96.7	99.4	108.6	117.8	125.6	133.2
60°	86.9	87.3	87.5	87.5	88.3	91.6	94.9	106.7	118.2	116.8	115.3
62.5°	82.4	82.8	83.0	82.4	83.4	86.9	90.4	105.7	120.9	111.5	102.2
65°	78.3	78.1	77.9	77.4	78.5	82.0	85.4	93.0	100.6	96.9	93.2
67.5°	73.8	73.3	72.7	71.9	73.1	76.2	79.1	81.7	84.2	84.6	85.0
70°	68.2	67.4	66.6	66.4	67.0	69.5	72.1	73.8	75.4	76.2	76.8
72.5°	61.5	60.9	60.4	60.0	60.2	62.3	64.3	65.8	67.4	68.0	68.4
75°	54.1	54.1	53.9	52.7	52.7	54.5	56.1	57.4	58.8	59.6	60.4
77.5°	46.1	46.3	46.3	44.7	44.5	46.3	47.9	49.0	50.0	50.8	51.4
80°	36.9	36.5	36.1	35.2	34.8	36.9	38.9	39.9	40.6	40.8	40.8
82.5°	28.3	27.5	26.6	24.4	24.6	27.0	29.1	29.9	30.7	30.7	30.7
85°	19.3	17.8	16.0	14.3	14.5	17.0	19.3	20.1	20.9	21.3	21.5
87.5°	9.2	7.6	5.9	4.5	4.5	6.6	8.6	9.0	9.4	10.2	10.9
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: P385693
 CATALOG NUMBER: GAW-SA1B-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: P385693
 CATALOG NUMBER: GAW-SA1B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6
2.5°	1393.0	1409.8	1427.2	1444.6	1464.5	1484.5	1507.7	1530.7	1550.5	1570.2	1586.6
5°	1171.9	1198.7	1230.1	1261.6	1301.6	1341.7	1390.7	1439.5	1483.1	1526.6	1577.2
7.5°	928.3	963.1	1004.1	1045.1	1096.9	1148.6	1212.1	1275.6	1337.2	1398.5	1476.2
10°	778.7	815.2	855.6	895.9	948.6	1001.2	1068.4	1135.4	1204.5	1273.5	1361.4
12.5°	700.1	740.6	776.1	811.7	854.5	897.0	962.1	1027.1	1108.4	1189.5	1274.1
15°	616.3	660.5	703.1	745.6	792.3	838.8	902.1	965.4	1054.3	1143.2	1240.5
17.5°	514.9	561.4	613.4	665.2	726.1	786.9	867.9	949.0	1054.3	1159.4	1274.1
20°	409.3	456.7	518.8	581.0	656.8	732.4	837.5	942.6	1084.4	1226.0	1372.3
22.5°	322.9	364.7	432.5	500.1	587.6	675.1	809.9	944.5	1129.9	1315.1	1512.6
25°	261.8	291.3	357.9	424.3	525.3	626.3	793.1	959.7	1196.1	1432.3	1677.3
27.5°	224.3	243.6	305.7	367.6	478.0	588.2	786.3	984.2	1280.1	1576.1	1856.4
30°	205.5	219.0	271.5	323.9	436.0	548.1	778.1	1008.0	1361.0	1713.8	1996.5
32.5°	189.9	200.6	245.6	290.3	399.7	509.1	762.2	1015.2	1417.4	1819.7	2115.0
35°	176.6	185.6	224.7	263.7	371.2	478.6	735.7	992.8	1452.8	1912.9	2238.5
37.5°	165.9	172.9	209.0	245.2	346.5	447.9	705.4	962.9	1484.3	2005.6	2377.4
40°	157.5	163.5	197.3	231.1	323.1	415.1	679.4	943.5	1527.6	2111.7	2524.1
42.5°	152.8	160.6	187.1	213.5	300.8	388.2	658.5	928.9	1567.9	2206.7	2652.4
45°	151.6	162.7	181.9	201.0	284.2	367.5	640.0	912.3	1593.8	2275.4	2749.1
47.5°	149.6	158.8	177.8	196.7	276.0	355.1	630.0	904.7	1619.8	2334.8	2829.4
50°	150.8	152.0	174.4	196.7	274.9	353.0	641.3	929.7	1676.1	2422.3	2921.2
52.5°	148.7	143.6	168.2	192.8	274.7	356.5	674.0	991.4	1780.6	2569.6	3020.7
55°	137.3	130.7	156.5	182.3	270.6	358.7	712.8	1066.8	1920.9	2774.7	3199.4
57.5°	127.4	121.3	143.2	164.9	258.1	351.2	752.9	1154.3	2069.1	2983.7	3400.8
60°	114.1	112.7	128.3	144.0	238.7	333.3	785.9	1238.3	2168.8	3099.0	3478.4
62.5°	103.1	103.9	115.5	127.0	214.5	301.8	796.8	1291.6	2166.0	3040.4	3400.2
65°	94.7	96.1	107.4	118.8	193.8	268.8	760.9	1252.8	2056.4	2859.9	3245.7
67.5°	86.5	88.1	101.6	114.9	175.4	235.8	671.0	1106.1	1859.3	2612.4	3049.2
70°	78.7	80.7	95.3	110.0	162.1	214.1	555.2	896.3	1612.6	2328.7	2821.6
72.5°	70.3	72.3	87.9	103.5	153.7	203.7	452.6	701.3	1308.6	1915.8	2413.5
75°	61.7	63.1	80.1	96.9	142.2	187.5	355.1	522.6	1001.6	1480.5	1823.0
77.5°	53.1	54.9	69.2	83.2	120.7	158.0	267.6	377.2	734.9	1092.4	1267.8
80°	42.4	44.0	54.1	64.1	93.2	122.1	184.0	245.9	505.8	765.6	864.4
82.5°	32.4	34.2	41.0	47.7	66.4	85.2	111.5	137.9	336.0	533.9	542.1
85°	22.3	22.9	27.7	32.4	41.0	49.6	63.9	78.1	222.3	366.5	305.3
87.5°	11.1	11.1	14.5	17.8	22.1	26.4	33.8	41.0	71.1	101.2	58.2
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: P385693
 CATALOG NUMBER: GAW-SA1B-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: P385693

CATALOG NUMBER: GAW-SA1B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6
2.5°	1607.5	1621.8	1636.2	1647.2	1658.3	1674.3	1690.3	1693.3	1696.4	1690.2	1683.9
5°	1628.2	1671.4	1714.8	1754.8	1794.9	1818.9	1842.9	1847.8	1852.7	1837.6	1822.4
7.5°	1551.5	1626.7	1701.9	1770.8	1839.8	1881.6	1923.6	1933.0	1942.5	1917.9	1893.3
10°	1448.9	1541.3	1633.7	1724.5	1815.4	1876.1	1936.9	1949.0	1961.1	1930.4	1899.8
12.5°	1369.6	1468.2	1566.9	1662.6	1758.5	1821.4	1884.3	1899.4	1914.4	1892.1	1869.7
15°	1345.2	1438.0	1530.7	1614.2	1697.8	1749.1	1800.7	1806.8	1813.0	1809.5	1806.0
17.5°	1389.5	1473.3	1557.3	1602.6	1648.2	1668.7	1689.4	1696.0	1702.9	1711.6	1720.6
20°	1497.0	1555.9	1615.1	1613.2	1611.0	1601.1	1590.9	1589.2	1587.4	1612.6	1638.0
22.5°	1657.3	1680.8	1704.4	1649.5	1594.6	1561.2	1527.6	1521.0	1514.1	1540.9	1567.9
25°	1831.4	1827.1	1822.6	1718.1	1613.4	1549.7	1486.0	1478.6	1471.2	1494.0	1517.1
27.5°	2003.7	1975.6	1947.4	1805.4	1663.4	1571.0	1478.6	1471.2	1463.7	1484.1	1504.4
30°	2130.1	2085.0	2039.8	1879.1	1718.3	1608.5	1498.7	1486.6	1474.3	1499.3	1524.3
32.5°	2228.7	2168.2	2107.6	1938.8	1770.1	1651.3	1532.5	1513.6	1494.6	1528.0	1561.4
35°	2327.2	2242.0	2156.6	1992.2	1827.5	1701.9	1576.1	1552.8	1529.6	1575.5	1621.4
37.5°	2451.0	2328.7	2206.3	2052.1	1898.0	1777.7	1657.1	1633.3	1609.5	1667.9	1726.5
40°	2585.4	2422.3	2259.2	2117.8	1976.3	1882.6	1788.6	1765.9	1743.1	1814.2	1885.3
42.5°	2697.2	2509.4	2321.7	2196.9	2071.9	2005.8	1939.6	1939.4	1939.0	2011.1	2083.2
45°	2788.0	2582.1	2376.0	2274.0	2171.9	2137.5	2103.1	2130.7	2158.2	2223.3	2288.5
47.5°	2855.8	2643.1	2430.1	2362.3	2294.6	2299.6	2304.7	2360.8	2416.8	2458.7	2500.7
50°	2899.9	2698.3	2496.6	2475.6	2454.7	2500.3	2546.0	2610.2	2674.7	2703.2	2731.8
52.5°	2964.2	2773.4	2582.3	2605.8	2629.2	2722.2	2815.2	2880.2	2945.3	2955.8	2966.6
55°	3112.9	2911.3	2709.5	2754.4	2799.5	2935.9	3072.4	3123.2	3174.0	3177.9	3181.8
57.5°	3324.0	3104.5	2884.9	2933.3	2981.8	3139.2	3296.9	3351.6	3406.5	3398.9	3391.1
60°	3482.1	3287.9	3093.5	3142.4	3191.2	3344.8	3498.3	3561.2	3624.3	3607.5	3590.7
62.5°	3491.9	3388.1	3284.2	3328.3	3372.7	3523.1	3673.5	3738.2	3802.8	3773.5	3744.2
65°	3336.5	3383.0	3429.5	3444.2	3458.8	3599.1	3739.6	3789.0	3838.6	3823.7	3808.9
67.5°	3122.6	3294.0	3465.5	3436.0	3406.5	3472.3	3538.1	3589.1	3640.1	3631.7	3623.1
70°	2909.1	3137.9	3366.6	3221.7	3076.5	3049.4	3022.2	3077.1	3132.2	3098.2	3064.0
72.5°	2545.6	2789.4	3033.4	2766.3	2499.3	2406.5	2313.7	2383.4	2453.2	2399.1	2344.8
75°	1998.2	2267.6	2537.2	2218.6	1900.0	1776.1	1652.3	1712.2	1772.2	1735.1	1697.8
77.5°	1487.6	1753.1	2018.5	1694.6	1370.6	1278.6	1186.3	1204.1	1222.1	1215.8	1209.4
80°	1009.0	1194.0	1379.2	1163.5	947.8	954.9	962.1	953.7	945.1	957.6	970.1
82.5°	643.9	786.7	929.7	815.2	700.7	766.4	832.0	799.8	767.3	779.2	791.4
85°	367.5	507.1	647.0	603.0	558.9	597.2	635.7	585.7	535.6	557.5	579.6
87.5°	96.9	280.5	464.3	421.6	378.8	329.2	279.5	213.3	147.1	214.9	282.7
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: P385693
 CATALOG NUMBER: GAW-SA1B-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°	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6	1488.6
2.5°	1680.6	1677.3	1665.3	1653.2	1635.3	1620.4	1594.6
5°	1801.3	1780.2	1743.9	1707.3	1666.7	1620.0	1568.3
7.5°	1844.1	1794.7	1724.9	1655.0	1592.1	1518.2	1449.5
10°	1825.9	1751.9	1661.2	1570.4	1494.0	1409.0	1332.7
12.5°	1791.1	1712.4	1612.6	1512.6	1425.7	1334.4	1248.9
15°	1743.3	1680.4	1586.8	1493.2	1405.7	1317.0	1215.7
17.5°	1690.9	1661.0	1593.5	1525.7	1449.9	1363.9	1245.0
20°	1648.7	1659.7	1632.7	1605.8	1545.0	1470.0	1336.4
22.5°	1620.2	1672.8	1693.5	1714.4	1677.8	1619.2	1464.7
25°	1604.2	1691.3	1760.7	1830.2	1814.0	1768.9	1620.6
27.5°	1611.2	1718.1	1825.7	1933.6	1948.6	1936.1	1784.9
30°	1632.3	1740.6	1871.6	2002.9	2062.9	2079.7	1921.8
32.5°	1667.5	1773.6	1916.4	2059.4	2150.0	2203.5	2047.1
35°	1720.6	1819.9	1968.7	2117.6	2234.8	2332.5	2176.4
37.5°	1811.9	1897.2	2034.6	2172.1	2324.1	2470.8	2318.8
40°	1945.5	2005.8	2121.9	2238.1	2429.4	2627.4	2477.6
42.5°	2114.1	2145.1	2237.1	2329.1	2539.3	2769.6	2632.9
45°	2296.7	2304.9	2362.7	2420.8	2626.5	2866.5	2749.5
47.5°	2472.5	2444.4	2467.4	2490.5	2693.3	2935.7	2838.0
50°	2653.4	2575.1	2563.0	2550.9	2760.1	3017.2	2950.5
52.5°	2837.4	2708.3	2660.4	2612.4	2839.8	3125.2	3090.6
55°	3017.5	2853.3	2788.8	2724.3	2961.7	3257.0	3296.3
57.5°	3204.9	3018.7	2958.9	2899.2	3140.8	3424.1	3480.9
60°	3406.5	3222.1	3174.2	3126.2	3363.5	3604.6	3563.2
62.5°	3597.7	3451.2	3426.0	3400.6	3588.7	3743.3	3531.1
65°	3725.5	3641.9	3665.3	3689.0	3759.1	3777.8	3437.3
67.5°	3640.1	3657.1	3756.2	3855.4	3807.1	3675.1	3252.5
70°	3165.8	3267.8	3502.4	3737.2	3630.2	3399.8	2920.8
72.5°	2459.2	2573.9	2922.2	3270.7	3172.1	2890.0	2399.1
75°	1827.1	1956.6	2341.1	2725.5	2588.6	2161.7	1717.7
77.5°	1296.1	1382.9	1762.4	2142.2	1918.9	1438.9	1155.9
80°	943.5	917.0	1128.5	1340.1	1303.0	951.7	742.3
82.5°	726.5	661.6	761.3	860.9	855.4	660.5	544.6
85°	553.6	527.6	615.7	703.8	628.4	447.3	346.2
87.5°	322.7	363.0	466.7	570.6	428.2	135.8	67.2
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)