

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: P385889

Luminaire Tested: GAW-SA1C-727-U-SLR

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-2019
Report Number: P385889
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-SA1C-727-U-SLR
Description: GALLEON WALL LUMINAIRE
(1) 70 CRI, 2700K, 1050mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5552 lumens
Efficiency: N/A
Efficacy: 94.1 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

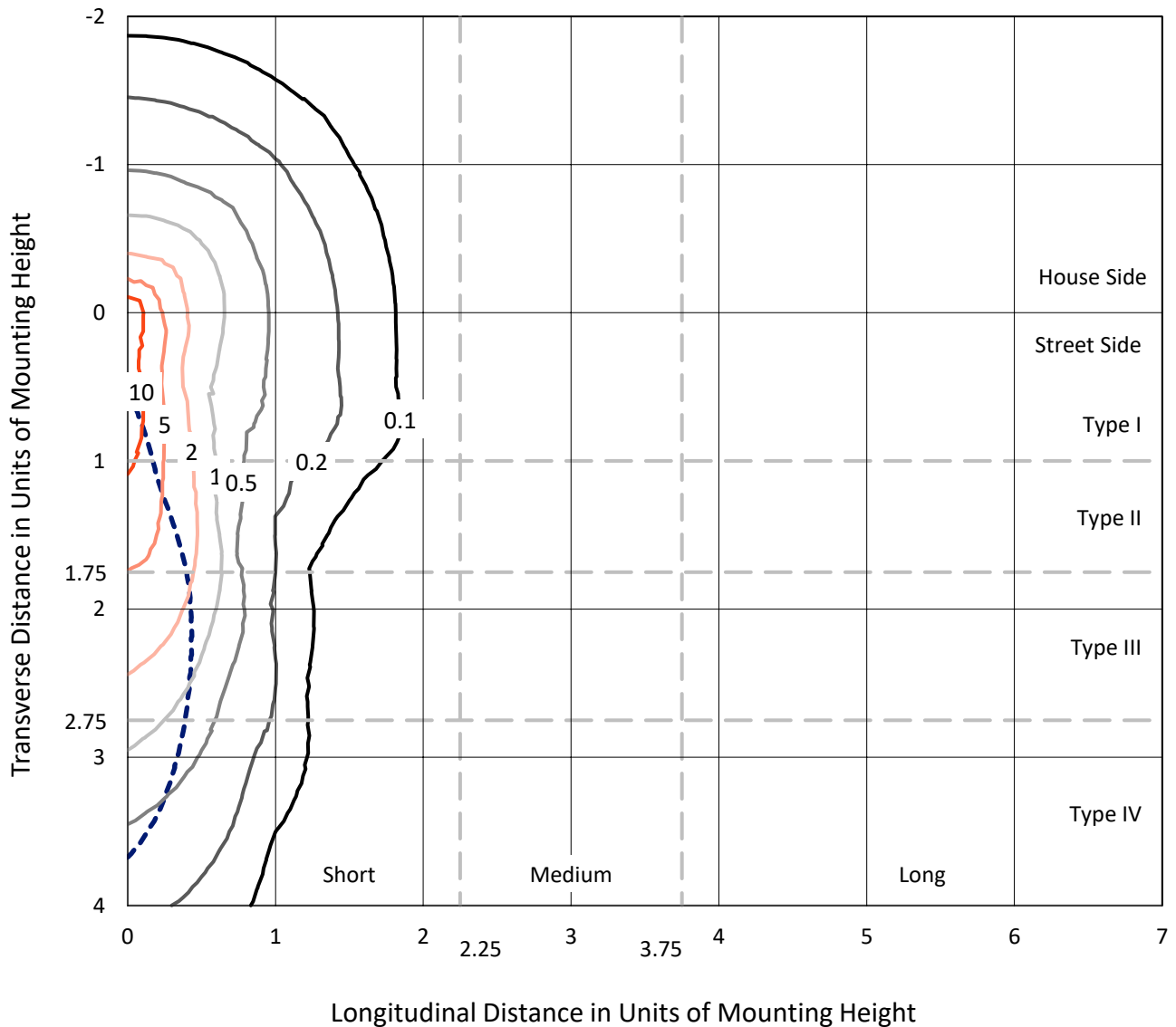
Input Watts (W): 59
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P385889
 CATALOG NUMBER: GAW-SA1C-727-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

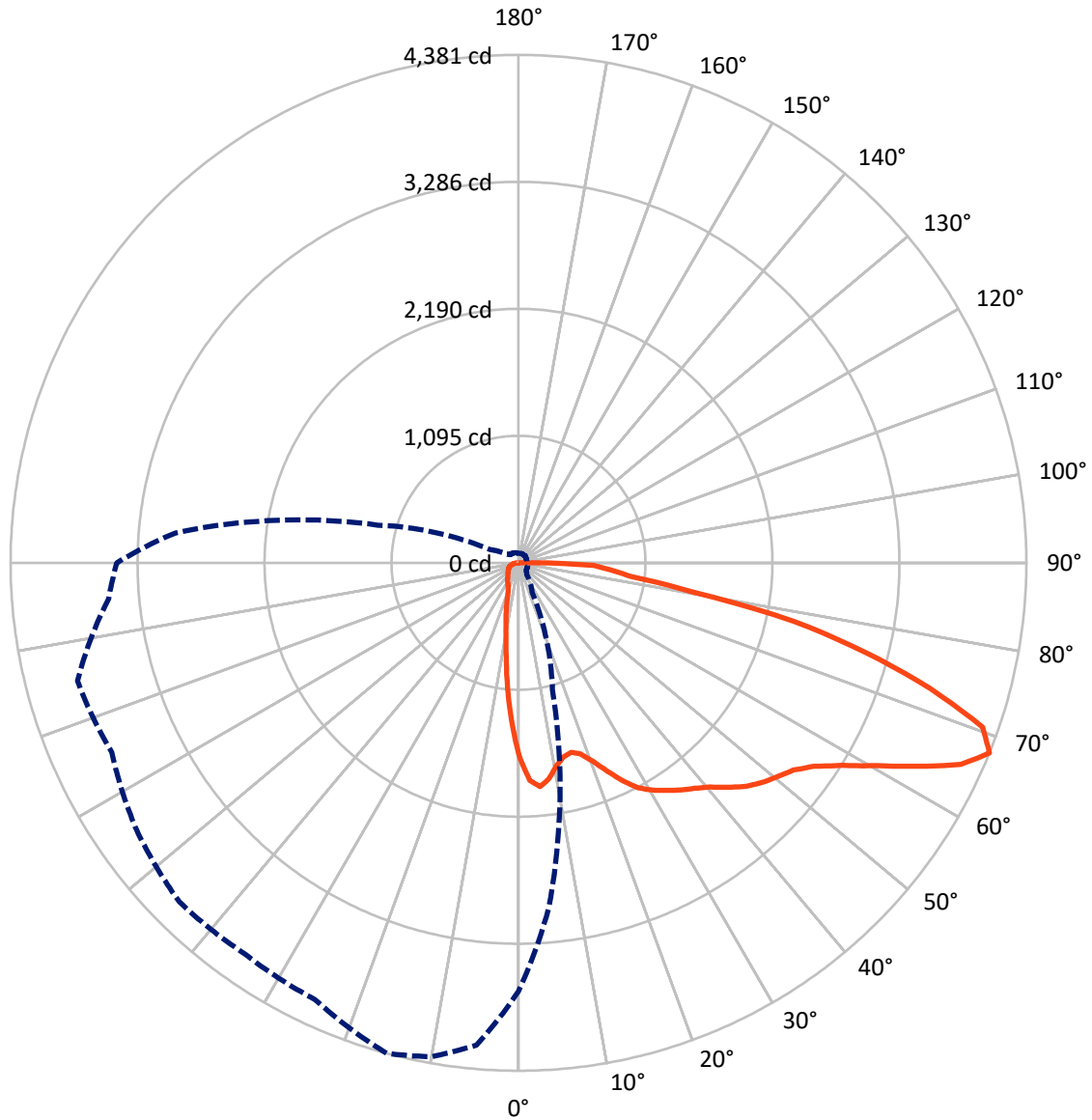
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 16.9 fc
 Type IV - Medium - N/A

REPORT NUMBER: P385889
CATALOG NUMBER: GAW-SA1C-727-U-SLR

Luminous Intensity Polar Plot



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

REPORT NUMBER: P385889
 CATALOG NUMBER: GAW-SA1C-727-U-SLR

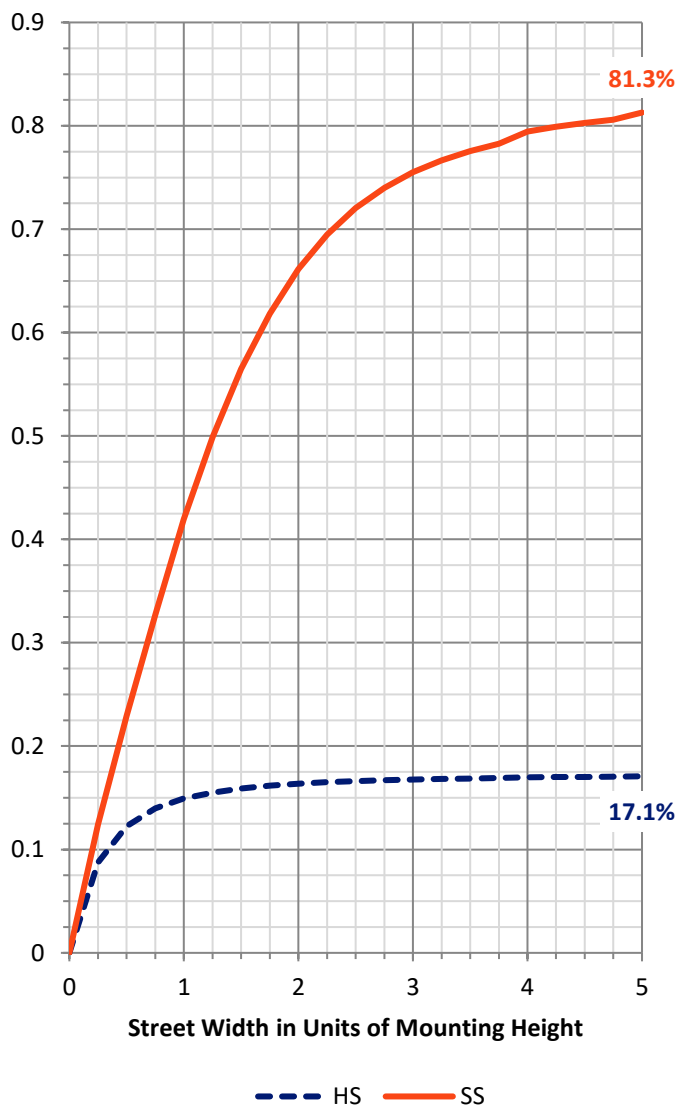
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	959.8	0.0	959.8
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	4592.2	0.0	4592.2
	% Fixture	82.7	0.0	82.7
Total	Lumens	5552.0	0.0	5552.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	130.5	2.4
10°-20°	271.2	4.9
20°-30°	385.7	6.9
30°-40°	555.8	10.0
40°-50°	783.2	14.1
50°-60°	1088.8	19.6
60°-70°	1316.7	23.7
70°-80°	809.4	14.6
80°-90°	210.6	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°	5552.0	100.0
0°-180°	5552.0	100.0

Coefficient of Utilization

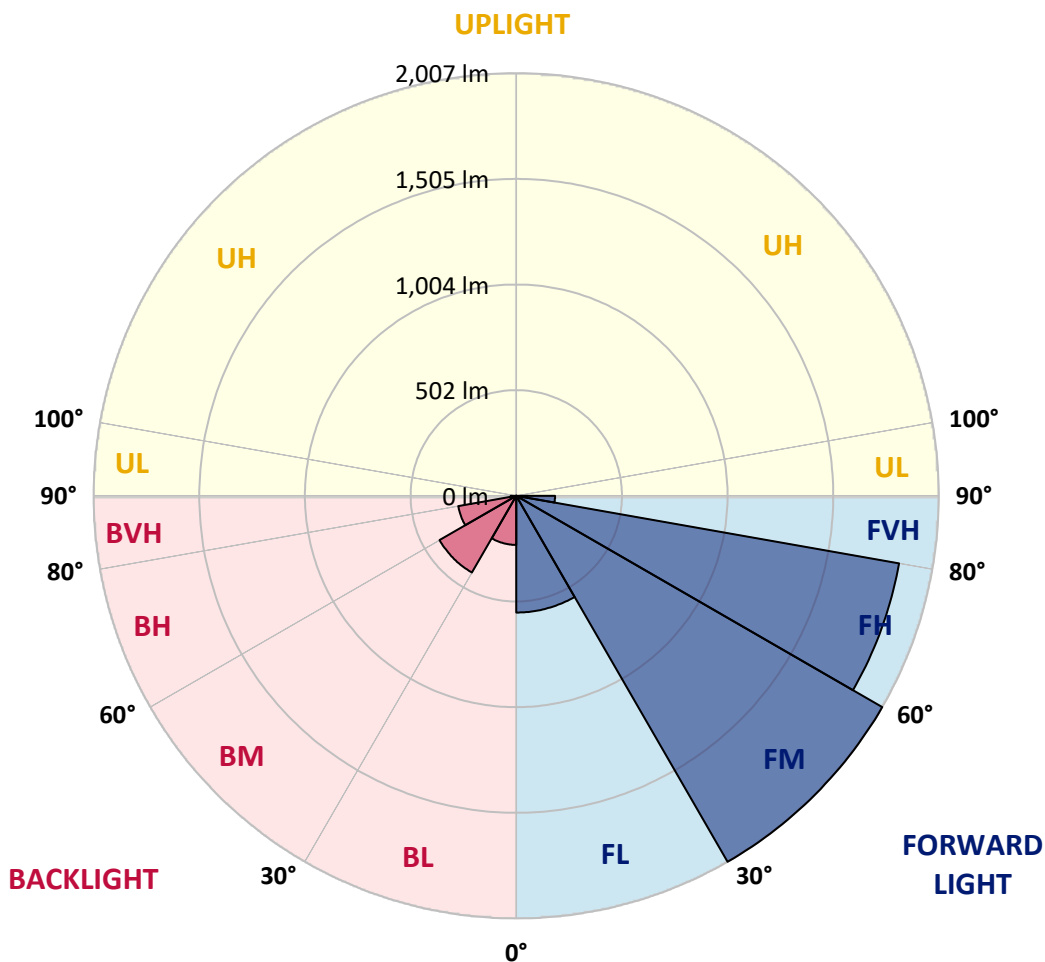


REPORT NUMBER: P385889
 CATALOG NUMBER: GAW-SA1C-727-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	554.4	10.0			
FM (30°-60°)	2007.2	36.2			
FH (60°-80°)	1846.4	33.3			G2/5000
FVH (80°-90°)	184.2	3.3			G2/225
BL (0°-30°)	233.0	4.2	B1/500		
BM (30°-60°)	420.7	7.6	B1/1000		
BH (60°-80°)	279.7	5.0	B1/500		G1/500
BVH (80°-90°)	26.4	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
 Type IV Medium





REPORT NUMBER: P385889

CATALOG NUMBER: GAW-SA1C-727-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5
2.5°	1812.0	1796.0	1771.8	1747.6	1729.6	1711.4	1690.8	1670.1	1646.6	1622.9	1608.9
5°	1782.0	1737.6	1679.9	1622.2	1584.0	1545.8	1502.6	1459.3	1416.4	1373.6	1350.5
7.5°	1647.1	1580.5	1505.4	1430.4	1374.9	1319.2	1259.3	1199.1	1145.8	1092.3	1059.3
10°	1514.3	1434.4	1348.3	1261.9	1190.9	1119.9	1059.7	999.3	959.2	919.0	888.6
12.5°	1419.1	1330.5	1235.7	1140.7	1069.7	998.7	960.5	922.3	889.0	855.7	820.6
15°	1381.4	1281.2	1184.2	1087.0	1022.4	957.8	915.4	872.8	828.2	783.4	740.3
17.5°	1414.7	1297.4	1192.0	1086.6	1002.0	917.4	858.2	798.7	739.8	681.0	631.1
20°	1518.5	1368.9	1231.1	1093.0	980.5	867.9	788.5	708.8	633.3	557.8	501.2
22.5°	1664.4	1466.4	1286.3	1106.3	960.9	815.3	715.6	615.8	526.5	437.3	381.8
25°	1841.5	1595.6	1366.0	1136.3	952.9	769.4	646.8	524.3	430.2	335.8	296.3
27.5°	2028.2	1749.6	1465.0	1180.2	954.3	728.3	588.9	449.3	364.5	279.7	252.6
30°	2183.8	1925.6	1580.5	1235.1	959.4	683.7	534.3	384.9	315.0	245.1	227.5
32.5°	2326.1	2048.4	1667.5	1286.3	965.2	643.7	492.1	340.3	283.2	226.0	211.5
35°	2473.0	2157.4	1728.3	1299.0	955.2	611.1	463.3	315.4	262.8	210.0	197.8
37.5°	2634.9	2275.3	1786.9	1298.3	938.3	578.2	440.8	303.2	249.5	195.6	186.7
40°	2815.3	2405.6	1850.4	1295.2	923.0	550.5	424.2	297.7	242.2	186.5	178.9
42.5°	2991.8	2529.9	1909.4	1289.0	910.5	531.9	407.8	283.7	235.5	187.1	176.5
45°	3124.3	2638.4	1960.7	1282.8	901.2	519.6	394.9	270.1	229.3	188.5	174.9
47.5°	3224.9	2747.4	2017.5	1287.5	900.3	513.2	385.8	258.4	217.5	176.5	170.9
50°	3352.7	2878.4	2100.3	1322.3	912.5	502.8	375.1	247.3	206.2	165.1	172.7
52.5°	3511.9	3065.3	2228.6	1391.8	938.1	484.4	358.3	232.2	192.5	152.5	164.3
55°	3745.6	3304.8	2392.7	1480.4	968.9	457.3	332.7	208.0	174.3	140.3	150.7
57.5°	3955.4	3546.7	2550.1	1553.2	988.2	423.1	300.6	178.0	153.8	129.6	135.6
60°	4048.8	3671.5	2623.8	1575.8	976.7	377.6	264.4	150.9	135.8	120.8	119.6
62.5°	4012.4	3592.2	2551.2	1510.1	920.3	330.5	232.4	134.3	123.0	111.4	109.0
65°	3905.9	3343.2	2347.8	1352.5	825.1	297.7	212.2	126.7	114.1	101.4	98.8
67.5°	3695.9	2988.7	2059.7	1130.7	704.1	277.5	200.7	123.9	108.5	93.0	89.9
70°	3319.0	2562.0	1727.9	893.5	579.4	265.0	193.1	121.2	102.6	83.7	80.8
72.5°	2726.1	2054.2	1379.8	705.2	484.4	263.5	192.2	121.0	97.7	74.4	71.7
75°	1951.8	1560.3	1053.3	546.1	396.7	247.3	182.5	117.6	91.0	64.2	61.7
77.5°	1313.4	1079.9	732.1	384.0	294.3	204.7	153.4	102.1	77.9	53.7	51.3
80°	843.5	747.4	490.6	233.7	190.9	148.1	109.7	71.3	56.8	42.2	40.2
82.5°	618.9	556.3	341.0	125.6	106.1	86.3	67.0	47.7	38.8	30.0	29.1
85°	393.3	433.7	251.1	68.4	55.9	43.5	36.0	28.4	22.4	16.4	16.4
87.5°	76.4	105.7	69.5	33.1	24.2	15.3	13.1	10.7	6.0	1.1	1.3
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: P385889
 CATALOG NUMBER: GAW-SA1C-727-U-SLR

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



REPORT NUMBER: P385889
 CATALOG NUMBER: GAW-SA1C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5
2.5°	1594.7	1579.4	1564.0	1546.7	1529.2	1513.0	1496.6	1478.6	1481.9	1468.1	1454.4
5°	1327.4	1303.0	1278.4	1257.0	1235.7	1217.3	1198.7	1182.0	1196.4	1186.7	1176.9
7.5°	1026.0	995.8	965.4	939.8	914.3	894.6	874.6	860.8	875.0	873.3	871.5
10°	858.2	828.9	799.3	771.1	743.0	719.0	694.8	674.4	670.8	660.6	650.2
12.5°	785.4	745.2	704.8	675.3	645.7	617.1	588.5	564.5	553.6	536.7	519.6
15°	697.2	649.7	602.2	568.7	535.0	507.2	479.2	458.6	451.7	438.6	425.5
17.5°	581.1	529.2	477.2	443.3	409.1	386.9	364.5	350.7	350.7	346.9	343.2
20°	444.6	398.2	351.8	325.9	299.9	288.1	276.1	270.4	272.1	272.4	272.4
22.5°	326.1	297.7	269.3	258.8	248.2	244.0	239.7	237.3	238.2	238.4	238.6
25°	256.8	245.9	234.9	229.5	224.0	221.3	218.6	217.8	219.8	220.0	220.0
27.5°	225.5	218.9	212.0	208.7	205.1	204.0	202.9	201.3	203.3	203.3	203.1
30°	209.8	202.7	195.6	191.3	187.1	187.6	187.8	187.3	188.7	189.6	190.2
32.5°	196.9	190.0	183.1	178.9	174.5	173.8	173.1	172.7	175.6	177.1	178.7
35°	185.3	177.8	170.3	166.3	162.3	160.7	159.2	158.0	160.7	162.7	164.7
37.5°	177.6	169.8	161.8	158.0	154.1	152.1	150.1	148.7	149.8	150.7	151.6
40°	171.4	163.4	155.2	150.7	146.3	144.3	142.3	141.2	141.8	142.1	142.3
42.5°	165.6	157.8	150.1	145.2	140.1	137.6	135.2	133.9	134.3	134.7	135.0
45°	161.4	153.6	145.6	139.8	133.9	131.2	128.5	127.0	127.2	127.2	127.2
47.5°	165.4	154.1	142.5	135.8	129.0	125.9	122.8	121.2	120.8	120.3	119.9
50°	180.0	160.7	141.2	132.7	124.1	120.8	117.2	115.4	114.3	113.9	113.4
52.5°	175.8	159.2	142.3	131.4	120.3	116.3	112.3	109.4	108.3	107.7	107.0
55°	160.9	150.5	139.8	126.7	113.7	110.1	106.3	104.3	102.3	101.9	101.4
57.5°	141.4	137.2	133.0	119.6	106.3	103.0	99.4	98.1	96.3	96.3	96.1
60°	118.3	124.5	130.7	115.4	99.9	96.1	92.3	91.2	90.6	90.3	90.1
62.5°	106.3	116.5	126.5	110.3	93.9	89.9	85.9	84.6	84.4	84.6	84.6
65°	96.1	99.2	102.3	94.8	87.2	83.2	79.0	77.7	78.1	78.8	79.5
67.5°	86.8	86.1	85.5	82.8	79.9	76.6	73.0	71.7	71.9	72.8	73.7
70°	77.9	77.0	75.9	73.9	71.9	69.0	66.1	65.3	65.0	66.1	67.0
72.5°	69.0	67.9	66.6	65.0	63.3	60.8	58.4	57.7	57.9	58.6	59.3
75°	59.3	58.4	57.3	55.9	54.4	52.2	49.9	49.5	49.9	50.6	51.3
77.5°	48.6	48.4	47.9	46.8	45.7	43.3	40.6	40.4	41.1	41.7	42.2
80°	38.0	38.2	38.4	37.5	36.6	34.0	31.1	30.9	31.5	32.2	32.9
82.5°	28.0	28.6	29.1	28.0	26.9	23.8	20.6	20.2	22.4	23.1	23.8
85°	16.2	17.1	18.0	17.1	16.2	13.1	10.0	9.8	11.8	12.9	14.0
87.5°	1.3	1.8	2.2	2.0	1.8	0.9	0.0	0.0	0.2	1.1	2.0
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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 CATALOG NUMBER: GAW-SA1C-727-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: P385889
 CATALOG NUMBER: GAW-SA1C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5
2.5°	1445.7	1437.1	1434.4	1431.7	1422.0	1412.0	1422.2	1432.2	1436.4	1440.6	1429.7
5°	1175.6	1174.0	1174.0	1173.8	1164.9	1155.8	1162.7	1169.4	1154.5	1139.6	1138.1
7.5°	881.0	890.6	898.3	905.9	903.0	900.1	906.5	913.0	894.1	875.0	865.7
10°	652.4	654.4	662.8	671.3	673.3	675.0	683.0	690.8	676.1	661.5	655.1
12.5°	509.0	498.3	499.4	500.3	504.3	508.1	516.5	524.8	518.8	512.5	513.2
15°	412.2	398.7	393.1	387.3	391.8	396.2	402.2	408.0	408.2	408.2	414.0
17.5°	336.5	329.6	324.1	318.3	324.3	330.1	330.7	331.4	331.6	331.9	331.4
20°	275.7	279.0	277.2	275.5	277.7	279.7	281.5	283.0	281.0	278.8	273.3
22.5°	241.7	244.6	246.8	248.8	252.6	256.2	254.4	252.4	248.4	244.2	240.0
25°	222.0	224.0	226.2	228.4	231.5	234.4	231.3	228.2	225.3	222.4	219.5
27.5°	205.3	207.3	209.3	211.1	214.0	216.6	213.8	210.9	208.4	206.0	203.8
30°	191.8	193.1	194.7	196.2	198.9	201.3	198.9	196.2	194.5	192.5	190.9
32.5°	180.2	181.6	182.2	182.9	185.3	187.8	186.0	184.2	182.7	181.1	180.0
35°	167.6	170.3	170.7	171.1	173.6	176.0	174.9	173.6	171.8	170.0	168.0
37.5°	154.7	157.8	159.6	161.2	163.6	166.0	164.9	163.8	161.4	158.9	155.4
40°	143.8	145.2	148.5	151.6	155.6	159.4	157.2	154.7	150.9	147.2	145.4
42.5°	134.7	134.5	137.6	140.7	146.7	152.5	148.5	144.5	141.0	137.4	137.0
45°	126.7	126.1	127.6	129.2	135.6	141.8	137.8	133.6	131.6	129.6	129.6
47.5°	119.6	119.2	120.3	121.2	125.2	129.0	127.0	125.0	123.9	122.8	123.0
50°	113.2	112.8	113.9	114.8	116.3	117.6	118.1	118.3	117.6	117.0	117.4
52.5°	107.2	107.2	107.7	107.9	109.9	111.9	111.9	111.7	111.7	111.7	112.1
55°	102.1	102.6	102.6	102.6	105.7	108.5	107.7	106.8	107.0	107.0	107.4
57.5°	97.0	97.7	98.1	98.6	101.7	104.8	103.9	103.0	103.0	103.0	103.2
60°	91.2	92.1	93.0	93.9	97.0	100.1	99.2	98.1	98.3	98.6	98.8
62.5°	85.7	86.6	87.5	88.3	91.5	94.6	93.7	92.6	93.2	93.7	93.7
65°	80.4	81.0	81.9	82.8	85.7	88.6	87.7	86.8	87.7	88.3	88.8
67.5°	74.4	74.8	75.7	76.6	79.5	82.4	81.5	80.4	81.5	82.4	83.2
70°	67.5	67.9	69.0	69.9	72.8	75.7	74.6	73.5	74.6	75.7	76.6
72.5°	59.9	60.4	61.5	62.4	65.7	69.0	67.7	66.4	67.7	69.0	69.5
75°	51.7	52.2	53.5	54.6	57.9	61.3	60.2	58.8	59.9	61.0	61.3
77.5°	42.8	43.5	45.3	47.1	49.7	52.4	51.7	51.1	51.7	52.4	52.4
80°	33.5	34.2	36.4	38.4	40.0	41.5	41.7	42.0	42.2	42.4	42.2
82.5°	24.9	25.7	27.7	29.7	29.7	29.7	31.5	33.1	33.1	32.9	32.6
85°	15.3	16.4	18.2	20.0	18.9	17.8	20.6	23.3	23.3	23.1	22.6
87.5°	3.1	4.2	6.0	7.5	6.4	5.3	8.2	11.1	11.3	11.3	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: P385889
 CATALOG NUMBER: GAW-SA1C-727-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: P385889
 CATALOG NUMBER: GAW-SA1C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5
2.5°	1418.6	1436.0	1453.1	1457.5	1464.2	1467.0	1469.7	1491.5	1513.0	1538.3	1563.6
5°	1136.3	1149.2	1162.0	1164.0	1170.9	1174.5	1178.0	1204.4	1230.6	1265.9	1301.2
7.5°	856.4	859.5	862.6	862.2	867.9	875.7	883.2	911.4	939.4	977.4	1015.1
10°	648.6	655.7	662.6	669.0	681.7	696.3	710.8	739.6	768.5	806.0	843.3
12.5°	513.9	522.1	530.1	537.2	551.8	571.4	590.7	625.3	659.9	704.8	749.4
15°	419.5	418.9	418.2	423.1	436.0	457.3	478.4	515.0	551.6	600.9	649.9
17.5°	331.0	327.6	324.3	328.1	340.1	357.6	374.9	406.0	436.8	484.6	532.3
20°	267.7	265.5	263.3	266.8	274.4	281.7	289.0	311.4	333.6	372.5	411.1
22.5°	235.5	235.3	234.9	236.8	240.4	244.2	247.7	258.6	269.3	294.3	319.2
25°	216.6	216.4	216.2	217.1	220.0	222.9	225.7	232.9	240.0	251.9	263.9
27.5°	201.6	201.1	200.7	200.9	201.6	206.0	210.2	213.5	216.6	224.9	232.9
30°	189.3	189.1	188.9	188.9	188.2	189.8	191.3	196.4	201.3	209.8	218.2
32.5°	178.9	177.8	176.7	174.3	172.7	174.9	177.1	182.5	187.8	195.6	203.3
35°	165.8	162.9	159.8	158.5	158.7	160.9	163.2	168.5	173.6	182.0	190.2
37.5°	151.6	150.7	149.6	149.4	150.1	152.3	154.5	159.2	163.6	172.0	180.2
40°	143.6	143.2	142.7	142.3	142.7	145.0	147.2	151.6	155.8	164.0	172.0
42.5°	136.5	136.3	136.1	136.1	136.3	138.7	141.2	145.6	149.8	157.2	164.5
45°	129.6	129.9	129.9	130.3	131.0	133.4	135.6	140.5	145.4	152.5	159.6
47.5°	123.2	123.9	124.3	125.4	126.1	128.7	131.2	136.5	141.8	150.7	159.4
50°	117.6	118.3	118.8	119.6	121.4	124.5	127.6	134.1	140.3	155.2	169.8
52.5°	112.5	113.2	113.9	114.8	117.0	120.5	124.1	132.1	139.8	157.2	174.5
55°	107.9	108.5	109.0	110.3	112.5	115.6	118.5	128.3	138.1	150.7	163.4
57.5°	103.4	104.1	104.6	105.4	106.5	109.9	113.0	123.4	133.9	142.7	151.4
60°	98.8	99.2	99.4	99.4	100.3	104.1	107.9	121.2	134.3	132.7	131.0
62.5°	93.7	94.1	94.3	93.7	94.8	98.8	102.8	120.1	137.4	126.7	116.1
65°	89.0	88.8	88.6	87.9	89.2	93.2	97.0	105.7	114.3	110.1	105.9
67.5°	83.9	83.2	82.6	81.7	83.0	86.6	89.9	92.8	95.7	96.1	96.6
70°	77.5	76.6	75.7	75.5	76.1	79.0	81.9	83.9	85.7	86.6	87.2
72.5°	69.9	69.3	68.6	68.1	68.4	70.8	73.0	74.8	76.6	77.2	77.7
75°	61.5	61.5	61.3	59.9	59.9	61.9	63.7	65.3	66.8	67.7	68.6
77.5°	52.4	52.6	52.6	50.8	50.6	52.6	54.4	55.7	56.8	57.7	58.4
80°	42.0	41.5	41.1	40.0	39.5	42.0	44.2	45.3	46.2	46.4	46.4
82.5°	32.2	31.3	30.2	27.7	28.0	30.6	33.1	34.0	34.9	34.9	34.9
85°	22.0	20.2	18.2	16.2	16.4	19.3	22.0	22.9	23.8	24.2	24.4
87.5°	10.4	8.7	6.7	5.1	5.1	7.5	9.8	10.2	10.7	11.5	12.4
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: P385889
 CATALOG NUMBER: GAW-SA1C-727-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: P385889
 CATALOG NUMBER: GAW-SA1C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5
2.5°	1582.9	1602.0	1621.8	1641.5	1664.2	1686.8	1713.2	1739.4	1761.8	1784.2	1802.9
5°	1331.6	1362.0	1397.8	1433.5	1479.0	1524.5	1580.2	1635.7	1685.2	1734.7	1792.2
7.5°	1054.8	1094.3	1141.0	1187.6	1246.4	1305.2	1377.4	1449.5	1519.4	1589.1	1677.5
10°	884.8	926.3	972.3	1018.0	1077.9	1137.6	1214.0	1290.1	1368.7	1447.1	1546.9
12.5°	795.6	841.5	881.9	922.3	970.9	1019.3	1093.2	1167.1	1259.5	1351.6	1447.7
15°	700.3	750.5	798.9	847.3	900.3	953.2	1025.1	1097.0	1198.0	1299.0	1409.5
17.5°	585.1	638.0	697.0	755.8	825.1	894.1	986.2	1078.4	1198.0	1317.4	1447.7
20°	465.0	519.0	589.6	660.2	746.3	832.2	951.6	1071.0	1232.2	1393.1	1559.4
22.5°	366.9	414.4	491.5	568.3	667.7	767.1	920.3	1073.3	1283.9	1494.3	1718.8
25°	297.4	331.0	406.7	482.1	596.9	711.7	901.2	1090.6	1359.2	1627.5	1905.9
27.5°	254.8	276.8	347.4	417.8	543.2	668.4	893.5	1118.3	1454.6	1790.9	2109.4
30°	233.5	248.8	308.5	368.0	495.4	622.9	884.1	1145.4	1546.5	1947.4	2268.6
32.5°	215.8	228.0	279.0	329.9	454.2	578.5	866.1	1153.6	1610.7	2067.7	2403.3
35°	200.7	210.9	255.3	299.7	421.8	543.8	836.0	1128.1	1650.8	2173.6	2543.6
37.5°	188.5	196.4	237.5	278.6	393.8	509.0	801.6	1094.1	1686.6	2279.0	2701.4
40°	178.9	185.8	224.2	262.6	367.1	471.7	772.0	1072.1	1735.9	2399.6	2868.1
42.5°	173.6	182.5	212.7	242.6	341.8	441.1	748.3	1055.5	1781.6	2507.4	3014.0
45°	172.3	184.9	206.7	228.4	323.0	417.5	727.2	1036.6	1811.1	2585.6	3123.9
47.5°	170.0	180.5	202.0	223.5	313.7	403.6	715.9	1028.0	1840.6	2653.1	3215.1
50°	171.4	172.7	198.2	223.5	312.3	401.1	728.7	1056.4	1904.6	2752.5	3319.4
52.5°	168.9	163.2	191.1	219.1	312.1	405.1	765.8	1126.5	2023.3	2919.9	3432.4
55°	156.0	148.5	177.8	207.1	307.4	407.5	810.0	1212.2	2182.7	3152.9	3635.5
57.5°	144.7	137.8	162.7	187.3	293.2	399.1	855.5	1311.7	2351.2	3390.5	3864.4
60°	129.6	128.1	145.8	163.6	271.3	378.7	893.0	1407.1	2464.4	3521.4	3952.5
62.5°	117.2	118.1	131.2	144.3	243.7	343.0	905.4	1467.7	2461.3	3454.8	3863.7
65°	107.7	109.2	122.1	135.0	220.2	305.4	864.6	1423.5	2336.7	3249.7	3688.1
67.5°	98.3	100.1	115.4	130.5	199.3	267.9	762.5	1256.8	2112.8	2968.5	3464.8
70°	89.5	91.7	108.3	125.0	184.2	243.3	630.9	1018.4	1832.4	2646.2	3206.2
72.5°	79.9	82.1	99.9	117.6	174.7	231.5	514.3	796.9	1487.0	2176.9	2742.5
75°	70.1	71.7	91.0	110.1	161.6	213.1	403.6	593.8	1138.1	1682.4	2071.5
77.5°	60.4	62.4	78.6	94.6	137.2	179.6	304.1	428.6	835.1	1241.3	1440.6
80°	48.2	49.9	61.5	72.8	105.9	138.7	209.1	279.5	574.7	869.9	982.2
82.5°	36.8	38.8	46.6	54.2	75.5	96.8	126.7	156.7	381.8	606.7	616.0
85°	25.3	26.0	31.5	36.8	46.6	56.4	72.6	88.8	252.6	416.4	346.9
87.5°	12.7	12.7	16.4	20.2	25.1	30.0	38.4	46.6	80.8	115.0	66.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385889
 CATALOG NUMBER: GAW-SA1C-727-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: P385889

CATALOG NUMBER: GAW-SA1C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5
2.5°	1826.6	1842.8	1859.3	1871.7	1884.4	1902.6	1920.8	1924.1	1927.6	1920.5	1913.4
5°	1850.2	1899.2	1948.5	1994.0	2039.5	2066.8	2094.1	2099.7	2105.2	2088.1	2070.8
7.5°	1762.9	1848.4	1933.9	2012.2	2090.6	2138.1	2185.8	2196.5	2207.3	2179.4	2151.4
10°	1646.4	1751.4	1856.4	1959.6	2062.8	2131.9	2200.9	2214.7	2228.4	2193.6	2158.7
12.5°	1556.3	1668.4	1780.5	1889.2	1998.2	2069.7	2141.2	2158.3	2175.4	2150.1	2124.5
15°	1528.5	1634.0	1739.4	1834.2	1929.2	1987.6	2046.2	2053.1	2060.2	2056.2	2052.2
17.5°	1578.9	1674.1	1769.6	1821.1	1872.8	1896.1	1919.6	1927.2	1935.0	1945.0	1955.2
20°	1701.0	1768.0	1835.3	1833.1	1830.6	1819.3	1807.8	1805.8	1803.8	1832.4	1861.3
22.5°	1883.2	1909.9	1936.7	1874.4	1812.0	1774.0	1735.9	1728.3	1720.5	1750.9	1781.6
25°	2081.0	2076.1	2071.0	1952.3	1833.3	1760.9	1688.6	1680.1	1671.7	1697.7	1723.9
27.5°	2276.8	2244.8	2212.9	2051.5	1890.1	1785.1	1680.1	1671.7	1663.3	1686.3	1709.4
30°	2420.4	2369.1	2317.9	2135.2	1952.5	1827.7	1703.0	1689.2	1675.3	1703.7	1732.1
32.5°	2532.5	2463.7	2394.9	2203.1	2011.3	1876.4	1741.4	1719.9	1698.3	1736.3	1774.3
35°	2644.4	2547.6	2450.6	2263.7	2076.6	1933.9	1790.9	1764.5	1738.1	1790.2	1842.4
37.5°	2785.1	2646.2	2507.0	2331.9	2156.7	2020.0	1883.0	1855.9	1828.9	1895.2	1961.8
40°	2937.8	2752.5	2567.1	2406.4	2245.7	2139.2	2032.4	2006.7	1980.7	2061.5	2142.3
42.5°	3064.8	2851.5	2638.2	2496.3	2354.3	2279.2	2204.0	2203.8	2203.3	2285.2	2367.1
45°	3168.0	2934.1	2699.9	2584.0	2467.9	2428.9	2389.8	2421.1	2452.4	2526.3	2600.4
47.5°	3245.1	3003.3	2761.4	2684.4	2607.3	2613.1	2618.9	2682.6	2746.3	2793.8	2841.5
50°	3295.2	3066.2	2836.9	2813.1	2789.3	2841.1	2893.0	2966.0	3039.3	3071.7	3104.1
52.5°	3368.3	3151.4	2934.3	2960.9	2987.6	3093.2	3198.9	3272.8	3346.7	3358.7	3370.9
55°	3537.2	3308.1	3078.8	3129.9	3181.1	3336.1	3491.2	3548.9	3606.7	3611.1	3615.5
57.5°	3777.1	3527.6	3278.1	3333.2	3388.2	3567.2	3746.3	3808.4	3870.8	3862.2	3853.3
60°	3956.7	3736.1	3515.2	3570.7	3626.2	3800.7	3975.1	4046.6	4118.3	4099.2	4080.1
62.5°	3967.8	3849.9	3731.9	3782.0	3832.4	4003.3	4174.3	4247.7	4321.2	4287.9	4254.6
65°	3791.3	3844.2	3897.0	3913.7	3930.3	4089.7	4249.3	4305.4	4361.8	4345.0	4328.1
67.5°	3548.3	3743.0	3937.8	3904.3	3870.8	3945.6	4020.4	4078.4	4136.3	4126.8	4117.0
70°	3305.7	3565.6	3825.5	3660.8	3495.9	3465.0	3434.2	3496.6	3559.2	3520.5	3481.7
72.5°	2892.6	3169.6	3446.8	3143.4	2840.0	2734.5	2629.1	2708.3	2787.6	2726.1	2664.4
75°	2270.6	2576.7	2883.0	2521.0	2158.9	2018.2	1877.5	1945.6	2013.8	1971.6	1929.2
77.5°	1690.3	1992.0	2293.7	1925.6	1557.4	1452.8	1348.1	1368.3	1388.7	1381.6	1374.3
80°	1146.5	1356.7	1567.1	1322.1	1077.0	1085.0	1093.2	1083.7	1073.9	1088.1	1102.3
82.5°	731.6	893.9	1056.4	926.3	796.2	870.8	945.4	908.8	871.9	885.5	899.2
85°	417.5	576.2	735.2	685.2	635.1	678.6	722.3	665.5	608.7	633.5	658.6
87.5°	110.1	318.8	527.6	479.0	430.4	374.0	317.6	242.4	167.1	244.2	321.2
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: P385889
 CATALOG NUMBER: GAW-SA1C-727-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



REPORT NUMBER: P385889

CATALOG NUMBER: GAW-SA1C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5
2.5°	1909.7	1905.9	1892.3	1878.6	1858.2	1841.3	1812.0
5°	2046.8	2022.9	1981.6	1940.1	1893.9	1840.8	1782.0
7.5°	2095.5	2039.3	1960.0	1880.6	1809.1	1725.2	1647.1
10°	2074.8	1990.7	1887.7	1784.5	1697.7	1601.1	1514.3
12.5°	2035.3	1945.8	1832.4	1718.8	1620.0	1516.3	1419.1
15°	1980.9	1909.4	1803.1	1696.8	1597.3	1496.6	1381.4
17.5°	1921.4	1887.5	1810.7	1733.6	1647.5	1549.8	1414.7
20°	1873.5	1885.9	1855.3	1824.6	1755.6	1670.4	1518.5
22.5°	1841.1	1900.8	1924.3	1948.1	1906.5	1840.0	1664.4
25°	1822.9	1921.9	2000.7	2079.7	2061.3	2010.0	1841.5
27.5°	1830.9	1952.3	2074.6	2197.1	2214.2	2200.0	2028.2
30°	1854.8	1977.8	2126.7	2275.9	2344.1	2363.2	2183.8
32.5°	1894.8	2015.3	2177.6	2340.1	2443.1	2503.9	2326.1
35°	1955.2	2067.9	2237.1	2406.2	2539.4	2650.4	2473.0
37.5°	2058.8	2155.8	2311.9	2468.1	2640.8	2807.5	2634.9
40°	2210.7	2279.2	2411.1	2543.2	2760.5	2985.6	2815.3
42.5°	2402.2	2437.5	2542.1	2646.6	2885.5	3147.2	2991.8
45°	2609.8	2619.1	2684.8	2750.7	2984.5	3257.3	3124.3
47.5°	2809.5	2777.6	2803.8	2830.0	3060.4	3335.9	3224.9
50°	3015.1	2926.1	2912.3	2898.6	3136.3	3428.4	3352.7
52.5°	3224.2	3077.5	3023.1	2968.5	3226.9	3551.2	3511.9
55°	3428.9	3242.2	3168.9	3095.7	3365.4	3701.0	3745.6
57.5°	3641.7	3430.2	3362.3	3294.3	3568.9	3890.8	3955.4
60°	3870.8	3661.3	3606.9	3552.3	3822.0	4095.9	4048.8
62.5°	4088.1	3921.6	3893.0	3864.2	4077.9	4253.5	4012.4
65°	4233.3	4138.3	4164.9	4191.8	4271.5	4292.8	3905.9
67.5°	4136.3	4155.6	4268.1	4380.9	4326.1	4176.0	3695.9
70°	3597.3	3713.2	3979.8	4246.6	4125.0	3863.3	3319.0
72.5°	2794.5	2924.8	3320.5	3716.5	3604.4	3283.9	2726.1
75°	2076.1	2223.3	2660.2	3097.0	2941.4	2456.4	1951.8
77.5°	1472.8	1571.4	2002.7	2434.2	2180.5	1635.1	1313.4
80°	1072.1	1042.0	1282.4	1522.8	1480.6	1081.5	843.5
82.5°	825.5	751.8	865.0	978.2	972.0	750.5	618.9
85°	629.1	599.6	699.7	799.8	714.1	508.3	393.3
87.5°	366.7	412.4	530.3	648.4	486.6	154.3	76.4
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: P385889
 CATALOG NUMBER: GAW-SA1C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)