

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: P320603

Luminaire Tested: **GAN-SA9B-730-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320603
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-SA9B-730-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 70 CRI, 3000K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 40887 lumens
Efficiency: N/A
Efficacy: 109.3 lumens/watt
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

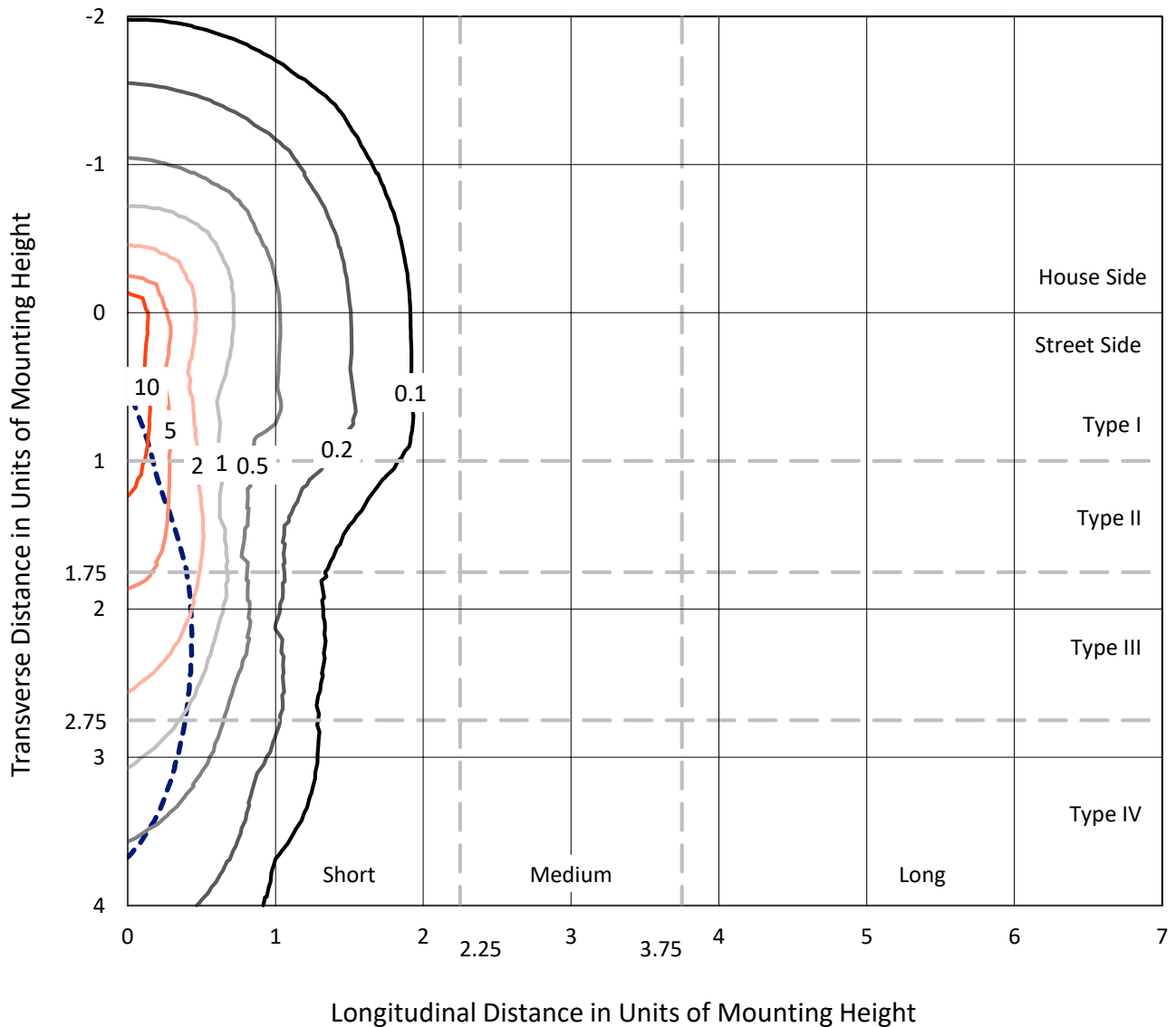
Input Watts (W): 374
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

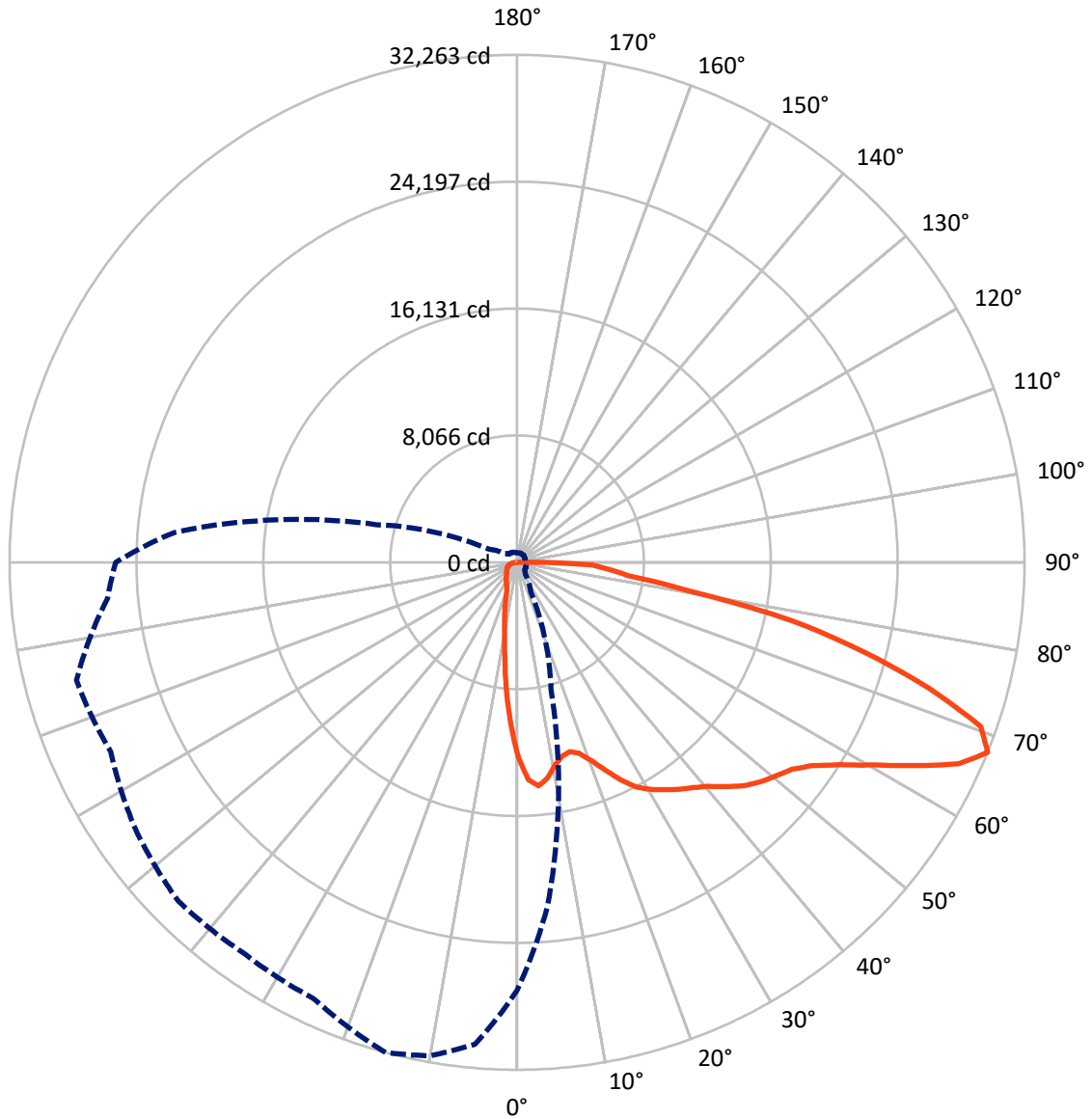
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 19.9 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	7068.5	0.0	7068.5
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	33818.5	0.0	33818.5
	% Fixture	82.7	0.0	82.7
Total	Lumens	40887.0	0.0	40887.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	961.4	2.4
10°-20°	1997.1	4.9
20°-30°	2840.3	6.9
30°-40°	4092.9	10.0
40°-50°	5768.1	14.1
50°-60°	8018.7	19.6
60°-70°	9696.9	23.7
70°-80°	5960.5	14.6
80°-90°	1551.0	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°	40887.0	100.0
0°-180°	40887.0	100.0

Coefficient of Utilization

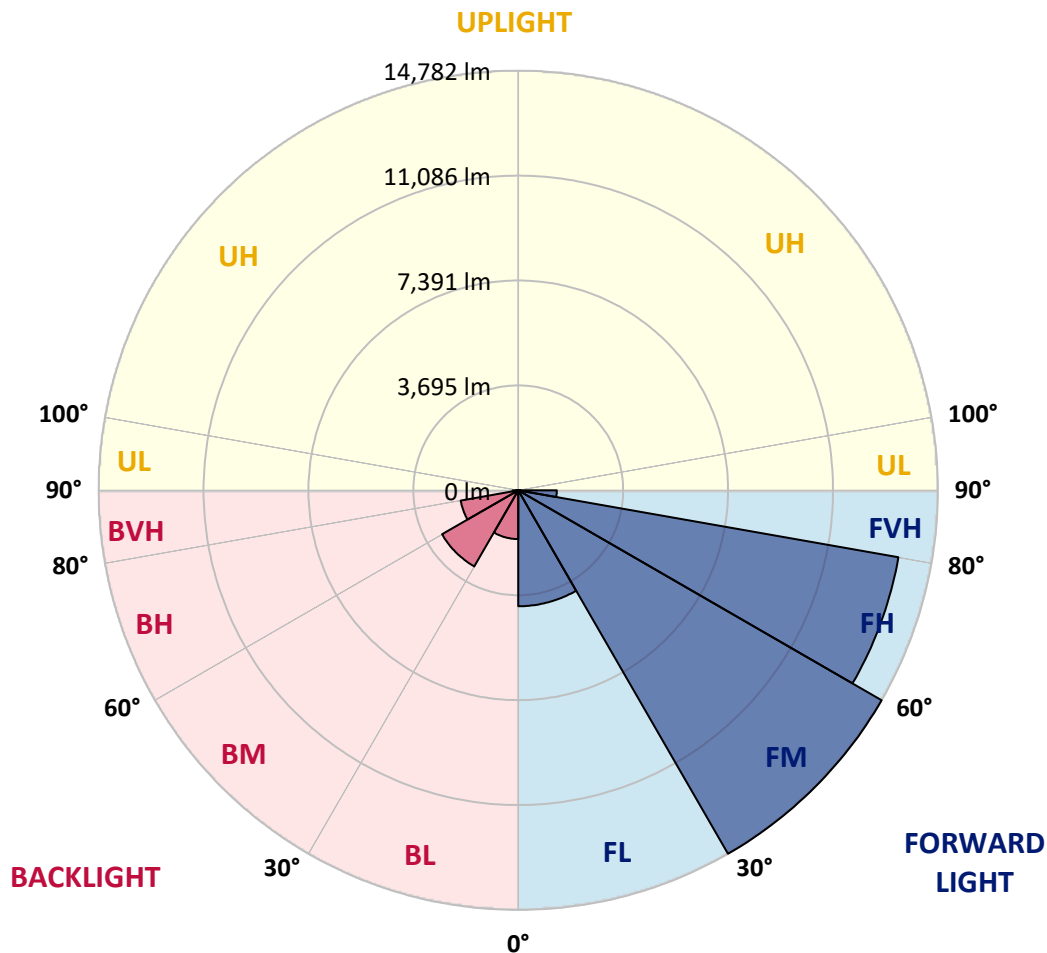


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4082.7	10.0			
FM (30°-60°)	14781.7	36.2			
FH (60°-80°)	13597.6	33.3			G5
FVH (80°-90°)	1356.6	3.3			G5
BL (0°-30°)	1716.2	4.2	B3/2500		
BM (30°-60°)	3098.0	7.6	B3/5000		
BH (60°-80°)	2059.9	5.0	B3/2500		G3/2500
BVH (80°-90°)	194.4	0.5			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5
 Type IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5
2.5°	13344.2	13226.5	13048.3	12870.1	12737.7	12603.6	12451.6	12299.6	12126.3	11951.4	11848.4
5°	13123.5	12796.5	12371.5	11946.5	11665.3	11384.1	11065.4	10746.6	10431.1	10115.6	9945.6
7.5°	12129.6	11639.2	11086.6	10534.1	10125.4	9715.1	9273.7	8830.7	8438.4	8044.4	7800.8
10°	11152.0	10563.5	9929.2	9293.3	8770.2	8247.1	7804.1	7359.5	7063.6	6767.7	6543.8
12.5°	10450.7	9798.5	9100.4	8400.8	7877.7	7354.6	7073.4	6792.2	6547.0	6301.8	6043.5
15°	10172.8	9435.6	8721.2	8005.2	7529.5	7053.8	6741.6	6427.7	6099.1	5768.9	5451.8
17.5°	10418.0	9554.9	8778.4	8001.9	7379.1	6756.3	6319.8	5881.7	5448.5	5015.3	4647.5
20°	11183.1	10081.3	9066.1	8049.3	7220.5	6391.7	5806.5	5219.6	4663.8	4108.0	3691.2
22.5°	12257.1	10798.9	9473.2	8147.4	7076.7	6004.3	5270.3	4534.7	3877.5	3220.4	2811.7
25°	13561.6	11750.3	10060.0	8368.1	7017.8	5665.9	4763.6	3861.2	3168.1	2473.3	2182.3
27.5°	14936.4	12884.8	10789.1	8691.8	7027.6	5363.5	4336.9	3308.7	2684.2	2059.7	1860.3
30°	16082.3	14181.1	11639.2	9095.5	7065.2	5034.9	3934.8	2834.6	2319.7	1804.7	1675.6
32.5°	17130.2	15085.1	12280.0	9473.2	7107.7	4740.7	3624.2	2506.0	2085.9	1664.1	1557.9
35°	18212.3	15887.8	12727.9	9566.3	7034.2	4500.4	3411.6	2322.9	1935.5	1546.4	1456.5
37.5°	19404.0	16755.8	13159.4	9561.4	6909.9	4258.4	3246.5	2233.0	1837.4	1440.2	1374.8
40°	20733.1	17715.4	13627.0	9538.5	6797.1	4054.1	3123.9	2192.1	1783.5	1373.2	1317.6
42.5°	22032.7	18630.8	14061.8	9492.8	6705.6	3916.8	3003.0	2089.2	1734.4	1378.1	1299.6
45°	23008.6	19430.2	14439.4	9447.0	6636.9	3826.9	2908.2	1989.4	1688.7	1387.9	1288.2
47.5°	23749.1	20232.8	14857.9	9481.3	6630.4	3779.5	2841.1	1902.8	1602.0	1299.6	1258.7
50°	24690.7	21197.3	15467.6	9738.0	6720.3	3702.6	2762.7	1821.1	1518.6	1216.2	1271.8
52.5°	25862.8	22573.7	16412.5	10249.6	6908.3	3566.9	2638.4	1709.9	1417.3	1123.0	1209.7
55°	27584.1	24337.6	17620.6	10901.9	7135.5	3367.5	2450.4	1531.7	1283.2	1033.1	1110.0
57.5°	29128.9	26119.4	18779.6	11438.1	7277.7	3115.8	2213.4	1311.0	1132.9	954.7	998.8
60°	29817.2	27038.1	19322.3	11604.8	7192.7	2780.6	1946.9	1111.6	1000.4	889.3	881.1
62.5°	29549.1	26454.5	18787.7	11120.9	6777.5	2434.1	1711.5	989.0	905.6	820.6	802.6
65°	28764.4	24620.4	17290.4	9960.3	6076.2	2192.1	1562.8	933.4	840.2	747.1	727.4
67.5°	27218.0	22009.8	15168.5	8327.2	5185.3	2043.4	1477.8	912.2	799.4	684.9	662.1
70°	24442.2	18867.8	12724.6	6579.7	4266.6	1951.8	1422.2	892.6	755.2	616.3	595.0
72.5°	20075.9	15127.6	10161.4	5193.5	3566.9	1940.4	1415.7	890.9	719.3	547.6	528.0
75°	14374.0	11490.4	7756.7	4021.4	2921.2	1821.1	1343.7	866.4	670.2	472.4	454.5
77.5°	9672.6	7952.9	5391.3	2828.1	2167.6	1507.2	1129.6	752.0	573.8	395.6	377.6
80°	6211.9	5504.1	3612.7	1721.4	1405.9	1090.4	807.5	524.7	418.5	310.6	295.9
82.5°	4557.6	4096.6	2510.9	925.2	781.4	635.9	493.7	351.5	286.1	220.7	214.1
85°	2896.7	3194.2	1848.9	503.5	411.9	320.4	264.8	209.2	165.1	121.0	121.0
87.5°	562.3	778.1	511.7	243.6	178.2	112.8	96.4	78.5	44.1	8.2	9.8
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):

	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°	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5
2.5°	11743.8	11631.0	11518.2	11390.7	11261.5	11142.2	11021.2	10888.8	10913.3	10812.0	10710.6
5°	9775.6	9595.8	9414.3	9257.4	9100.4	8964.8	8827.4	8704.8	8811.1	8739.2	8667.2
7.5°	7555.6	7333.3	7109.4	6921.4	6733.4	6587.9	6440.8	6339.4	6444.0	6431.0	6417.9
10°	6319.8	6104.0	5886.6	5679.0	5471.4	5294.8	5116.6	4966.3	4940.1	4864.9	4788.1
12.5°	5783.6	5487.7	5190.2	4972.8	4755.4	4544.5	4333.6	4157.1	4077.0	3952.7	3826.9
15°	5134.6	4784.8	4435.0	4188.1	3939.7	3735.3	3529.3	3377.3	3326.6	3230.2	3133.7
17.5°	4279.7	3897.2	3514.6	3264.5	3012.8	2849.3	2684.2	2582.8	2582.8	2555.1	2527.3
20°	3274.3	2932.7	2591.0	2399.8	2208.5	2121.9	2033.6	1991.1	2004.2	2005.8	2005.8
22.5°	2401.4	2192.1	1982.9	1906.1	1827.6	1796.5	1765.5	1747.5	1754.0	1755.7	1757.3
25°	1891.4	1811.3	1729.5	1690.3	1649.4	1629.8	1610.2	1603.7	1618.4	1620.0	1620.0
27.5°	1660.9	1611.8	1561.2	1536.6	1510.5	1502.3	1494.1	1482.7	1497.4	1497.4	1495.8
30°	1544.8	1492.5	1440.2	1409.1	1378.1	1381.3	1383.0	1379.7	1389.5	1396.0	1400.9
32.5°	1450.0	1399.3	1348.6	1317.6	1284.9	1280.0	1275.1	1271.8	1293.1	1304.5	1315.9
35°	1365.0	1309.4	1253.8	1224.4	1195.0	1183.5	1172.1	1163.9	1183.5	1198.2	1213.0
37.5°	1307.8	1250.6	1191.7	1163.9	1134.5	1119.8	1105.1	1095.3	1103.4	1110.0	1116.5
40°	1262.0	1203.1	1142.7	1110.0	1077.3	1062.6	1047.9	1039.7	1044.6	1046.2	1047.9
42.5°	1219.5	1162.3	1105.1	1069.1	1031.5	1013.5	995.5	985.7	989.0	992.3	993.9
45°	1188.4	1131.2	1072.4	1029.9	985.7	966.1	946.5	935.1	936.7	936.7	936.7
47.5°	1217.9	1134.5	1049.5	1000.4	949.8	926.9	904.0	892.6	889.3	886.0	882.7
50°	1325.8	1183.5	1039.7	977.6	913.8	889.3	863.1	850.1	841.9	838.6	835.3
52.5°	1294.7	1172.1	1047.9	967.7	886.0	856.6	827.2	805.9	797.7	792.8	787.9
55°	1185.2	1108.3	1029.9	933.4	837.0	810.8	783.0	768.3	753.6	750.3	747.1
57.5°	1041.3	1010.3	979.2	881.1	783.0	758.5	732.4	722.5	709.5	709.5	707.8
60°	871.3	917.1	962.8	850.1	735.6	707.8	680.0	671.9	667.0	665.3	663.7
62.5°	783.0	858.2	931.8	812.5	691.5	662.1	632.6	622.8	621.2	622.8	622.8
65°	707.8	730.7	753.6	698.0	642.4	613.0	582.0	572.1	575.4	580.3	585.2
67.5°	639.2	634.3	629.4	609.7	588.5	564.0	537.8	528.0	529.6	536.2	542.7
70°	573.8	567.2	559.1	544.4	529.6	508.4	487.1	480.6	479.0	487.1	493.7
72.5°	508.4	500.2	490.4	479.0	465.9	447.9	429.9	425.0	426.7	431.6	436.5
75°	436.5	429.9	421.8	411.9	400.5	384.2	367.8	364.5	367.8	372.7	377.6
77.5°	358.0	356.4	353.1	344.9	336.8	318.8	299.2	297.5	302.4	307.3	310.6
80°	279.5	281.2	282.8	276.3	269.7	250.1	228.9	227.2	232.1	237.0	241.9
82.5°	206.0	210.9	214.1	206.0	197.8	174.9	152.0	148.8	165.1	170.0	174.9
85°	119.3	125.9	132.4	125.9	119.3	96.4	73.6	71.9	86.6	94.8	103.0
87.5°	9.8	13.1	16.3	14.7	13.1	6.5	0.0	0.0	1.6	8.2	14.7
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: P320603
 CATALOG NUMBER: GAN-SA9B-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: P320603

CATALOG NUMBER: GAN-SA9B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5
2.5°	10646.9	10583.1	10563.5	10543.9	10472.0	10398.4	10473.6	10547.2	10578.2	10609.3	10529.2
5°	8657.4	8646.0	8646.0	8644.4	8579.0	8511.9	8562.6	8611.7	8502.1	8392.6	8381.2
7.5°	6488.2	6558.5	6615.7	6671.3	6650.0	6628.8	6676.2	6723.6	6584.6	6444.0	6375.4
10°	4804.4	4819.1	4881.3	4943.4	4958.1	4971.2	5030.0	5087.2	4979.3	4871.4	4824.0
12.5°	3748.4	3669.9	3678.1	3684.6	3714.1	3741.9	3804.0	3864.5	3820.3	3774.6	3779.5
15°	3035.7	2935.9	2895.1	2852.6	2885.3	2918.0	2962.1	3004.6	3006.2	3006.2	3048.7
17.5°	2478.2	2427.5	2386.7	2344.2	2388.3	2430.8	2435.7	2440.6	2442.3	2443.9	2440.6
20°	2030.3	2054.8	2041.8	2028.7	2045.0	2059.7	2072.8	2084.3	2069.5	2053.2	2012.3
22.5°	1780.2	1801.5	1817.8	1832.5	1860.3	1886.5	1873.4	1858.7	1829.2	1798.2	1767.1
25°	1634.7	1649.4	1665.8	1682.1	1705.0	1726.3	1703.4	1680.5	1659.2	1638.0	1616.7
27.5°	1512.1	1526.8	1541.5	1554.6	1575.9	1595.5	1574.2	1553.0	1535.0	1517.0	1500.7
30°	1412.4	1422.2	1433.6	1445.1	1464.7	1482.7	1464.7	1445.1	1432.0	1417.3	1405.9
32.5°	1327.4	1337.2	1342.1	1347.0	1365.0	1383.0	1369.9	1356.8	1345.4	1333.9	1325.8
35°	1234.2	1253.8	1257.1	1260.4	1278.3	1296.3	1288.2	1278.3	1265.3	1252.2	1237.5
37.5°	1139.4	1162.3	1175.4	1186.8	1204.8	1222.8	1214.6	1206.4	1188.4	1170.5	1144.3
40°	1059.3	1069.1	1093.6	1116.5	1145.9	1173.7	1157.4	1139.4	1111.6	1083.8	1070.7
42.5°	992.3	990.6	1013.5	1036.4	1080.5	1123.0	1093.6	1064.2	1038.0	1011.9	1008.6
45°	933.4	928.5	940.0	951.4	998.8	1044.6	1015.2	984.1	969.4	954.7	954.7
47.5°	881.1	877.8	886.0	892.6	922.0	949.8	935.1	920.3	912.2	904.0	905.6
50°	833.7	830.4	838.6	845.1	856.6	866.4	869.7	871.3	866.4	861.5	864.8
52.5°	789.6	789.6	792.8	794.5	809.2	823.9	823.9	822.3	822.3	822.3	825.5
55°	752.0	755.2	755.2	755.2	778.1	799.4	792.8	786.3	787.9	787.9	791.2
57.5°	714.4	719.3	722.5	725.8	748.7	771.6	765.0	758.5	758.5	758.5	760.1
60°	671.9	678.4	684.9	691.5	714.4	737.3	730.7	722.5	724.2	725.8	727.4
62.5°	631.0	637.5	644.1	650.6	673.5	696.4	689.8	681.7	686.6	689.8	689.8
65°	591.8	596.7	603.2	609.7	631.0	652.3	645.7	639.2	645.7	650.6	653.9
67.5°	547.6	550.9	557.4	564.0	585.2	606.5	599.9	591.8	599.9	606.5	613.0
70°	497.0	500.2	508.4	514.9	536.2	557.4	549.3	541.1	549.3	557.4	564.0
72.5°	441.4	444.6	452.8	459.4	483.9	508.4	498.6	488.8	498.6	508.4	511.7
75°	380.9	384.2	394.0	402.1	426.7	451.2	443.0	433.2	441.4	449.5	451.2
77.5°	315.5	320.4	333.5	346.6	366.2	385.8	380.9	376.0	380.9	385.8	385.8
80°	246.8	251.7	268.1	282.8	294.2	305.7	307.3	309.0	310.6	312.2	310.6
82.5°	183.1	189.6	204.3	219.1	219.1	219.1	232.1	243.6	243.6	241.9	240.3
85°	112.8	121.0	134.0	147.1	139.0	130.8	152.0	171.6	171.6	170.0	166.7
87.5°	22.9	31.1	44.1	55.6	47.4	39.2	60.5	81.7	83.4	83.4	80.1
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: P320603
 CATALOG NUMBER: GAN-SA9B-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: P320603

CATALOG NUMBER: GAN-SA9B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5
2.5°	10447.4	10575.0	10700.8	10733.5	10782.6	10803.8	10823.4	10983.6	11142.2	11328.6	11514.9
5°	8368.1	8462.9	8557.7	8572.4	8623.1	8649.3	8675.4	8869.9	9062.8	9322.8	9582.7
7.5°	6306.7	6329.6	6352.5	6349.2	6391.7	6448.9	6504.5	6712.1	6918.1	7197.6	7475.5
10°	4776.6	4828.9	4879.6	4927.0	5020.2	5128.1	5234.3	5446.9	5659.4	5935.6	6210.3
12.5°	3784.4	3844.8	3903.7	3956.0	4063.9	4207.7	4350.0	4605.0	4860.0	5190.2	5518.8
15°	3089.6	3084.7	3079.8	3115.8	3210.6	3367.5	3522.8	3792.5	4062.3	4425.2	4786.4
17.5°	2437.4	2412.8	2388.3	2416.1	2504.4	2633.5	2761.0	2989.9	3217.1	3568.6	3920.0
20°	1971.5	1955.1	1938.8	1964.9	2020.5	2074.4	2128.4	2293.5	2457.0	2743.0	3027.5
22.5°	1734.4	1732.8	1729.5	1744.2	1770.4	1798.2	1824.3	1904.4	1982.9	2167.6	2350.7
25°	1595.5	1593.8	1592.2	1598.7	1620.0	1641.3	1662.5	1714.8	1767.1	1855.4	1943.7
27.5°	1484.3	1481.0	1477.8	1479.4	1484.3	1517.0	1548.1	1572.6	1595.5	1656.0	1714.8
30°	1394.4	1392.8	1391.1	1391.1	1386.2	1397.7	1409.1	1446.7	1482.7	1544.8	1606.9
32.5°	1317.6	1309.4	1301.2	1283.2	1271.8	1288.2	1304.5	1343.7	1383.0	1440.2	1497.4
35°	1221.1	1199.9	1177.0	1167.2	1168.8	1185.2	1201.5	1240.7	1278.3	1340.5	1400.9
37.5°	1116.5	1110.0	1101.8	1100.2	1105.1	1121.4	1137.8	1172.1	1204.8	1266.9	1327.4
40°	1057.7	1054.4	1051.1	1047.9	1051.1	1067.5	1083.8	1116.5	1147.6	1208.1	1266.9
42.5°	1005.3	1003.7	1002.1	1002.1	1003.7	1021.7	1039.7	1072.4	1103.4	1157.4	1211.3
45°	954.7	956.3	956.3	959.6	964.5	982.5	998.8	1034.8	1070.7	1123.0	1175.4
47.5°	907.3	912.2	915.4	923.6	928.5	948.1	966.1	1005.3	1044.6	1110.0	1173.7
50°	866.4	871.3	874.6	881.1	894.2	917.1	940.0	987.4	1033.1	1142.7	1250.6
52.5°	828.8	833.7	838.6	845.1	861.5	887.6	913.8	972.7	1029.9	1157.4	1284.9
55°	794.5	799.4	802.6	812.5	828.8	851.7	872.9	944.9	1016.8	1110.0	1203.1
57.5°	761.8	766.7	769.9	776.5	784.7	809.2	832.1	908.9	985.7	1051.1	1114.9
60°	727.4	730.7	732.4	732.4	738.9	766.7	794.5	892.6	989.0	977.6	964.5
62.5°	689.8	693.1	694.8	689.8	698.0	727.4	756.9	884.4	1011.9	933.4	855.0
65°	655.5	653.9	652.3	647.3	657.2	686.6	714.4	778.1	841.9	810.8	779.8
67.5°	617.9	613.0	608.1	601.6	611.4	637.5	662.1	683.3	704.6	707.8	711.1
70°	570.5	564.0	557.4	555.8	560.7	582.0	603.2	617.9	631.0	637.5	642.4
72.5°	514.9	510.0	505.1	501.9	503.5	521.5	537.8	550.9	564.0	568.9	572.1
75°	452.8	452.8	451.2	441.4	441.4	456.1	469.2	480.6	492.0	498.6	505.1
77.5°	385.8	387.4	387.4	374.3	372.7	387.4	400.5	410.3	418.5	425.0	429.9
80°	309.0	305.7	302.4	294.2	291.0	309.0	325.3	333.5	340.0	341.7	341.7
82.5°	237.0	230.5	222.3	204.3	206.0	225.6	243.6	250.1	256.6	256.6	256.6
85°	161.8	148.8	134.0	119.3	121.0	142.2	161.8	168.4	174.9	178.2	179.8
87.5°	76.8	63.8	49.0	37.6	37.6	55.6	71.9	75.2	78.5	85.0	91.5
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: P320603
 CATALOG NUMBER: GAN-SA9B-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: P320603

CATALOG NUMBER: GAN-SA9B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5
2.5°	11657.1	11797.7	11943.2	12088.7	12255.4	12422.2	12616.7	12809.6	12974.7	13139.8	13277.1
5°	9806.6	10030.6	10293.8	10557.0	10892.1	11227.2	11637.5	12046.2	12410.7	12775.3	13198.7
7.5°	7768.2	8059.1	8402.4	8745.7	9178.9	9612.1	10143.4	10674.7	11189.6	11702.9	12353.5
10°	6516.0	6821.7	7160.0	7496.8	7938.2	8377.9	8940.2	9500.9	10079.6	10656.7	11392.3
12.5°	5858.8	6197.2	6494.7	6792.2	7150.2	7506.6	8051.0	8595.3	9275.4	9953.8	10661.6
15°	5157.5	5527.0	5883.3	6239.7	6630.4	7019.5	7549.1	8078.7	8822.5	9566.3	10380.4
17.5°	4309.1	4698.2	5133.0	5566.2	6076.2	6584.6	7263.0	7941.4	8822.5	9702.0	10661.6
20°	3424.7	3822.0	4341.8	4861.6	5495.9	6128.5	7008.0	7887.5	9074.3	10259.5	11483.9
22.5°	2702.2	3052.0	3619.3	4184.9	4917.2	5649.6	6777.5	7903.8	9455.2	11004.9	12657.6
25°	2190.5	2437.4	2994.8	3550.6	4395.7	5240.9	6636.9	8031.3	10009.3	11985.7	14035.6
27.5°	1876.6	2038.5	2558.3	3076.5	4000.1	4922.1	6579.7	8235.7	10712.3	13188.9	15534.7
30°	1719.7	1832.5	2272.3	2710.4	3648.7	4587.0	6511.1	8435.1	11389.0	14341.3	16706.8
32.5°	1588.9	1678.8	2054.8	2429.2	3344.6	4260.1	6378.6	8495.6	11861.5	15227.3	17699.0
35°	1477.8	1553.0	1879.9	2206.9	3106.0	4005.0	6156.3	8307.6	12157.4	16007.1	18732.2
37.5°	1387.9	1446.7	1749.1	2051.6	2900.0	3748.4	5902.9	8057.5	12420.5	16783.6	19894.4
40°	1317.6	1368.3	1651.1	1933.9	2703.8	3473.8	5685.5	7895.7	12783.5	17671.2	21122.1
42.5°	1278.3	1343.7	1566.1	1786.7	2517.5	3248.2	5510.6	7773.1	13120.2	18465.7	22196.1
45°	1268.5	1361.7	1521.9	1682.1	2378.5	3074.9	5355.3	7634.1	13337.6	19041.1	23005.3
47.5°	1252.2	1329.0	1487.6	1646.2	2309.8	2971.9	5271.9	7570.4	13555.0	19538.1	23677.2
50°	1262.0	1271.8	1459.8	1646.2	2300.0	2953.9	5366.8	7779.6	14025.8	20270.4	24445.5
52.5°	1244.0	1201.5	1407.5	1613.5	2298.4	2983.3	5639.8	8296.2	14900.4	21503.0	25277.6
55°	1149.2	1093.6	1309.4	1525.2	2264.1	3001.3	5965.1	8927.2	16074.1	23219.5	26773.3
57.5°	1065.8	1015.2	1198.2	1379.7	2159.5	2939.2	6300.2	9659.5	17314.9	24968.6	28458.7
60°	954.7	943.2	1074.0	1204.8	1997.6	2788.8	6576.4	10362.4	18148.6	25933.1	29107.7
62.5°	863.1	869.7	966.1	1062.6	1794.9	2525.6	6668.0	10808.7	18125.7	25442.7	28453.8
65°	792.8	804.3	899.1	993.9	1621.6	2249.4	6367.2	10483.4	17208.6	23932.2	27160.7
67.5°	724.2	737.3	850.1	961.2	1468.0	1973.1	5615.2	9255.7	15559.2	21861.0	25516.2
70°	658.8	675.1	797.7	920.3	1356.8	1791.6	4645.9	7500.1	13494.6	19487.4	23611.8
72.5°	588.5	604.8	735.6	866.4	1286.5	1705.0	3787.6	5868.6	10950.9	16031.6	20196.9
75°	516.6	528.0	670.2	810.8	1190.1	1569.3	2971.9	4372.9	8381.2	12389.5	15255.1
77.5°	444.6	459.4	578.7	696.4	1010.3	1322.5	2239.6	3156.6	6149.8	9141.3	10609.3
80°	354.7	367.8	452.8	536.2	779.8	1021.7	1539.9	2058.1	4232.3	6406.4	7233.6
82.5°	271.4	286.1	343.3	398.9	555.8	712.7	933.4	1154.1	2811.7	4467.7	4536.3
85°	186.4	191.3	232.1	271.4	343.3	415.2	534.6	653.9	1860.3	3066.7	2555.1
87.5°	93.2	93.2	121.0	148.8	184.7	220.7	282.8	343.3	595.0	846.8	487.1
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: P320603
 CATALOG NUMBER: GAN-SA9B-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: P320603

CATALOG NUMBER: GAN-SA9B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5
2.5°	13452.0	13571.4	13692.4	13783.9	13877.1	14011.1	14145.2	14169.7	14195.8	14143.5	14091.2
5°	13625.3	13986.6	14349.5	14684.6	15019.7	15220.8	15421.9	15462.7	15503.6	15377.7	15250.2
7.5°	12982.9	13612.2	14241.6	14818.7	15395.7	15745.5	16097.0	16175.5	16255.6	16049.6	15843.6
10°	12124.7	12897.9	13671.1	14431.2	15191.4	15699.8	16208.2	16309.5	16410.9	16154.2	15897.6
12.5°	11461.0	12286.5	13112.0	13913.0	14715.7	15242.1	15768.4	15894.3	16020.2	15833.8	15645.8
15°	11256.6	12033.1	12809.6	13507.6	14207.3	14637.2	15068.8	15119.5	15171.8	15142.3	15112.9
17.5°	11627.7	12329.0	13031.9	13411.2	13792.1	13963.7	14137.0	14192.6	14249.8	14323.3	14398.5
20°	12526.8	13020.5	13515.8	13499.5	13481.5	13398.1	13313.1	13298.4	13283.7	13494.6	13707.1
22.5°	13868.9	14065.1	14262.9	13803.5	13344.2	13064.6	12783.5	12727.9	12670.7	12894.6	13120.2
25°	15325.4	15289.5	15251.9	14377.3	13501.1	12968.2	12435.3	12373.1	12311.0	12502.3	12695.2
27.5°	16767.2	16531.8	16296.4	15108.0	13919.6	13146.4	12373.1	12311.0	12248.9	12418.9	12588.9
30°	17824.9	17447.3	17069.7	15724.3	14378.9	13460.2	12541.5	12440.2	12337.2	12546.4	12755.7
32.5°	18650.4	18143.7	17636.9	16224.5	14812.1	13818.2	12824.3	12665.8	12507.2	12786.7	13066.3
35°	19474.3	18761.6	18047.2	16670.8	15292.7	14241.6	13188.9	12994.3	12799.8	13184.0	13568.1
37.5°	20510.7	19487.4	18462.4	17172.7	15882.9	14875.9	13867.3	13667.8	13468.4	13957.2	14447.6
40°	21635.4	20270.4	18905.4	17721.9	16538.4	15753.7	14967.4	14777.8	14586.5	15181.6	15776.6
42.5°	22570.5	20999.5	19428.6	18384.0	17337.8	16785.2	16231.1	16229.4	16226.2	16829.4	17432.6
45°	23330.6	21607.6	19883.0	19029.7	18174.7	17887.0	17599.3	17829.8	18060.3	18604.7	19150.7
47.5°	23897.9	22117.7	20335.8	19768.6	19201.3	19243.8	19286.3	19755.5	20224.7	20574.5	20926.0
50°	24267.3	22580.3	20891.6	20716.7	20541.8	20922.7	21305.2	21843.0	22382.5	22621.1	22859.8
52.5°	24805.1	23208.0	21609.3	21805.4	22001.6	22779.7	23557.8	24102.2	24646.6	24734.8	24824.7
55°	26049.1	24362.1	22673.5	23049.4	23427.1	24568.1	25710.8	26135.8	26560.8	26593.5	26626.2
57.5°	27816.3	25978.8	24141.4	24546.8	24952.2	26269.8	27589.0	28046.8	28506.1	28442.4	28377.0
60°	29138.7	27513.8	25887.3	26296.0	26704.7	27989.5	29274.4	29800.8	30328.8	30188.2	30047.6
62.5°	29220.5	28352.5	27482.8	27852.2	28223.3	29482.0	30740.8	31281.9	31822.9	31577.7	31332.5
65°	27920.9	28309.9	28699.0	28821.6	28944.2	30117.9	31293.3	31706.9	32122.1	31997.9	31873.6
67.5°	26130.9	27564.5	28999.8	28753.0	28506.1	29057.0	29607.9	30034.6	30461.2	30390.9	30319.0
70°	24344.1	26258.4	28172.6	26959.7	25745.1	25517.9	25290.6	25750.0	26211.0	25926.5	25640.5
72.5°	21301.9	23342.1	25383.8	23149.2	20914.5	20138.0	19361.5	19945.1	20528.7	20075.9	19621.5
75°	16721.5	18975.7	21231.6	18565.4	15899.2	14862.8	13826.4	14328.3	14830.1	14519.5	14207.3
77.5°	12448.3	14669.9	16891.5	14181.1	11469.1	10699.2	9927.6	10076.4	10226.8	10174.4	10120.5
80°	8443.3	9991.4	11541.1	9736.3	7931.6	7990.5	8051.0	7980.7	7908.7	8013.4	8118.0
82.5°	5388.0	6583.0	7779.6	6821.7	5863.7	6413.0	6962.2	6692.5	6421.1	6520.9	6622.2
85°	3074.9	4243.7	5414.2	5046.4	4676.9	4997.3	5319.4	4900.9	4482.4	4665.5	4850.2
87.5°	810.8	2347.4	3885.7	3527.7	3169.7	2754.5	2339.3	1785.1	1230.9	1798.2	2365.4
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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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: P320603

CATALOG NUMBER: GAN-SA9B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5	12456.5
2.5°	14063.4	14035.6	13935.9	13834.6	13684.2	13559.9	13344.2
5°	15073.7	14897.1	14593.1	14287.4	13947.4	13556.7	13123.5
7.5°	15431.7	15018.1	14434.5	13849.3	13322.9	12705.0	12129.6
10°	15279.7	14660.1	13901.6	13141.5	12502.3	11791.2	11152.0
12.5°	14988.7	14329.9	13494.6	12657.6	11930.1	11166.7	10450.7
15°	14588.2	14061.8	13278.8	12495.7	11763.4	11021.2	10172.8
17.5°	14150.1	13900.0	13334.3	12767.1	12132.8	11413.6	10418.0
20°	13797.0	13888.5	13662.9	13437.3	12928.9	12301.2	11183.1
22.5°	13558.3	13998.0	14171.3	14346.2	14040.5	13550.1	12257.1
25°	13424.3	14153.3	14733.7	15315.6	15179.9	14802.3	13561.6
27.5°	13483.1	14377.3	15278.0	16180.4	16306.3	16201.6	14936.4
30°	13659.7	14565.3	15662.2	16760.7	17262.6	17403.1	16082.3
32.5°	13953.9	14841.6	16036.5	17233.1	17991.6	18439.6	17130.2
35°	14398.5	15229.0	16474.6	17720.3	18701.1	19518.5	18212.3
37.5°	15162.0	15876.3	17025.5	18176.4	19448.2	20675.8	19404.0
40°	16280.1	16785.2	17756.2	18728.9	20329.3	21986.9	20733.1
42.5°	17690.9	17950.8	18720.7	19490.7	21249.6	23177.0	22032.7
45°	19219.3	19288.0	19771.8	20257.4	21978.7	23987.8	23008.6
47.5°	20690.6	20455.2	20648.1	20840.9	22537.8	24566.5	23749.1
50°	22204.3	21548.8	21447.4	21346.1	23096.9	25248.1	24690.7
52.5°	23744.2	22663.7	22263.1	21861.0	23763.8	26152.1	25862.8
55°	25251.4	23876.6	23337.2	22797.7	24783.9	27255.6	27584.1
57.5°	26819.1	25261.2	24761.0	24260.8	26282.9	28653.2	29128.9
60°	28506.1	26962.9	26562.4	26160.3	28146.5	30163.7	29817.2
62.5°	30106.5	28880.5	28669.6	28457.1	30031.3	31324.4	29549.1
65°	31175.6	30475.9	30672.1	30869.9	31456.8	31613.7	28764.4
67.5°	30461.2	30603.4	31432.2	32262.7	31858.9	30753.8	27218.0
70°	26492.1	27345.5	29308.8	31273.7	30377.9	28450.5	24442.2
72.5°	20579.4	21539.0	24453.7	27370.0	26544.5	24183.9	20075.9
75°	15289.5	16373.3	19590.4	22807.5	21661.6	18089.7	14374.0
77.5°	10846.3	11572.1	14748.4	17926.3	16057.8	12041.3	9672.6
80°	7895.7	7673.3	9443.7	11214.1	10903.5	7964.3	6211.9
82.5°	6079.5	5536.8	6370.5	7204.2	7158.4	5527.0	4557.6
85°	4632.8	4415.4	5152.6	5889.9	5258.9	3743.5	2896.7
87.5°	2700.5	3037.3	3905.3	4775.0	3583.3	1136.1	562.3
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: P320603
 CATALOG NUMBER: GAN-SA9B-730-U-SLR

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)