

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: P320623

Luminaire Tested: **GAN-SA9D-730-U-SLR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P320623  
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-SA9D-730-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(9) 70 CRI, 3000K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 55516 lumens  
Efficiency: N/A  
Efficacy: 96.5 lumens/watt  
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')  
IES Classification: Type IV - Medium  
BUG Rating: B4 - U0 - G5

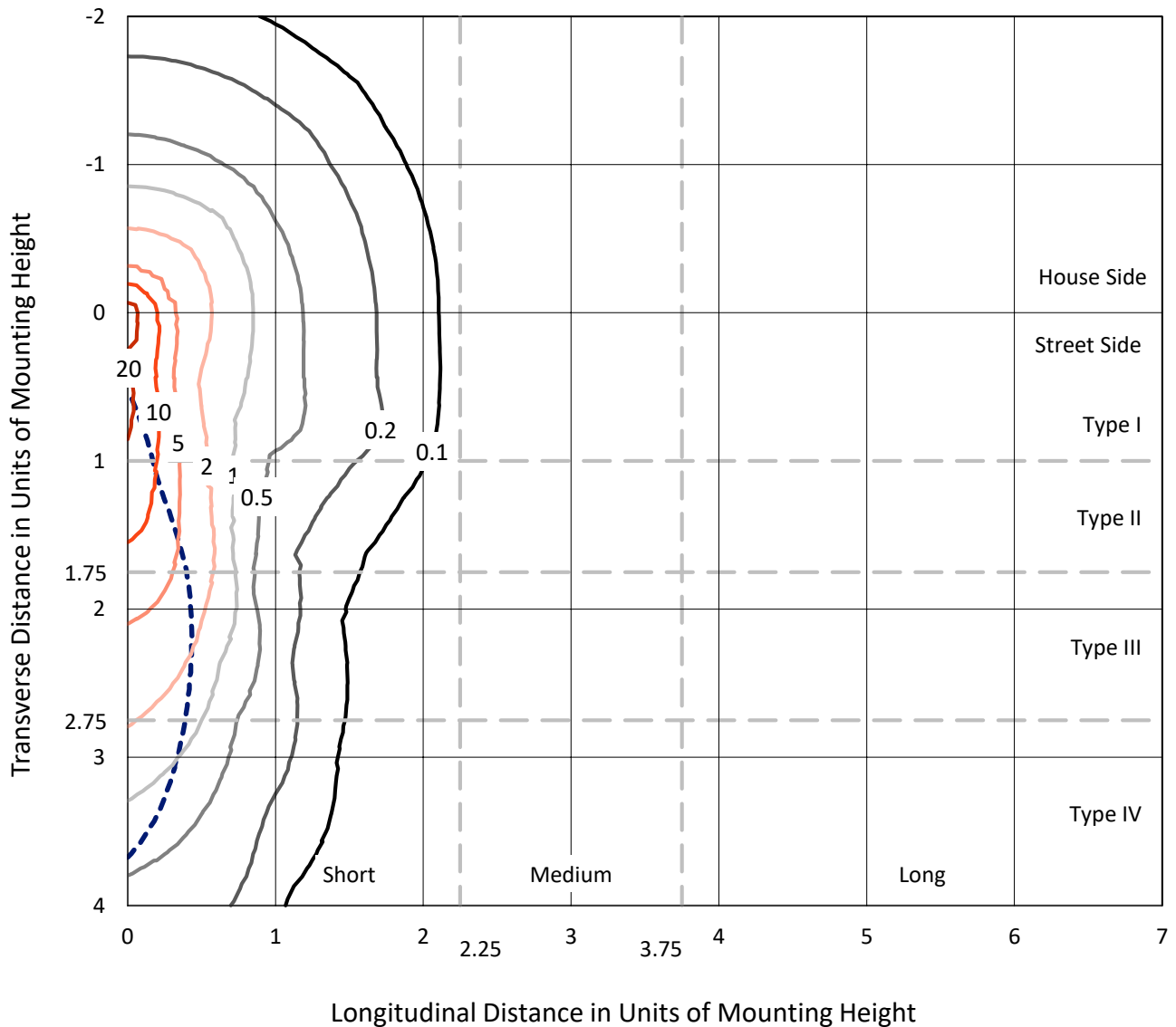
Input Watts (W): 575  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

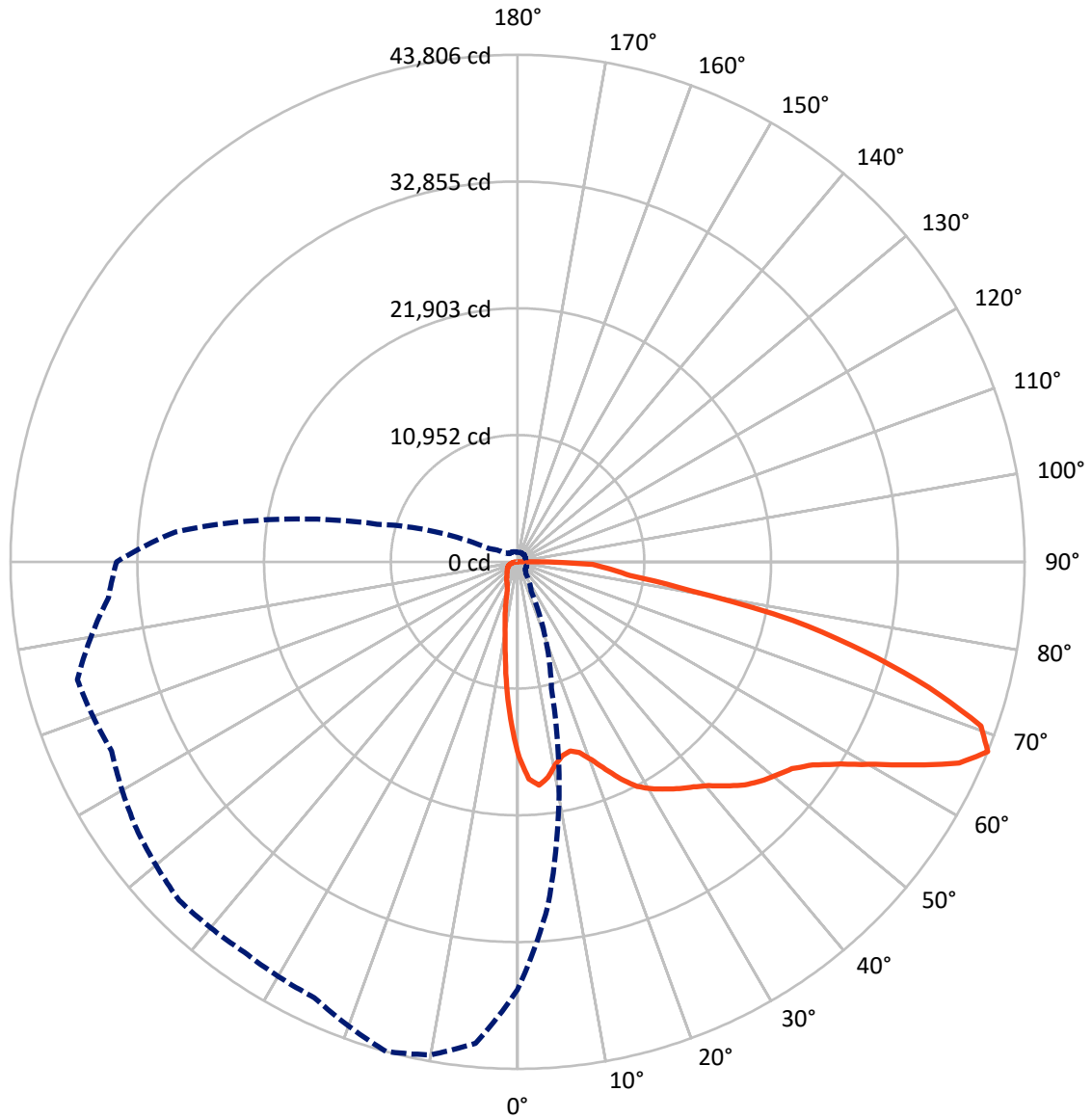
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 27.1 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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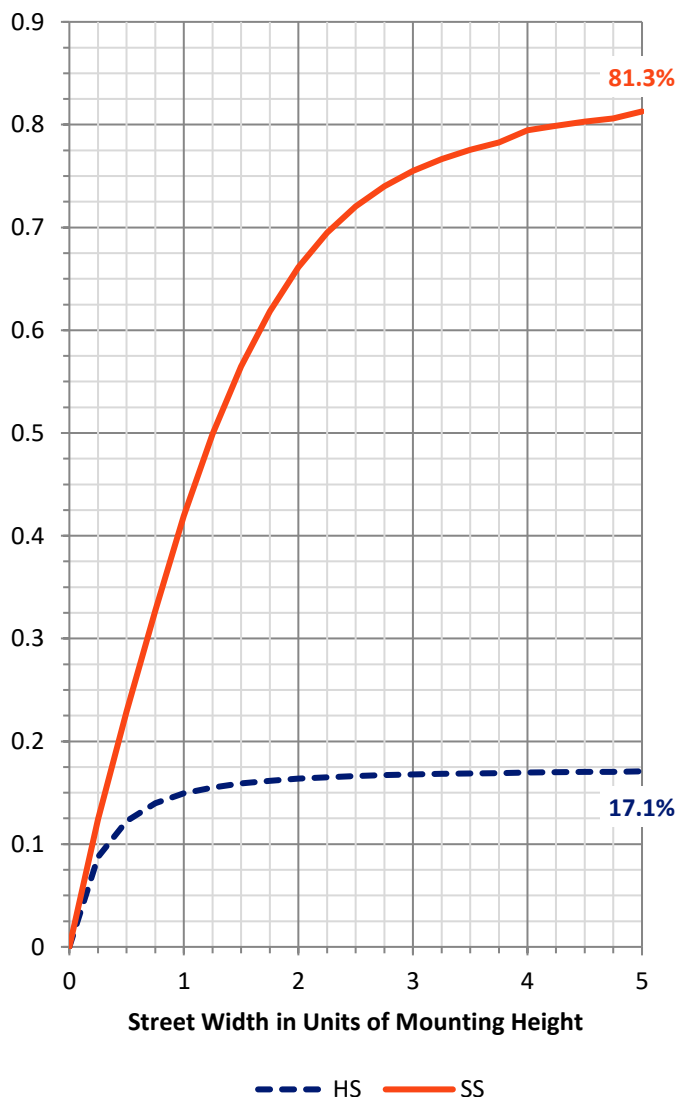
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	9597.5	0.0	9597.5
	% Fixture	17.3	0.0	17.3
<b>Street Side</b>	Lumens	45918.5	0.0	45918.5
	% Fixture	82.7	0.0	82.7
<b>Total</b>	Lumens	55516.0	0.0	55516.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1305.3	2.4
10°-20°	2711.7	4.9
20°-30°	3856.6	6.9
30°-40°	5557.3	10.0
40°-50°	7831.9	14.1
50°-60°	10887.7	19.6
60°-70°	13166.4	23.7
70°-80°	8093.2	14.6
80°-90°	2105.9	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	55516.0	100.0
0°-180°	55516.0	100.0

**Coefficient of Utilization**

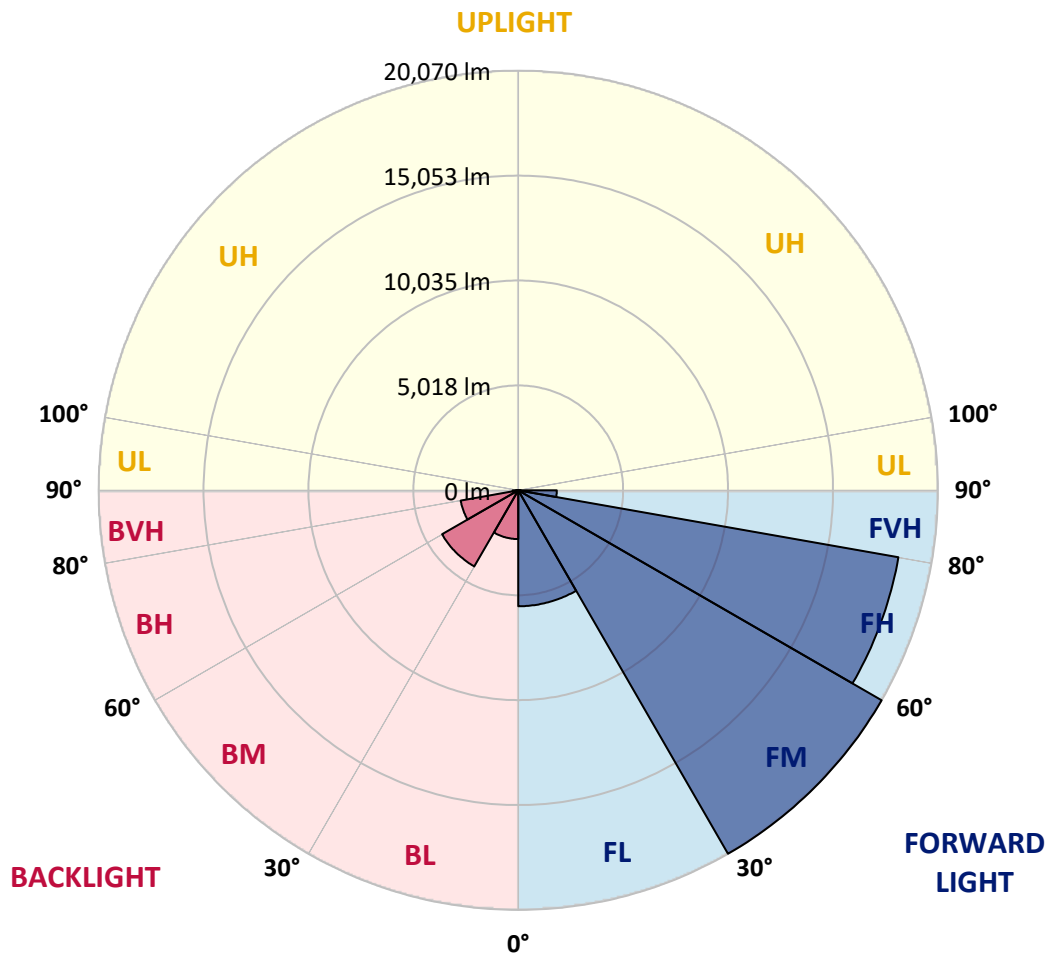


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	5543.4	10.0			
FM (30°-60°)	20070.4	36.2			
FH (60°-80°)	18462.7	33.3			G5
FVH (80°-90°)	1841.9	3.3			G5
BL (0°-30°)	2330.2	4.2	B3/2500		
BM (30°-60°)	4206.5	7.6	B3/5000		
BH (60°-80°)	2796.9	5.0	B4/5000		G4/5000
BVH (80°-90°)	264.0	0.5			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B4-U0-G5**  
 Type IV Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3
2.5°	18118.6	17958.8	17716.8	17474.9	17295.1	17113.1	16906.7	16700.3	16465.0	16227.5	16087.6
5°	17818.9	17375.0	16797.9	16220.8	15839.0	15457.3	15024.5	14591.6	14163.3	13734.9	13504.0
7.5°	16469.4	15803.5	15053.3	14303.1	13748.2	13191.1	12591.8	11990.3	11457.6	10922.6	10591.9
10°	15142.1	14343.0	13481.8	12618.4	11908.1	11197.9	10596.4	9992.6	9590.9	9189.1	8885.0
12.5°	14189.9	13304.3	12356.5	11406.5	10696.2	9986.0	9604.2	9222.4	8889.5	8556.5	8205.9
15°	13812.6	12811.5	11841.6	10869.4	10223.5	9577.6	9153.6	8727.5	8281.3	7833.0	7402.4
17.5°	14145.5	12973.5	11919.2	10864.9	10019.3	9173.6	8581.0	7986.1	7397.9	6809.7	6310.3
20°	15184.3	13688.3	12309.9	10929.3	9804.0	8678.6	7884.0	7087.2	6332.5	5577.8	5011.9
22.5°	16642.5	14662.7	12862.6	11062.5	9608.6	8152.6	7156.0	6157.2	5264.9	4372.6	3817.7
25°	18413.8	15954.5	13659.4	11362.1	9528.7	7693.1	6467.9	5242.7	4301.6	3358.3	2963.2
27.5°	20280.5	17494.9	14649.3	11801.6	9542.1	7282.5	5888.6	4492.5	3644.6	2796.7	2525.9
30°	21836.4	19255.0	15803.5	12349.8	9593.1	6836.4	5342.6	3848.8	3149.6	2450.4	2275.1
32.5°	23259.2	20482.4	16673.6	12862.6	9650.8	6436.8	4920.8	3402.6	2832.2	2259.6	2115.3
35°	24728.5	21572.3	17281.8	12989.1	9550.9	6110.6	4632.3	3154.0	2628.0	2099.7	1977.7
37.5°	26346.6	22750.9	17867.8	12982.4	9382.2	5782.1	4408.1	3032.0	2494.8	1955.5	1866.7
40°	28151.2	24053.8	18502.6	12951.4	9229.1	5504.6	4241.7	2976.5	2421.6	1864.5	1789.0
42.5°	29915.7	25296.8	19093.0	12889.2	9104.8	5318.2	4077.4	2836.6	2355.0	1871.1	1764.6
45°	31240.8	26382.1	19605.7	12827.1	9011.6	5196.1	3948.7	2701.3	2292.8	1884.4	1749.0
47.5°	32246.3	27472.0	20173.9	12873.7	9002.7	5131.7	3857.7	2583.6	2175.2	1764.6	1709.1
50°	33524.8	28781.5	21001.8	13222.1	9124.8	5027.4	3751.1	2472.6	2062.0	1651.4	1726.8
52.5°	35116.3	30650.4	22284.8	13916.9	9380.0	4843.2	3582.4	2321.7	1924.4	1524.9	1642.5
55°	37453.5	33045.4	23925.0	14802.5	9688.5	4572.4	3327.2	2079.8	1742.4	1402.8	1507.1
57.5°	39551.0	35464.7	25498.7	15530.5	9881.6	4230.6	3005.3	1780.1	1538.2	1296.2	1356.2
60°	40485.5	36712.1	26235.6	15756.9	9766.2	3775.5	2643.5	1509.3	1358.4	1207.5	1196.4
62.5°	40121.4	35919.7	25509.8	15099.9	9202.5	3305.0	2323.9	1342.9	1229.7	1114.2	1089.8
65°	39056.0	33429.4	23476.7	13524.0	8250.2	2976.5	2121.9	1267.4	1140.9	1014.4	987.7
67.5°	36956.3	29884.7	20595.6	11306.6	7040.6	2774.5	2006.5	1238.5	1085.4	930.0	898.9
70°	33187.4	25618.6	17277.3	8933.9	5793.1	2650.2	1931.0	1211.9	1025.5	836.8	807.9
72.5°	27258.9	20540.2	13797.0	7051.7	4843.2	2634.7	1922.2	1209.7	976.6	743.6	716.9
75°	19516.9	15601.6	10532.0	5460.2	3966.4	2472.6	1824.5	1176.4	910.0	641.5	617.0
77.5°	13133.4	10798.3	7320.2	3839.9	2943.2	2046.5	1533.7	1021.0	779.1	537.1	512.7
80°	8434.5	7473.4	4905.3	2337.2	1908.9	1480.5	1096.5	712.5	568.2	421.7	401.7
82.5°	6188.2	5562.3	3409.3	1256.3	1061.0	863.4	670.3	477.2	388.4	299.6	290.8
85°	3933.1	4337.1	2510.4	683.6	559.3	435.0	359.6	284.1	224.2	164.3	164.3
87.5°	763.5	1056.5	694.7	330.7	241.9	153.2	131.0	106.5	59.9	11.1	13.3
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



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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°	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3
2.5°	15945.6	15792.4	15639.3	15466.2	15290.8	15128.8	14964.5	14784.7	14818.0	14680.4	14542.8
5°	13273.2	13029.0	12782.7	12569.6	12356.5	12172.3	11985.8	11819.4	11963.6	11866.0	11768.3
7.5°	10259.0	9957.1	9653.0	9397.8	9142.5	8945.0	8745.2	8607.6	8749.7	8731.9	8714.1
10°	8581.0	8288.0	7992.8	7710.9	7429.0	7189.3	6947.3	6743.1	6707.6	6605.5	6501.2
12.5°	7852.9	7451.2	7047.2	6752.0	6456.8	6170.5	5884.2	5644.4	5535.7	5367.0	5196.1
15°	6971.8	6496.8	6021.8	5686.6	5349.2	5071.8	4792.1	4585.7	4516.9	4385.9	4255.0
17.5°	5810.9	5291.5	4772.1	4432.5	4090.7	3868.8	3644.6	3507.0	3507.0	3469.2	3431.5
20°	4445.9	3982.0	3518.1	3258.4	2998.7	2881.0	2761.2	2703.5	2721.2	2723.4	2723.4
22.5°	3260.6	2976.5	2692.4	2588.1	2481.5	2439.3	2397.2	2372.7	2381.6	2383.8	2386.1
25°	2568.1	2459.3	2348.3	2295.1	2239.6	2212.9	2186.3	2177.4	2197.4	2199.6	2199.6
27.5°	2255.1	2188.5	2119.7	2086.4	2050.9	2039.8	2028.7	2013.2	2033.2	2033.2	2030.9
30°	2097.5	2026.5	1955.5	1913.3	1871.1	1875.6	1877.8	1873.3	1886.7	1895.5	1902.2
32.5°	1968.8	1900.0	1831.2	1789.0	1744.6	1737.9	1731.3	1726.8	1755.7	1771.2	1786.8
35°	1853.4	1777.9	1702.4	1662.5	1622.5	1607.0	1591.5	1580.4	1607.0	1627.0	1646.9
37.5°	1775.7	1698.0	1618.1	1580.4	1540.4	1520.4	1500.4	1487.1	1498.2	1507.1	1516.0
40°	1713.5	1633.6	1551.5	1507.1	1462.7	1442.7	1422.8	1411.7	1418.3	1420.5	1422.8
42.5°	1655.8	1578.1	1500.4	1451.6	1400.6	1376.2	1351.7	1338.4	1342.9	1347.3	1349.5
45°	1613.6	1536.0	1456.1	1398.3	1338.4	1311.8	1285.1	1269.6	1271.8	1271.8	1271.8
47.5°	1653.6	1540.4	1425.0	1358.4	1289.6	1258.5	1227.4	1211.9	1207.5	1203.0	1198.6
50°	1800.1	1607.0	1411.7	1327.3	1240.8	1207.5	1171.9	1154.2	1143.1	1138.7	1134.2
52.5°	1757.9	1591.5	1422.8	1314.0	1203.0	1163.1	1123.1	1094.3	1083.2	1076.5	1069.8
55°	1609.2	1504.9	1398.3	1267.4	1136.4	1100.9	1063.2	1043.2	1023.2	1018.8	1014.4
57.5°	1413.9	1371.7	1329.5	1196.4	1063.2	1029.9	994.4	981.1	963.3	963.3	961.1
60°	1183.0	1245.2	1307.3	1154.2	998.8	961.1	923.4	912.3	905.6	903.4	901.2
62.5°	1063.2	1165.3	1265.2	1103.1	938.9	898.9	859.0	845.7	843.4	845.7	845.7
65°	961.1	992.2	1023.2	947.8	872.3	832.3	790.2	776.9	781.3	788.0	794.6
67.5°	867.9	861.2	854.5	827.9	799.1	765.8	730.2	716.9	719.1	728.0	736.9
70°	779.1	770.2	759.1	739.1	719.1	690.3	661.4	652.6	650.3	661.4	670.3
72.5°	690.3	679.2	665.9	650.3	632.6	608.2	583.8	577.1	579.3	586.0	592.6
75°	592.6	583.8	572.7	559.3	543.8	521.6	499.4	495.0	499.4	506.1	512.7
77.5°	486.1	483.9	479.4	468.3	457.2	432.8	406.2	404.0	410.6	417.3	421.7
80°	379.6	381.8	384.0	375.1	366.2	339.6	310.7	308.5	315.2	321.8	328.5
82.5°	279.7	286.3	290.8	279.7	268.6	237.5	206.4	202.0	224.2	230.8	237.5
85°	162.0	170.9	179.8	170.9	162.0	131.0	99.9	97.7	117.6	128.7	139.8
87.5°	13.3	17.8	22.2	20.0	17.8	8.9	0.0	0.0	2.2	11.1	20.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320623  
 CATALOG NUMBER: GAN-SA9D-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: P320623  
 CATALOG NUMBER: GAN-SA9D-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3
2.5°	14456.2	14369.7	14343.0	14316.4	14218.7	14118.9	14221.0	14320.8	14363.0	14405.2	14296.4
5°	11755.0	11739.5	11739.5	11737.2	11648.4	11557.4	11626.3	11692.8	11544.1	11395.4	11379.9
7.5°	8809.6	8905.0	8982.7	9058.2	9029.3	9000.5	9064.8	9129.2	8940.5	8749.7	8656.4
10°	6523.4	6543.4	6627.7	6712.1	6732.0	6749.8	6829.7	6907.4	6760.9	6614.4	6550.0
12.5°	5089.5	4983.0	4994.1	5003.0	5042.9	5080.7	5165.0	5247.1	5187.2	5125.1	5131.7
15°	4121.8	3986.4	3930.9	3873.2	3917.6	3962.0	4021.9	4079.6	4081.8	4081.8	4139.5
17.5°	3364.9	3296.1	3240.6	3182.9	3242.8	3300.5	3307.2	3313.9	3316.1	3318.3	3313.9
20°	2756.7	2790.0	2772.3	2754.5	2776.7	2796.7	2814.4	2830.0	2810.0	2787.8	2732.3
22.5°	2417.1	2446.0	2468.2	2488.2	2525.9	2561.4	2543.7	2523.7	2483.7	2441.6	2399.4
25°	2219.6	2239.6	2261.8	2284.0	2315.0	2343.9	2312.8	2281.7	2252.9	2224.0	2195.2
27.5°	2053.1	2073.1	2093.1	2110.8	2139.7	2166.3	2137.5	2108.6	2084.2	2059.8	2037.6
30°	1917.7	1931.0	1946.6	1962.1	1988.8	2013.2	1988.8	1962.1	1944.4	1924.4	1908.9
32.5°	1802.3	1815.6	1822.3	1828.9	1853.4	1877.8	1860.0	1842.3	1826.7	1811.2	1800.1
35°	1675.8	1702.4	1706.9	1711.3	1735.7	1760.1	1749.0	1735.7	1718.0	1700.2	1680.2
37.5°	1547.1	1578.1	1595.9	1611.4	1635.8	1660.3	1649.2	1638.1	1613.6	1589.2	1553.7
40°	1438.3	1451.6	1484.9	1516.0	1555.9	1593.7	1571.5	1547.1	1509.3	1471.6	1453.8
42.5°	1347.3	1345.1	1376.2	1407.2	1467.2	1524.9	1484.9	1445.0	1409.4	1373.9	1369.5
45°	1267.4	1260.7	1276.3	1291.8	1356.2	1418.3	1378.4	1336.2	1316.2	1296.2	1296.2
47.5°	1196.4	1191.9	1203.0	1211.9	1251.9	1289.6	1269.6	1249.6	1238.5	1227.4	1229.7
50°	1132.0	1127.6	1138.7	1147.5	1163.1	1176.4	1180.8	1183.0	1176.4	1169.7	1174.2
52.5°	1072.1	1072.1	1076.5	1078.7	1098.7	1118.7	1118.7	1116.5	1116.5	1116.5	1120.9
55°	1021.0	1025.5	1025.5	1025.5	1056.5	1085.4	1076.5	1067.6	1069.8	1069.8	1074.3
57.5°	970.0	976.6	981.1	985.5	1016.6	1047.7	1038.8	1029.9	1029.9	1029.9	1032.1
60°	912.3	921.1	930.0	938.9	970.0	1001.0	992.2	981.1	983.3	985.5	987.7
62.5°	856.8	865.6	874.5	883.4	914.5	945.5	936.7	925.6	932.2	936.7	936.7
65°	803.5	810.2	819.0	827.9	856.8	885.6	876.7	867.9	876.7	883.4	887.8
67.5°	743.6	748.0	756.9	765.8	794.6	823.5	814.6	803.5	814.6	823.5	832.3
70°	674.8	679.2	690.3	699.2	728.0	756.9	745.8	734.7	745.8	756.9	765.8
72.5°	599.3	603.7	614.8	623.7	657.0	690.3	677.0	663.7	677.0	690.3	694.7
75°	517.2	521.6	534.9	546.0	579.3	612.6	601.5	588.2	599.3	610.4	612.6
77.5°	428.4	435.0	452.8	470.6	497.2	523.8	517.2	510.5	517.2	523.8	523.8
80°	335.2	341.8	364.0	384.0	399.5	415.1	417.3	419.5	421.7	423.9	421.7
82.5°	248.6	257.5	277.4	297.4	297.4	297.4	315.2	330.7	330.7	328.5	326.3
85°	153.2	164.3	182.0	199.8	188.7	177.6	206.4	233.1	233.1	230.8	226.4
87.5°	31.1	42.2	59.9	75.5	64.4	53.3	82.1	111.0	113.2	113.2	108.8
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



REPORT NUMBER: P320623  
 CATALOG NUMBER: GAN-SA9D-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: P320623

CATALOG NUMBER: GAN-SA9D-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3
2.5°	14185.4	14358.6	14529.5	14573.9	14640.5	14669.3	14696.0	14913.5	15128.8	15381.8	15634.8
5°	11362.1	11490.9	11619.6	11639.6	11708.4	11743.9	11779.4	12043.5	12305.4	12658.4	13011.3
7.5°	8563.2	8594.3	8625.4	8620.9	8678.6	8756.3	8831.8	9113.7	9393.3	9772.9	10150.2
10°	6485.7	6556.7	6625.5	6689.9	6816.4	6962.9	7107.2	7395.7	7684.2	8059.4	8432.3
12.5°	5138.4	5220.5	5300.4	5371.4	5517.9	5713.2	5906.3	6252.6	6598.9	7047.2	7493.4
15°	4195.0	4188.4	4181.7	4230.6	4359.3	4572.4	4783.2	5149.5	5515.7	6008.5	6499.0
17.5°	3309.4	3276.1	3242.8	3280.6	3400.4	3575.8	3748.9	4059.6	4368.2	4845.4	5322.6
20°	2676.8	2654.6	2632.4	2668.0	2743.4	2816.7	2889.9	3114.1	3336.1	3724.5	4110.7
22.5°	2355.0	2352.8	2348.3	2368.3	2403.8	2441.6	2477.1	2585.8	2692.4	2943.2	3191.8
25°	2166.3	2164.1	2161.9	2170.8	2199.6	2228.5	2257.3	2328.4	2399.4	2519.2	2639.1
27.5°	2015.4	2011.0	2006.5	2008.7	2015.4	2059.8	2102.0	2135.3	2166.3	2248.5	2328.4
30°	1893.3	1891.1	1888.9	1888.9	1882.2	1897.8	1913.3	1964.3	2013.2	2097.5	2181.9
32.5°	1789.0	1777.9	1766.8	1742.4	1726.8	1749.0	1771.2	1824.5	1877.8	1955.5	2033.2
35°	1658.0	1629.2	1598.1	1584.8	1587.0	1609.2	1631.4	1684.7	1735.7	1820.1	1902.2
37.5°	1516.0	1507.1	1496.0	1493.8	1500.4	1522.6	1544.8	1591.5	1635.8	1720.2	1802.3
40°	1436.1	1431.6	1427.2	1422.8	1427.2	1449.4	1471.6	1516.0	1558.2	1640.3	1720.2
42.5°	1365.1	1362.8	1360.6	1360.6	1362.8	1387.2	1411.7	1456.1	1498.2	1571.5	1644.7
45°	1296.2	1298.5	1298.5	1302.9	1309.6	1334.0	1356.2	1405.0	1453.8	1524.9	1595.9
47.5°	1231.9	1238.5	1243.0	1254.1	1260.7	1287.4	1311.8	1365.1	1418.3	1507.1	1593.7
50°	1176.4	1183.0	1187.5	1196.4	1214.1	1245.2	1276.3	1340.6	1402.8	1551.5	1698.0
52.5°	1125.3	1132.0	1138.7	1147.5	1169.7	1205.2	1240.8	1320.7	1398.3	1571.5	1744.6
55°	1078.7	1085.4	1089.8	1103.1	1125.3	1156.4	1185.3	1282.9	1380.6	1507.1	1633.6
57.5°	1034.3	1041.0	1045.4	1054.3	1065.4	1098.7	1129.8	1234.1	1338.4	1427.2	1513.8
60°	987.7	992.2	994.4	994.4	1003.3	1041.0	1078.7	1211.9	1342.9	1327.3	1309.6
62.5°	936.7	941.1	943.3	936.7	947.8	987.7	1027.7	1200.8	1373.9	1267.4	1160.8
65°	890.1	887.8	885.6	879.0	892.3	932.2	970.0	1056.5	1143.1	1100.9	1058.7
67.5°	839.0	832.3	825.7	816.8	830.1	865.6	898.9	927.8	956.6	961.1	965.5
70°	774.6	765.8	756.9	754.7	761.3	790.2	819.0	839.0	856.8	865.6	872.3
72.5°	699.2	692.5	685.9	681.4	683.6	708.1	730.2	748.0	765.8	772.4	776.9
75°	614.8	614.8	612.6	599.3	599.3	619.3	637.0	652.6	668.1	677.0	685.9
77.5°	523.8	526.0	526.0	508.3	506.1	526.0	543.8	557.1	568.2	577.1	583.8
80°	419.5	415.1	410.6	399.5	395.1	419.5	441.7	452.8	461.7	463.9	463.9
82.5°	321.8	313.0	301.9	277.4	279.7	306.3	330.7	339.6	348.5	348.5	348.5
85°	219.7	202.0	182.0	162.0	164.3	193.1	219.7	228.6	237.5	241.9	244.2
87.5°	104.3	86.6	66.6	51.1	51.1	75.5	97.7	102.1	106.5	115.4	124.3
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: P320623  
 CATALOG NUMBER: GAN-SA9D-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: P320623

CATALOG NUMBER: GAN-SA9D-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3
2.5°	15828.0	16018.8	16216.4	16413.9	16640.3	16866.7	17130.9	17392.8	17616.9	17841.1	18027.6
5°	13315.4	13619.5	13976.8	14334.2	14789.2	15244.2	15801.3	16356.2	16851.2	17346.2	17921.0
7.5°	10547.5	10942.6	11408.7	11874.8	12463.0	13051.2	13772.6	14494.0	15193.1	15890.1	16773.5
10°	8847.3	9262.4	9721.8	10179.1	10778.4	11375.4	12139.0	12900.3	13686.0	14469.6	15468.4
12.5°	7955.0	8414.5	8818.5	9222.4	9708.5	10192.4	10931.5	11670.6	12594.0	13515.1	14476.2
15°	7002.8	7504.5	7988.3	8472.2	9002.7	9531.0	10250.1	10969.3	11979.2	12989.1	14094.4
17.5°	5850.9	6379.1	6969.5	7557.7	8250.2	8940.5	9861.7	10782.8	11979.2	13173.3	14476.2
20°	4650.1	5189.4	5895.3	6601.1	7462.3	8321.3	9515.4	10709.6	12321.0	13930.2	15592.7
22.5°	3669.0	4144.0	4914.2	5682.2	6676.5	7670.9	9202.5	10731.8	12838.2	14942.3	17186.3
25°	2974.3	3309.4	4066.3	4821.0	5968.5	7116.0	9011.6	10904.9	13590.6	16274.1	19057.5
27.5°	2548.1	2767.8	3473.7	4177.3	5431.4	6683.2	8933.9	11182.3	14545.0	17907.7	21092.8
30°	2335.0	2488.2	3085.2	3680.1	4954.1	6228.2	8840.7	11453.1	15463.9	19472.5	22684.3
32.5°	2157.4	2279.5	2790.0	3298.3	4541.3	5784.3	8660.9	11535.2	16105.4	20675.6	24031.6
35°	2006.5	2108.6	2552.5	2996.5	4217.2	5438.0	8359.0	11280.0	16507.1	21734.3	25434.4
37.5°	1884.4	1964.3	2375.0	2785.6	3937.6	5089.5	8015.0	10940.4	16864.5	22788.6	27012.5
40°	1789.0	1857.8	2241.8	2625.8	3671.2	4716.6	7719.8	10720.7	17357.3	23993.9	28679.4
42.5°	1735.7	1824.5	2126.4	2426.0	3418.2	4410.3	7482.3	10554.2	17814.5	25072.6	30137.7
45°	1722.4	1848.9	2066.4	2284.0	3229.5	4175.1	7271.4	10365.5	18109.7	25853.9	31236.4
47.5°	1700.2	1804.5	2019.8	2235.1	3136.3	4035.2	7158.2	10279.0	18404.9	26528.6	32148.7
50°	1713.5	1726.8	1982.1	2235.1	3123.0	4010.8	7286.9	10563.1	19044.1	27523.0	33191.9
52.5°	1689.1	1631.4	1911.1	2190.7	3120.8	4050.8	7657.6	11264.5	20231.6	29196.6	34321.6
55°	1560.4	1484.9	1777.9	2070.9	3074.1	4075.2	8099.3	12121.2	21825.3	31527.2	36352.6
57.5°	1447.2	1378.4	1627.0	1873.3	2932.1	3990.8	8554.3	13115.6	23510.0	33902.1	38641.0
60°	1296.2	1280.7	1458.3	1635.8	2712.3	3786.6	8929.4	14070.0	24642.0	35211.7	39522.2
62.5°	1171.9	1180.8	1311.8	1442.7	2437.1	3429.3	9053.7	14676.0	24610.9	34545.8	38634.3
65°	1076.5	1092.0	1220.8	1349.5	2201.8	3054.2	8645.3	14234.3	23365.7	32494.9	36878.6
67.5°	983.3	1001.0	1154.2	1305.1	1993.2	2679.1	7624.3	12567.4	21126.1	29682.7	34645.7
70°	894.5	916.7	1083.2	1249.6	1842.3	2432.7	6308.1	10183.5	18322.8	26459.8	32059.9
72.5°	799.1	821.3	998.8	1176.4	1746.8	2315.0	5142.8	7968.4	14869.1	21767.6	27423.1
75°	701.4	716.9	910.0	1100.9	1615.9	2130.8	4035.2	5937.4	11379.9	16822.3	20713.3
77.5°	603.7	623.7	785.7	945.5	1371.7	1795.7	3040.8	4286.0	8350.1	12412.0	14405.2
80°	481.7	499.4	614.8	728.0	1058.7	1387.2	2090.9	2794.5	5746.5	8698.6	9821.7
82.5°	368.5	388.4	466.1	541.6	754.7	967.7	1267.4	1567.0	3817.7	6066.2	6159.4
85°	253.0	259.7	315.2	368.5	466.1	563.8	725.8	887.8	2525.9	4164.0	3469.2
87.5°	126.5	126.5	164.3	202.0	250.8	299.6	384.0	466.1	807.9	1149.8	661.4
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: P320623  
 CATALOG NUMBER: GAN-SA9D-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: P320623

CATALOG NUMBER: GAN-SA9D-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3
2.5°	18265.1	18427.1	18591.3	18715.6	18842.2	19024.2	19206.2	19239.5	19275.0	19204.0	19132.9
5°	18500.3	18990.9	19483.6	19938.6	20393.7	20666.7	20939.7	20995.2	21050.7	20879.8	20706.6
7.5°	17628.0	18482.6	19337.1	20120.7	20904.2	21379.2	21856.4	21962.9	22071.7	21792.0	21512.3
10°	16462.8	17512.6	18562.5	19594.6	20626.7	21317.0	22007.3	22144.9	22282.5	21934.1	21585.6
12.5°	15561.6	16682.5	17803.4	18891.0	19980.8	20695.5	21410.2	21581.1	21752.1	21499.0	21243.8
15°	15284.1	16338.5	17392.8	18340.5	19290.5	19874.3	20460.3	20529.1	20600.1	20560.1	20520.2
17.5°	15788.0	16740.2	17694.6	18209.6	18726.7	18959.8	19195.1	19270.5	19348.2	19448.1	19550.2
20°	17008.8	17679.1	18351.6	18329.4	18305.0	18191.8	18076.4	18056.4	18036.5	18322.8	18611.3
22.5°	18831.1	19097.4	19366.0	18742.3	18118.6	17739.0	17357.3	17281.8	17204.1	17508.2	17814.5
25°	20808.7	20759.9	20708.8	19521.4	18331.7	17608.1	16884.5	16800.1	16715.8	16975.5	17237.4
27.5°	22766.4	22446.8	22127.2	20513.5	18899.9	17850.0	16800.1	16715.8	16631.4	16862.3	17093.1
30°	24202.5	23689.8	23177.0	21350.3	19523.6	18276.2	17028.8	16891.1	16751.3	17035.4	17319.5
32.5°	25323.4	24635.3	23947.2	22029.5	20111.8	18762.3	17412.7	17197.4	16982.1	17361.7	17741.2
35°	26442.1	25474.3	24504.4	22635.5	20764.3	19337.1	17907.7	17643.6	17379.4	17901.1	18422.7
37.5°	27849.3	26459.8	25068.1	23316.9	21565.6	20198.3	18828.8	18558.1	18287.3	18950.9	19616.8
40°	29376.4	27523.0	25669.6	24062.7	22455.7	21390.3	20322.6	20065.2	19805.5	20613.4	21421.3
42.5°	30646.0	28513.0	26379.9	24961.6	23541.1	22790.8	22038.4	22036.2	22031.7	22850.8	23669.8
45°	31678.1	29338.6	26997.0	25838.3	24677.5	24286.8	23896.2	24209.2	24522.1	25261.2	26002.6
47.5°	32448.3	30031.2	27611.8	26841.6	26071.4	26129.1	26186.8	26823.8	27460.9	27935.9	28413.1
50°	32949.9	30659.3	28366.5	28129.0	27891.5	28408.6	28928.0	29658.3	30390.7	30714.8	31038.9
52.5°	33680.2	31511.6	29340.9	29607.2	29873.6	30930.1	31986.6	32725.7	33464.9	33584.7	33706.8
55°	35369.3	33078.7	30785.8	31296.3	31809.1	33358.3	34909.8	35486.9	36064.0	36108.4	36152.8
57.5°	37768.7	35273.8	32779.0	33329.5	33879.9	35668.9	37460.1	38081.6	38705.3	38618.8	38530.0
60°	39564.3	37358.0	35149.5	35704.4	36259.3	38004.0	39748.6	40463.3	41180.2	40989.3	40798.4
62.5°	39675.3	38496.7	37315.9	37817.5	38321.4	40030.4	41739.5	42474.2	43208.9	42876.0	42543.0
65°	37910.7	38439.0	38967.3	39133.7	39300.2	40893.9	42489.8	43051.3	43615.1	43446.4	43277.7
67.5°	35480.3	37426.9	39375.7	39040.5	38705.3	39453.3	40201.4	40780.7	41360.0	41264.5	41166.9
70°	33054.2	35653.4	38252.5	36605.6	34956.4	34647.9	34339.4	34963.1	35589.0	35202.8	34814.4
72.5°	28923.6	31693.6	34465.9	31431.7	28397.5	27343.2	26288.9	27081.3	27873.7	27258.9	26641.8
75°	22704.3	25765.1	28828.1	25208.0	21587.8	20180.6	18773.4	19454.8	20136.2	19714.5	19290.5
77.5°	16902.2	19918.7	22935.1	19255.0	15572.7	14527.3	13479.6	13681.6	13885.8	13814.8	13741.5
80°	11464.2	13566.2	15670.4	13219.9	10769.5	10849.4	10931.5	10836.1	10738.4	10880.5	11022.5
82.5°	7315.8	8938.3	10563.1	9262.4	7961.7	8707.5	9453.3	9087.0	8718.6	8854.0	8991.6
85°	4175.1	5762.1	7351.3	6851.9	6350.3	6785.3	7222.6	6654.4	6086.1	6334.7	6585.5
87.5°	1100.9	3187.3	5276.0	4789.9	4303.8	3740.0	3176.2	2423.8	1671.4	2441.6	3211.8
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):**

	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: P320623

CATALOG NUMBER: GAN-SA9D-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3	16913.3
2.5°	19095.2	19057.5	18922.1	18784.5	18580.3	18411.6	18118.6
5°	20466.9	20227.2	19814.3	19399.3	18937.6	18407.1	17818.9
7.5°	20953.0	20391.4	19599.0	18804.4	18089.7	17250.7	16469.4
10°	20746.6	19905.4	18875.5	17843.3	16975.5	16010.0	15142.1
12.5°	20351.5	19457.0	18322.8	17186.3	16198.6	15162.1	14189.9
15°	19807.7	19093.0	18029.8	16966.6	15972.2	14964.5	13812.6
17.5°	19212.8	18873.2	18105.3	17335.1	16473.9	15497.2	14145.5
20°	18733.4	18857.7	18551.4	18245.1	17554.8	16702.5	15184.3
22.5°	18409.3	19006.4	19241.7	19479.2	19064.1	18398.2	16642.5
25°	18227.3	19217.3	20005.2	20795.4	20611.2	20098.5	18413.8
27.5°	18307.2	19521.4	20744.4	21969.6	22140.5	21998.4	20280.5
30°	18547.0	19776.6	21266.0	22757.5	23439.0	23629.8	21836.4
32.5°	18946.5	20151.7	21774.3	23399.0	24428.9	25037.1	23259.2
35°	19550.2	20677.8	22369.1	24060.4	25392.2	26502.0	24728.5
37.5°	20586.8	21556.7	23117.1	24679.7	26406.6	28073.5	26346.6
40°	22105.0	22790.8	24109.3	25429.9	27602.9	29853.6	28151.2
42.5°	24020.5	24373.4	25418.8	26464.3	28852.5	31469.5	29915.7
45°	26095.8	26189.0	26846.0	27505.3	29842.5	32570.4	31240.8
47.5°	28093.4	27773.8	28035.7	28297.7	30601.6	33356.1	32246.3
50°	30148.8	29258.7	29121.1	28983.5	31360.7	34281.7	33524.8
52.5°	32239.7	30772.5	30228.7	29682.7	32266.3	35509.1	35116.3
55°	34286.1	32419.4	31687.0	30954.5	33651.3	37007.4	37453.5
57.5°	36414.7	34299.4	33620.2	32941.0	35686.7	38905.1	39551.0
60°	38705.3	36610.0	36066.2	35520.2	38217.0	40956.0	40485.5
62.5°	40878.3	39213.6	38927.3	38638.8	40776.2	42531.9	40121.4
65°	42329.9	41380.0	41646.3	41914.9	42711.7	42924.8	39056.0
67.5°	41360.0	41553.1	42678.4	43806.0	43257.7	41757.3	36956.3
70°	35970.8	37129.4	39795.2	42463.1	41246.8	38629.9	33187.4
72.5°	27942.5	29245.4	33203.0	37162.7	36041.8	32836.7	27258.9
75°	20759.9	22231.5	26599.7	30967.8	29411.9	24562.1	19516.9
77.5°	14727.0	15712.5	20025.2	24340.1	21803.1	16349.6	13133.4
80°	10720.7	10418.8	12822.6	15226.4	14804.7	10813.9	8434.5
82.5°	8254.7	7517.8	8649.8	9781.8	9719.6	7504.5	6188.2
85°	6290.3	5995.1	6996.2	7997.2	7140.4	5082.9	3933.1
87.5°	3666.8	4124.0	5302.6	6483.4	4865.4	1542.6	763.5
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: P320623  
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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)