

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: P320662

Luminaire Tested: **GAN-SA8D-740-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320662
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-SA8D-740-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 70 CRI, 4000K, 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: 54649 lumens
Efficiency: N/A
Efficacy: 106.9 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B4 - U0 - G5

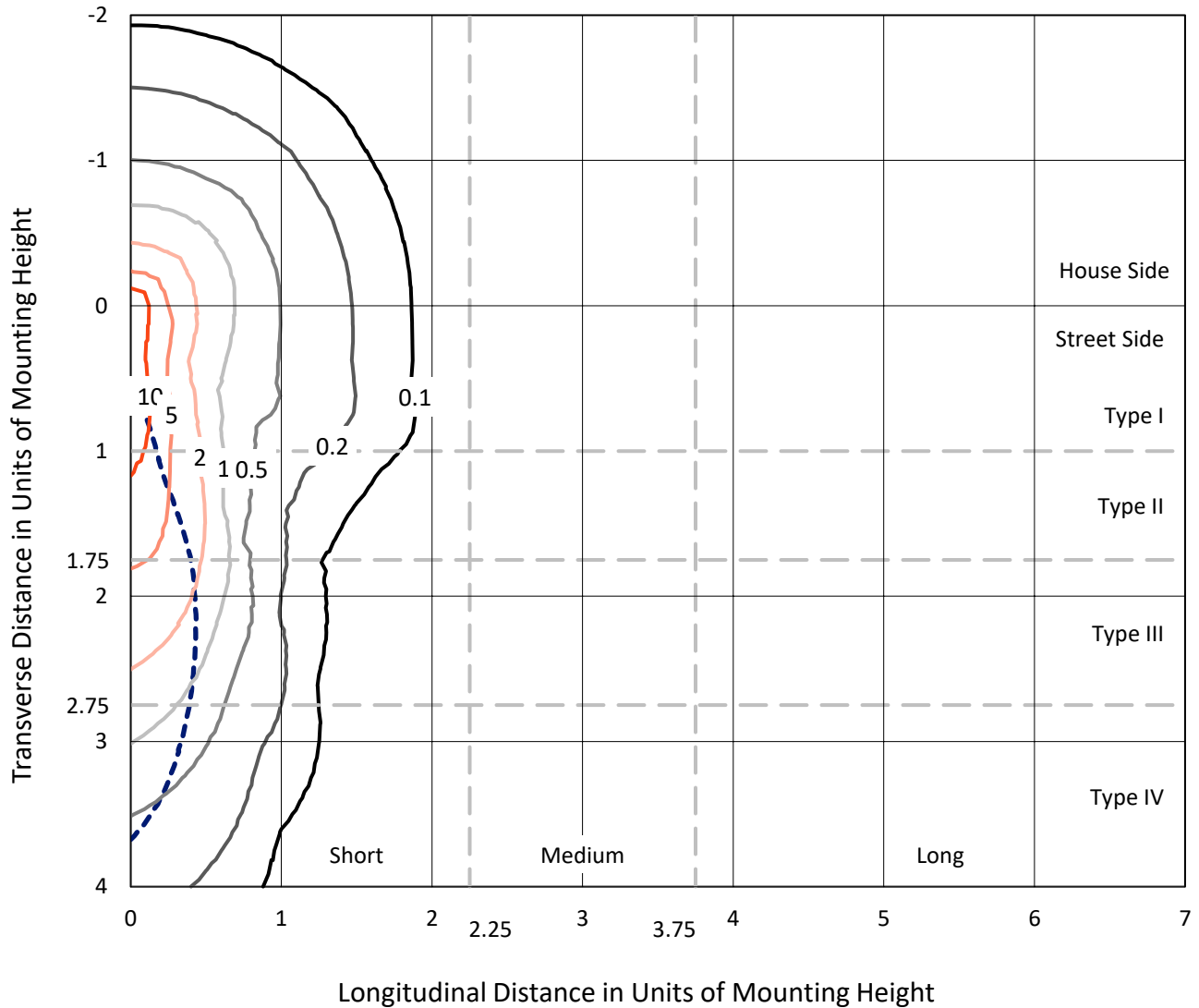
Input Watts (W): 511
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

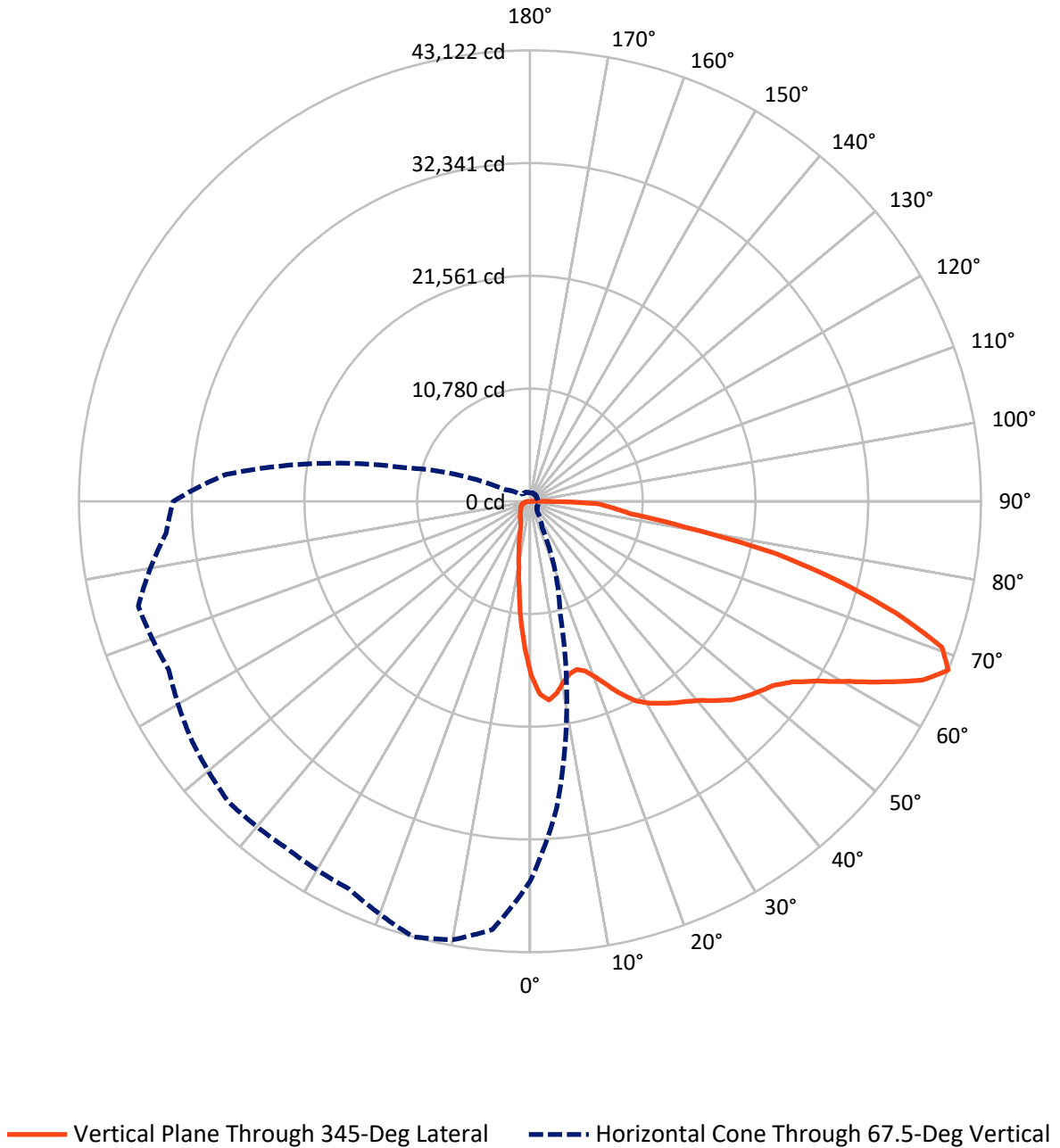
× Max cd
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 18.5 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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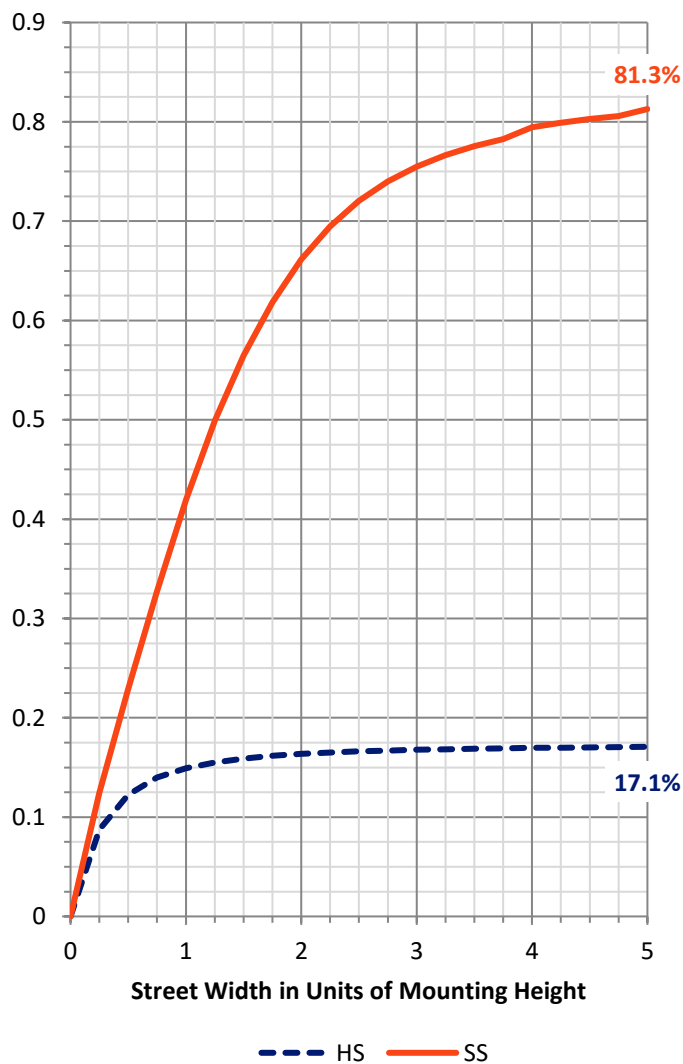
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9447.6	0.0	9447.6
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	45201.3	0.0	45201.3
	% Fixture	82.7	0.0	82.7
Total	Lumens	54649.0	0.0	54649.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1284.9	2.4
10°-20°	2669.3	4.9
20°-30°	3796.4	6.9
30°-40°	5470.5	10.0
40°-50°	7709.6	14.1
50°-60°	10717.6	19.6
60°-70°	12960.8	23.7
70°-80°	7966.8	14.6
80°-90°	2073.0	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°	54649.0	100.0
0°-180°	54649.0	100.0

Coefficient of Utilization



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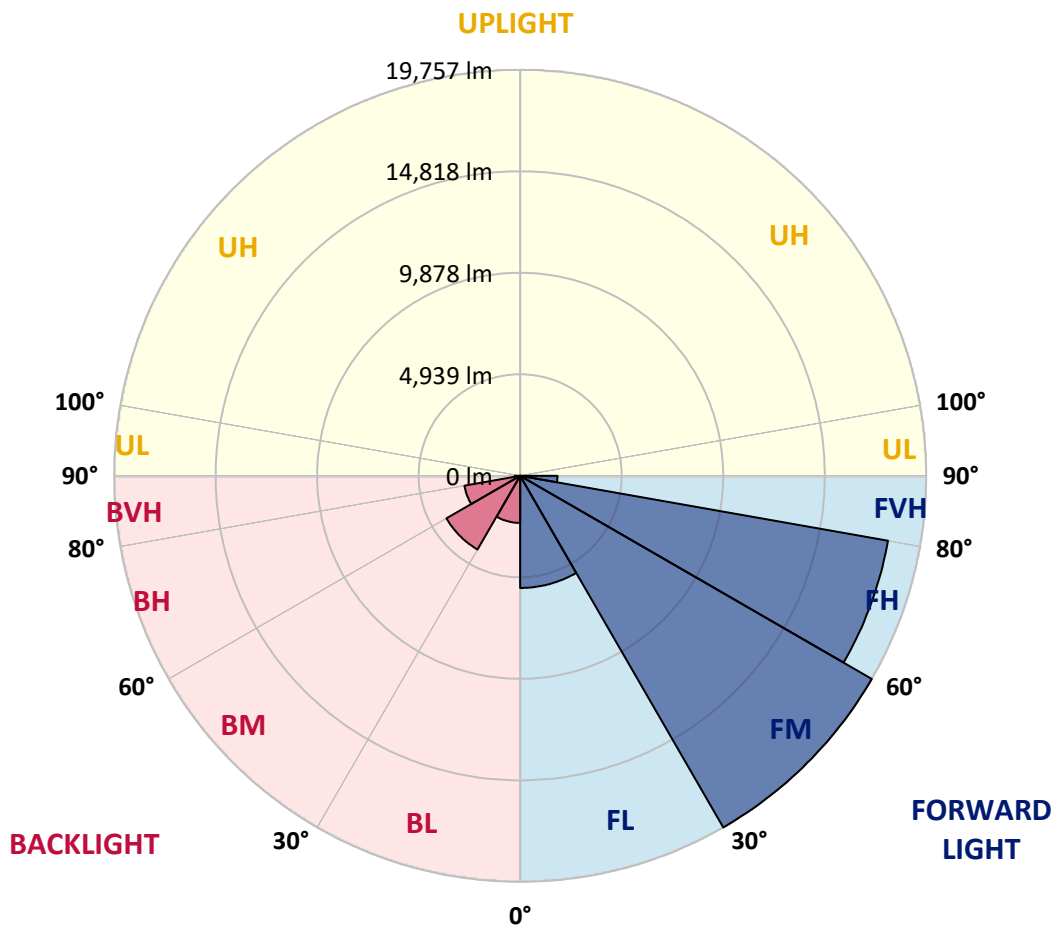
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	5456.8	10.0			
FM (30°-60°)	19757.0	36.2			
FH (60°-80°)	18174.4	33.3			G5
FVH (80°-90°)	1813.2	3.3			G5
BL (0°-30°)	2293.8	4.2	B3/2500		
BM (30°-60°)	4140.8	7.6	B3/5000		
BH (60°-80°)	2753.2	5.0	B4/5000		G4/5000
BVH (80°-90°)	259.9	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°	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2
2.5°	17835.6	17678.3	17440.1	17202.0	17025.0	16845.8	16642.6	16439.4	16207.8	15974.1	15836.4
5°	17540.6	17103.7	16535.6	15967.5	15591.7	15215.9	14789.8	14363.8	13942.1	13520.4	13293.1
7.5°	16212.2	15556.7	14818.2	14079.7	13533.5	12985.1	12395.1	11803.0	11278.6	10752.1	10426.5
10°	14905.6	14119.0	13271.3	12421.3	11722.2	11023.0	10430.9	9836.6	9441.1	9045.6	8746.3
12.5°	13968.3	13096.5	12163.5	11228.4	10529.2	9830.0	9454.2	9078.4	8750.7	8422.9	8077.7
15°	13596.8	12611.4	11656.6	10699.6	10063.8	9428.0	9010.7	8591.2	8152.0	7710.6	7286.8
17.5°	13924.6	12770.9	11733.1	10695.3	9862.8	9030.3	8447.0	7861.4	7282.4	6703.4	6211.8
20°	14947.1	13474.5	12117.6	10758.6	9650.9	8543.1	7760.9	6976.5	6233.6	5490.7	4933.6
22.5°	16382.6	14433.7	12661.7	10889.7	9458.6	8025.3	7044.2	6061.0	5182.7	4304.3	3758.1
25°	18126.2	15705.3	13446.1	11184.7	9379.9	7573.0	6366.9	5160.8	4234.4	3305.8	2916.9
27.5°	19963.7	17221.6	14420.6	11617.3	9393.0	7168.8	5796.6	4422.3	3587.7	2753.0	2486.5
30°	21495.4	18954.3	15556.7	12157.0	9443.3	6729.6	5259.1	3788.7	3100.4	2412.2	2239.6
32.5°	22895.9	20162.6	16413.2	12661.7	9500.1	6336.3	4844.0	3349.5	2788.0	2224.3	2082.2
35°	24342.3	21235.4	17011.9	12786.2	9401.8	6015.1	4560.0	3104.8	2587.0	2066.9	1946.8
37.5°	25935.2	22395.6	17588.7	12779.7	9235.7	5691.8	4339.3	2984.6	2455.9	1924.9	1837.5
40°	27711.5	23678.1	18213.6	12749.1	9085.0	5418.6	4175.4	2930.0	2383.8	1835.3	1761.1
42.5°	29448.5	24901.7	18794.8	12687.9	8962.6	5235.1	4013.7	2792.3	2318.2	1841.9	1737.0
45°	30752.9	25970.1	19299.5	12626.7	8870.8	5114.9	3887.0	2659.1	2257.0	1855.0	1721.7
47.5°	31742.7	27042.9	19858.9	12672.6	8862.1	5051.6	3797.4	2543.3	2141.2	1737.0	1682.4
50°	33001.2	28332.0	20673.8	13015.7	8982.3	4948.9	3692.5	2434.0	2029.8	1625.6	1699.9
52.5°	34567.8	30171.8	21936.7	13699.5	9233.5	4767.5	3526.5	2285.4	1894.3	1501.0	1616.9
55°	36868.6	32529.3	23551.4	14571.3	9537.2	4501.0	3275.2	2047.3	1715.2	1380.9	1483.6
57.5°	38933.3	34910.9	25100.5	15288.0	9727.3	4164.5	2958.4	1752.3	1514.2	1276.0	1335.0
60°	39853.2	36138.8	25825.9	15510.8	9613.7	3716.6	2602.3	1485.8	1337.2	1188.6	1177.7
62.5°	39494.9	35358.8	25111.4	14864.1	9058.7	3253.4	2287.6	1321.9	1210.5	1096.8	1072.8
65°	38446.1	32907.3	23110.0	13312.8	8121.4	2930.0	2088.8	1247.6	1123.1	998.5	972.3
67.5°	36379.1	29418.0	20274.0	11130.1	6930.6	2731.2	1975.2	1219.2	1068.4	915.5	884.9
70°	32669.1	25218.5	17007.5	8794.4	5702.7	2608.8	1900.9	1193.0	1009.4	823.7	795.3
72.5°	26833.2	20219.4	13581.5	6941.5	4767.5	2593.5	1892.2	1190.8	961.4	732.0	705.7
75°	19212.1	15357.9	10367.5	5374.9	3904.5	2434.0	1796.0	1158.0	895.8	631.4	607.4
77.5°	12928.3	10629.7	7205.9	3779.9	2897.2	2014.5	1509.8	1005.1	766.9	528.8	504.7
80°	8302.7	7356.7	4828.7	2300.7	1879.0	1457.4	1079.4	701.4	559.3	415.1	395.5
82.5°	6091.6	5475.4	3356.1	1236.7	1044.4	849.9	659.9	469.8	382.4	295.0	286.2
85°	3871.7	4269.4	2471.2	673.0	550.6	428.2	354.0	279.7	220.7	161.7	161.7
87.5°	751.6	1040.0	683.9	325.6	238.2	150.8	128.9	104.9	59.0	10.9	13.1
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



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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°	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2
2.5°	15696.6	15545.8	15395.0	15224.6	15052.0	14892.5	14730.8	14553.8	14586.6	14451.2	14315.7
5°	13065.9	12825.6	12583.0	12373.3	12163.5	11982.2	11798.6	11634.8	11776.8	11680.7	11584.5
7.5°	10098.8	9801.6	9502.3	9251.0	8999.7	8805.3	8608.6	8473.2	8613.0	8595.5	8578.1
10°	8447.0	8158.5	7867.9	7590.5	7313.0	7077.0	6838.8	6637.8	6602.9	6502.4	6399.7
12.5°	7730.3	7334.8	6937.2	6646.6	6356.0	6074.1	5792.3	5556.3	5449.2	5283.2	5114.9
15°	6862.9	6395.3	5927.7	5597.8	5265.7	4992.6	4717.3	4514.1	4446.3	4317.4	4188.5
17.5°	5720.2	5208.9	4697.6	4363.3	4026.8	3808.3	3587.7	3452.2	3452.2	3415.1	3377.9
20°	4376.4	3919.8	3463.1	3207.5	2951.8	2836.0	2718.1	2661.2	2678.7	2680.9	2680.9
22.5°	3209.7	2930.0	2650.3	2547.6	2442.8	2401.2	2359.7	2335.7	2344.4	2346.6	2348.8
25°	2528.0	2420.9	2311.7	2259.2	2204.6	2178.4	2152.2	2143.4	2163.1	2165.3	2165.3
27.5°	2219.9	2154.3	2086.6	2053.8	2018.9	2008.0	1997.0	1981.7	2001.4	2001.4	1999.2
30°	2064.8	1994.8	1924.9	1883.4	1841.9	1846.3	1848.5	1844.1	1857.2	1865.9	1872.5
32.5°	1938.0	1870.3	1802.6	1761.1	1717.4	1710.8	1704.2	1699.9	1728.3	1743.6	1758.9
35°	1824.4	1750.1	1675.8	1636.5	1597.2	1581.9	1566.6	1555.7	1581.9	1601.6	1621.2
37.5°	1747.9	1671.5	1592.8	1555.7	1516.3	1496.7	1477.0	1463.9	1474.8	1483.6	1492.3
40°	1686.8	1608.1	1527.3	1483.6	1439.9	1420.2	1400.5	1389.6	1396.2	1398.4	1400.5
42.5°	1630.0	1553.5	1477.0	1428.9	1378.7	1354.7	1330.6	1317.5	1321.9	1326.3	1328.4
45°	1588.4	1512.0	1433.3	1376.5	1317.5	1291.3	1265.1	1249.8	1252.0	1252.0	1252.0
47.5°	1627.8	1516.3	1402.7	1337.2	1269.4	1238.9	1208.3	1193.0	1188.6	1184.2	1179.9
50°	1772.0	1581.9	1389.6	1306.6	1221.4	1188.6	1153.6	1136.2	1125.2	1120.9	1116.5
52.5°	1730.5	1566.6	1400.5	1293.5	1184.2	1144.9	1105.6	1077.2	1066.2	1059.7	1053.1
55°	1584.1	1481.4	1376.5	1247.6	1118.7	1083.7	1046.6	1026.9	1007.3	1002.9	998.5
57.5°	1391.8	1350.3	1308.8	1177.7	1046.6	1013.8	978.9	965.7	948.3	948.3	946.1
60°	1164.6	1225.7	1286.9	1136.2	983.2	946.1	908.9	898.0	891.5	889.3	887.1
62.5°	1046.6	1147.1	1245.4	1085.9	924.2	884.9	845.6	832.5	830.3	832.5	832.5
65°	946.1	976.7	1007.3	933.0	858.7	819.4	777.8	764.7	769.1	775.7	782.2
67.5°	854.3	847.8	841.2	815.0	786.6	753.8	718.8	705.7	707.9	716.7	725.4
70°	766.9	758.2	747.2	727.6	707.9	679.5	651.1	642.4	640.2	651.1	659.9
72.5°	679.5	668.6	655.5	640.2	622.7	598.7	574.6	568.1	570.3	576.8	583.4
75°	583.4	574.6	563.7	550.6	535.3	513.5	491.6	487.2	491.6	498.2	504.7
77.5°	478.5	476.3	471.9	461.0	450.1	426.1	399.8	397.7	404.2	410.8	415.1
80°	373.6	375.8	378.0	369.3	360.5	334.3	305.9	303.7	310.3	316.8	323.4
82.5°	275.3	281.9	286.2	275.3	264.4	233.8	203.2	198.8	220.7	227.2	233.8
85°	159.5	168.2	177.0	168.2	159.5	128.9	98.3	96.1	115.8	126.7	137.7
87.5°	13.1	17.5	21.8	19.7	17.5	8.7	0.0	0.0	2.2	10.9	19.7
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: P320662
 CATALOG NUMBER: GAN-SA8D-740-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: P320662

CATALOG NUMBER: GAN-SA8D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2
2.5°	14230.5	14145.3	14119.0	14092.8	13996.7	13898.4	13998.9	14097.2	14138.7	14180.2	14073.2
5°	11571.4	11556.1	11556.1	11553.9	11466.5	11377.0	11444.7	11510.2	11363.8	11217.5	11202.2
7.5°	8672.0	8766.0	8842.4	8916.7	8888.3	8859.9	8923.3	8986.6	8800.9	8613.0	8521.2
10°	6421.5	6441.2	6524.2	6607.2	6626.9	6644.4	6723.0	6799.5	6655.3	6511.1	6447.7
12.5°	5010.1	4905.2	4916.1	4924.8	4964.2	5001.3	5084.3	5165.2	5106.2	5045.0	5051.6
15°	4057.4	3924.1	3869.5	3812.7	3856.4	3900.1	3959.1	4015.9	4018.1	4018.1	4074.9
17.5°	3312.4	3244.6	3190.0	3133.2	3192.2	3249.0	3255.6	3262.1	3264.3	3266.5	3262.1
20°	2713.7	2746.5	2729.0	2711.5	2733.4	2753.0	2770.5	2785.8	2766.1	2744.3	2689.7
22.5°	2379.4	2407.8	2429.6	2449.3	2486.5	2521.4	2503.9	2484.3	2444.9	2403.4	2361.9
25°	2184.9	2204.6	2226.4	2248.3	2278.9	2307.3	2276.7	2246.1	2217.7	2189.3	2160.9
27.5°	2021.1	2040.7	2060.4	2077.9	2106.3	2132.5	2104.1	2075.7	2051.7	2027.6	2005.8
30°	1887.8	1900.9	1916.2	1931.5	1957.7	1981.7	1957.7	1931.5	1914.0	1894.3	1879.0
32.5°	1774.2	1787.3	1793.8	1800.4	1824.4	1848.5	1831.0	1813.5	1798.2	1782.9	1772.0
35°	1649.6	1675.8	1680.2	1684.6	1708.6	1732.7	1721.7	1708.6	1691.1	1673.7	1654.0
37.5°	1522.9	1553.5	1571.0	1586.3	1610.3	1634.3	1623.4	1612.5	1588.4	1564.4	1529.5
40°	1415.8	1428.9	1461.7	1492.3	1531.6	1568.8	1546.9	1522.9	1485.8	1448.6	1431.1
42.5°	1326.3	1324.1	1354.7	1385.2	1444.2	1501.0	1461.7	1422.4	1387.4	1352.5	1348.1
45°	1247.6	1241.0	1256.3	1271.6	1335.0	1396.2	1356.8	1315.3	1295.7	1276.0	1276.0
47.5°	1177.7	1173.3	1184.2	1193.0	1232.3	1269.4	1249.8	1230.1	1219.2	1208.3	1210.5
50°	1114.3	1109.9	1120.9	1129.6	1144.9	1158.0	1162.4	1164.6	1158.0	1151.5	1155.8
52.5°	1055.3	1055.3	1059.7	1061.9	1081.5	1101.2	1101.2	1099.0	1099.0	1099.0	1103.4
55°	1005.1	1009.4	1009.4	1009.4	1040.0	1068.4	1059.7	1051.0	1053.1	1053.1	1057.5
57.5°	954.8	961.4	965.7	970.1	1000.7	1031.3	1022.5	1013.8	1013.8	1013.8	1016.0
60°	898.0	906.7	915.5	924.2	954.8	985.4	976.7	965.7	967.9	970.1	972.3
62.5°	843.4	852.1	860.9	869.6	900.2	930.8	922.0	911.1	917.7	922.0	922.0
65°	790.9	797.5	806.2	815.0	843.4	871.8	863.0	854.3	863.0	869.6	874.0
67.5°	732.0	736.3	745.1	753.8	782.2	810.6	801.9	790.9	801.9	810.6	819.4
70°	664.2	668.6	679.5	688.3	716.7	745.1	734.1	723.2	734.1	745.1	753.8
72.5°	589.9	594.3	605.2	614.0	646.7	679.5	666.4	653.3	666.4	679.5	683.9
75°	509.1	513.5	526.6	537.5	570.3	603.0	592.1	579.0	589.9	600.9	603.0
77.5°	421.7	428.2	445.7	463.2	489.4	515.6	509.1	502.5	509.1	515.6	515.6
80°	329.9	336.5	358.3	378.0	393.3	408.6	410.8	413.0	415.1	417.3	415.1
82.5°	244.7	253.5	273.1	292.8	292.8	292.8	310.3	325.6	325.6	323.4	321.2
85°	150.8	161.7	179.2	196.6	185.7	174.8	203.2	229.4	229.4	227.2	222.9
87.5°	30.6	41.5	59.0	74.3	63.4	52.4	80.8	109.2	111.4	111.4	107.1
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



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 CATALOG NUMBER: GAN-SA8D-740-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: P320662

CATALOG NUMBER: GAN-SA8D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2
2.5°	13963.9	14134.3	14302.6	14346.3	14411.8	14440.2	14466.4	14680.6	14892.5	15141.6	15390.7
5°	11184.7	11311.4	11438.1	11457.8	11525.5	11560.5	11595.4	11855.5	12113.3	12460.7	12808.1
7.5°	8429.5	8460.1	8490.7	8486.3	8543.1	8619.6	8693.9	8971.3	9246.6	9620.3	9991.7
10°	6384.4	6454.3	6522.0	6585.4	6709.9	6854.1	6996.2	7280.2	7564.2	7933.5	8300.6
12.5°	5058.1	5139.0	5217.6	5287.5	5431.7	5624.0	5814.1	6155.0	6495.8	6937.2	7376.3
15°	4129.5	4123.0	4116.4	4164.5	4291.2	4501.0	4708.5	5069.0	5429.6	5914.6	6397.5
17.5°	3257.7	3225.0	3192.2	3229.3	3347.3	3519.9	3690.4	3996.2	4299.9	4769.7	5239.5
20°	2635.0	2613.2	2591.3	2626.3	2700.6	2772.7	2844.8	3065.5	3284.0	3666.3	4046.5
22.5°	2318.2	2316.0	2311.7	2331.3	2366.3	2403.4	2438.4	2545.4	2650.3	2897.2	3141.9
25°	2132.5	2130.3	2128.1	2136.9	2165.3	2193.7	2222.1	2292.0	2361.9	2479.9	2597.9
27.5°	1983.9	1979.6	1975.2	1977.4	1983.9	2027.6	2069.1	2101.9	2132.5	2213.3	2292.0
30°	1863.7	1861.6	1859.4	1859.4	1852.8	1868.1	1883.4	1933.7	1981.7	2064.8	2147.8
32.5°	1761.1	1750.1	1739.2	1715.2	1699.9	1721.7	1743.6	1796.0	1848.5	1924.9	2001.4
35°	1632.1	1603.7	1573.2	1560.0	1562.2	1584.1	1605.9	1658.4	1708.6	1791.6	1872.5
37.5°	1492.3	1483.6	1472.6	1470.5	1477.0	1498.9	1520.7	1566.6	1610.3	1693.3	1774.2
40°	1413.7	1409.3	1404.9	1400.5	1404.9	1426.8	1448.6	1492.3	1533.8	1614.7	1693.3
42.5°	1343.7	1341.5	1339.4	1339.4	1341.5	1365.6	1389.6	1433.3	1474.8	1546.9	1619.0
45°	1276.0	1278.2	1278.2	1282.6	1289.1	1313.1	1335.0	1383.1	1431.1	1501.0	1571.0
47.5°	1212.6	1219.2	1223.6	1234.5	1241.0	1267.3	1291.3	1343.7	1396.2	1483.6	1568.8
50°	1158.0	1164.6	1168.9	1177.7	1195.2	1225.7	1256.3	1319.7	1380.9	1527.3	1671.5
52.5°	1107.8	1114.3	1120.9	1129.6	1151.5	1186.4	1221.4	1300.0	1376.5	1546.9	1717.4
55°	1061.9	1068.4	1072.8	1085.9	1107.8	1138.4	1166.8	1262.9	1359.0	1483.6	1608.1
57.5°	1018.2	1024.7	1029.1	1037.8	1048.8	1081.5	1112.1	1214.8	1317.5	1404.9	1490.1
60°	972.3	976.7	978.9	978.9	987.6	1024.7	1061.9	1193.0	1321.9	1306.6	1289.1
62.5°	922.0	926.4	928.6	922.0	933.0	972.3	1011.6	1182.0	1352.5	1247.6	1142.7
65°	876.2	874.0	871.8	865.2	878.3	917.7	954.8	1040.0	1125.2	1083.7	1042.2
67.5°	825.9	819.4	812.8	804.1	817.2	852.1	884.9	913.3	941.7	946.1	950.4
70°	762.5	753.8	745.1	742.9	749.4	777.8	806.2	825.9	843.4	852.1	858.7
72.5°	688.3	681.7	675.1	670.8	673.0	697.0	718.8	736.3	753.8	760.4	764.7
75°	605.2	605.2	603.0	589.9	589.9	609.6	627.1	642.4	657.7	666.4	675.1
77.5°	515.6	517.8	517.8	500.3	498.2	517.8	535.3	548.4	559.3	568.1	574.6
80°	413.0	408.6	404.2	393.3	388.9	413.0	434.8	445.7	454.5	456.7	456.7
82.5°	316.8	308.1	297.2	273.1	275.3	301.5	325.6	334.3	343.0	343.0	343.0
85°	216.3	198.8	179.2	159.5	161.7	190.1	216.3	225.0	233.8	238.2	240.3
87.5°	102.7	85.2	65.5	50.3	50.3	74.3	96.1	100.5	104.9	113.6	122.4
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: P320662
 CATALOG NUMBER: GAN-SA8D-740-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: P320662

CATALOG NUMBER: GAN-SA8D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2
2.5°	15580.8	15768.7	15963.1	16157.6	16380.4	16603.3	16863.3	17121.1	17341.8	17562.5	17746.0
5°	13107.4	13406.8	13758.5	14110.3	14558.2	15006.1	15554.5	16100.8	16588.0	17075.3	17641.2
7.5°	10382.8	10771.7	11230.6	11689.4	12268.4	12847.4	13557.5	14267.6	14955.9	15641.9	16511.5
10°	8709.1	9117.7	9570.0	10020.1	10610.0	11197.8	11949.4	12698.8	13472.3	14243.6	15226.8
12.5°	7830.8	8283.1	8680.7	9078.4	9556.9	10033.2	10760.8	11488.4	12397.3	13304.1	14250.1
15°	6893.5	7387.3	7863.6	8339.9	8862.1	9382.1	10090.0	10797.9	11792.1	12786.2	13874.3
17.5°	5759.5	6279.5	6860.7	7439.7	8121.4	8800.9	9707.7	10614.4	11792.1	12967.6	14250.1
20°	4577.4	5108.4	5803.2	6498.0	7345.7	8191.3	9366.8	10542.3	12128.6	13712.6	15349.2
22.5°	3611.7	4079.3	4837.4	5593.4	6572.3	7551.1	9058.7	10564.2	12637.7	14709.0	16917.9
25°	2927.8	3257.7	4002.8	4745.7	5875.3	7004.9	8870.8	10734.6	13378.4	16019.9	18759.8
27.5°	2508.3	2724.6	3419.4	4112.0	5346.5	6578.8	8794.4	11007.7	14317.9	17628.0	20763.4
30°	2298.6	2449.3	3037.1	3622.6	4876.8	6130.9	8702.6	11274.3	15222.4	19168.4	22330.0
32.5°	2123.8	2243.9	2746.5	3246.8	4470.4	5693.9	8525.6	11355.1	15853.9	20352.7	23656.3
35°	1975.2	2075.7	2512.7	2949.7	4151.4	5353.1	8228.5	11103.8	16249.4	21394.9	25037.2
37.5°	1855.0	1933.7	2337.9	2742.1	3876.1	5010.1	7889.8	10769.5	16601.1	22432.7	26590.6
40°	1761.1	1828.8	2206.8	2584.8	3613.9	4643.0	7599.2	10553.2	17086.2	23619.1	28231.5
42.5°	1708.6	1796.0	2093.2	2388.1	3364.8	4341.5	7365.4	10389.4	17536.3	24681.0	29667.0
45°	1695.5	1820.0	2034.2	2248.3	3179.1	4109.9	7157.8	10203.6	17826.9	25450.1	30748.6
47.5°	1673.7	1776.4	1988.3	2200.2	3087.3	3972.2	7046.4	10118.4	18117.5	26114.3	31646.6
50°	1686.8	1699.9	1951.1	2200.2	3074.2	3948.2	7173.1	10398.1	18746.7	27093.2	32673.5
52.5°	1662.7	1605.9	1881.2	2156.5	3072.0	3987.5	7538.0	11088.5	19915.7	28740.6	33785.6
55°	1536.0	1461.7	1750.1	2038.5	3026.1	4011.5	7972.8	11931.9	21484.5	31034.8	35784.8
57.5°	1424.6	1356.8	1601.6	1844.1	2886.3	3928.5	8420.7	12910.8	23142.8	33372.7	38037.5
60°	1276.0	1260.7	1435.5	1610.3	2670.0	3727.5	8790.0	13850.3	24257.1	34661.8	38904.9
62.5°	1153.6	1162.4	1291.3	1420.2	2399.1	3375.7	8912.3	14446.8	24226.5	34006.3	38031.0
65°	1059.7	1075.0	1201.7	1328.4	2167.5	3006.5	8510.3	14012.0	23000.8	31987.4	36302.7
67.5°	967.9	985.4	1136.2	1284.7	1962.1	2637.2	7505.2	12371.1	20796.2	29219.1	34104.6
70°	880.5	902.4	1066.2	1230.1	1813.5	2394.7	6209.6	10024.5	18036.6	26046.6	31559.2
72.5°	786.6	808.4	983.2	1158.0	1719.5	2278.9	5062.5	7843.9	14636.9	21427.6	26994.9
75°	690.4	705.7	895.8	1083.7	1590.6	2097.5	3972.2	5844.7	11202.2	16559.6	20389.8
77.5°	594.3	614.0	773.5	930.8	1350.3	1767.6	2993.4	4219.1	8219.7	12218.2	14180.2
80°	474.1	491.6	605.2	716.7	1042.2	1365.6	2058.2	2750.8	5656.8	8562.8	9668.3
82.5°	362.7	382.4	458.8	533.1	742.9	952.6	1247.6	1542.6	3758.1	5971.4	6063.2
85°	249.1	255.6	310.3	362.7	458.8	555.0	714.5	874.0	2486.5	4098.9	3415.1
87.5°	124.5	124.5	161.7	198.8	246.9	295.0	378.0	458.8	795.3	1131.8	651.1
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: P320662
 CATALOG NUMBER: GAN-SA8D-740-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: P320662

CATALOG NUMBER: GAN-SA8D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2
2.5°	17979.8	18139.3	18301.0	18423.4	18547.9	18727.1	18906.2	18939.0	18974.0	18904.0	18834.1
5°	18211.4	18694.3	19179.3	19627.3	20075.2	20343.9	20612.7	20667.3	20721.9	20553.7	20383.2
7.5°	17352.7	18193.9	19035.1	19806.4	20577.7	21045.3	21515.0	21619.9	21727.0	21451.7	21176.4
10°	16205.7	17239.1	18272.6	19288.6	20304.6	20984.1	21663.6	21799.1	21934.6	21591.5	21248.5
12.5°	15318.6	16422.0	17525.4	18596.0	19668.8	20372.3	21075.9	21244.1	21412.4	21163.3	20912.0
15°	15045.5	16083.3	17121.1	18054.1	18989.3	19563.9	20140.7	20208.5	20278.4	20239.0	20199.7
17.5°	15541.4	16478.8	17418.3	17925.2	18434.3	18663.7	18895.3	18969.6	19046.1	19144.4	19244.9
20°	16743.1	17403.0	18065.0	18043.2	18019.2	17907.7	17794.1	17774.4	17754.8	18036.6	18320.7
22.5°	18537.0	18799.2	19063.5	18449.6	17835.6	17462.0	17086.2	17011.9	16935.4	17234.8	17536.3
25°	20483.8	20435.7	20385.4	19216.5	18045.4	17333.1	16620.8	16537.8	16454.7	16710.4	16968.2
27.5°	22410.9	22096.2	21781.6	20193.2	18604.7	17571.2	16537.8	16454.7	16371.7	16598.9	16826.2
30°	23824.5	23319.8	22815.1	21016.9	19218.7	17990.7	16762.8	16627.3	16489.7	16769.4	17049.0
32.5°	24927.9	24250.6	23573.3	21685.5	19797.7	18469.2	17140.8	16928.9	16716.9	17090.6	17464.2
35°	26029.1	25076.5	24121.7	22282.0	20440.1	19035.1	17628.0	17368.0	17108.0	17621.5	18135.0
37.5°	27414.4	26046.6	24676.6	22952.7	21228.8	19882.9	18534.8	18268.2	18001.7	18655.0	19310.4
40°	28917.6	27093.2	25268.8	23686.9	22105.0	21056.2	20005.3	19751.8	19496.2	20291.5	21086.8
42.5°	30167.4	28067.7	25967.9	24571.8	23173.4	22434.9	21694.2	21692.0	21687.7	22493.9	23300.1
45°	31183.4	28880.5	26575.4	25434.8	24292.1	23907.5	23523.0	23831.1	24139.1	24866.7	25596.5
47.5°	31941.5	29562.2	27180.6	26422.4	25664.2	25721.0	25777.9	26404.9	27032.0	27499.6	27969.3
50°	32435.3	30180.5	27923.5	27689.7	27455.9	27965.0	28476.2	29195.1	29916.1	30235.1	30554.1
52.5°	33154.2	31019.5	28882.6	29144.8	29407.0	30447.1	31487.1	32214.7	32942.2	33060.2	33180.4
55°	34816.9	32562.1	30305.0	30807.6	31312.3	32837.4	34364.6	34932.7	35500.8	35544.5	35588.2
57.5°	37178.8	34723.0	32267.1	32809.0	33350.8	35111.9	36875.1	37486.9	38100.9	38015.7	37928.3
60°	38946.4	36774.6	34600.6	35146.8	35693.1	37410.4	39127.8	39831.3	40537.1	40349.2	40161.3
62.5°	39055.7	37895.5	36733.1	37226.9	37722.9	39405.3	41087.7	41810.9	42534.1	42206.4	41878.6
65°	37318.7	37838.7	38358.7	38522.6	38686.4	40255.2	41826.2	42379.0	42934.0	42767.9	42601.8
67.5°	34926.2	36842.4	38760.7	38430.8	38100.9	38837.2	39573.5	40143.8	40714.1	40620.1	40524.0
70°	32538.0	35096.6	37655.2	36033.9	34410.5	34106.8	33803.1	34417.1	35033.2	34653.1	34270.7
72.5°	28471.9	31198.7	33927.7	30940.8	27954.0	26916.2	25878.4	26658.4	27438.4	26833.2	26225.8
75°	22349.7	25362.7	28377.9	24814.3	21250.7	19865.4	18480.2	19150.9	19821.7	19406.6	18989.3
77.5°	16638.3	19607.6	22576.9	18954.3	15329.5	14300.4	13269.1	13467.9	13668.9	13599.0	13526.9
80°	11285.2	13354.3	15425.6	13013.5	10601.3	10680.0	10760.8	10666.8	10570.7	10710.5	10850.4
82.5°	7201.5	8798.7	10398.1	9117.7	7837.4	8571.5	9305.6	8945.1	8582.4	8715.7	8851.2
85°	4109.9	5672.1	7236.5	6744.9	6251.1	6679.3	7109.8	6550.4	5991.1	6235.8	6482.7
87.5°	1083.7	3137.6	5193.6	4715.1	4236.6	3681.6	3126.6	2385.9	1645.3	2403.4	3161.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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: P320662

CATALOG NUMBER: GAN-SA8D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2	16649.2
2.5°	18797.0	18759.8	18626.6	18491.1	18290.1	18124.0	17835.6
5°	20147.3	19911.3	19504.9	19096.3	18641.9	18119.7	17540.6
7.5°	20625.8	20073.0	19293.0	18510.8	17807.2	16981.3	16212.2
10°	20422.6	19594.5	18580.7	17564.7	16710.4	15759.9	14905.6
12.5°	20033.7	19153.1	18036.6	16917.9	15945.6	14925.3	13968.3
15°	19498.4	18794.8	17748.2	16701.6	15722.8	14730.8	13596.8
17.5°	18912.8	18578.5	17822.5	17064.3	16216.6	15255.2	13924.6
20°	18440.8	18563.2	18261.7	17960.2	17280.6	16441.6	14947.1
22.5°	18121.8	18709.6	18941.2	19175.0	18766.4	18110.9	16382.6
25°	17942.7	18917.2	19692.8	20470.6	20289.3	19784.6	18126.2
27.5°	18021.3	19216.5	20420.4	21626.5	21794.7	21654.9	19963.7
30°	18257.3	19467.8	20933.9	22402.1	23072.9	23260.8	21495.4
32.5°	18650.6	19837.0	21434.2	23033.6	24047.4	24646.1	22895.9
35°	19244.9	20354.8	22019.8	23684.7	24995.6	26088.1	24342.3
37.5°	20265.3	21220.1	22756.1	24294.3	25994.2	27635.0	25935.2
40°	21759.8	22434.9	23732.8	25032.8	27171.8	29387.4	27711.5
42.5°	23645.4	23992.8	25021.9	26051.0	28402.0	30978.0	29448.5
45°	25688.3	25780.0	26426.8	27075.7	29376.4	32061.7	30752.9
47.5°	27654.7	27340.1	27597.9	27855.7	30123.7	32835.2	31742.7
50°	29678.0	28801.8	28666.3	28530.9	30870.9	33746.3	33001.2
52.5°	31736.2	30291.9	29756.6	29219.1	31762.4	34954.6	34567.8
55°	33750.7	31913.1	31192.1	30471.1	33125.8	36429.4	36868.6
57.5°	35846.0	33763.8	33095.2	32426.6	35129.4	38297.5	38933.3
60°	38100.9	36038.3	35503.0	34965.5	37620.2	40316.4	39853.2
62.5°	40239.9	38601.2	38319.4	38035.3	40139.4	41867.7	39494.9
65°	41668.9	40733.7	40995.9	41260.3	42044.7	42254.4	38446.1
67.5°	40714.1	40904.1	42011.9	43121.9	42582.2	41105.2	36379.1
70°	35409.0	36549.6	39173.7	41800.0	40602.6	38026.6	32669.1
72.5°	27506.1	28788.7	32684.4	36582.3	35479.0	32323.9	26833.2
75°	20435.7	21884.3	26184.2	30484.2	28952.6	24178.5	19212.1
77.5°	14497.0	15467.1	19712.5	23960.0	21462.6	16094.2	12928.3
80°	10553.2	10256.1	12622.4	14988.6	14573.5	10645.0	8302.7
82.5°	8125.8	7400.4	8514.7	9629.0	9567.8	7387.3	6091.6
85°	6192.1	5901.5	6886.9	7872.3	7028.9	5003.5	3871.7
87.5°	3609.5	4059.6	5219.8	6382.2	4789.4	1518.5	751.6
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: P320662
 CATALOG NUMBER: GAN-SA8D-740-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)