

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: P320663

Luminaire Tested: **GAN-SA9D-740-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320663
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-740-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 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: 60959 lumens
Efficiency: N/A
Efficacy: 106.0 lumens/watt
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B4 - U0 - G5

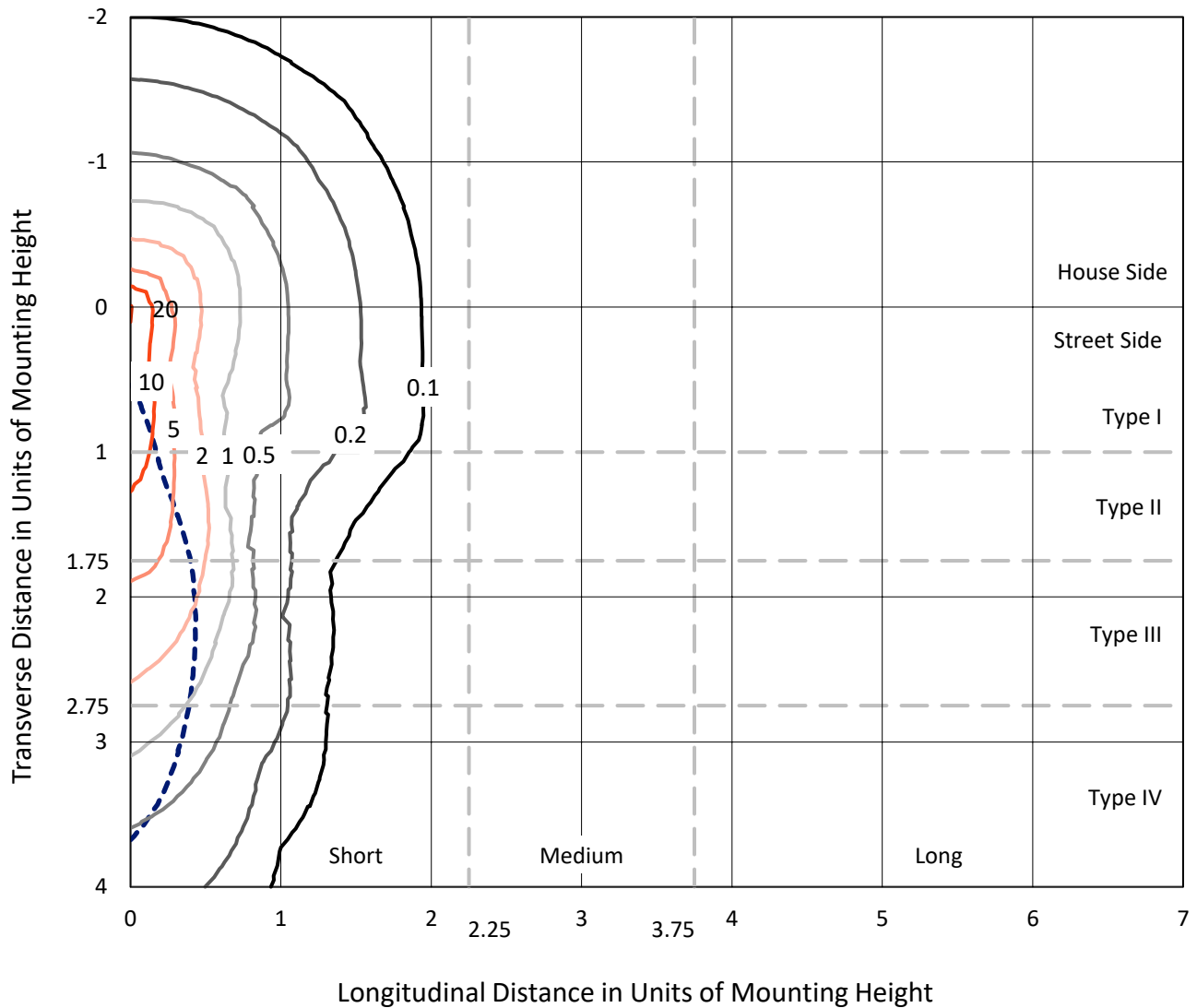
Input Watts (W): 575
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

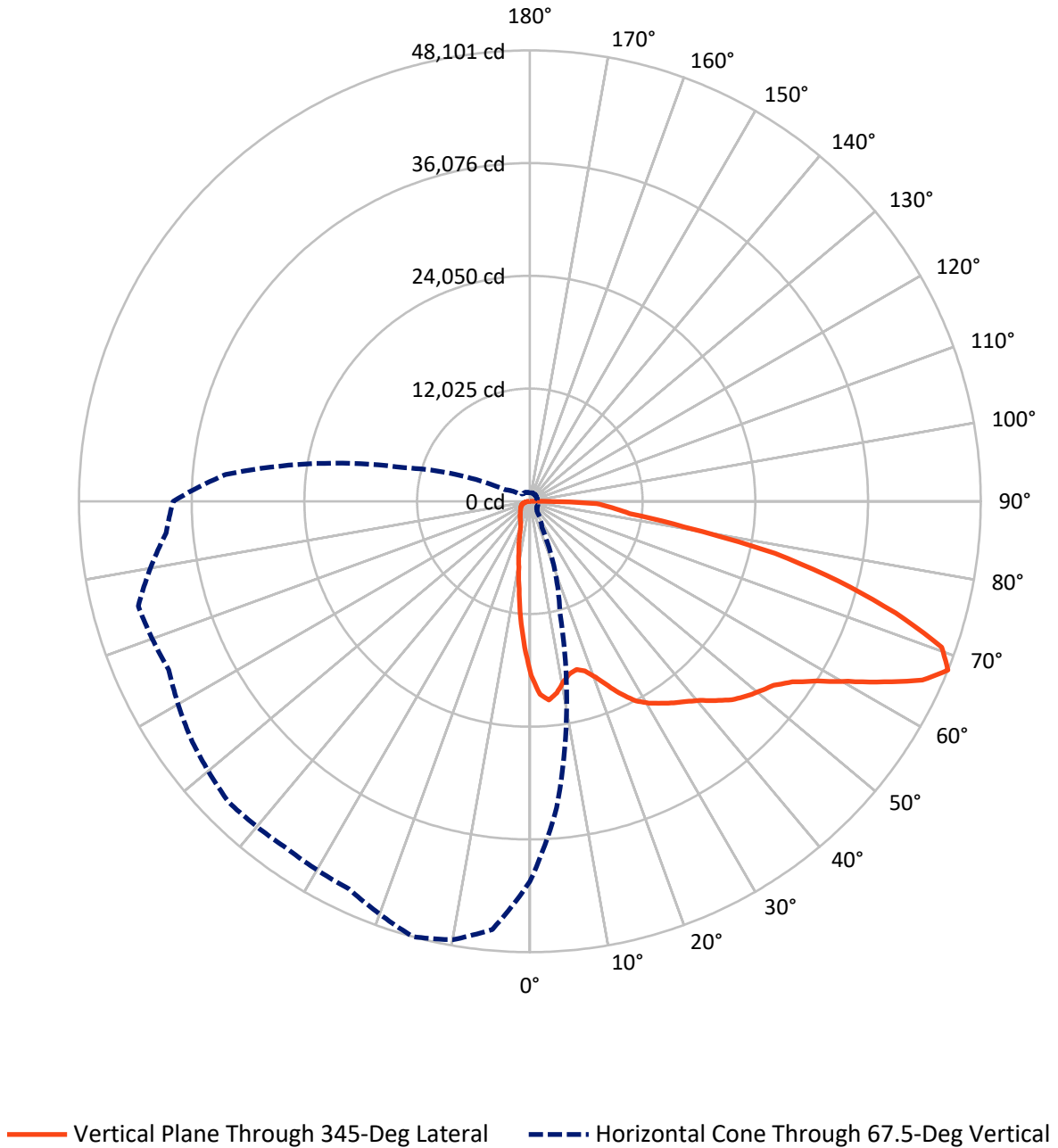
× Max cd
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 20.6 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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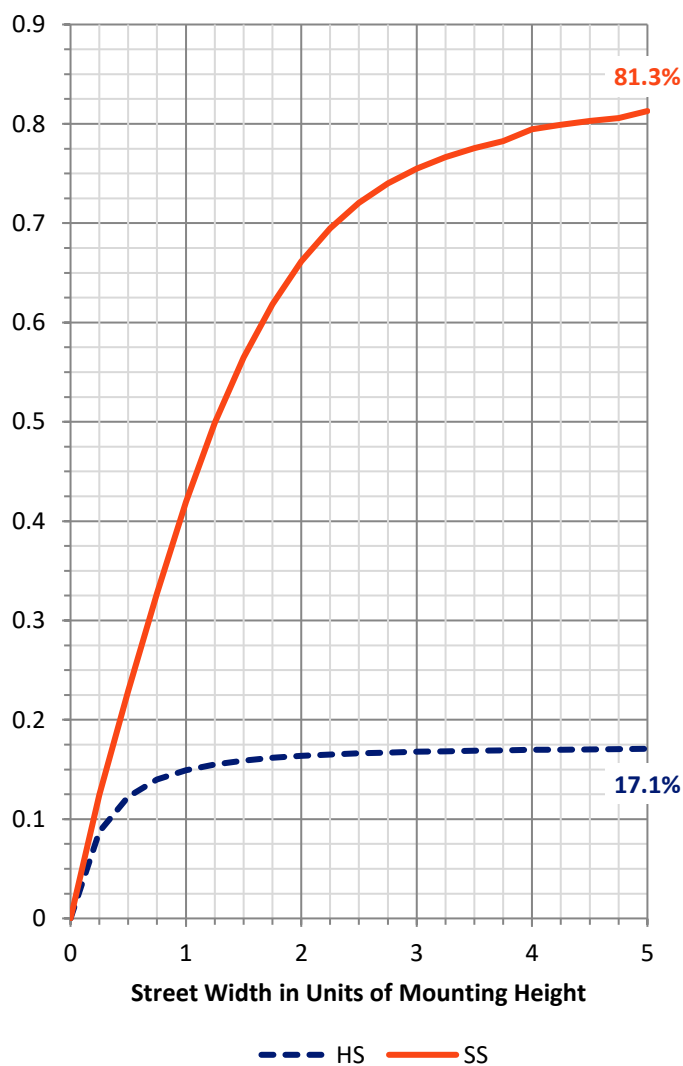
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10538.5	0.0	10538.5
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	50420.5	0.0	50420.5
	% Fixture	82.7	0.0	82.7
Total	Lumens	60959.0	0.0	60959.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1433.3	2.4
10°-20°	2977.5	4.9
20°-30°	4234.7	6.9
30°-40°	6102.2	10.0
40°-50°	8599.8	14.1
50°-60°	11955.1	19.6
60°-70°	14457.3	23.7
70°-80°	8886.7	14.6
80°-90°	2312.4	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°	60959.0	100.0
0°-180°	60959.0	100.0

Coefficient of Utilization



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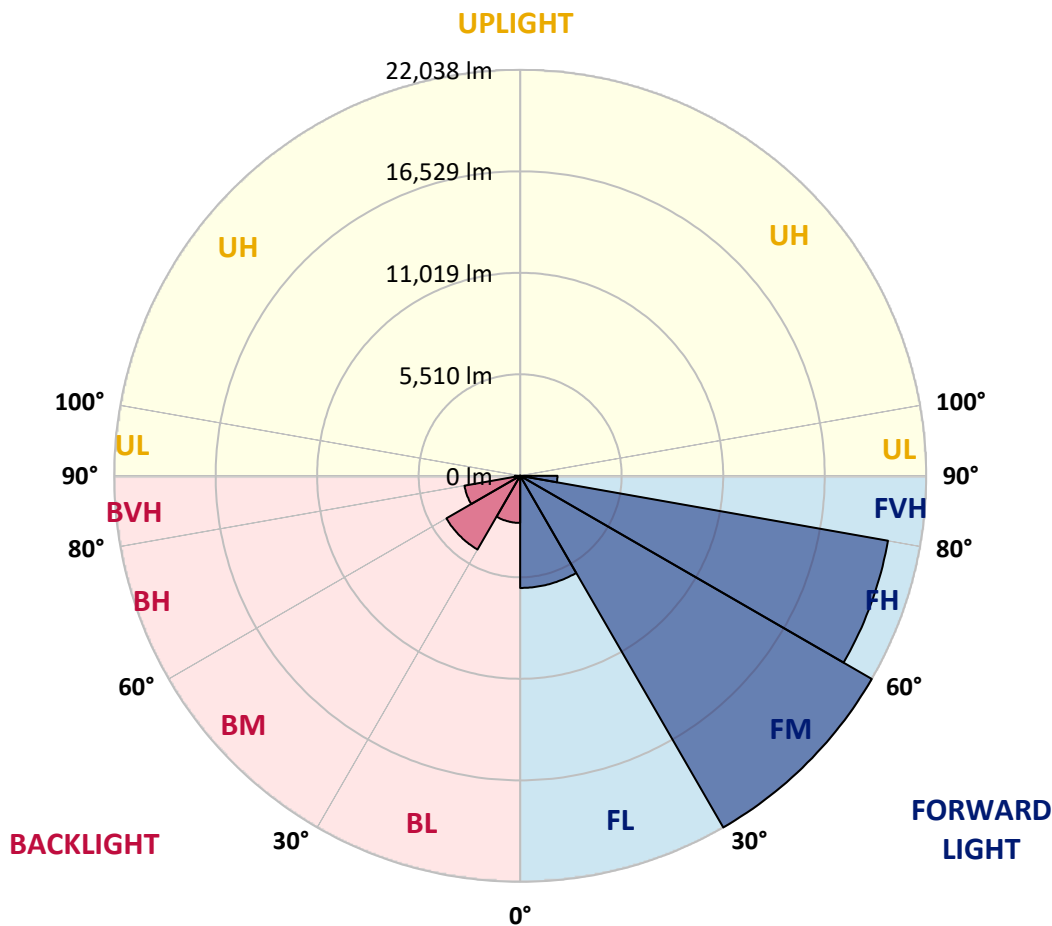
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	6086.9	10.0			
FM (30°-60°)	22038.2	36.2			
FH (60°-80°)	20272.9	33.3			G5
FVH (80°-90°)	2022.5	3.3			G5
BL (0°-30°)	2558.7	4.2	B4/5000		
BM (30°-60°)	4618.9	7.6	B3/5000		
BH (60°-80°)	3071.1	5.0	B4/5000		G4/5000
BVH (80°-90°)	289.9	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°	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6
2.5°	19895.0	19719.5	19453.9	19188.2	18990.8	18790.9	18564.3	18337.6	18079.3	17818.5	17664.9
5°	19566.0	19078.5	18444.8	17811.2	17392.0	16972.8	16497.5	16022.3	15551.9	15081.5	14828.0
7.5°	18084.1	17353.0	16529.2	15705.4	15096.1	14484.4	13826.3	13165.8	12580.9	11993.5	11630.4
10°	16626.7	15749.3	14803.6	13855.6	13075.7	12295.8	11635.3	10972.3	10531.2	10090.1	9756.2
12.5°	15581.1	14608.7	13568.0	12524.9	11744.9	10965.0	10545.8	10126.6	9761.0	9395.5	9010.4
15°	15166.8	14067.6	13002.5	11935.0	11225.8	10516.6	10051.1	9583.1	9093.3	8600.9	8128.1
17.5°	15532.4	14245.5	13087.8	11930.2	11001.6	10073.0	9422.3	8769.1	8123.2	7477.4	6929.0
20°	16673.0	15030.3	13516.8	12000.8	10765.2	9529.5	8657.0	7782.0	6953.4	6124.7	5503.2
22.5°	18274.2	16100.2	14123.7	12147.1	10550.7	8951.9	7857.6	6760.8	5781.1	4801.3	4192.0
25°	20219.1	17518.7	14998.6	12476.1	10463.0	8447.4	7102.0	5756.7	4723.3	3687.5	3253.7
27.5°	22268.8	19210.1	16085.6	12958.7	10477.6	7996.5	6465.9	4932.9	4001.9	3070.9	2773.6
30°	23977.3	21142.8	17353.0	13560.7	10533.6	7506.6	5866.4	4226.1	3458.4	2690.7	2498.1
32.5°	25539.6	22490.6	18308.4	14123.7	10597.0	7067.9	5403.3	3736.3	3109.9	2481.1	2322.7
35°	27153.0	23687.3	18976.2	14262.6	10487.3	6709.7	5086.5	3463.3	2885.7	2305.6	2171.6
37.5°	28929.7	24981.5	19619.6	14255.3	10302.1	6348.9	4840.3	3329.2	2739.4	2147.2	2049.7
40°	30911.2	26412.1	20316.6	14221.2	10133.9	6044.3	4657.5	3268.3	2659.0	2047.3	1964.4
42.5°	32848.8	27776.9	20964.9	14152.9	9997.5	5839.6	4477.2	3114.8	2585.9	2054.6	1937.6
45°	34303.8	28968.7	21527.9	14084.7	9895.1	5705.5	4335.8	2966.1	2517.6	2069.2	1920.5
47.5°	35407.9	30165.4	22151.9	14135.8	9885.3	5634.8	4235.9	2836.9	2388.5	1937.6	1876.7
50°	36811.7	31603.4	23060.9	14518.5	10019.4	5520.3	4118.9	2715.1	2264.2	1813.3	1896.2
52.5°	38559.2	33655.5	24469.6	15281.3	10299.7	5318.0	3933.7	2549.3	2113.1	1674.4	1803.5
55°	41125.6	36285.3	26270.7	16253.8	10638.4	5020.7	3653.4	2283.7	1913.2	1540.3	1654.9
57.5°	43428.7	38941.8	27998.7	17053.2	10850.5	4645.3	3300.0	1954.6	1689.0	1423.3	1489.1
60°	44454.8	40311.5	28807.9	17301.8	10723.7	4145.7	2902.7	1657.3	1491.6	1325.8	1313.7
62.5°	44055.1	39441.5	28010.9	16580.4	10104.7	3629.0	2551.8	1474.5	1350.2	1223.5	1196.7
65°	42885.2	36706.9	25778.4	14850.0	9059.1	3268.3	2330.0	1391.7	1252.7	1113.8	1084.6
67.5°	40579.6	32814.7	22614.9	12415.2	7730.8	3046.5	2203.2	1360.0	1191.8	1021.2	987.1
70°	36441.2	28130.3	18971.3	9809.8	6361.1	2910.0	2120.4	1330.7	1126.0	918.8	887.1
72.5°	29931.4	22554.0	15149.7	7743.0	5318.0	2893.0	2110.6	1328.3	1072.4	816.5	787.2
75°	21430.4	17131.2	11564.6	5995.5	4355.3	2715.1	2003.4	1291.7	999.3	704.4	677.5
77.5°	14421.0	11857.1	8037.9	4216.4	3231.7	2247.1	1684.1	1121.1	855.5	589.8	563.0
80°	9261.4	8206.1	5386.2	2566.4	2096.0	1625.6	1204.0	782.3	623.9	463.1	441.1
82.5°	6795.0	6107.7	3743.6	1379.5	1165.0	948.1	736.0	524.0	426.5	329.0	319.3
85°	4318.7	4762.3	2756.5	750.7	614.2	477.7	394.8	312.0	246.2	180.4	180.4
87.5°	838.4	1160.1	762.8	363.1	265.7	168.2	143.8	117.0	65.8	12.2	14.6
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):

	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°	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6
2.5°	17509.0	17340.8	17172.6	16982.5	16790.0	16612.1	16431.7	16234.3	16270.9	16119.7	15968.6
5°	14574.5	14306.5	14035.9	13802.0	13568.0	13365.7	13161.0	12978.2	13136.6	13029.4	12922.1
7.5°	11264.8	10933.3	10599.4	10319.2	10038.9	9822.0	9602.6	9451.5	9607.5	9588.0	9568.5
10°	9422.3	9100.6	8776.4	8466.9	8157.4	7894.1	7628.5	7404.3	7365.3	7253.2	7138.6
12.5°	8622.9	8181.7	7738.2	7414.0	7089.9	6775.5	6461.1	6197.8	6078.4	5893.2	5705.5
15°	7655.3	7133.7	6612.2	6244.1	5873.7	5569.0	5261.9	5035.3	4959.7	4815.9	4672.1
17.5°	6380.6	5810.3	5240.0	4867.1	4491.8	4248.1	4001.9	3850.8	3850.8	3809.4	3767.9
20°	4881.7	4372.4	3863.0	3577.8	3292.7	3163.5	3031.9	2968.5	2988.0	2990.5	2990.5
22.5°	3580.3	3268.3	2956.3	2841.8	2724.8	2678.5	2632.2	2605.4	2615.1	2617.6	2620.0
25°	2819.9	2700.4	2578.6	2520.1	2459.2	2429.9	2400.7	2390.9	2412.8	2415.3	2415.3
27.5°	2476.2	2403.1	2327.5	2291.0	2252.0	2239.8	2227.6	2210.6	2232.5	2232.5	2230.1
30°	2303.2	2225.2	2147.2	2100.9	2054.6	2059.4	2061.9	2057.0	2071.6	2081.4	2088.7
32.5°	2161.8	2086.3	2010.7	1964.4	1915.7	1908.3	1901.0	1896.2	1927.8	1944.9	1962.0
35°	2035.1	1952.2	1869.3	1825.5	1781.6	1764.5	1747.5	1735.3	1764.5	1786.5	1808.4
37.5°	1949.8	1864.5	1776.7	1735.3	1691.4	1669.5	1647.6	1632.9	1645.1	1654.9	1664.6
40°	1881.5	1793.8	1703.6	1654.9	1606.1	1584.2	1562.3	1550.1	1557.4	1559.8	1562.3
42.5°	1818.2	1732.9	1647.6	1593.9	1537.9	1511.1	1484.3	1469.6	1474.5	1479.4	1481.8
45°	1771.9	1686.6	1598.8	1535.4	1469.6	1440.4	1411.1	1394.1	1396.5	1396.5	1396.5
47.5°	1815.7	1691.4	1564.7	1491.6	1416.0	1381.9	1347.8	1330.7	1325.8	1321.0	1316.1
50°	1976.6	1764.5	1550.1	1457.5	1362.4	1325.8	1286.8	1267.4	1255.2	1250.3	1245.4
52.5°	1930.3	1747.5	1562.3	1442.8	1321.0	1277.1	1233.2	1201.5	1189.4	1182.0	1174.7
55°	1767.0	1652.4	1535.4	1391.7	1247.9	1208.9	1167.4	1145.5	1123.6	1118.7	1113.8
57.5°	1552.5	1506.2	1459.9	1313.7	1167.4	1130.9	1091.9	1077.2	1057.8	1057.8	1055.3
60°	1299.0	1367.3	1435.5	1267.4	1096.7	1055.3	1013.9	1001.7	994.4	991.9	989.5
62.5°	1167.4	1279.5	1389.2	1211.3	1030.9	987.1	943.2	928.6	926.1	928.6	928.6
65°	1055.3	1089.4	1123.6	1040.7	957.8	914.0	867.6	853.0	857.9	865.2	872.5
67.5°	953.0	945.6	938.3	909.1	877.4	840.8	801.8	787.2	789.7	799.4	809.2
70°	855.5	845.7	833.5	811.6	789.7	758.0	726.3	716.5	714.1	726.3	736.0
72.5°	758.0	745.8	731.2	714.1	694.6	667.8	641.0	633.7	636.1	643.4	650.7
75°	650.7	641.0	628.8	614.2	597.1	572.7	548.4	543.5	548.4	555.7	563.0
77.5°	533.8	531.3	526.4	514.3	502.1	475.3	446.0	443.6	450.9	458.2	463.1
80°	416.8	419.2	421.6	411.9	402.1	372.9	341.2	338.8	346.1	353.4	360.7
82.5°	307.1	314.4	319.3	307.1	294.9	260.8	226.7	221.8	246.2	253.5	260.8
85°	177.9	187.7	197.4	187.7	177.9	143.8	109.7	107.2	129.2	141.4	153.5
87.5°	14.6	19.5	24.4	21.9	19.5	9.7	0.0	0.0	2.4	12.2	21.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320663
 CATALOG NUMBER: GAN-SA9D-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: P320663

CATALOG NUMBER: GAN-SA9D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6
2.5°	15873.6	15778.5	15749.3	15720.0	15612.8	15503.1	15615.2	15724.9	15771.2	15817.5	15698.1
5°	12907.5	12890.4	12890.4	12888.0	12790.5	12690.6	12766.1	12839.3	12676.0	12512.7	12495.6
7.5°	9673.3	9778.1	9863.4	9946.3	9914.6	9882.9	9953.6	10024.3	9817.1	9607.5	9505.1
10°	7163.0	7184.9	7277.5	7370.1	7392.1	7411.6	7499.3	7584.6	7423.8	7262.9	7192.2
12.5°	5588.5	5471.5	5483.7	5493.5	5537.4	5578.8	5671.4	5761.6	5695.8	5627.5	5634.8
15°	4525.9	4377.2	4316.3	4252.9	4301.7	4350.4	4416.2	4479.6	4482.0	4482.0	4545.4
17.5°	3694.8	3619.3	3558.3	3495.0	3560.8	3624.1	3631.5	3638.8	3641.2	3643.6	3638.8
20°	3027.0	3063.6	3044.1	3024.6	3049.0	3070.9	3090.4	3107.4	3085.5	3061.1	3000.2
22.5°	2654.1	2685.8	2710.2	2732.1	2773.6	2812.5	2793.0	2771.1	2727.2	2680.9	2634.6
25°	2437.2	2459.2	2483.5	2507.9	2542.0	2573.7	2539.6	2505.5	2473.8	2442.1	2410.4
27.5°	2254.4	2276.4	2298.3	2317.8	2349.5	2378.7	2347.0	2315.4	2288.5	2261.7	2237.4
30°	2105.8	2120.4	2137.4	2154.5	2183.7	2210.6	2183.7	2154.5	2135.0	2113.1	2096.0
32.5°	1979.0	1993.6	2001.0	2008.3	2035.1	2061.9	2042.4	2022.9	2005.8	1988.8	1976.6
35°	1840.1	1869.3	1874.2	1879.1	1905.9	1932.7	1920.5	1905.9	1886.4	1866.9	1845.0
37.5°	1698.7	1732.9	1752.4	1769.4	1796.2	1823.0	1810.9	1798.7	1771.9	1745.0	1706.1
40°	1579.3	1593.9	1630.5	1664.6	1708.5	1749.9	1725.5	1698.7	1657.3	1615.9	1596.4
42.5°	1479.4	1477.0	1511.1	1545.2	1611.0	1674.4	1630.5	1586.6	1547.6	1508.6	1503.8
45°	1391.7	1384.3	1401.4	1418.5	1489.1	1557.4	1513.5	1467.2	1445.3	1423.3	1423.3
47.5°	1313.7	1308.8	1321.0	1330.7	1374.6	1416.0	1394.1	1372.2	1360.0	1347.8	1350.2
50°	1243.0	1238.1	1250.3	1260.0	1277.1	1291.7	1296.6	1299.0	1291.7	1284.4	1289.3
52.5°	1177.2	1177.2	1182.0	1184.5	1206.4	1228.4	1228.4	1225.9	1225.9	1225.9	1230.8
55°	1121.1	1126.0	1126.0	1126.0	1160.1	1191.8	1182.0	1172.3	1174.7	1174.7	1179.6
57.5°	1065.1	1072.4	1077.2	1082.1	1116.2	1150.4	1140.6	1130.9	1130.9	1130.9	1133.3
60°	1001.7	1011.4	1021.2	1030.9	1065.1	1099.2	1089.4	1077.2	1079.7	1082.1	1084.6
62.5°	940.8	950.5	960.3	970.0	1004.1	1038.3	1028.5	1016.3	1023.6	1028.5	1028.5
65°	882.3	889.6	899.3	909.1	940.8	972.4	962.7	953.0	962.7	970.0	974.9
67.5°	816.5	821.3	831.1	840.8	872.5	904.2	894.5	882.3	894.5	904.2	914.0
70°	740.9	745.8	758.0	767.7	799.4	831.1	818.9	806.7	818.9	831.1	840.8
72.5°	658.0	662.9	675.1	684.9	721.4	758.0	743.4	728.7	743.4	758.0	762.8
75°	567.9	572.7	587.4	599.6	636.1	672.7	660.5	645.9	658.0	670.2	672.7
77.5°	470.4	477.7	497.2	516.7	545.9	575.2	567.9	560.6	567.9	575.2	575.2
80°	368.0	375.3	399.7	421.6	438.7	455.8	458.2	460.6	463.1	465.5	463.1
82.5°	273.0	282.7	304.7	326.6	326.6	326.6	346.1	363.1	363.1	360.7	358.3
85°	168.2	180.4	199.9	219.3	207.2	195.0	226.7	255.9	255.9	253.5	248.6
87.5°	34.1	46.3	65.8	82.9	70.7	58.5	90.2	121.9	124.3	124.3	119.4
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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 CATALOG NUMBER: GAN-SA9D-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: P320663

CATALOG NUMBER: GAN-SA9D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6
2.5°	15576.2	15766.3	15954.0	16002.8	16075.9	16107.6	16136.8	16375.7	16612.1	16889.9	17167.7
5°	12476.1	12617.5	12758.8	12780.8	12856.3	12895.3	12934.3	13224.3	13511.9	13899.4	14287.0
7.5°	9402.8	9436.9	9471.0	9466.1	9529.5	9614.8	9697.7	10007.2	10314.3	10731.1	11145.4
10°	7121.5	7199.5	7275.1	7345.8	7484.7	7645.5	7804.0	8120.8	8437.6	8849.5	9259.0
12.5°	5642.2	5732.3	5820.1	5898.1	6058.9	6273.4	6485.4	6865.6	7245.8	7738.2	8228.0
15°	4606.3	4599.0	4591.7	4645.3	4786.7	5020.7	5252.2	5654.3	6056.5	6597.5	7136.2
17.5°	3633.9	3597.3	3560.8	3602.2	3733.8	3926.4	4116.5	4457.7	4796.4	5320.4	5844.4
20°	2939.3	2914.9	2890.5	2929.5	3012.4	3092.8	3173.3	3419.4	3663.1	4089.6	4513.7
22.5°	2585.9	2583.4	2578.6	2600.5	2639.5	2680.9	2719.9	2839.4	2956.3	3231.7	3504.7
25°	2378.7	2376.3	2373.8	2383.6	2415.3	2447.0	2478.6	2556.6	2634.6	2766.2	2897.8
27.5°	2213.0	2208.1	2203.2	2205.7	2213.0	2261.7	2308.0	2344.6	2378.7	2468.9	2556.6
30°	2078.9	2076.5	2074.1	2074.1	2066.8	2083.8	2100.9	2156.9	2210.6	2303.2	2395.8
32.5°	1964.4	1952.2	1940.0	1913.2	1896.2	1920.5	1944.9	2003.4	2061.9	2147.2	2232.5
35°	1820.6	1788.9	1754.8	1740.2	1742.6	1767.0	1791.4	1849.8	1905.9	1998.5	2088.7
37.5°	1664.6	1654.9	1642.7	1640.2	1647.6	1671.9	1696.3	1747.5	1796.2	1888.8	1979.0
40°	1576.9	1572.0	1567.1	1562.3	1567.1	1591.5	1615.9	1664.6	1710.9	1801.1	1888.8
42.5°	1498.9	1496.5	1494.0	1494.0	1496.5	1523.3	1550.1	1598.8	1645.1	1725.5	1806.0
45°	1423.3	1425.8	1425.8	1430.6	1438.0	1464.8	1489.1	1542.8	1596.4	1674.4	1752.4
47.5°	1352.7	1360.0	1364.8	1377.0	1384.3	1413.6	1440.4	1498.9	1557.4	1654.9	1749.9
50°	1291.7	1299.0	1303.9	1313.7	1333.2	1367.3	1401.4	1472.1	1540.3	1703.6	1864.5
52.5°	1235.7	1243.0	1250.3	1260.0	1284.4	1323.4	1362.4	1450.1	1535.4	1725.5	1915.7
55°	1184.5	1191.8	1196.7	1211.3	1235.7	1269.8	1301.5	1408.7	1515.9	1654.9	1793.8
57.5°	1135.7	1143.1	1147.9	1157.7	1169.9	1206.4	1240.5	1355.1	1469.6	1567.1	1662.2
60°	1084.6	1089.4	1091.9	1091.9	1101.6	1143.1	1184.5	1330.7	1474.5	1457.5	1438.0
62.5°	1028.5	1033.4	1035.8	1028.5	1040.7	1084.6	1128.4	1318.5	1508.6	1391.7	1274.7
65°	977.3	974.9	972.4	965.1	979.8	1023.6	1065.1	1160.1	1255.2	1208.9	1162.6
67.5°	921.3	914.0	906.6	896.9	911.5	950.5	987.1	1018.8	1050.4	1055.3	1060.2
70°	850.6	840.8	831.1	828.7	836.0	867.6	899.3	921.3	940.8	950.5	957.8
72.5°	767.7	760.4	753.1	748.2	750.7	777.5	801.8	821.3	840.8	848.2	853.0
75°	675.1	675.1	672.7	658.0	658.0	680.0	699.5	716.5	733.6	743.4	753.1
77.5°	575.2	577.6	577.6	558.1	555.7	577.6	597.1	611.7	623.9	633.7	641.0
80°	460.6	455.8	450.9	438.7	433.8	460.6	485.0	497.2	506.9	509.4	509.4
82.5°	353.4	343.6	331.5	304.7	307.1	336.3	363.1	372.9	382.6	382.6	382.6
85°	241.3	221.8	199.9	177.9	180.4	212.0	241.3	251.0	260.8	265.7	268.1
87.5°	114.5	95.1	73.1	56.1	56.1	82.9	107.2	112.1	117.0	126.7	136.5
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: P320663
 CATALOG NUMBER: GAN-SA9D-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: P320663

CATALOG NUMBER: GAN-SA9D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6
2.5°	17379.8	17589.4	17806.3	18023.2	18271.8	18520.4	18810.4	19098.0	19344.2	19590.3	19795.1
5°	14620.9	14954.8	15347.1	15739.5	16239.2	16738.8	17350.5	17959.8	18503.3	19046.8	19678.1
7.5°	11581.6	12015.5	12527.3	13039.1	13685.0	14330.8	15122.9	15915.0	16682.7	17448.0	18418.0
10°	9714.7	10170.5	10675.0	11177.1	11835.1	12490.7	13329.1	14165.1	15027.9	15888.2	16985.0
12.5°	8735.0	9239.5	9683.1	10126.6	10660.4	11191.7	12003.3	12814.9	13828.8	14840.2	15895.5
15°	7689.4	8240.2	8771.5	9302.9	9885.3	10465.4	11255.1	12044.7	13153.7	14262.6	15476.3
17.5°	6424.5	7004.6	7652.9	8298.7	9059.1	9817.1	10828.5	11840.0	13153.7	14464.9	15895.5
20°	5106.0	5698.2	6473.2	7248.3	8193.9	9137.1	10448.3	11759.6	13529.0	15296.0	17121.4
22.5°	4028.7	4550.3	5396.0	6239.3	7331.1	8423.0	10104.7	11783.9	14096.9	16407.3	18871.4
25°	3265.9	3633.9	4465.0	5293.6	6553.7	7813.7	9895.1	11974.0	14923.1	17869.7	20925.9
27.5°	2797.9	3039.2	3814.2	4586.8	5963.9	7338.5	9809.8	12278.7	15971.1	19663.5	23160.9
30°	2564.0	2732.1	3387.7	4040.9	5439.9	6838.8	9707.4	12576.0	16980.1	21381.7	24908.3
32.5°	2369.0	2503.0	3063.6	3621.7	4986.5	6351.4	9510.0	12666.2	17684.4	22702.7	26387.7
35°	2203.2	2315.4	2802.8	3290.2	4630.7	5971.2	9178.6	12385.9	18125.6	23865.2	27928.1
37.5°	2069.2	2156.9	2607.8	3058.7	4323.6	5588.5	8800.8	12013.0	18518.0	25022.9	29660.9
40°	1964.4	2039.9	2461.6	2883.2	4031.2	5179.1	8476.6	11771.8	19059.0	26346.3	31491.3
42.5°	1905.9	2003.4	2334.9	2663.9	3753.3	4842.7	8215.9	11589.0	19561.1	27530.8	33092.5
45°	1891.3	2030.2	2269.0	2507.9	3546.1	4584.4	7984.3	11381.8	19885.2	28388.7	34298.9
47.5°	1866.9	1981.5	2217.9	2454.3	3443.8	4430.9	7860.0	11286.7	20209.4	29129.6	35300.6
50°	1881.5	1896.2	2176.4	2454.3	3429.2	4404.0	8001.4	11598.7	20911.3	30221.5	36446.1
52.5°	1854.7	1791.4	2098.4	2405.5	3426.7	4447.9	8408.4	12368.9	22215.2	32059.1	37686.7
55°	1713.4	1630.5	1952.2	2273.9	3375.5	4474.7	8893.4	13309.6	23965.1	34618.2	39916.7
57.5°	1589.1	1513.5	1786.5	2057.0	3219.6	4382.1	9393.0	14401.5	25815.0	37226.0	42429.5
60°	1423.3	1406.3	1601.3	1796.2	2978.3	4157.9	9804.9	15449.5	27058.0	38664.0	43397.1
62.5°	1286.8	1296.6	1440.4	1584.2	2676.1	3765.5	9941.4	16114.9	27023.8	37932.8	42422.2
65°	1182.0	1199.1	1340.5	1481.8	2417.7	3353.6	9493.0	15629.9	25656.6	35680.8	40494.3
67.5°	1079.7	1099.2	1267.4	1433.1	2188.6	2941.7	8371.8	13799.5	23197.4	32592.9	38042.5
70°	982.2	1006.6	1189.4	1372.2	2022.9	2671.2	6926.6	11181.9	20119.2	29054.0	35203.1
72.5°	877.4	901.8	1096.7	1291.7	1918.1	2542.0	5647.0	8749.6	16326.9	23901.8	30111.8
75°	770.2	787.2	999.3	1208.9	1774.3	2339.7	4430.9	6519.6	12495.6	18471.7	22744.1
77.5°	662.9	684.9	862.8	1038.3	1506.2	1971.7	3339.0	4706.3	9168.8	13628.9	15817.5
80°	528.9	548.4	675.1	799.4	1162.6	1523.3	2295.9	3068.5	6310.0	9551.4	10784.7
82.5°	404.6	426.5	511.8	594.7	828.7	1062.6	1391.7	1720.7	4192.0	6660.9	6763.3
85°	277.8	285.2	346.1	404.6	511.8	619.1	797.0	974.9	2773.6	4572.2	3809.4
87.5°	138.9	138.9	180.4	221.8	275.4	329.0	421.6	511.8	887.1	1262.5	726.3
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: P320663
 CATALOG NUMBER: GAN-SA9D-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: P320663

CATALOG NUMBER: GAN-SA9D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6
2.5°	20055.8	20233.8	20414.1	20550.6	20689.5	20889.4	21089.2	21125.8	21164.8	21086.8	21008.8
5°	20314.2	20852.8	21393.9	21893.5	22393.1	22692.9	22992.7	23053.6	23114.6	22926.9	22736.8
7.5°	19356.4	20294.7	21233.0	22093.4	22953.7	23475.3	23999.3	24116.2	24235.7	23928.6	23621.5
10°	18076.8	19229.6	20382.4	21515.7	22649.0	23407.0	24165.0	24316.1	24467.2	24084.6	23701.9
12.5°	17087.3	18318.1	19548.9	20743.1	21939.8	22724.6	23509.4	23697.0	23884.7	23606.9	23326.6
15°	16782.7	17940.3	19098.0	20138.7	21181.8	21822.8	22466.3	22541.8	22619.8	22575.9	22532.1
17.5°	17335.9	18381.5	19429.5	19994.9	20562.8	20818.7	21077.0	21159.9	21245.2	21354.9	21467.0
20°	18676.4	19412.4	20150.9	20126.5	20099.7	19975.4	19848.7	19826.7	19804.8	20119.2	20436.1
22.5°	20677.3	20969.8	21264.7	20579.8	19895.0	19478.2	19059.0	18976.2	18890.9	19224.8	19561.1
25°	22848.9	22795.3	22739.2	21435.3	20129.0	19334.4	18539.9	18447.3	18354.7	18639.8	18927.4
27.5°	24998.5	24647.6	24296.6	22524.7	20752.9	19600.1	18447.3	18354.7	18262.1	18515.5	18769.0
30°	26575.4	26012.4	25449.4	23443.6	21437.7	20068.0	18698.3	18547.2	18393.7	18705.6	19017.6
32.5°	27806.2	27050.7	26295.1	24189.4	22083.6	20601.8	19120.0	18883.5	18647.1	19063.9	19480.7
35°	29034.5	27971.9	26906.9	24854.7	22800.2	21233.0	19663.5	19373.4	19083.4	19656.1	20228.9
37.5°	30579.7	29054.0	27525.9	25602.9	23680.0	22178.7	20674.9	20377.6	20080.2	20808.9	21540.1
40°	32256.5	30221.5	28186.4	26421.9	24657.3	23487.4	22315.1	22032.4	21747.3	22634.4	23521.6
42.5°	33650.6	31308.5	28966.3	27408.9	25849.1	25025.3	24199.1	24196.7	24191.8	25091.1	25990.5
45°	34783.9	32215.1	29643.9	28371.6	27097.0	26668.0	26239.1	26582.7	26926.4	27737.9	28552.0
47.5°	35629.7	32975.5	30319.0	29473.2	28627.5	28690.9	28754.3	29453.7	30153.2	30674.8	31198.8
50°	36180.5	33665.3	31147.6	30886.8	30626.0	31193.9	31764.2	32566.1	33370.4	33726.2	34082.0
52.5°	36982.3	34601.1	32217.6	32510.0	32802.5	33962.6	35122.7	35934.3	36745.9	36877.5	37011.6
55°	38837.0	36321.8	33804.2	34364.7	34927.7	36628.9	38332.5	38966.2	39599.9	39648.6	39697.4
57.5°	41471.7	38732.2	35992.8	36597.2	37201.7	39166.1	41132.9	41815.3	42500.2	42405.1	42307.6
60°	43443.4	41020.8	38595.7	39205.0	39814.4	41730.0	43645.7	44430.4	45217.7	45008.1	44798.5
62.5°	43565.2	42271.1	40974.5	41525.3	42078.5	43955.2	45831.8	46638.6	47445.3	47079.7	46714.1
65°	41627.6	42207.7	42787.8	42970.5	43153.3	44903.3	46655.6	47272.2	47891.3	47706.1	47520.8
67.5°	38958.9	41096.3	43236.2	42868.2	42500.2	43321.5	44142.8	44779.0	45415.1	45310.3	45203.0
70°	36295.0	39149.0	42003.0	40194.6	38383.7	38044.9	37706.2	38391.0	39078.3	38654.2	38227.7
72.5°	31759.4	34801.0	37845.1	34513.4	31181.7	30024.1	28866.4	29736.5	30606.6	29931.4	29253.9
75°	24930.3	28291.2	31654.6	27679.5	23704.4	22159.2	20614.0	21362.2	22110.4	21647.3	21181.8
77.5°	18559.4	21871.6	25183.7	21142.8	17099.5	15951.6	14801.2	15023.0	15247.2	15169.2	15088.8
80°	12588.2	14896.3	17206.7	14516.1	11825.4	11913.1	12003.3	11898.5	11791.2	11947.2	12103.2
82.5°	8033.1	9814.7	11598.7	10170.5	8742.3	9561.2	10380.1	9978.0	9573.4	9722.1	9873.2
85°	4584.4	6327.0	8072.1	7523.7	6972.9	7450.6	7930.7	7306.8	6682.8	6955.8	7231.2
87.5°	1208.9	3499.8	5793.3	5259.5	4725.8	4106.7	3487.7	2661.4	1835.2	2680.9	3526.7
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



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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: P320663

CATALOG NUMBER: GAN-SA9D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6	18571.6
2.5°	20967.4	20925.9	20777.3	20626.2	20401.9	20216.7	19895.0
5°	22473.6	22210.3	21757.0	21301.3	20794.3	20211.8	19566.0
7.5°	23007.3	22390.7	21520.6	20648.1	19863.3	18942.0	18084.1
10°	22780.7	21856.9	20726.1	19592.8	18639.8	17579.6	16626.7
12.5°	22346.8	21364.6	20119.2	18871.4	17786.8	16648.6	15581.1
15°	21749.7	20964.9	19797.5	18630.1	17538.2	16431.7	15166.8
17.5°	21096.5	20723.6	19880.4	19034.7	18089.0	17016.6	15532.4
20°	20570.1	20706.6	20370.2	20033.9	19275.9	18340.0	16673.0
22.5°	20214.3	20869.9	21128.2	21389.0	20933.2	20202.1	18274.2
25°	20014.4	21101.4	21966.6	22834.3	22632.0	22069.0	20219.1
27.5°	20102.2	21435.3	22778.2	24123.6	24311.2	24155.2	22268.8
30°	20365.4	21715.6	23351.0	24988.8	25737.0	25946.6	23977.3
32.5°	20804.1	22127.5	23909.1	25693.1	26824.0	27491.8	25539.6
35°	21467.0	22705.1	24562.3	26419.4	27881.7	29100.4	27153.0
37.5°	22605.2	23670.2	25383.6	27099.4	28995.6	30825.9	28929.7
40°	24272.2	25025.3	26473.0	27923.2	30309.2	32780.5	30911.2
42.5°	26375.5	26763.1	27911.0	29058.9	31681.4	34554.8	32848.8
45°	28654.3	28756.7	29478.1	30202.0	32768.4	35763.7	34303.8
47.5°	30847.8	30496.9	30784.5	31072.1	33601.9	36626.5	35407.9
50°	33104.7	32127.4	31976.3	31825.2	34435.4	37642.8	36811.7
52.5°	35400.6	33789.6	33192.4	32592.9	35429.8	38990.6	38559.2
55°	37647.7	35598.0	34793.7	33989.4	36950.6	40635.7	41125.6
57.5°	39985.0	37662.3	36916.5	36170.7	39185.5	42719.5	43428.7
60°	42500.2	40199.4	39602.3	39002.8	41964.0	44971.5	44454.8
62.5°	44886.2	43058.3	42743.9	42427.0	44774.1	46701.9	44055.1
65°	46480.1	45437.0	45729.5	46024.4	46899.3	47133.3	42885.2
67.5°	45415.1	45627.1	46862.8	48100.9	47498.9	45851.3	40579.6
70°	39497.5	40769.7	43696.8	46626.4	45290.8	42417.3	36441.2
72.5°	30682.1	32112.8	36458.3	40806.3	39575.5	36056.2	29931.4
75°	22795.3	24411.1	29207.6	34004.0	32295.5	26970.2	21430.4
77.5°	16170.9	17253.0	21988.6	26726.5	23940.8	17952.5	14421.0
80°	11771.8	11440.3	14079.8	16719.3	16256.2	11874.1	9261.4
82.5°	9064.0	8254.8	9497.8	10740.8	10672.6	8240.2	6795.0
85°	6907.1	6582.9	7682.1	8781.3	7840.5	5581.2	4318.7
87.5°	4026.3	4528.3	5822.5	7119.1	5342.4	1693.9	838.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320663
 CATALOG NUMBER: GAN-SA9D-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)