

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: P383593

Luminaire Tested: **GAN-SA8D-735-U-SLR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P383593  
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-735-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(8) 70 CRI, 3500K, 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: 50908.1 lumens  
Efficiency: N/A  
Efficacy: 99.6 lumens/watt  
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
IES Classification: Type IV - Medium  
BUG Rating: B4 - U0 - G5

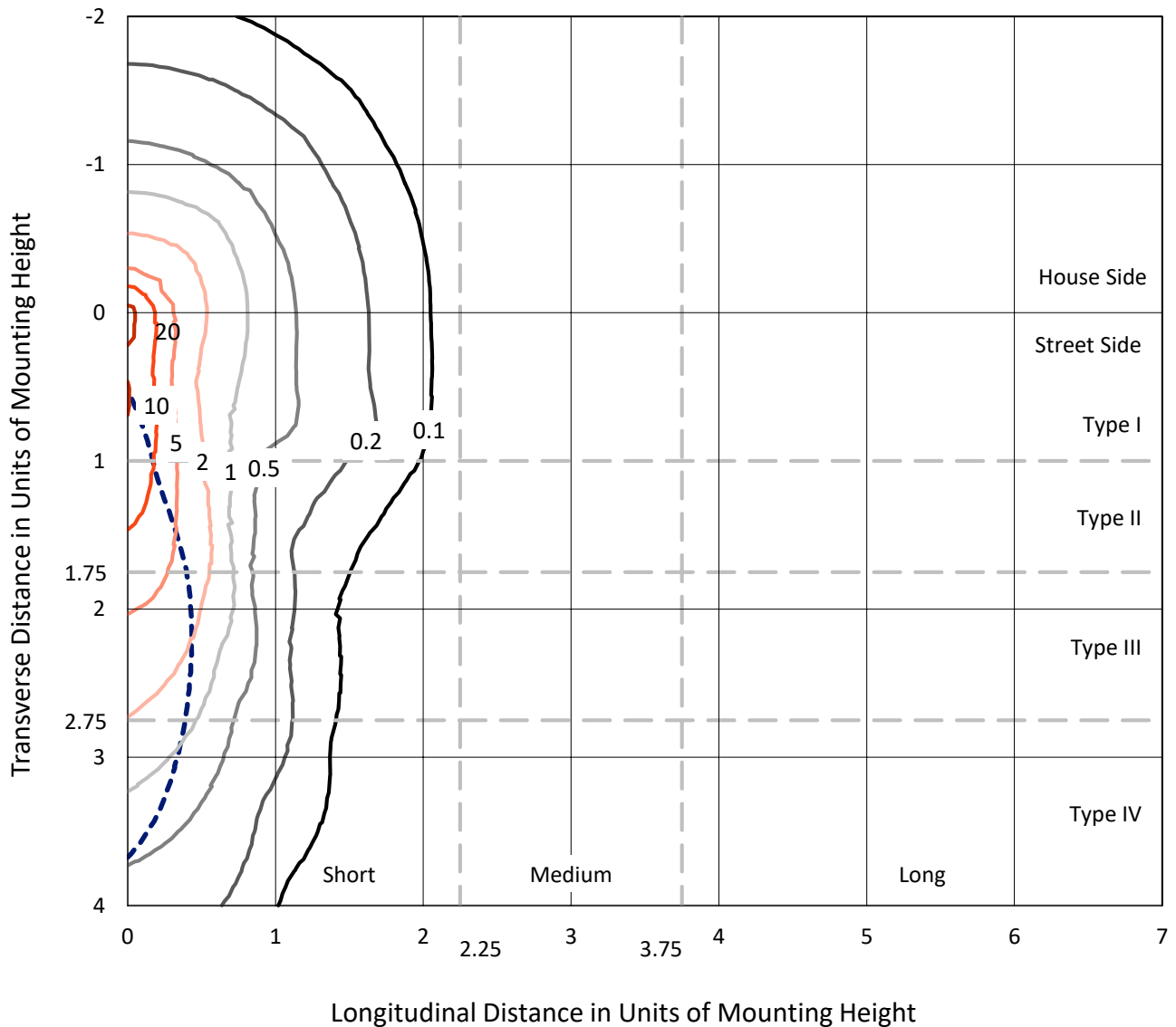
Input Watts (W): 511  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P383593  
 CATALOG NUMBER: GAN-SA8D-735-U-SLR

### Iso-Footcandle Lines of Horizontal Illumination

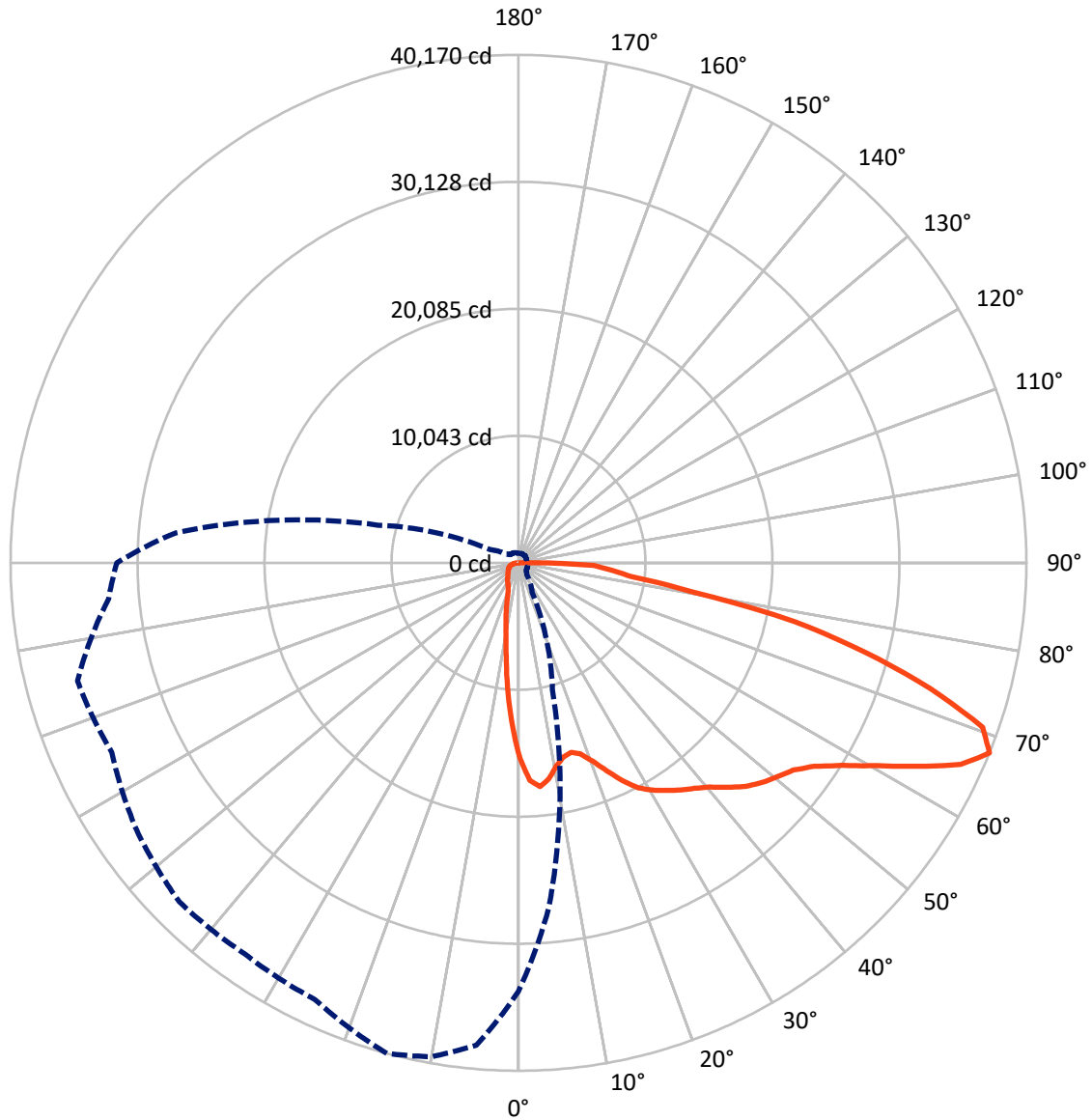
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 24.8 fc  
 Type IV - Medium - N/A

REPORT NUMBER: P383593  
CATALOG NUMBER: GAN-SA8D-735-U-SLR

### Luminous Intensity Polar Plot



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

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 CATALOG NUMBER: GAN-SA8D-735-U-SLR

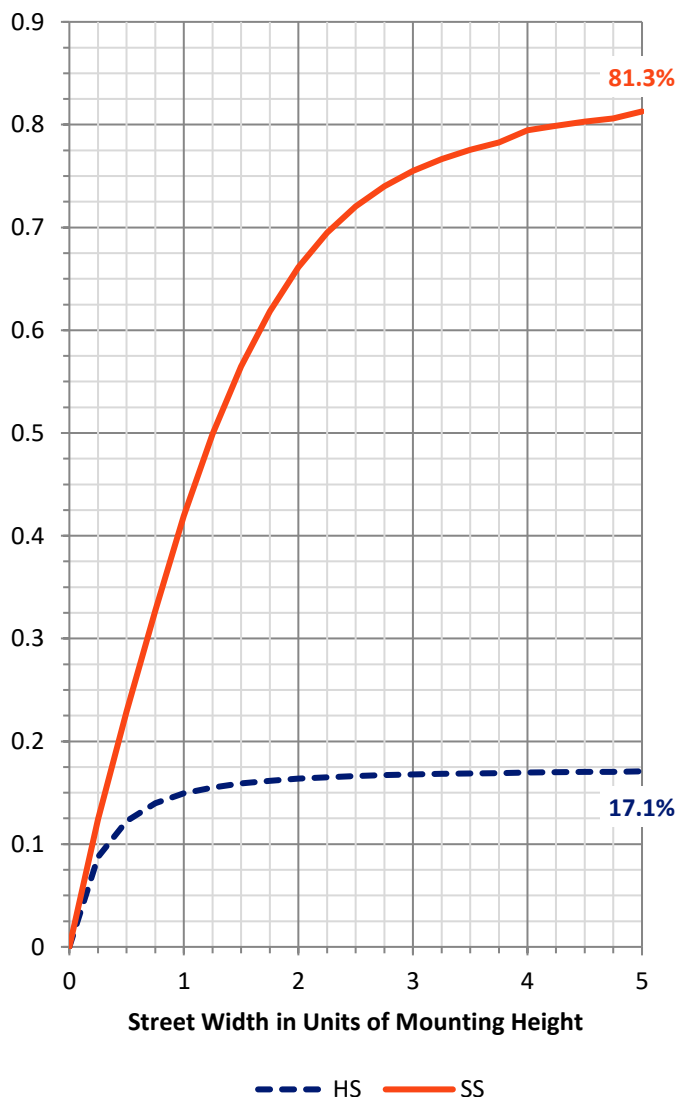
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	8800.9	0.0	8800.9
	% Fixture	17.3	0.0	17.3
<b>Street Side</b>	Lumens	42107.2	0.0	42107.2
	% Fixture	82.7	0.0	82.7
<b>Total</b>	Lumens	50908.1	0.0	50908.1
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1197.0	2.4
10°-20°	2486.6	4.9
20°-30°	3536.5	6.9
30°-40°	5096.1	10.0
40°-50°	7181.8	14.1
50°-60°	9984.0	19.6
60°-70°	12073.6	23.7
70°-80°	7421.4	14.6
80°-90°	1931.1	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°	50908.1	100.0
0°-180°	50908.1	100.0

**Coefficient of Utilization**

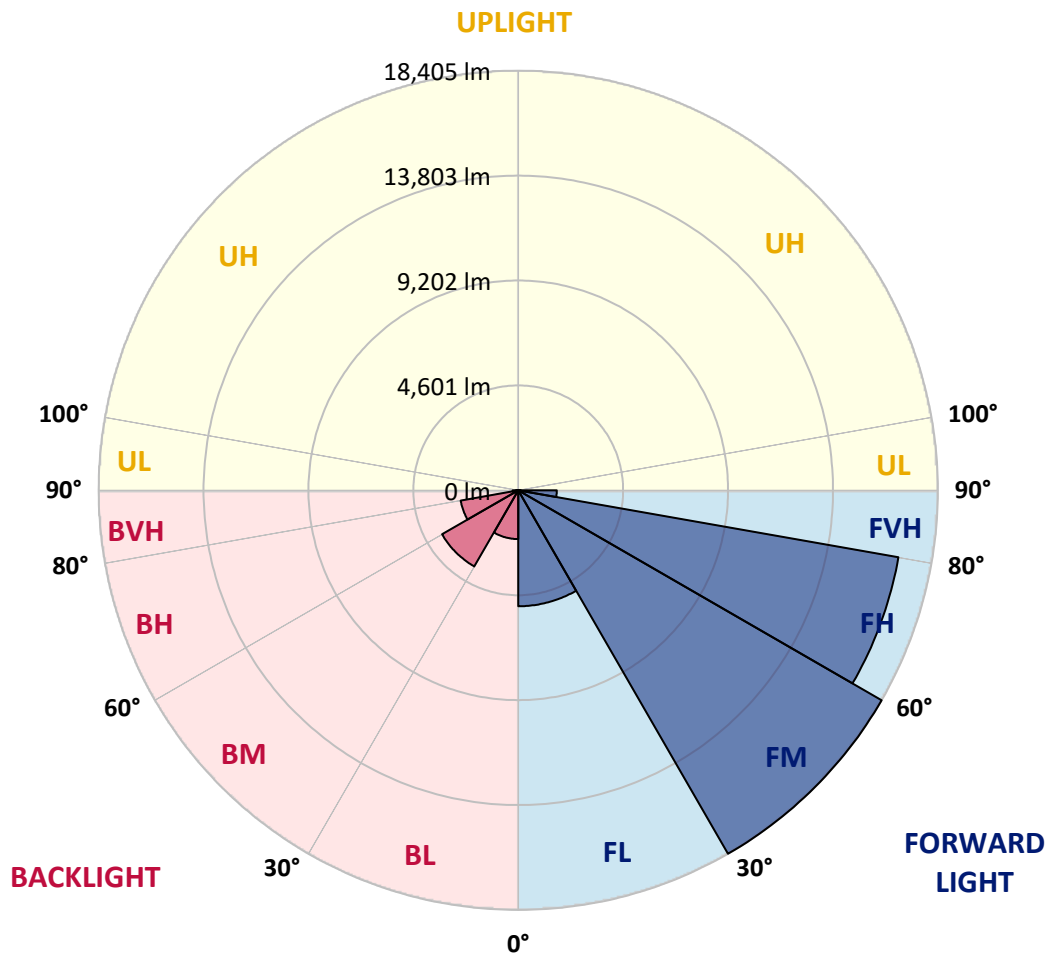


REPORT NUMBER: P383593  
 CATALOG NUMBER: GAN-SA8D-735-U-SLR

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	5083.3	10.0			
FM (30°-60°)	18404.6	36.2			
FH (60°-80°)	16930.3	33.3			G5
FVH (80°-90°)	1689.0	3.3			G5
BL (0°-30°)	2136.8	4.2	B3/2500		
BM (30°-60°)	3857.3	7.6	B3/5000		
BH (60°-80°)	2564.7	5.0	B4/5000		G4/5000
BVH (80°-90°)	242.1	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





REPORT NUMBER: P383593

CATALOG NUMBER: GAN-SA8D-735-U-SLR

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5
2.5°	16614.7	16468.2	16246.3	16024.5	15859.6	15692.7	15503.4	15314.1	15098.3	14880.6	14752.4
5°	16339.9	15932.9	15403.7	14874.5	14524.4	14174.3	13777.4	13380.6	12987.7	12594.9	12383.2
7.5°	15102.4	14491.8	13803.9	13115.9	12607.1	12096.2	11546.6	10995.1	10506.6	10016.1	9712.8
10°	13885.3	13152.5	12362.8	11571.0	10919.8	10268.4	9716.9	9163.3	8794.8	8426.4	8147.6
12.5°	13012.1	12200.0	11330.9	10459.8	9808.5	9157.1	8807.0	8457.0	8151.7	7846.3	7524.8
15°	12666.1	11748.1	10858.7	9967.2	9374.9	8782.6	8393.9	8003.1	7594.0	7182.8	6788.0
17.5°	12971.4	11896.7	10929.9	9963.2	9187.7	8412.2	7868.8	7323.3	6783.9	6244.5	5786.6
20°	13923.9	12552.1	11288.1	10022.1	8990.3	7958.3	7229.6	6498.9	5806.9	5114.8	4595.9
22.5°	15261.2	13445.7	11795.0	10144.3	8811.1	7475.9	6562.0	5646.1	4827.9	4009.7	3500.8
25°	16885.4	14630.2	12525.7	10419.1	8737.8	7054.6	5931.1	4807.5	3944.5	3079.5	2717.2
27.5°	18597.1	16042.7	13433.5	10822.1	8750.0	6678.1	5399.8	4119.6	3342.1	2564.6	2316.3
30°	20024.0	17656.8	14491.8	11324.8	8796.9	6268.9	4899.1	3529.4	2888.2	2247.1	2086.3
32.5°	21328.6	18782.4	15289.7	11795.0	8849.8	5902.6	4512.4	3120.2	2597.2	2072.0	1939.7
35°	22676.0	19781.8	15847.4	11911.0	8758.2	5603.4	4247.9	2892.3	2409.9	1925.4	1813.5
37.5°	24159.9	20862.6	16384.7	11904.9	8603.5	5302.2	4042.3	2780.3	2287.8	1793.1	1711.7
40°	25814.6	22057.3	16966.8	11876.4	8463.1	5047.7	3889.6	2729.4	2220.6	1709.7	1640.5
42.5°	27432.7	23197.1	17508.3	11819.4	8349.1	4876.7	3739.0	2601.2	2159.5	1715.8	1618.1
45°	28647.8	24192.4	17978.4	11762.4	8263.6	4764.8	3620.9	2477.1	2102.5	1728.0	1603.8
47.5°	29569.8	25191.7	18499.5	11805.1	8255.5	4705.8	3537.5	2369.2	1994.6	1618.1	1567.2
50°	30742.2	26392.6	19258.6	12124.7	8367.4	4610.1	3439.7	2267.4	1890.9	1514.3	1583.5
52.5°	32201.6	28106.5	20435.1	12761.7	8601.4	4441.2	3285.1	2129.0	1764.6	1398.3	1506.2
55°	34344.9	30302.6	21939.3	13573.9	8884.4	4192.9	3051.0	1907.2	1597.8	1286.4	1382.0
57.5°	36268.2	32521.2	23382.3	14241.5	9061.4	3879.4	2755.9	1632.4	1410.5	1188.7	1243.6
60°	37125.2	33665.0	24058.1	14449.0	8955.6	3462.2	2424.2	1384.1	1245.7	1107.2	1097.1
62.5°	36791.4	32938.4	23392.5	13846.6	8438.6	3030.7	2131.0	1231.4	1127.6	1021.7	999.4
65°	35814.4	30654.7	21528.1	12401.5	7565.5	2729.4	1945.8	1162.2	1046.2	930.2	905.7
67.5°	33888.9	27404.3	18886.2	10368.2	6456.2	2544.2	1840.0	1135.7	995.3	852.8	824.3
70°	30432.8	23492.2	15843.3	8192.4	5312.3	2430.2	1770.8	1111.3	940.3	767.3	740.9
72.5°	24996.4	18835.3	12651.8	6466.3	4441.2	2416.0	1762.7	1109.3	895.6	681.9	657.4
75°	17897.0	14306.6	9657.8	5007.0	3637.2	2267.4	1673.1	1078.7	834.5	588.2	565.8
77.5°	12043.3	9902.1	6712.6	3521.2	2698.9	1876.6	1406.5	936.3	714.4	492.6	470.2
80°	7734.4	6853.1	4498.2	2143.2	1750.4	1357.6	1005.5	653.4	521.0	386.7	368.4
82.5°	5674.6	5100.6	3126.4	1152.0	972.9	791.7	614.7	437.6	356.2	274.8	266.6
85°	3606.7	3977.1	2302.0	626.9	512.9	398.9	329.8	260.6	205.6	150.6	150.6
87.5°	700.2	968.8	637.1	303.3	221.9	140.5	120.1	97.7	55.0	10.2	12.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P383593  
 CATALOG NUMBER: GAN-SA8D-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P383593

CATALOG NUMBER: GAN-SA8D-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5
2.5°	14622.1	14481.7	14341.2	14182.4	14021.7	13873.1	13722.4	13557.6	13588.1	13462.0	13335.8
5°	12171.5	11947.7	11721.7	11526.3	11330.9	11162.0	10991.0	10838.4	10970.6	10881.1	10791.5
7.5°	9407.5	9130.7	8851.8	8617.7	8383.6	8202.6	8019.3	7893.2	8023.4	8007.1	7990.9
10°	7868.8	7600.0	7329.3	7070.9	6812.4	6592.6	6370.7	6183.4	6150.9	6057.3	5961.6
12.5°	7201.1	6832.7	6462.3	6191.6	5920.9	5658.3	5395.8	5176.0	5076.2	4921.6	4764.8
15°	6393.1	5957.5	5521.9	5214.6	4905.3	4650.8	4394.4	4205.1	4141.9	4021.9	3901.8
17.5°	5328.6	4852.3	4376.0	4064.6	3751.2	3547.6	3342.1	3215.9	3215.9	3181.3	3146.7
20°	4076.8	3651.5	3226.0	2987.9	2749.7	2641.9	2532.0	2479.0	2495.3	2497.4	2497.4
22.5°	2990.0	2729.4	2468.9	2373.2	2275.6	2236.8	2198.2	2175.8	2183.9	2186.0	2188.0
25°	2355.0	2255.2	2153.5	2104.6	2053.7	2029.3	2004.9	1996.7	2015.0	2017.1	2017.1
27.5°	2067.9	2006.8	1943.8	1913.2	1880.7	1870.5	1860.3	1846.0	1864.4	1864.4	1862.3
30°	1923.5	1858.3	1793.1	1754.5	1715.8	1719.9	1722.0	1717.9	1730.1	1738.2	1744.3
32.5°	1805.3	1742.3	1679.2	1640.5	1599.8	1593.7	1587.5	1583.5	1610.0	1624.2	1638.5
35°	1699.5	1630.3	1561.1	1524.5	1487.9	1473.6	1459.4	1449.2	1473.6	1492.0	1510.2
37.5°	1628.3	1557.1	1483.8	1449.2	1412.5	1394.2	1375.9	1363.7	1373.8	1382.0	1390.1
40°	1571.3	1498.0	1422.8	1382.0	1341.3	1323.0	1304.6	1294.5	1300.6	1302.7	1304.6
42.5°	1518.4	1447.2	1375.9	1331.1	1284.3	1262.0	1239.5	1227.3	1231.4	1235.5	1237.5
45°	1479.7	1408.5	1335.2	1282.3	1227.3	1202.9	1178.5	1164.2	1166.3	1166.3	1166.3
47.5°	1516.4	1412.5	1306.7	1245.7	1182.5	1154.1	1125.6	1111.3	1107.2	1103.1	1099.1
50°	1650.7	1473.6	1294.5	1217.2	1137.8	1107.2	1074.6	1058.4	1048.2	1044.2	1040.1
52.5°	1612.0	1459.4	1304.6	1205.0	1103.1	1066.5	1029.9	1003.5	993.2	987.2	981.0
55°	1475.7	1380.0	1282.3	1162.2	1042.1	1009.5	975.0	956.6	938.3	934.2	930.2
57.5°	1296.5	1257.9	1219.2	1097.1	975.0	944.4	911.9	899.6	883.4	883.4	881.3
60°	1084.9	1141.8	1198.8	1058.4	915.9	881.3	846.7	836.5	830.5	828.4	826.4
62.5°	975.0	1068.6	1160.1	1011.6	860.9	824.3	787.7	775.5	773.5	775.5	775.5
65°	881.3	909.8	938.3	869.1	799.9	763.3	724.6	712.4	716.5	722.6	728.7
67.5°	795.8	789.8	783.6	759.2	732.8	702.2	669.6	657.4	659.4	667.6	675.7
70°	714.4	706.3	696.1	677.8	659.4	633.0	606.5	598.4	596.4	606.5	614.7
72.5°	633.0	622.8	610.6	596.4	580.1	557.7	535.3	529.2	531.3	537.3	543.5
75°	543.5	535.3	525.1	512.9	498.7	478.3	457.9	453.8	457.9	464.1	470.2
77.5°	445.7	443.7	439.6	429.4	419.3	396.9	372.4	370.5	376.5	382.7	386.7
80°	348.0	350.1	352.1	344.0	335.8	311.4	285.0	282.9	289.1	295.1	301.3
82.5°	256.5	262.6	266.6	256.5	246.3	217.8	189.3	185.2	205.6	211.6	217.8
85°	148.6	156.7	164.9	156.7	148.6	120.1	91.6	89.5	107.9	118.0	128.3
87.5°	12.2	16.3	20.3	18.4	16.3	8.1	0.0	0.0	2.0	10.2	18.4
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: P383593  
 CATALOG NUMBER: GAN-SA8D-735-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: P383593  
 CATALOG NUMBER: GAN-SA8D-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5
2.5°	13256.4	13177.0	13152.5	13128.1	13038.6	12947.0	13040.6	13132.2	13170.9	13209.5	13109.9
5°	10779.3	10765.1	10765.1	10763.0	10681.6	10598.2	10661.3	10722.3	10585.9	10449.6	10435.4
7.5°	8078.4	8165.9	8237.1	8306.3	8279.9	8253.4	8312.5	8371.4	8198.5	8023.4	7937.9
10°	5981.9	6000.3	6077.6	6154.9	6173.3	6189.6	6262.8	6334.1	6199.7	6065.4	6006.3
12.5°	4667.1	4569.4	4579.6	4587.7	4624.4	4658.9	4736.3	4811.6	4756.7	4699.7	4705.8
15°	3779.7	3655.5	3604.6	3551.7	3592.4	3633.1	3688.1	3741.0	3743.1	3743.1	3796.0
17.5°	3085.7	3022.5	2971.6	2918.7	2973.7	3026.6	3032.7	3038.8	3040.9	3042.9	3038.8
20°	2527.9	2558.5	2542.2	2525.9	2546.3	2564.6	2580.9	2595.1	2576.8	2556.4	2505.6
22.5°	2216.5	2243.0	2263.3	2281.6	2316.3	2348.8	2332.5	2314.2	2277.5	2238.9	2200.2
25°	2035.3	2053.7	2074.0	2094.4	2122.9	2149.4	2120.9	2092.3	2065.9	2039.4	2013.0
27.5°	1882.8	1901.0	1919.4	1935.7	1962.1	1986.5	1960.1	1933.6	1911.3	1888.8	1868.5
30°	1758.6	1770.8	1785.0	1799.3	1823.7	1846.0	1823.7	1799.3	1783.0	1764.6	1750.4
32.5°	1652.8	1665.0	1671.0	1677.2	1699.5	1722.0	1705.7	1689.4	1675.1	1660.9	1650.7
35°	1536.7	1561.1	1565.2	1569.3	1591.6	1614.1	1603.8	1591.6	1575.3	1559.1	1540.8
37.5°	1418.7	1447.2	1463.5	1477.7	1500.1	1522.4	1512.3	1502.1	1479.7	1457.3	1424.8
40°	1318.9	1331.1	1361.6	1390.1	1426.8	1461.4	1441.0	1418.7	1384.1	1349.4	1333.1
42.5°	1235.5	1233.5	1262.0	1290.4	1345.3	1398.3	1361.6	1325.0	1292.4	1259.9	1255.8
45°	1162.2	1156.1	1170.3	1184.6	1243.6	1300.6	1263.9	1225.3	1207.0	1188.7	1188.7
47.5°	1097.1	1093.0	1103.1	1111.3	1147.9	1182.5	1164.2	1145.9	1135.7	1125.6	1127.6
50°	1038.0	1033.9	1044.2	1052.3	1066.5	1078.7	1082.8	1084.9	1078.7	1072.7	1076.7
52.5°	983.1	983.1	987.2	989.2	1007.5	1025.8	1025.8	1023.8	1023.8	1023.8	1027.9
55°	936.3	940.3	940.3	940.3	968.8	995.3	987.2	979.1	981.0	981.0	985.1
57.5°	889.4	895.6	899.6	903.7	932.2	960.7	952.5	944.4	944.4	944.4	946.5
60°	836.5	844.6	852.8	860.9	889.4	917.9	909.8	899.6	901.6	903.7	905.7
62.5°	785.7	793.8	802.0	810.1	838.6	867.1	858.9	848.7	854.9	858.9	858.9
65°	736.8	742.9	751.0	759.2	785.7	812.1	803.9	795.8	803.9	810.1	814.2
67.5°	681.9	685.9	694.1	702.2	728.7	755.1	747.0	736.8	747.0	755.1	763.3
70°	618.7	622.8	633.0	641.2	667.6	694.1	683.8	673.7	683.8	694.1	702.2
72.5°	549.5	553.6	563.8	572.0	602.4	633.0	620.8	608.6	620.8	633.0	637.1
75°	474.3	478.3	490.6	500.7	531.3	561.7	551.6	539.4	549.5	559.8	561.7
77.5°	392.8	398.9	415.2	431.5	455.9	480.3	474.3	468.1	474.3	480.3	480.3
80°	307.3	313.5	333.8	352.1	366.4	380.6	382.7	384.7	386.7	388.7	386.7
82.5°	227.9	236.1	254.4	272.8	272.8	272.8	289.1	303.3	303.3	301.3	299.2
85°	140.5	150.6	166.9	183.1	173.0	162.8	189.3	213.7	213.7	211.6	207.6
87.5°	28.5	38.7	55.0	69.2	59.1	48.8	75.3	101.7	103.8	103.8	99.8
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: P383593  
 CATALOG NUMBER: GAN-SA8D-735-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: P383593

CATALOG NUMBER: GAN-SA8D-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5
2.5°	13008.0	13166.8	13323.6	13364.3	13425.3	13451.7	13476.1	13675.7	13873.1	14105.1	14337.2
5°	10419.1	10537.1	10655.1	10673.5	10736.6	10769.2	10801.7	11044.0	11284.1	11607.7	11931.4
7.5°	7852.5	7881.0	7909.5	7905.4	7958.3	8029.6	8098.8	8357.2	8613.6	8961.8	9307.7
10°	5947.4	6012.5	6075.6	6134.6	6250.6	6384.9	6517.3	6781.9	7046.4	7390.4	7732.4
12.5°	4711.9	4787.2	4860.4	4925.6	5059.9	5239.0	5416.1	5733.7	6051.1	6462.3	6871.4
15°	3846.8	3840.8	3834.6	3879.4	3997.5	4192.9	4386.2	4722.0	5057.9	5509.7	5959.6
17.5°	3034.7	3004.2	2973.7	3008.2	3118.2	3279.0	3437.8	3722.7	4005.6	4443.2	4880.8
20°	2454.6	2434.3	2413.9	2446.5	2515.7	2582.9	2650.1	2855.7	3059.2	3415.3	3769.5
22.5°	2159.5	2157.5	2153.5	2171.7	2204.3	2238.9	2271.5	2371.2	2468.9	2698.9	2926.8
25°	1986.5	1984.5	1982.4	1990.6	2017.1	2043.5	2070.0	2135.1	2200.2	2310.1	2420.1
27.5°	1848.1	1844.1	1840.0	1842.0	1848.1	1888.8	1927.5	1958.0	1986.5	2061.8	2135.1
30°	1736.1	1734.2	1732.1	1732.1	1726.0	1740.2	1754.5	1801.3	1846.0	1923.5	2000.8
32.5°	1640.5	1630.3	1620.1	1597.8	1583.5	1603.8	1624.2	1673.1	1722.0	1793.1	1864.4
35°	1520.4	1493.9	1465.5	1453.2	1455.3	1475.7	1496.0	1544.9	1591.6	1669.0	1744.3
37.5°	1390.1	1382.0	1371.8	1369.8	1375.9	1396.3	1416.6	1459.4	1500.1	1577.4	1652.8
40°	1316.9	1312.8	1308.7	1304.6	1308.7	1329.1	1349.4	1390.1	1428.8	1504.2	1577.4
42.5°	1251.7	1249.7	1247.7	1247.7	1249.7	1272.1	1294.5	1335.2	1373.8	1441.0	1508.2
45°	1188.7	1190.7	1190.7	1194.8	1200.9	1223.2	1243.6	1288.4	1333.1	1398.3	1463.5
47.5°	1129.6	1135.7	1139.8	1150.0	1156.1	1180.6	1202.9	1251.7	1300.6	1382.0	1461.4
50°	1078.7	1084.9	1088.9	1097.1	1113.4	1141.8	1170.3	1229.4	1286.4	1422.8	1557.1
52.5°	1032.0	1038.0	1044.2	1052.3	1072.7	1105.2	1137.8	1211.0	1282.3	1441.0	1599.8
55°	989.2	995.3	999.4	1011.6	1032.0	1060.5	1086.9	1176.5	1266.0	1382.0	1498.0
57.5°	948.5	954.6	958.7	966.8	977.0	1007.5	1036.0	1131.6	1227.3	1308.7	1388.1
60°	905.7	909.8	911.9	911.9	920.0	954.6	989.2	1111.3	1231.4	1217.2	1200.9
62.5°	858.9	863.0	865.0	858.9	869.1	905.7	942.4	1101.1	1259.9	1162.2	1064.5
65°	816.2	814.2	812.1	806.0	818.2	854.9	889.4	968.8	1048.2	1009.5	970.9
67.5°	769.4	763.3	757.2	749.1	761.3	793.8	824.3	850.8	877.2	881.3	885.3
70°	710.3	702.2	694.1	692.0	698.1	724.6	751.0	769.4	785.7	793.8	799.9
72.5°	641.2	635.0	628.9	624.9	626.9	649.3	669.6	685.9	702.2	708.3	712.4
75°	563.8	563.8	561.7	549.5	549.5	567.9	584.2	598.4	612.7	620.8	628.9
77.5°	480.3	482.4	482.4	466.1	464.1	482.4	498.7	510.9	521.0	529.2	535.3
80°	384.7	380.6	376.5	366.4	362.3	384.7	405.0	415.2	423.4	425.4	425.4
82.5°	295.1	287.0	276.9	254.4	256.5	280.9	303.3	311.4	319.5	319.5	319.5
85°	201.5	185.2	166.9	148.6	150.6	177.1	201.5	209.6	217.8	221.9	223.9
87.5°	95.7	79.4	61.0	46.9	46.9	69.2	89.5	93.6	97.7	105.8	114.0
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: P383593  
 CATALOG NUMBER: GAN-SA8D-735-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: P383593

CATALOG NUMBER: GAN-SA8D-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5
2.5°	14514.3	14689.3	14870.4	15051.6	15259.1	15466.8	15709.0	15949.1	16154.7	16360.3	16531.2
5°	12210.2	12489.1	12816.7	13144.4	13561.7	13978.9	14489.8	14998.7	15452.5	15906.5	16433.6
7.5°	9672.1	10034.4	10461.8	10889.2	11428.6	11968.0	12629.5	13290.9	13932.1	14571.2	15381.2
10°	8112.9	8493.6	8914.9	9334.2	9883.7	10431.3	11131.4	11829.5	12550.1	13268.6	14184.5
12.5°	7294.8	7716.1	8086.5	8457.0	8902.7	9346.4	10024.2	10702.0	11548.7	12393.4	13274.6
15°	6421.6	6881.6	7325.3	7769.0	8255.5	8739.9	9399.3	10058.8	10984.9	11911.0	12924.6
17.5°	5365.2	5849.7	6391.1	6930.4	7565.5	8198.5	9043.2	9887.8	10984.9	12079.9	13274.6
20°	4264.1	4758.7	5406.0	6053.2	6842.9	7630.6	8725.6	9820.7	11298.4	12773.9	14298.5
22.5°	3364.5	3800.1	4506.3	5210.5	6122.4	7034.2	8438.6	9841.1	11772.6	13702.1	15759.8
25°	2727.4	3034.7	3728.8	4420.8	5473.1	6525.4	8263.6	9999.8	12462.6	14923.3	17475.6
27.5°	2336.6	2538.1	3185.3	3830.5	4980.5	6128.5	8192.4	10254.2	13337.8	16421.3	19342.1
30°	2141.3	2281.6	2829.2	3374.6	4543.0	5711.2	8106.9	10502.5	14180.4	17856.3	20801.5
32.5°	1978.4	2090.3	2558.5	3024.5	4164.4	5304.1	7942.0	10577.8	14768.7	18959.5	22037.0
35°	1840.0	1933.6	2340.7	2747.8	3867.2	4986.7	7665.2	10343.7	15137.1	19930.4	23323.3
37.5°	1728.0	1801.3	2177.9	2554.4	3610.8	4667.1	7349.7	10032.3	15464.7	20897.1	24770.4
40°	1640.5	1703.6	2055.7	2407.9	3366.5	4325.2	7079.0	9830.8	15916.6	22002.3	26299.0
42.5°	1591.6	1673.1	1949.9	2224.6	3134.5	4044.3	6861.2	9678.2	16335.9	22991.5	27636.2
45°	1579.4	1695.4	1895.0	2094.4	2961.5	3828.6	6667.8	9505.1	16606.6	23708.0	28643.8
47.5°	1559.1	1654.8	1852.2	2049.6	2876.0	3700.3	6564.1	9425.8	16877.3	24326.7	29480.3
50°	1571.3	1583.5	1817.5	2049.6	2863.8	3677.9	6682.1	9686.3	17463.4	25238.6	30436.9
52.5°	1548.9	1496.0	1752.4	2008.9	2861.7	3714.5	7022.0	10329.5	18552.4	26773.2	31472.9
55°	1430.9	1361.6	1630.3	1899.0	2819.0	3736.9	7427.0	11115.1	20013.8	28910.4	33335.2
57.5°	1327.1	1263.9	1492.0	1717.9	2688.7	3659.6	7844.3	12027.0	21558.6	31088.3	35433.7
60°	1188.7	1174.4	1337.2	1500.1	2487.2	3472.3	8188.3	12902.2	22596.6	32289.1	36241.8
62.5°	1074.6	1082.8	1202.9	1323.0	2234.9	3144.6	8302.2	13457.9	22568.1	31678.5	35427.7
65°	987.2	1001.4	1119.4	1237.5	2019.1	2800.7	7927.7	13052.8	21426.3	29797.8	33817.7
67.5°	901.6	917.9	1058.4	1196.8	1827.8	2456.7	6991.5	11524.3	19372.7	27219.0	31770.1
70°	820.2	840.6	993.2	1145.9	1689.4	2230.8	5784.5	9338.3	16802.0	24263.6	29398.9
72.5°	732.8	753.1	915.9	1078.7	1601.8	2122.9	4716.0	7307.0	13635.0	19960.8	25147.0
75°	643.1	657.4	834.5	1009.5	1481.7	1953.9	3700.3	5444.6	10435.4	15426.1	18994.1
77.5°	553.6	572.0	720.6	867.1	1257.9	1646.6	2788.5	3930.3	7657.0	11381.8	13209.5
80°	441.6	457.9	563.8	667.6	970.9	1272.1	1917.3	2562.5	5269.6	7976.7	9006.5
82.5°	337.9	356.2	427.4	496.6	692.0	887.4	1162.2	1437.0	3500.8	5562.6	5648.2
85°	232.0	238.1	289.1	337.9	427.4	517.0	665.6	814.2	2316.3	3818.3	3181.3
87.5°	116.0	116.0	150.6	185.2	230.0	274.8	352.1	427.4	740.9	1054.3	606.5
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: P383593  
 CATALOG NUMBER: GAN-SA8D-735-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: P383593

CATALOG NUMBER: GAN-SA8D-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5
2.5°	16749.0	16897.6	17048.3	17162.3	17278.3	17445.2	17612.0	17642.6	17675.2	17610.0	17544.9
5°	16964.8	17414.6	17866.4	18283.8	18701.0	18951.3	19201.7	19252.6	19303.4	19146.7	18987.9
7.5°	16164.9	16948.5	17732.1	18450.6	19169.1	19604.7	20042.2	20140.0	20239.7	19983.3	19726.8
10°	15096.4	16059.0	17021.8	17968.2	18914.7	19547.7	20180.7	20306.9	20433.1	20113.5	19794.0
12.5°	14270.0	15297.9	16325.7	17323.1	18322.4	18977.8	19633.2	19789.9	19946.7	19714.6	19480.5
15°	14015.6	14982.4	15949.1	16818.3	17689.4	18224.7	18762.0	18825.2	18890.3	18853.6	18817.0
17.5°	14477.6	15350.8	16226.0	16698.2	17172.4	17386.1	17601.9	17671.1	17742.3	17833.9	17927.5
20°	15597.0	16211.7	16828.4	16808.1	16785.7	16681.9	16576.1	16557.7	16539.4	16802.0	17066.6
22.5°	17268.1	17512.3	17758.6	17186.7	16614.7	16266.7	15916.6	15847.4	15776.1	16055.0	16335.9
25°	19081.6	19036.8	18990.0	17901.1	16810.1	16146.6	15483.1	15405.7	15328.3	15566.5	15806.7
27.5°	20876.8	20583.7	20290.6	18810.9	17331.2	16368.4	15405.7	15328.3	15251.0	15462.7	15674.4
30°	22193.7	21723.5	21253.4	19578.2	17903.1	16759.2	15615.3	15489.1	15360.9	15621.5	15882.0
32.5°	23221.5	22590.6	21959.7	20201.1	18442.5	17204.9	15967.5	15770.1	15572.6	15920.7	16268.7
35°	24247.3	23360.0	22470.5	20756.7	19040.9	17732.1	16421.3	16179.1	15936.9	16415.3	16893.6
37.5°	25537.8	24263.6	22987.4	21381.5	19775.6	18521.9	17266.0	17017.7	16769.4	17378.0	17988.6
40°	26938.1	25238.6	23539.1	22065.5	20591.9	19614.9	18635.9	18399.7	18161.6	18902.5	19643.4
42.5°	28102.4	26146.4	24190.3	22889.8	21587.1	20899.2	20209.2	20207.1	20203.1	20954.1	21705.2
45°	29048.8	26903.6	24756.3	23693.7	22629.2	22271.0	21912.8	22199.8	22486.7	23164.5	23844.4
47.5°	29755.0	27538.6	25320.0	24613.7	23907.4	23960.3	24013.3	24597.4	25181.6	25617.2	26054.7
50°	30215.0	28114.6	26012.1	25794.3	25576.5	26050.7	26526.9	27196.6	27868.3	28165.4	28462.6
52.5°	30884.7	28896.1	26905.5	27149.8	27394.0	28362.9	29331.7	30009.5	30687.2	30797.1	30909.1
55°	32433.6	30333.1	28230.6	28698.7	29168.9	30589.6	32012.3	32541.5	33070.7	33111.4	33152.1
57.5°	34633.8	32346.1	30058.3	30563.1	31067.9	32708.4	34350.9	34920.8	35492.8	35413.4	35332.0
60°	36280.4	34257.3	32232.1	32740.9	33249.8	34849.6	36449.4	37104.8	37762.2	37587.2	37412.2
62.5°	36382.2	35301.5	34218.6	34678.6	35140.7	36707.9	38275.1	38948.8	39622.5	39317.3	39011.9
65°	34764.1	35248.6	35733.0	35885.6	36038.2	37499.6	38963.1	39478.1	39995.1	39840.3	39685.6
67.5°	32535.4	34320.4	36107.4	35800.1	35492.8	36178.7	36864.6	37395.9	37927.1	37839.6	37750.0
70°	30310.7	32694.2	35077.6	33567.3	32055.0	31772.1	31489.2	32061.2	32635.1	32281.0	31924.8
72.5°	26522.9	29063.1	31605.3	28822.8	26040.5	25073.7	24107.0	24833.6	25560.2	24996.4	24430.6
75°	20819.8	23626.6	26435.4	23115.7	19796.0	18505.6	17215.2	17840.0	18464.9	18078.2	17689.4
77.5°	15499.4	18265.4	21031.5	17656.8	14280.2	13321.5	12360.8	12546.0	12733.2	12668.1	12601.0
80°	10512.7	12440.2	14369.7	12122.7	9875.6	9948.9	10024.2	9936.6	9847.1	9977.3	10107.7
82.5°	6708.5	8196.4	9686.3	8493.6	7300.9	7984.8	8668.6	8332.8	7994.9	8119.1	8245.3
85°	3828.6	5283.8	6741.1	6283.2	5823.2	6222.1	6623.1	6102.0	5581.0	5808.9	6038.9
87.5°	1009.5	2922.8	4838.1	4392.3	3946.6	3429.6	2912.6	2222.6	1532.7	2238.9	2945.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P383593  
 CATALOG NUMBER: GAN-SA8D-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P383593

CATALOG NUMBER: GAN-SA8D-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5	15509.5
2.5°	17510.3	17475.6	17351.6	17225.3	17038.1	16883.4	16614.7
5°	18768.2	18548.3	18169.7	17789.1	17365.8	16879.4	16339.9
7.5°	19213.9	18699.0	17972.3	17243.7	16588.3	15818.9	15102.4
10°	19024.6	18253.2	17308.8	16362.4	15566.5	14681.1	13885.3
12.5°	18662.3	17842.0	16802.0	15759.8	14854.1	13903.6	13012.1
15°	18163.7	17508.3	16533.3	15558.3	14646.5	13722.4	12666.1
17.5°	17618.2	17306.8	16602.5	15896.2	15106.5	14210.9	12971.4
20°	17178.5	17292.5	17011.6	16730.8	16097.7	15316.1	13923.9
22.5°	16881.3	17428.9	17644.6	17862.4	17481.8	16871.2	15261.2
25°	16714.5	17622.3	18344.8	19069.3	18900.4	18430.3	16885.4
27.5°	16787.7	17901.1	19022.6	20146.1	20302.8	20172.6	18597.1
30°	17007.5	18135.2	19500.9	20868.6	21493.5	21668.5	20024.0
32.5°	17373.9	18479.1	19967.0	21456.9	22401.3	22959.0	21328.6
35°	17927.5	18961.5	20512.5	22063.4	23284.6	24302.3	22676.0
37.5°	18878.1	19767.5	21198.4	22631.3	24214.8	25743.3	24159.9
40°	20270.3	20899.2	22108.2	23319.2	25311.8	27375.8	25814.6
42.5°	22026.8	22350.4	23309.1	24267.7	26457.8	28857.5	27432.7
45°	23929.9	24015.3	24617.8	25222.3	27365.5	29867.0	28647.8
47.5°	25761.7	25468.6	25708.8	25948.9	28061.7	30587.6	29569.8
50°	27646.5	26830.2	26704.0	26577.9	28757.7	31436.3	30742.2
52.5°	29563.8	28218.3	27719.7	27219.0	29588.2	32561.9	32201.6
55°	31440.4	29728.6	29056.9	28385.3	30858.3	33935.7	34344.9
57.5°	33392.3	31452.6	30829.8	30206.9	32724.7	35675.9	36268.2
60°	35492.8	33571.4	33072.7	32572.0	35045.0	37556.6	37125.2
62.5°	37485.4	35958.9	35696.3	35431.7	37391.8	39001.8	36791.4
65°	38816.6	37945.4	38189.6	38435.9	39166.6	39362.0	35814.4
67.5°	37927.1	38104.1	39136.1	40170.1	39667.3	38291.5	33888.9
70°	32985.2	34047.7	36492.2	38938.7	37823.3	35423.6	30432.8
72.5°	25623.2	26818.0	30447.1	34078.2	33050.4	30111.3	24996.4
75°	19036.8	20386.3	24391.8	28397.5	26970.7	22523.4	17897.0
77.5°	13504.6	14408.3	18363.1	22319.9	19993.4	14992.5	12043.3
80°	9830.8	9554.0	11758.4	13962.6	13575.9	9916.3	7734.4
82.5°	7569.6	6893.8	7931.8	8969.9	8912.9	6881.6	5674.6
85°	5768.2	5497.5	6415.5	7333.4	6547.8	4661.0	3606.7
87.5°	3362.4	3781.7	4862.5	5945.3	4461.6	1414.6	700.2
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: P383593  
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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)