

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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: P1064747

Luminaire Tested: **GLAN-SA3C-827-U-RBC**

Issue Date: 08/07/2025



Test Information

Test Method: LM-79-08
Report Number: P1064747
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA3C-827-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE
80CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (42) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

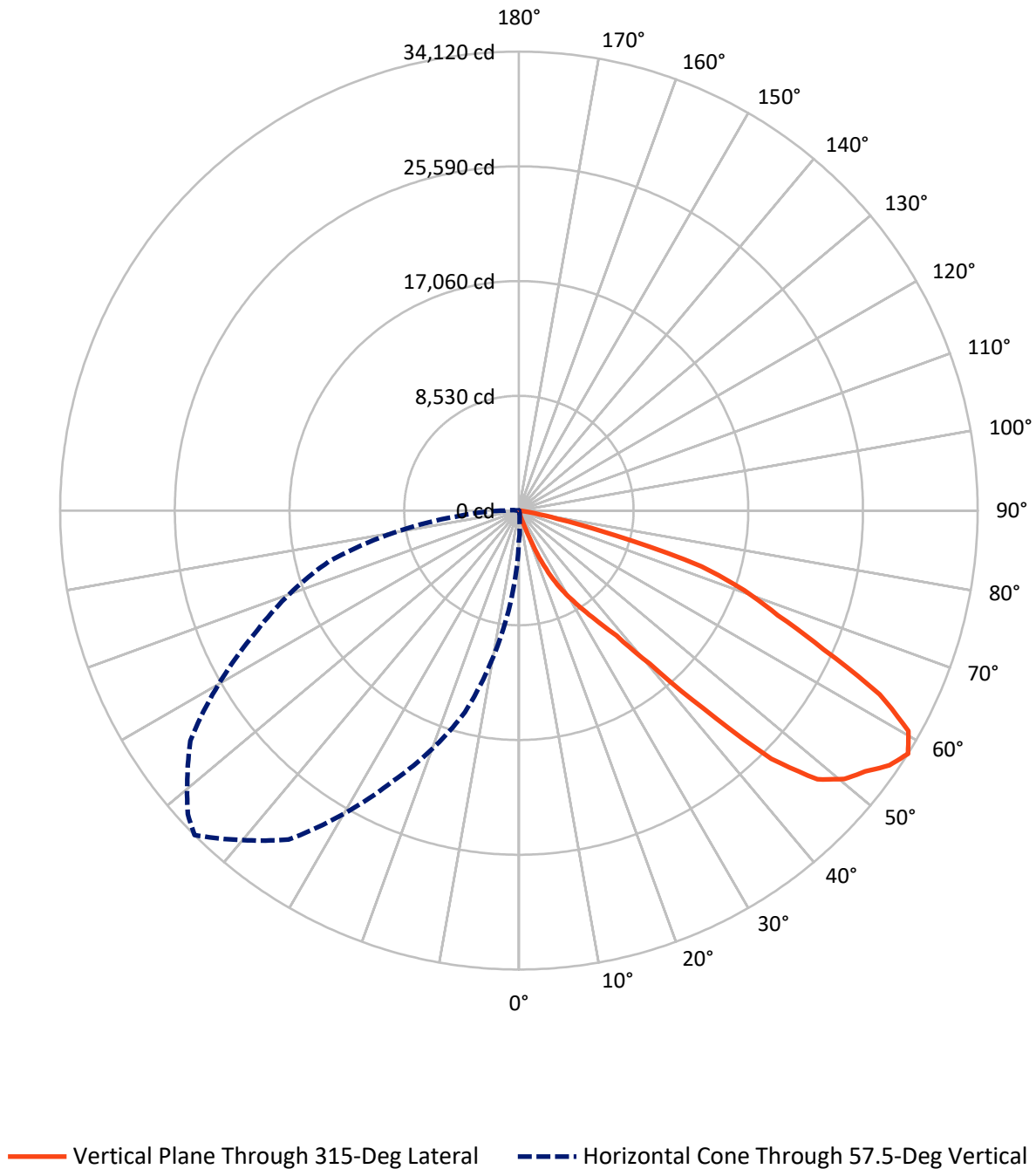
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13306 lumens
Efficiency: N/A
Efficacy: 94.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 140.4
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	66.6	0.0	66.6
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	13239.4	0.0	13239.4
	% Fixture	99.5	0.0	99.5
Total	Lumens	13306.0	0.0	13306.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.2	0.0
10°-20°	29.2	0.2
20°-30°	315.3	2.4
30°-40°	932.5	7.0
40°-50°	2779.1	20.9
50°-60°	4406.6	33.1
60°-70°	3678.5	27.6
70°-80°	1134.3	8.5
80°-90°	25.2	0.2
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°	13306.0	100.0
0°-180°	13306.0	100.0

Coefficient of Utilization



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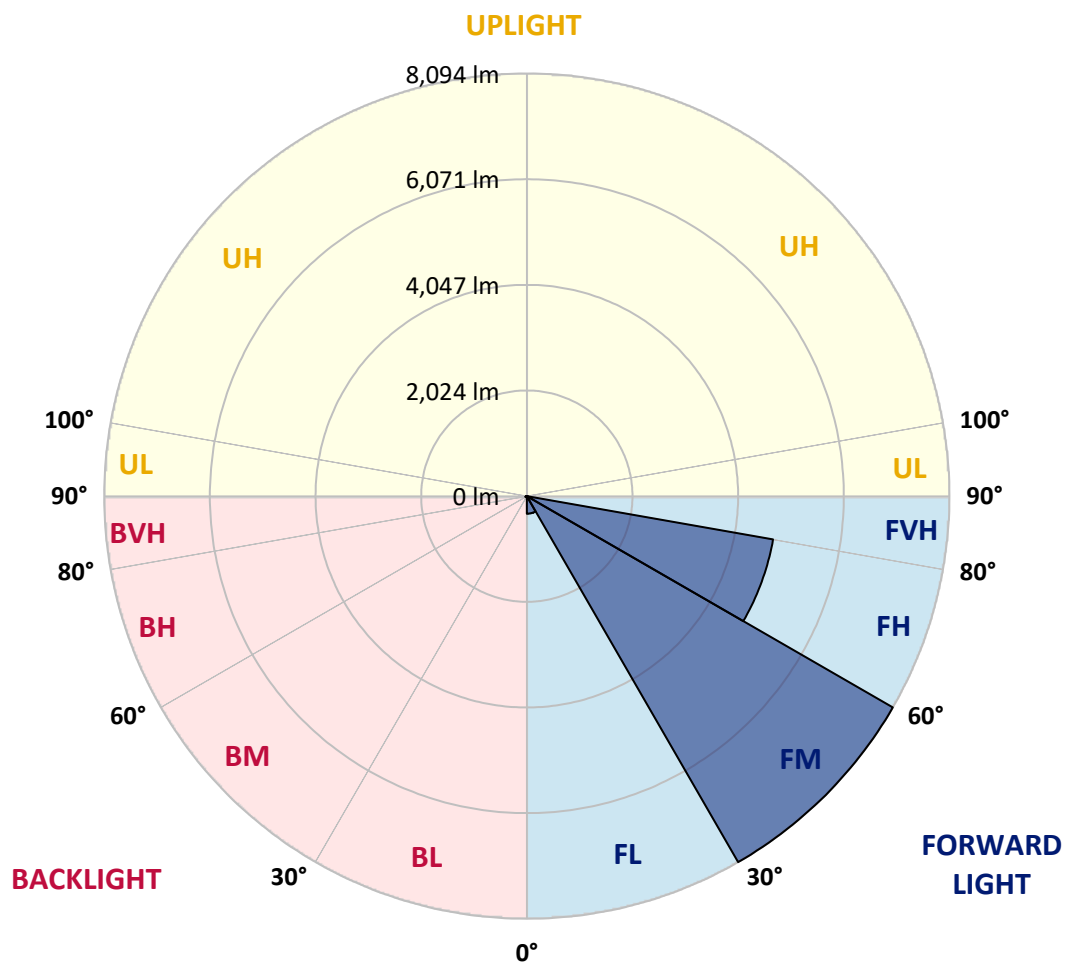
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	337.5	2.5			
FM	(30°-60°)	8094.4	60.8			
FH	(60°-80°)	4787.9	36.0			G2/5000
FVH	(80°-90°)	19.5	0.1			G1/100
BL	(0°-30°)	12.2	0.1	B0/110		
BM	(30°-60°)	23.8	0.2	B0/220		
BH	(60°-80°)	24.9	0.2	B0/110		G0/110
BVH	(80°-90°)	5.7	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
2.5°	53.3	53.3	53.3	53.3	52.3	52.3	51.3	51.3	50.3	50.3
5°	56.3	56.3	55.3	54.3	54.3	53.3	52.3	51.3	51.3	50.3
7.5°	61.3	60.3	59.3	58.3	56.3	55.3	53.3	52.3	51.3	49.3
10°	67.4	65.4	63.3	61.3	59.3	57.3	55.3	54.3	52.3	51.3
12.5°	75.4	72.4	68.4	65.4	63.3	60.3	58.3	56.3	53.3	51.3
15°	82.5	78.4	73.4	69.4	66.4	62.3	59.3	56.3	54.3	51.3
17.5°	92.5	85.5	77.4	72.4	68.4	63.3	58.3	55.3	52.3	48.3
20°	109.6	95.5	80.4	74.4	68.4	62.3	56.3	52.3	49.3	45.2
22.5°	136.8	112.6	88.5	79.4	71.4	62.3	54.3	50.3	46.3	42.2
25°	189.0	145.8	102.6	90.5	78.4	66.4	54.3	49.3	45.2	40.2
27.5°	251.4	187.0	121.7	104.6	88.5	71.4	54.3	48.3	43.2	37.2
30°	314.7	229.3	142.8	120.7	98.5	76.4	54.3	47.3	41.2	34.2
32.5°	375.1	268.5	160.9	134.7	108.6	81.4	55.3	47.3	39.2	31.2
35°	436.4	300.7	163.9	136.8	109.6	81.4	54.3	45.2	37.2	28.2
37.5°	514.8	336.9	157.9	130.7	104.6	77.4	51.3	43.2	35.2	26.1
40°	633.5	397.2	160.9	132.7	104.6	76.4	48.3	40.2	33.2	25.1
42.5°	852.7	513.8	174.0	141.8	109.6	76.4	44.2	37.2	31.2	24.1
45°	1474.1	853.7	233.3	185.0	136.8	88.5	40.2	34.2	29.2	23.1
47.5°	2438.4	1428.8	419.3	323.8	229.3	133.7	39.2	34.2	29.2	23.1
50°	3112.1	1820.0	527.9	406.2	284.6	162.9	41.2	35.2	30.2	24.1
52.5°	3107.1	1848.2	588.2	451.5	315.7	179.0	43.2	37.2	32.2	26.1
55°	2762.2	1681.2	599.3	460.5	322.8	184.0	46.3	40.2	34.2	28.2
57.5°	2308.7	1427.8	547.0	423.3	300.7	177.0	53.3	46.3	40.2	33.2
60°	1826.0	1126.2	426.3	336.9	248.4	158.9	70.4	61.3	53.3	44.2
62.5°	1260.9	816.5	372.0	298.6	226.2	152.8	80.4	71.4	63.3	54.3
65°	891.9	614.4	335.8	273.5	212.2	149.8	87.5	77.4	68.4	58.3
67.5°	666.7	488.7	309.7	256.4	203.1	149.8	96.5	84.5	73.4	61.3
70°	510.8	401.2	290.6	247.4	205.1	161.9	118.7	101.6	85.5	68.4
72.5°	416.3	342.9	268.5	237.3	206.1	175.0	143.8	121.7	99.5	76.4
75°	344.9	293.6	242.3	216.2	191.0	164.9	138.8	118.7	99.5	79.4
77.5°	229.3	209.1	188.0	173.0	157.9	141.8	126.7	109.6	93.5	76.4
80°	80.4	77.4	74.4	80.4	86.5	92.5	98.5	86.5	75.4	63.3
82.5°	12.1	11.1	10.1	11.1	12.1	13.1	14.1	15.1	16.1	17.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	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
95°	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
100°	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
105°	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
110°	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):

[illegible]

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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
0.0	2.5°	49.3	49.3	48.3	48.3	48.3	47.3	47.3	46.3	46.3	46.3
0.0	5°	48.3	48.3	47.3	46.3	45.2	45.2	44.2	43.2	43.2	42.2
0.0	7.5°	47.3	46.3	45.2	44.2	43.2	42.2	41.2	40.2	40.2	39.2
0.0	10°	48.3	46.3	45.2	43.2	42.2	41.2	39.2	38.2	37.2	37.2
0.0	12.5°	46.3	45.2	43.2	41.2	40.2	38.2	37.2	35.2	34.2	34.2
0.0	15°	46.3	44.2	41.2	39.2	37.2	36.2	34.2	32.2	31.2	30.2
0.0	17.5°	43.2	41.2	38.2	36.2	34.2	32.2	30.2	28.2	27.1	26.1
0.0	20°	39.2	37.2	34.2	31.2	29.2	27.1	25.1	23.1	22.1	21.1
0.0	22.5°	35.2	33.2	30.2	27.1	25.1	23.1	20.1	18.1	17.1	15.1
0.0	25°	33.2	30.2	27.1	24.1	21.1	19.1	16.1	13.1	11.1	9.0
0.0	27.5°	28.2	25.1	22.1	19.1	16.1	13.1	10.1	7.0	5.0	4.0
0.0	30°	24.1	21.1	18.1	15.1	11.1	8.0	5.0	1.0	1.0	1.0
0.0	32.5°	20.1	17.1	13.1	10.1	8.0	5.0	3.0	0.0	0.0	0.0
0.0	35°	16.1	13.1	9.0	6.0	5.0	3.0	2.0	0.0	0.0	0.0
0.0	37.5°	14.1	11.1	7.0	3.0	2.0	2.0	1.0	0.0	0.0	0.0
0.0	40°	13.1	9.0	5.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.0	42.5°	13.1	9.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	13.1	9.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	13.1	9.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	14.1	10.1	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	16.1	12.1	8.0	4.0	3.0	2.0	1.0	0.0	0.0	0.0
0.0	55°	20.1	18.1	15.1	13.1	10.1	7.0	3.0	0.0	0.0	0.0
0.0	57.5°	26.1	26.1	25.1	24.1	18.1	12.1	6.0	0.0	0.0	0.0
0.0	60°	35.2	35.2	35.2	35.2	26.1	18.1	9.0	0.0	0.0	0.0
0.0	62.5°	43.2	41.2	38.2	36.2	27.1	18.1	9.0	0.0	0.0	0.0
0.0	65°	43.2	39.2	34.2	29.2	22.1	15.1	7.0	0.0	0.0	0.0
0.0	67.5°	40.2	32.2	23.1	15.1	11.1	8.0	4.0	0.0	0.0	0.0
	70°	40.2	28.2	16.1	4.0	3.0	2.0	1.0	0.0	0.0	0.0
	72.5°	40.2	27.1	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	44.2	30.2	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	44.2	30.2	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	39.2	26.1	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	13.1	9.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	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
	95°	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
	100°	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
	105°	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
	110°	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):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
0.0	2.5°	45.2	45.2	45.2	44.2	44.2	44.2	44.2	43.2	43.2	43.2
0.0	5°	41.2	41.2	40.2	40.2	39.2	39.2	38.2	38.2	37.2	37.2
0.0	7.5°	38.2	37.2	37.2	36.2	35.2	35.2	34.2	34.2	33.2	32.2
0.0	10°	35.2	34.2	34.2	33.2	32.2	31.2	31.2	30.2	29.2	28.2
0.0	12.5°	32.2	31.2	30.2	29.2	28.2	27.1	27.1	26.1	25.1	24.1
0.0	15°	28.2	27.1	26.1	25.1	24.1	23.1	23.1	22.1	21.1	20.1
0.0	17.5°	24.1	23.1	23.1	22.1	21.1	20.1	19.1	17.1	16.1	15.1
0.0	20°	18.1	17.1	16.1	15.1	14.1	12.1	11.1	9.0	7.0	6.0
0.0	22.5°	12.1	10.1	9.0	7.0	5.0	4.0	3.0	1.0	0.0	0.0
0.0	25°	4.0	3.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	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



REPORT NUMBER: P1064747

CATALOG NUMBER: GLAN-SA3C-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1064747

CATALOG NUMBER: GLAN-SA3C-827-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
0.0	2.5°	42.2	42.2	42.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
0.0	5°	36.2	36.2	36.2	35.2	35.2	34.2	34.2	34.2	33.2	33.2
0.0	7.5°	31.2	30.2	30.2	29.2	29.2	28.2	28.2	28.2	27.1	27.1
0.0	10°	26.1	25.1	25.1	24.1	24.1	23.1	23.1	22.1	22.1	21.1
0.0	12.5°	23.1	22.1	21.1	20.1	20.1	19.1	18.1	18.1	17.1	16.1
0.0	15°	18.1	17.1	16.1	15.1	14.1	13.1	12.1	12.1	11.1	10.1
0.0	17.5°	12.1	10.1	9.0	8.0	8.0	7.0	6.0	5.0	4.0	3.0
0.0	20°	3.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	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
	95°	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
	100°	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
	105°	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
	110°	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):

[illegible]

REPORT NUMBER: P1064747

CATALOG NUMBER: GLAN-SA3C-827-U-RBC

CANDELA DISTRIBUTION (continued):

107.5°		110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°
0.0	0°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
0.0	2.5°	41.2	40.2	40.2	40.2	41.2	41.2	41.2	41.2	41.2	41.2
0.0	5°	33.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
0.0	7.5°	27.1	26.1	26.1	26.1	26.1	25.1	25.1	25.1	25.1	25.1
0.0	10°	21.1	20.1	20.1	20.1	20.1	19.1	19.1	19.1	19.1	19.1
0.0	12.5°	15.1	15.1	14.1	14.1	14.1	13.1	13.1	13.1	13.1	12.1
0.0	15°	9.0	8.0	7.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
0.0	17.5°	2.0	2.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	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
	95°	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
	100°	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
	105°	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
	110°	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):

[illegible]

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CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
0.0	2.5°	42.2	42.2	43.2	43.2	44.2	46.3	47.3	48.3	50.3	52.3
0.0	5°	33.2	34.2	34.2	35.2	36.2	37.2	38.2	39.2	41.2	43.2
0.0	7.5°	26.1	26.1	27.1	27.1	28.2	30.2	31.2	32.2	34.2	37.2
0.0	10°	20.1	20.1	21.1	21.1	22.1	24.1	25.1	26.1	28.2	31.2
0.0	12.5°	13.1	14.1	14.1	15.1	16.1	18.1	19.1	20.1	22.1	24.1
0.0	15°	6.0	7.0	7.0	8.0	9.0	11.1	12.1	13.1	15.1	18.1
0.0	17.5°	1.0	1.0	2.0	2.0	3.0	4.0	5.0	6.0	9.0	11.1
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	4.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	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
	95°	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
	100°	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
	105°	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
	110°	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):

[illegible]

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CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
0.0	2.5°	55.3	57.3	59.3	61.3	63.3	65.4	66.4	68.4	69.4	70.4
0.0	5°	47.3	49.3	52.3	54.3	56.3	58.3	60.3	61.3	62.3	63.3
0.0	7.5°	41.2	43.2	46.3	48.3	50.3	52.3	54.3	56.3	57.3	58.3
0.0	10°	35.2	38.2	40.2	43.2	45.2	47.3	49.3	51.3	53.3	54.3
0.0	12.5°	28.2	31.2	34.2	36.2	39.2	42.2	44.2	46.3	48.3	50.3
0.0	15°	22.1	25.1	28.2	30.2	33.2	36.2	39.2	41.2	43.2	45.2
0.0	17.5°	16.1	19.1	22.1	24.1	27.1	30.2	32.2	35.2	37.2	39.2
0.0	20°	8.0	11.1	14.1	17.1	20.1	23.1	25.1	28.2	30.2	32.2
0.0	22.5°	1.0	4.0	7.0	9.0	12.1	15.1	17.1	20.1	22.1	24.1
0.0	25°	0.0	1.0	3.0	4.0	5.0	7.0	9.0	11.1	13.1	15.1
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.0	2.0	4.0	6.0	8.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	2.0
	85°	0.0	0.0	0.0	0.0	0.0	2.0	3.0	5.0	6.0	7.0
	87.5°	0.0	1.0	2.0	3.0	4.0	6.0	8.0	10.1	11.1	12.1
	90°	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
	95°	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
	100°	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
	105°	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
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1064747

CATALOG NUMBER: GLAN-SA3C-827-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
58.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.0	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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REPORT NUMBER: P1064747

CATALOG NUMBER: GLAN-SA3C-827-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
0.0	2.5°	71.4	71.4	71.4	71.4	70.4	70.4	70.4	69.4	69.4	68.4
0.0	5°	65.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	65.4	65.4
0.0	7.5°	60.3	61.3	62.3	62.3	63.3	63.3	63.3	62.3	62.3	61.3
0.0	10°	57.3	58.3	58.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
0.0	12.5°	53.3	54.3	55.3	55.3	56.3	56.3	56.3	56.3	55.3	55.3
0.0	15°	48.3	50.3	51.3	52.3	52.3	53.3	53.3	53.3	53.3	53.3
0.0	17.5°	44.2	46.3	47.3	48.3	48.3	49.3	49.3	50.3	50.3	50.3
0.0	20°	36.2	38.2	39.2	41.2	42.2	43.2	44.2	45.2	45.2	46.3
0.0	22.5°	28.2	30.2	31.2	33.2	34.2	35.2	36.2	37.2	38.2	39.2
0.0	25°	20.1	22.1	23.1	25.1	26.1	27.1	28.2	29.2	29.2	30.2
0.0	27.5°	11.1	13.1	15.1	16.1	18.1	19.1	20.1	21.1	22.1	23.1
0.0	30°	5.0	6.0	7.0	9.0	10.1	11.1	12.1	14.1	15.1	16.1
0.0	32.5°	0.0	0.0	1.0	3.0	4.0	5.0	6.0	7.0	7.0	8.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	3.0	4.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	82.5°	5.0	6.0	7.0	7.0	8.0	8.0	8.0	8.0	7.0	7.0
	85°	10.1	11.1	12.1	12.1	13.1	13.1	13.1	13.1	13.1	13.1
	87.5°	14.1	15.1	16.1	16.1	17.1	17.1	17.1	17.1	17.1	17.1
	90°	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
	95°	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
	100°	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
	105°	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
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1064747

CATALOG NUMBER: GLAN-SA3C-827-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
58.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	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
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REPORT NUMBER: P1064747

CATALOG NUMBER: GLAN-SA3C-827-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
0.0	0°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
0.0	2.5°	67.4	67.4	66.4	66.4	66.4	66.4	66.4	67.4	68.4	68.4
0.0	5°	64.4	64.4	63.3	63.3	63.3	64.4	64.4	65.4	66.4	67.4
0.0	7.5°	61.3	60.3	60.3	61.3	61.3	62.3	62.3	63.3	64.4	65.4
0.0	10°	59.3	58.3	58.3	58.3	59.3	59.3	60.3	61.3	62.3	63.3
0.0	12.5°	55.3	55.3	55.3	55.3	56.3	56.3	57.3	58.3	60.3	61.3
0.0	15°	53.3	52.3	52.3	52.3	52.3	53.3	53.3	55.3	57.3	58.3
0.0	17.5°	49.3	49.3	48.3	48.3	49.3	49.3	50.3	52.3	54.3	55.3
0.0	20°	45.2	44.2	43.2	43.2	44.2	44.2	45.2	47.3	49.3	50.3
0.0	22.5°	39.2	38.2	38.2	38.2	38.2	39.2	39.2	41.2	44.2	46.3
0.0	25°	31.2	32.2	32.2	33.2	33.2	34.2	35.2	37.2	40.2	42.2
0.0	27.5°	24.1	25.1	25.1	27.1	28.2	29.2	30.2	33.2	36.2	38.2
0.0	30°	18.1	19.1	20.1	21.1	23.1	25.1	27.1	30.2	33.2	35.2
0.0	32.5°	11.1	13.1	14.1	16.1	18.1	20.1	22.1	25.1	29.2	32.2
0.0	35°	8.0	9.0	11.1	12.1	14.1	16.1	18.1	22.1	25.1	29.2
0.0	37.5°	4.0	6.0	8.0	10.1	12.1	14.1	16.1	20.1	24.1	27.1
0.0	40°	3.0	5.0	6.0	8.0	11.1	13.1	15.1	19.1	23.1	27.1
0.0	42.5°	2.0	3.0	4.0	7.0	9.0	12.1	15.1	19.1	23.1	27.1
0.0	45°	2.0	2.0	3.0	6.0	9.0	13.1	16.1	20.1	23.1	27.1
0.0	47.5°	2.0	3.0	4.0	8.0	10.1	13.1	16.1	19.1	23.1	26.1
0.0	50°	3.0	4.0	5.0	9.0	11.1	14.1	16.1	20.1	23.1	27.1
0.0	52.5°	2.0	3.0	4.0	8.0	11.1	15.1	18.1	22.1	26.1	29.2
0.0	55°	1.0	1.0	1.0	6.0	12.1	17.1	23.1	26.1	30.2	33.2
0.0	57.5°	0.0	0.0	0.0	4.0	12.1	19.1	26.1	30.2	34.2	37.2
0.0	60°	0.0	0.0	0.0	4.0	12.1	19.1	26.1	31.2	36.2	41.2
0.0	62.5°	0.0	0.0	0.0	4.0	10.1	16.1	22.1	30.2	39.2	47.3
0.0	65°	0.0	0.0	0.0	3.0	8.0	13.1	18.1	30.2	42.2	53.3
0.0	67.5°	0.0	0.0	0.0	3.0	8.0	12.1	17.1	30.2	42.2	55.3
	70°	0.0	0.0	0.0	3.0	8.0	13.1	18.1	30.2	42.2	54.3
	72.5°	0.0	0.0	0.0	3.0	9.0	14.1	20.1	30.2	40.2	50.3
	75°	0.0	0.0	0.0	4.0	9.0	15.1	21.1	30.2	39.2	47.3
	77.5°	0.0	0.0	0.0	3.0	9.0	14.1	20.1	29.2	38.2	46.3
	80°	3.0	2.0	2.0	5.0	9.0	13.1	17.1	26.1	36.2	45.2
	82.5°	6.0	6.0	5.0	7.0	9.0	12.1	15.1	23.1	32.2	40.2
	85°	12.1	12.1	11.1	12.1	12.1	13.1	14.1	18.1	22.1	26.1
	87.5°	16.1	16.1	15.1	15.1	15.1	14.1	14.1	14.1	14.1	13.1
	90°	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
	95°	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
	100°	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
	105°	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
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1064747

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
58.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.4											
60.3											
56.3											
55.3											
54.3											
48.3											
30.2											
13.1											
0.0											
0.0											
0.0											
0.0											
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0.0											
0.0											

REPORT NUMBER: P1064747

CATALOG NUMBER: GLAN-SA3C-827-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
0.0	2.5°	70.4	71.4	71.4	72.4	73.4	74.4	74.4	75.4	75.4	75.4
0.0	5°	69.4	71.4	72.4	73.4	74.4	75.4	76.4	77.4	78.4	78.4
0.0	7.5°	68.4	69.4	71.4	72.4	74.4	75.4	77.4	78.4	79.4	80.4
0.0	10°	66.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4	82.5	83.5
0.0	12.5°	64.4	67.4	69.4	71.4	74.4	77.4	79.4	82.5	84.5	86.5
0.0	15°	63.3	65.4	68.4	70.4	74.4	78.4	81.4	85.5	89.5	92.5
0.0	17.5°	60.3	64.4	67.4	70.4	74.4	79.4	83.5	87.5	93.5	99.5
0.0	20°	56.3	59.3	63.3	66.4	72.4	77.4	83.5	88.5	97.5	106.6
0.0	22.5°	52.3	56.3	59.3	63.3	70.4	76.4	83.5	89.5	104.6	118.7
0.0	25°	48.3	53.3	57.3	61.3	69.4	77.4	85.5	93.5	118.7	143.8
0.0	27.5°	46.3	50.3	55.3	59.3	69.4	80.4	90.5	100.6	140.8	180.0
0.0	30°	43.2	48.3	52.3	57.3	70.4	83.5	96.5	109.6	170.9	232.3
0.0	32.5°	40.2	45.2	50.3	55.3	72.4	89.5	105.6	122.7	203.1	282.6
0.0	35°	37.2	43.2	48.3	53.3	75.4	98.5	120.7	142.8	232.3	320.8
0.0	37.5°	36.2	42.2	47.3	52.3	76.4	99.5	123.7	146.8	235.3	323.8
0.0	40°	37.2	42.2	48.3	53.3	73.4	93.5	112.6	132.7	225.2	316.7
0.0	42.5°	37.2	43.2	49.3	55.3	71.4	87.5	103.6	119.7	222.2	324.8
0.0	45°	36.2	42.2	48.3	54.3	69.4	83.5	98.5	112.6	240.3	367.0
0.0	47.5°	35.2	41.2	47.3	53.3	68.4	83.5	98.5	113.6	310.7	506.8
0.0	50°	35.2	41.2	46.3	51.3	69.4	88.5	106.6	124.7	452.5	779.3
0.0	52.5°	37.2	42.2	46.3	50.3	71.4	93.5	114.6	135.7	575.2	1013.6
0.0	55°	40.2	43.2	47.3	50.3	76.4	101.6	127.7	152.8	612.4	1071.9
0.0	57.5°	44.2	47.3	50.3	53.3	85.5	117.6	148.8	181.0	615.4	1048.8
0.0	60°	49.3	53.3	56.3	59.3	93.5	128.7	162.9	197.1	557.1	916.0
0.0	62.5°	60.3	65.4	69.4	74.4	107.6	139.8	173.0	205.1	462.5	720.0
0.0	65°	69.4	73.4	77.4	81.4	113.6	146.8	179.0	211.2	392.2	573.1
0.0	67.5°	71.4	75.4	78.4	82.5	115.6	148.8	181.0	214.2	335.8	456.5
	70°	72.4	77.4	83.5	88.5	122.7	156.9	190.0	224.2	297.6	371.0
	72.5°	69.4	79.4	88.5	97.5	129.7	160.9	193.1	224.2	276.5	328.8
	75°	69.4	83.5	96.5	109.6	133.7	156.9	181.0	204.1	244.3	284.6
	77.5°	73.4	91.5	109.6	127.7	141.8	154.9	168.9	182.0	208.1	234.3
	80°	73.4	92.5	110.6	129.7	135.7	142.8	148.8	154.9	157.9	160.9
	82.5°	63.3	78.4	93.5	108.6	101.6	94.5	87.5	80.4	75.4	69.4
	85°	32.2	35.2	37.2	39.2	36.2	33.2	30.2	27.1	25.1	22.1
	87.5°	13.1	13.1	12.1	12.1	12.1	12.1	11.1	11.1	11.1	11.1
	90°	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
	95°	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
	100°	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
	105°	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
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1064747

CATALOG NUMBER: GLAN-SA3C-827-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
58.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
214.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
297.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
403.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
503.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
572.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
623.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
674.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
775.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
976.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1488.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2279.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2869.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2935.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2648.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2264.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1769.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1337.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
987.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
698.8											
519.9											
378.1											
284.6											
159.9											
72.4											
21.1											
10.1											
0.0											
0.0											
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REPORT NUMBER: P1064747

CATALOG NUMBER: GLAN-SA3C-827-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
0.0	0°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
0.0	2.5°	75.4	74.4	74.4	73.4	72.4	71.4	70.4	69.4	68.4	67.4
0.0	5°	78.4	78.4	78.4	77.4	77.4	76.4	76.4	75.4	74.4	73.4
0.0	7.5°	81.4	82.5	82.5	83.5	83.5	83.5	83.5	82.5	82.5	82.5
0.0	10°	86.5	87.5	88.5	89.5	90.5	91.5	91.5	92.5	92.5	92.5
0.0	12.5°	92.5	95.5	97.5	100.6	102.6	105.6	107.6	110.6	112.6	114.6
0.0	15°	101.6	106.6	112.6	117.6	122.7	129.7	137.8	144.8	151.8	162.9
0.0	17.5°	114.6	130.7	146.8	161.9	178.0	213.2	248.4	282.6	317.7	369.0
0.0	20°	139.8	188.0	235.3	283.6	330.8	454.5	577.2	700.8	823.5	955.2
0.0	22.5°	196.1	314.7	433.4	552.0	670.7	929.1	1186.5	1444.9	1702.4	2005.0
0.0	25°	284.6	502.8	721.0	938.2	1156.4	1560.6	1965.8	2370.0	2774.2	3167.4
0.0	27.5°	414.3	748.1	1081.9	1414.8	1748.6	2296.6	2845.6	3393.6	3941.7	4386.1
0.0	30°	574.2	1026.6	1479.1	1931.6	2384.1	3007.5	3630.9	4253.4	4876.8	5362.5
0.0	32.5°	725.0	1279.0	1833.1	2386.1	2940.2	3650.0	4361.0	5070.9	5780.8	6311.7
0.0	35°	823.5	1493.2	2163.9	2833.6	3503.2	4271.5	5039.7	5806.9	6575.1	7181.4
0.0	37.5°	922.1	1695.3	2467.6	3240.8	4013.0	4856.7	5700.3	6543.9	7387.6	8136.7
0.0	40°	1032.7	1939.7	2845.6	3752.6	4658.6	5658.1	6656.6	7656.1	8654.5	9711.3
0.0	42.5°	1224.7	2344.9	3466.0	4586.2	5706.3	7028.6	8350.9	9672.1	10994.4	12502.7
0.0	45°	1585.7	3164.4	4744.1	6322.7	7901.4	9653.0	11405.7	13157.3	14908.9	16915.9
0.0	47.5°	2469.6	4641.5	6812.4	8984.4	11155.3	13046.7	14937.0	16828.4	18718.8	20717.8
0.0	50°	3778.8	6306.6	8834.5	11361.4	13889.3	15600.7	17311.1	19022.5	20732.9	22634.3
0.0	52.5°	4726.0	7359.4	9993.9	12627.4	15260.8	16805.3	18350.8	19895.3	21439.8	23216.5
0.0	55°	4797.4	7415.7	10035.1	12653.5	15271.9	16823.4	18374.9	19926.5	21478.0	23361.3
0.0	57.5°	4247.3	6844.6	9440.9	12038.1	14634.4	16401.1	18166.8	19933.5	21699.2	23735.4
0.0	60°	3612.8	6211.1	8808.4	11406.7	14003.9	16039.1	18075.3	20110.5	22145.6	24053.1
0.0	62.5°	2818.5	5491.2	8164.8	10837.5	13510.2	15576.6	17642.9	19708.3	21774.6	23205.5
0.0	65°	2100.5	4695.8	7291.0	9885.3	12480.6	14135.6	15790.7	17444.8	19099.9	19985.8
0.0	67.5°	1518.3	3756.6	5993.9	8232.2	10469.5	11654.0	12838.5	14022.0	15206.5	15884.3
	70°	1026.6	2577.2	4126.7	5677.2	7226.7	8200.0	9174.4	10147.7	11121.1	12036.1
	72.5°	710.9	1581.7	2453.5	3324.3	4195.0	5174.4	6152.8	7132.2	8110.6	9078.9
	75°	471.6	867.8	1264.9	1661.1	2057.3	2782.3	3508.3	4233.3	4958.2	5535.4
	77.5°	334.8	453.5	573.1	691.8	810.5	946.2	1082.9	1218.7	1354.4	1560.6
	80°	158.9	174.0	189.0	203.1	218.2	267.5	316.7	366.0	415.3	467.6
	82.5°	75.4	81.4	87.5	92.5	98.5	103.6	108.6	113.6	118.7	113.6
	85°	20.1	20.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	20.1
	87.5°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.0	8.0	7.0
	90°	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
	95°	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
	100°	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
	105°	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
	110°	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):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
58.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
419.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1088.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2307.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3560.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4830.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5849.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6843.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7787.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8886.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10768.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14011.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18922.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22716.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24535.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24993.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25245.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25771.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25959.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24637.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20872.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16563.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12950.1											
10047.2											
6112.6											
1766.7											
519.9											
107.6											
19.1											
7.0											
0.0											
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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
0.0	2.5°	65.4	64.4	63.3	62.3	61.3	59.3	59.3	58.3	58.3
0.0	5°	71.4	70.4	69.4	68.4	68.4	67.4	66.4	66.4	65.4
0.0	7.5°	81.4	80.4	79.4	78.4	78.4	77.4	77.4	76.4	76.4
0.0	10°	93.5	93.5	93.5	93.5	93.5	92.5	92.5	92.5	91.5
0.0	12.5°	117.6	118.7	120.7	122.7	125.7	125.7	125.7	124.7	124.7
0.0	15°	186.0	197.1	205.1	213.2	220.2	236.3	234.3	231.3	229.3
0.0	17.5°	470.6	520.9	548.0	574.2	601.3	675.7	663.6	651.6	640.5
0.0	20°	1219.7	1351.4	1438.9	1526.4	1614.9	1754.6	1720.5	1686.3	1652.1
0.0	22.5°	2609.3	2912.0	3043.7	3175.4	3306.2	3475.1	3365.5	3255.9	3147.3
0.0	25°	3952.7	4345.9	4568.1	4790.3	5011.5	5108.1	4965.3	4821.5	4678.7
0.0	27.5°	5275.0	5719.4	5915.5	6110.6	6306.6	6508.8	6331.8	6153.8	5976.8
0.0	30°	6334.8	6820.5	7032.6	7243.8	7456.0	7596.7	7413.7	7229.7	7046.7
0.0	32.5°	7374.5	7905.4	8137.7	8370.0	8601.2	8803.4	8578.1	8351.9	8126.6
0.0	35°	8393.1	8999.4	9319.2	9638.9	9958.7	10146.7	9879.3	9610.8	9343.3
0.0	37.5°	9635.9	10385.0	10743.0	11101.0	11458.9	11801.8	11507.2	11211.6	10917.0
0.0	40°	11825.0	12881.8	13430.8	13980.8	14529.8	14972.2	14600.2	14228.2	13856.1
0.0	42.5°	15519.2	17027.5	17816.9	18605.2	19394.5	20085.3	19694.2	19303.0	18911.9
0.0	45°	20930.0	22937.0	23899.3	24860.6	25822.8	26327.6	25764.5	25200.4	24637.3
0.0	47.5°	24714.8	26713.7	27570.4	28427.1	29283.9	29860.0	29171.2	28482.5	27794.7
0.0	50°	26436.2	28337.7	29197.4	30056.1	30915.8	31373.3	30578.0	29781.6	28986.2
0.0	52.5°	26769.0	28545.8	29571.4	30598.1	31623.7	32235.1	31295.9	30355.7	29416.6
0.0	55°	27129.0	29012.4	30201.9	31392.4	32582.0	33428.6	32366.8	31304.0	30242.1
0.0	57.5°	27806.7	29842.9	31029.4	32215.0	33401.5	34120.4	33055.6	31989.7	30924.9
0.0	60°	27867.1	29773.5	30793.1	31813.8	32833.4	33285.8	32267.2	31247.6	30229.0
0.0	62.5°	26068.2	27499.1	28206.9	28914.8	29622.7	30114.4	29051.6	27987.7	26924.9
0.0	65°	21758.5	22644.4	23208.5	23772.6	24336.7	24922.9	23949.6	22976.2	22002.9
0.0	67.5°	17240.7	17918.4	18661.5	19404.6	20147.7	20774.1	19994.8	19214.5	18435.3
	70°	13865.2	14779.2	15614.8	16450.4	17286.0	17798.8	17016.5	16233.2	15450.9
	72.5°	11015.5	11983.8	12681.7	13378.5	14076.3	14202.0	13626.9	13051.7	12477.5
	75°	6688.7	7265.9	7280.0	7293.1	7307.1	7426.8	6950.2	6473.6	5997.9
	77.5°	1972.8	2179.0	2348.9	2517.8	2687.8	2892.9	2717.9	2542.0	2367.0
	80°	571.1	623.4	667.7	710.9	755.1	729.0	687.8	646.6	605.3
	82.5°	102.6	96.5	95.5	94.5	94.5	89.5	81.4	73.4	65.4
	85°	18.1	17.1	16.1	15.1	14.1	13.1	11.1	10.1	8.0
	87.5°	6.0	5.0	4.0	3.0	3.0	1.0	1.0	1.0	0.0
	90°	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
	95°	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
	100°	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
	105°	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
	110°	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):

[illegible]

REPORT NUMBER: P1064747

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CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
0.0	0.0	2.5°	57.3	56.3	56.3	56.3	56.3	55.3	55.3	55.3	55.3
0.0	0.0	5°	63.3	63.3	62.3	62.3	61.3	61.3	60.3	60.3	59.3
0.0	0.0	7.5°	74.4	73.4	72.4	71.4	70.4	68.4	67.4	66.4	66.4
0.0	0.0	10°	89.5	87.5	86.5	84.5	83.5	81.4	79.4	77.4	75.4
0.0	0.0	12.5°	117.6	113.6	110.6	106.6	102.6	99.5	95.5	92.5	88.5
0.0	0.0	15°	204.1	194.1	183.0	169.9	155.9	142.8	128.7	120.7	111.6
0.0	0.0	17.5°	521.9	469.6	416.3	373.0	329.8	287.6	244.3	213.2	182.0
0.0	0.0	20°	1328.3	1183.5	1038.7	895.9	752.1	609.3	465.6	393.2	320.8
0.0	0.0	22.5°	2499.7	2231.3	1961.8	1701.3	1439.9	1179.5	919.0	755.1	592.3
0.0	0.0	25°	3858.2	3520.3	3182.5	2754.1	2324.8	1896.4	1468.1	1201.6	935.1
0.0	0.0	27.5°	5020.6	4631.4	4242.3	3721.4	3200.6	2679.7	2158.9	1761.7	1365.5
0.0	0.0	30°	6027.1	5608.8	5190.5	4584.2	3977.9	3371.5	2765.2	2268.5	1771.7
0.0	0.0	32.5°	6899.9	6399.2	5898.4	5273.0	4647.5	4022.1	3396.7	2787.3	2178.0
0.0	0.0	35°	7906.4	7322.2	6737.0	6043.2	5348.4	4654.6	3960.8	3273.0	2584.2
0.0	0.0	37.5°	9185.5	8468.5	7750.6	6977.3	6204.1	5431.8	4658.6	3872.3	3086.0
0.0	0.0	40°	11633.9	10708.8	9783.7	8801.3	7817.9	6835.5	5853.2	4887.8	3922.5
0.0	0.0	42.5°	16021.0	14771.1	13521.3	12214.1	10905.9	9598.7	8290.5	6929.1	5566.6
0.0	0.0	45°	20972.2	19421.7	17870.2	16403.1	14935.0	13468.0	12000.9	10132.7	8264.4
0.0	0.0	47.5°	23756.5	22082.3	20408.1	19019.5	17630.8	16242.2	14853.6	12839.5	10825.5
0.0	0.0	50°	24781.1	23076.8	21372.4	20094.4	18815.4	17537.3	16258.3	14241.2	12223.1
0.0	0.0	52.5°	24999.3	23260.8	21522.2	20236.2	18950.1	17665.0	16379.0	14375.0	12371.0
0.0	0.0	55°	25447.8	23582.5	21716.3	20250.2	18784.2	17318.1	15852.1	13815.9	11779.7
0.0	0.0	57.5°	26034.0	24121.5	22209.0	20538.8	18868.6	17199.5	15529.3	13303.1	11076.8
0.0	0.0	60°	25880.2	24216.0	22550.9	20762.0	18972.2	17183.4	15393.6	12945.1	10495.7
0.0	0.0	62.5°	23209.5	21884.2	20557.9	19086.8	17614.8	16143.7	14672.6	12151.7	9630.9
0.0	0.0	65°	19093.9	18126.6	17159.3	15975.8	14791.2	13607.7	12424.2	10163.8	7904.4
0.0	0.0	67.5°	15475.0	14385.0	13294.0	12350.8	11406.7	10463.5	9519.3	7740.5	5961.7
		70°	12294.5	11109.0	9922.5	9001.4	8079.4	7158.3	6237.3	5054.8	3873.3
		72.5°	9763.6	8694.8	7625.9	6643.5	5660.1	4677.7	3694.3	2995.5	2296.6
		75°	4666.6	4239.3	3811.9	3298.1	2784.3	2270.5	1756.6	1452.0	1148.3
		77.5°	1729.5	1499.2	1268.0	1058.8	849.7	641.5	432.4	396.2	360.0
		80°	447.5	390.1	331.8	290.6	248.4	207.1	165.9	149.8	134.7
		82.5°	51.3	47.3	44.2	42.2	39.2	37.2	34.2	31.2	28.2
		85°	3.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	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
		95°	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
		100°	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
		105°	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
		110°	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):

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REPORT NUMBER: P1064747

CATALOG NUMBER: GLAN-SA3C-827-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	58.3	58.3
0.0	0.0	2.5°	54.3	53.3
0.0	0.0	5°	57.3	56.3
0.0	0.0	7.5°	63.3	61.3
0.0	0.0	10°	69.4	67.4
0.0	0.0	12.5°	78.4	75.4
0.0	0.0	15°	88.5	82.5
0.0	0.0	17.5°	105.6	92.5
0.0	0.0	20°	142.8	109.6
0.0	0.0	22.5°	201.1	136.8
0.0	0.0	25°	295.6	189.0
0.0	0.0	27.5°	411.3	251.4
0.0	0.0	30°	547.0	314.7
0.0	0.0	32.5°	666.7	375.1
0.0	0.0	35°	822.5	436.4
0.0	0.0	37.5°	1014.6	514.8
0.0	0.0	40°	1312.2	633.5
0.0	0.0	42.5°	1848.2	852.7
0.0	0.0	45°	3001.5	1474.1
0.0	0.0	47.5°	4618.4	2438.4
0.0	0.0	50°	5650.0	3112.1
0.0	0.0	52.5°	5734.5	3107.1
0.0	0.0	55°	5234.8	2762.2
0.0	0.0	57.5°	4466.5	2308.7
0.0	0.0	60°	3712.4	1826.0
0.0	0.0	62.5°	2925.1	1260.9
0.0	0.0	65°	2137.7	891.9
0.0	0.0	67.5°	1535.4	666.7
		70°	1009.5	510.8
		72.5°	657.6	416.3
		75°	442.4	344.9
		77.5°	258.4	229.3
		80°	91.5	80.4
		82.5°	17.1	12.1
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1064747

CATALOG NUMBER: GLAN-SA3C-827-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	0.0	0.0
115°	0.0	0.0
117.5°	0.0	0.0
120°	0.0	0.0
122.5°	0.0	0.0
125°	0.0	0.0
127.5°	0.0	0.0
130°	0.0	0.0
132.5°	0.0	0.0
135°	0.0	0.0
137.5°	0.0	0.0
140°	0.0	0.0
142.5°	0.0	0.0
145°	0.0	0.0
147.5°	0.0	0.0
150°	0.0	0.0
152.5°	0.0	0.0
155°	0.0	0.0
157.5°	0.0	0.0
160°	0.0	0.0
162.5°	0.0	0.0
165°	0.0	0.0
167.5°	0.0	0.0
170°	0.0	0.0
172.5°	0.0	0.0
175°	0.0	0.0
177.5°	0.0	0.0
180°	0.0	0.0

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2756
 CIE u' : 0.2599
 CIE v' : 0.5271
 Duv: 0.0006
 CIE x: 0.4563
 CIE y: 0.4112
 CIE z: 0.1325
 Peak Wavelength (nm): 609
 Dominant Wavelength (nm): 583
 Purity: 60.41121
 R_f: 82.2
 R_g: 99.9

CRI (Ra): 82.9
 R1: 81.6
 R2: 88.8
 R3: 96.0
 R4: 83.4
 R5: 81.4
 R6: 87.0
 R7: 84.0
 R8: 60.8
 R9: 10.8
 R10: 74.8
 R11: 84.3
 R12: 72.1
 R13: 82.9
 R14: 97.3
 R15: 73.7



Test Conditions

Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-8

Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-8

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.2

λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



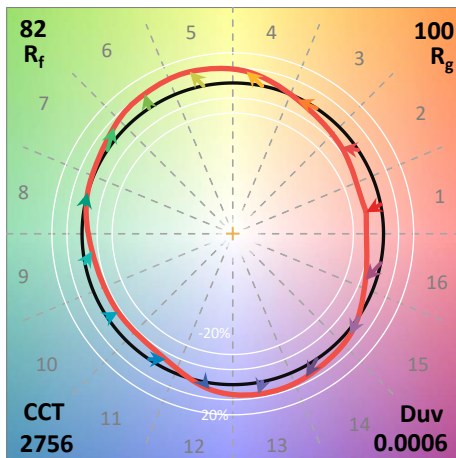
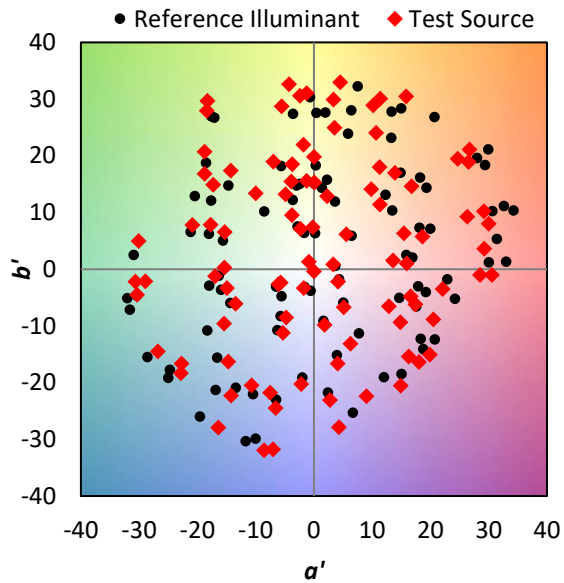
Melanopic Lumens: NR

M/P: 2.16

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

TM-30-18
Summary
 $R_f = 82.2$
 $R_g = 99.9$
 CIE $R_a = 82.9$
 $R_9 = 10.8$

Color Vector Graphics


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)