

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: P1064762

Luminaire Tested: **GLAN-SA7B-827-U-RBC**

Issue Date: 08/07/2025



Test Information

Test Method: LM-79-08
Report Number: P1064762
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA7B-827-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 7xLight Square PACKAGE
80CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (98) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 24494.1 lumens
Efficiency: N/A
Efficacy: 98.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 249.5
Input Voltage (V): 120
Input Current (Ain): 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

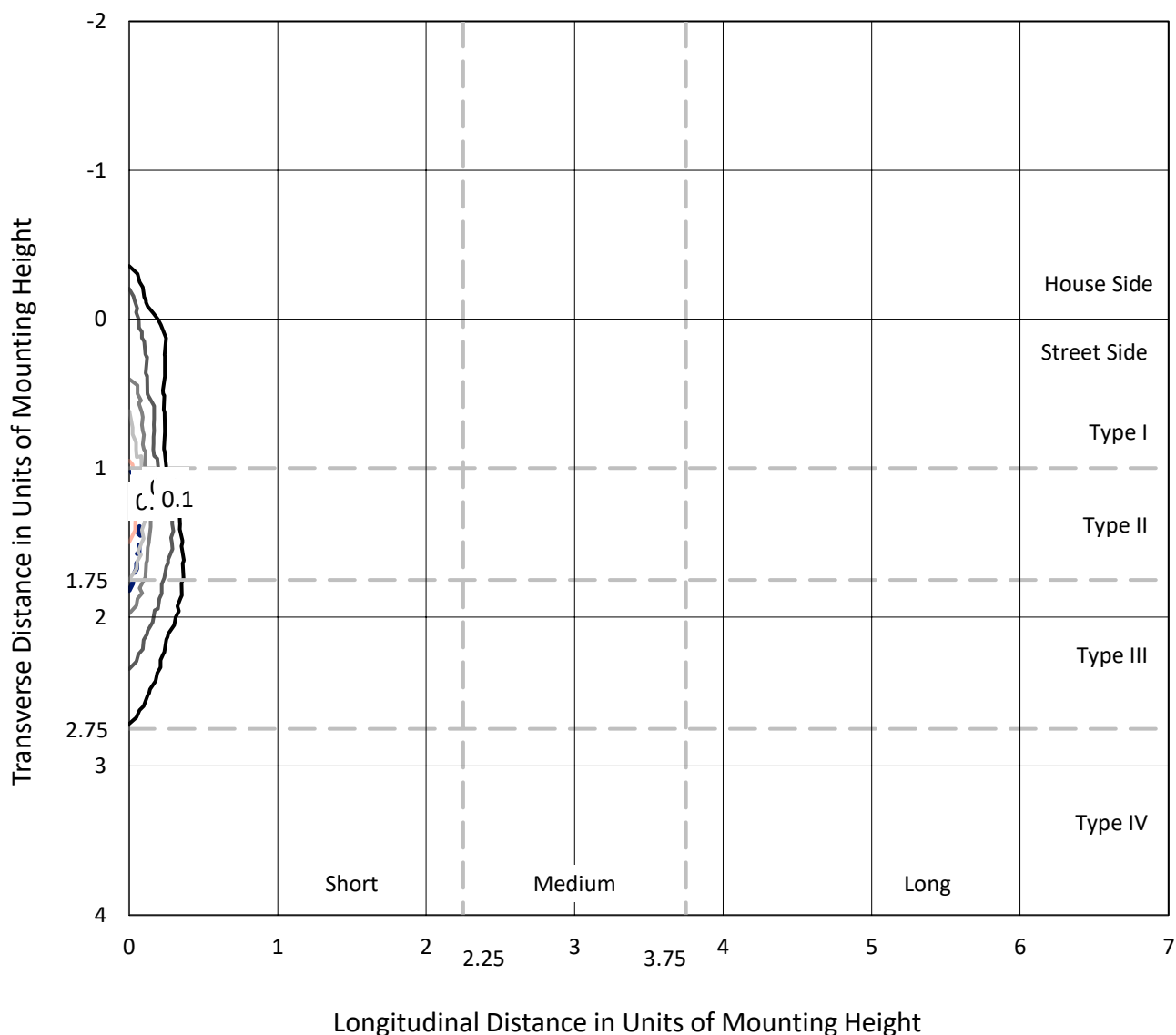
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

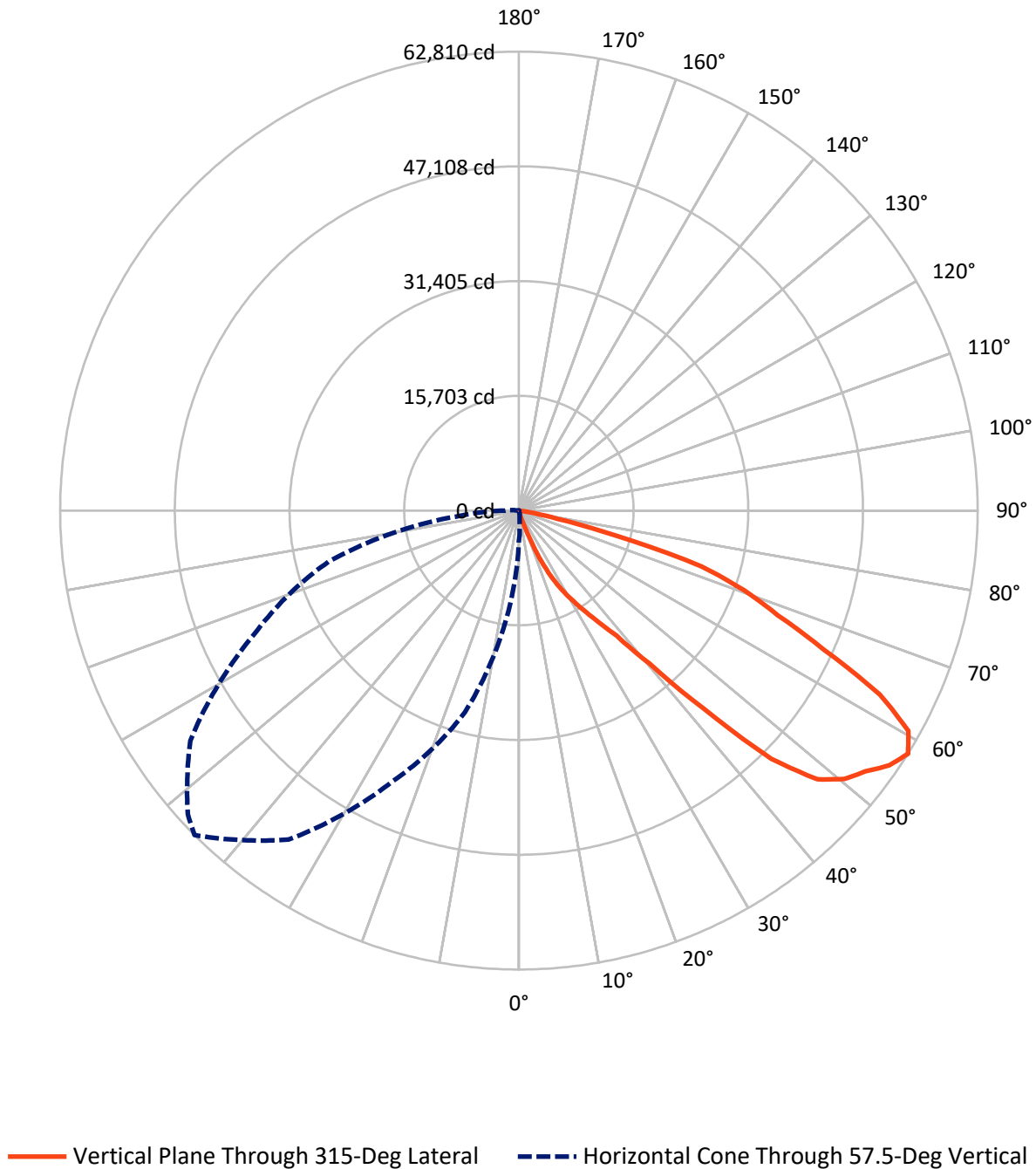


Based on 20 foot mounting height. Maximum calculated value = 3.6 fc

Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	122.7	0.0	122.7
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	24371.5	0.0	24371.5
	% Fixture	99.5	0.0	99.5
Total	Lumens	24494.1	0.0	24494.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.6	0.0
10°-20°	53.8	0.2
20°-30°	580.5	2.4
30°-40°	1716.6	7.0
40°-50°	5115.9	20.9
50°-60°	8111.9	33.1
60°-70°	6771.5	27.6
70°-80°	2088.1	8.5
80°-90°	46.4	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°	24494.1	100.0
0°-180°	24494.1	100.0



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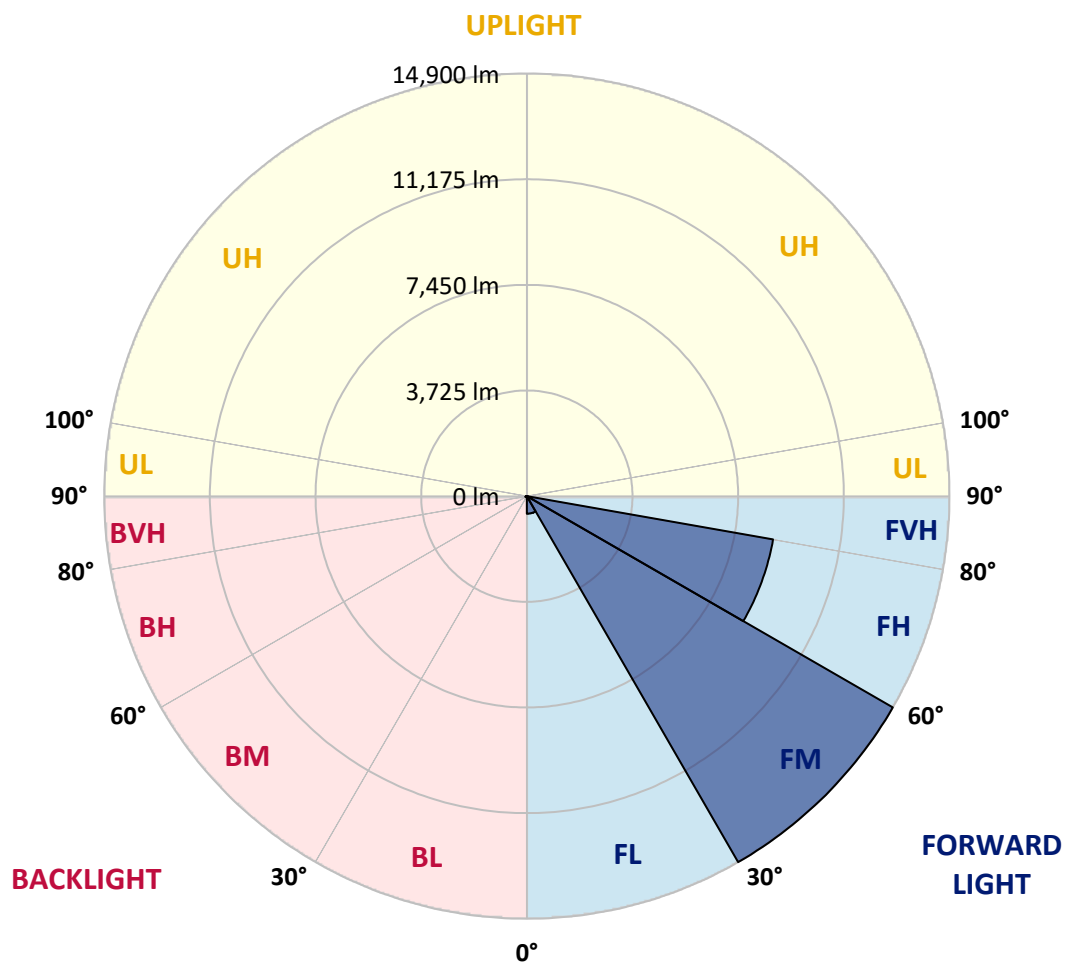
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	621.4	2.5			
FM	(30°-60°)	14900.5	60.8			
FH	(60°-80°)	8813.8	36.0			G4/12000
FVH	(80°-90°)	35.9	0.1			G1/100
BL	(0°-30°)	22.5	0.1	B0/110		
BM	(30°-60°)	43.8	0.2	B0/220		
BH	(60°-80°)	45.8	0.2	B0/110		G0/110
BVH	(80°-90°)	10.5	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G4

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°	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4
2.5°	98.1	98.1	98.1	98.1	96.3	96.3	94.4	94.4	92.5	92.5
5°	103.7	103.7	101.8	100.0	100.0	98.1	96.3	94.4	94.4	92.5
7.5°	112.9	111.1	109.2	107.4	103.7	101.8	98.1	96.3	94.4	90.7
10°	124.0	120.3	116.6	112.9	109.2	105.5	101.8	100.0	96.3	94.4
12.5°	138.8	133.3	125.9	120.3	116.6	111.1	107.4	103.7	98.1	94.4
15°	151.8	144.4	135.1	127.7	122.2	114.8	109.2	103.7	100.0	94.4
17.5°	170.3	157.3	142.5	133.3	125.9	116.6	107.4	101.8	96.3	88.8
20°	201.8	175.8	148.1	137.0	125.9	114.8	103.7	96.3	90.7	83.3
22.5°	251.7	207.3	162.9	146.2	131.4	114.8	100.0	92.5	85.1	77.7
25°	348.0	268.4	188.8	166.6	144.4	122.2	100.0	90.7	83.3	74.0
27.5°	462.7	344.3	224.0	192.5	162.9	131.4	100.0	88.8	79.6	68.5
30°	579.4	422.0	262.8	222.1	181.4	140.7	100.0	87.0	75.9	62.9
32.5°	690.4	494.2	296.2	248.0	199.9	149.9	101.8	87.0	72.2	57.4
35°	803.3	553.4	301.7	251.7	201.8	149.9	100.0	83.3	68.5	51.8
37.5°	947.7	620.1	290.6	240.6	192.5	142.5	94.4	79.6	64.8	48.1
40°	1166.1	731.1	296.2	244.3	192.5	140.7	88.8	74.0	61.1	46.3
42.5°	1569.6	945.9	320.2	261.0	201.8	140.7	81.4	68.5	57.4	44.4
45°	2713.6	1571.5	429.4	340.6	251.7	162.9	74.0	62.9	53.7	42.6
47.5°	4488.7	2630.3	771.9	596.0	422.0	246.2	72.2	62.9	53.7	42.6
50°	5728.8	3350.3	971.8	747.8	523.8	299.9	75.9	64.8	55.5	44.4
52.5°	5719.6	3402.1	1082.8	831.1	581.2	329.5	79.6	68.5	59.2	48.1
55°	5084.7	3094.9	1103.2	847.8	594.2	338.7	85.1	74.0	62.9	51.8
57.5°	4249.9	2628.4	1006.9	779.3	553.4	325.8	98.1	85.1	74.0	61.1
60°	3361.4	2073.1	784.8	620.1	457.2	292.5	129.6	112.9	98.1	81.4
62.5°	2321.2	1503.0	684.9	549.7	416.5	281.4	148.1	131.4	116.6	100.0
65°	1641.8	1131.0	618.2	503.5	390.6	275.8	161.0	142.5	125.9	107.4
67.5°	1227.2	899.6	570.1	472.0	373.9	275.8	177.7	155.5	135.1	112.9
70°	940.3	738.5	534.9	455.3	377.6	298.0	218.4	187.0	157.3	125.9
72.5°	766.3	631.2	494.2	436.8	379.5	322.1	264.7	224.0	183.2	140.7
75°	634.9	540.5	446.1	398.0	351.7	303.6	255.4	218.4	183.2	146.2
77.5°	422.0	385.0	346.1	318.4	290.6	261.0	233.2	201.8	172.1	140.7
80°	148.1	142.5	137.0	148.1	159.2	170.3	181.4	159.2	138.8	116.6
82.5°	22.2	20.4	18.5	20.4	22.2	24.1	25.9	27.8	29.6	31.5
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°	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4
0.0	2.5°	90.7	90.7	88.8	88.8	88.8	87.0	87.0	85.1	85.1	85.1
0.0	5°	88.8	88.8	87.0	85.1	83.3	83.3	81.4	79.6	79.6	77.7
0.0	7.5°	87.0	85.1	83.3	81.4	79.6	77.7	75.9	74.0	74.0	72.2
0.0	10°	88.8	85.1	83.3	79.6	77.7	75.9	72.2	70.3	68.5	68.5
0.0	12.5°	85.1	83.3	79.6	75.9	74.0	70.3	68.5	64.8	62.9	62.9
0.0	15°	85.1	81.4	75.9	72.2	68.5	66.6	62.9	59.2	57.4	55.5
0.0	17.5°	79.6	75.9	70.3	66.6	62.9	59.2	55.5	51.8	50.0	48.1
0.0	20°	72.2	68.5	62.9	57.4	53.7	50.0	46.3	42.6	40.7	38.9
0.0	22.5°	64.8	61.1	55.5	50.0	46.3	42.6	37.0	33.3	31.5	27.8
0.0	25°	61.1	55.5	50.0	44.4	38.9	35.2	29.6	24.1	20.4	16.7
0.0	27.5°	51.8	46.3	40.7	35.2	29.6	24.1	18.5	13.0	9.3	7.4
0.0	30°	44.4	38.9	33.3	27.8	20.4	14.8	9.3	1.9	1.9	1.9
0.0	32.5°	37.0	31.5	24.1	18.5	14.8	9.3	5.6	0.0	0.0	0.0
0.0	35°	29.6	24.1	16.7	11.1	9.3	5.6	3.7	0.0	0.0	0.0
0.0	37.5°	25.9	20.4	13.0	5.6	3.7	3.7	1.9	0.0	0.0	0.0
0.0	40°	24.1	16.7	9.3	1.9	1.9	1.9	0.0	0.0	0.0	0.0
0.0	42.5°	24.1	16.7	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	24.1	16.7	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	24.1	16.7	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	25.9	18.5	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	29.6	22.2	14.8	7.4	5.6	3.7	1.9	0.0	0.0	0.0
0.0	55°	37.0	33.3	27.8	24.1	18.5	13.0	5.6	0.0	0.0	0.0
0.0	57.5°	48.1	48.1	46.3	44.4	33.3	22.2	11.1	0.0	0.0	0.0
0.0	60°	64.8	64.8	64.8	64.8	48.1	33.3	16.7	0.0	0.0	0.0
0.0	62.5°	79.6	75.9	70.3	66.6	50.0	33.3	16.7	0.0	0.0	0.0
0.0	65°	79.6	72.2	62.9	53.7	40.7	27.8	13.0	0.0	0.0	0.0
0.0	67.5°	74.0	59.2	42.6	27.8	20.4	14.8	7.4	0.0	0.0	0.0
	70°	74.0	51.8	29.6	7.4	5.6	3.7	1.9	0.0	0.0	0.0
	72.5°	74.0	50.0	24.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	81.4	55.5	27.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	81.4	55.5	27.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	72.2	48.1	24.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	24.1	16.7	7.4	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°	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4
0.0	2.5°	83.3	83.3	83.3	81.4	81.4	81.4	81.4	79.6	79.6	79.6
0.0	5°	75.9	75.9	74.0	74.0	72.2	72.2	70.3	70.3	68.5	68.5
0.0	7.5°	70.3	68.5	68.5	66.6	64.8	64.8	62.9	62.9	61.1	59.2
0.0	10°	64.8	62.9	62.9	61.1	59.2	57.4	57.4	55.5	53.7	51.8
0.0	12.5°	59.2	57.4	55.5	53.7	51.8	50.0	50.0	48.1	46.3	44.4
0.0	15°	51.8	50.0	48.1	46.3	44.4	42.6	42.6	40.7	38.9	37.0
0.0	17.5°	44.4	42.6	42.6	40.7	38.9	37.0	35.2	31.5	29.6	27.8
0.0	20°	33.3	31.5	29.6	27.8	25.9	22.2	20.4	16.7	13.0	11.1
0.0	22.5°	22.2	18.5	16.7	13.0	9.3	7.4	5.6	1.9	0.0	0.0
0.0	25°	7.4	5.6	3.7	1.9	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: P1064762

CATALOG NUMBER: GLAN-SA7B-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1064762

CATALOG NUMBER: GLAN-SA7B-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°	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4
0.0	2.5°	77.7	77.7	77.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9
0.0	5°	66.6	66.6	66.6	64.8	64.8	62.9	62.9	62.9	61.1	61.1
0.0	7.5°	57.4	55.5	55.5	53.7	53.7	51.8	51.8	51.8	50.0	50.0
0.0	10°	48.1	46.3	46.3	44.4	44.4	42.6	42.6	40.7	40.7	38.9
0.0	12.5°	42.6	40.7	38.9	37.0	37.0	35.2	33.3	33.3	31.5	29.6
0.0	15°	33.3	31.5	29.6	27.8	25.9	24.1	22.2	22.2	20.4	18.5
0.0	17.5°	22.2	18.5	16.7	14.8	14.8	13.0	11.1	9.3	7.4	5.6
0.0	20°	5.6	3.7	1.9	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
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

CATALOG NUMBER: GLAN-SA7B-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1064762

CATALOG NUMBER: GLAN-SA7B-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°	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4
0.0	2.5°	75.9	74.0	74.0	74.0	75.9	75.9	75.9	75.9	75.9	75.9
0.0	5°	61.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
0.0	7.5°	50.0	48.1	48.1	48.1	48.1	46.3	46.3	46.3	46.3	46.3
0.0	10°	38.9	37.0	37.0	37.0	37.0	35.2	35.2	35.2	35.2	35.2
0.0	12.5°	27.8	27.8	25.9	25.9	25.9	24.1	24.1	24.1	24.1	22.2
0.0	15°	16.7	14.8	13.0	13.0	13.0	11.1	11.1	11.1	11.1	9.3
0.0	17.5°	3.7	3.7	1.9	1.9	1.9	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]

REPORT NUMBER: P1064762

CATALOG NUMBER: GLAN-SA7B-827-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4
0.0	2.5°	77.7	77.7	79.6	79.6	81.4	85.1	87.0	88.8	92.5	96.3
0.0	5°	61.1	62.9	62.9	64.8	66.6	68.5	70.3	72.2	75.9	79.6
0.0	7.5°	48.1	48.1	50.0	50.0	51.8	55.5	57.4	59.2	62.9	68.5
0.0	10°	37.0	37.0	38.9	38.9	40.7	44.4	46.3	48.1	51.8	57.4
0.0	12.5°	24.1	25.9	25.9	27.8	29.6	33.3	35.2	37.0	40.7	44.4
0.0	15°	11.1	13.0	13.0	14.8	16.7	20.4	22.2	24.1	27.8	33.3
0.0	17.5°	1.9	1.9	3.7	3.7	5.6	7.4	9.3	11.1	16.7	20.4
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	7.4
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
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
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

CATALOG NUMBER: GLAN-SA7B-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

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CATALOG NUMBER: GLAN-SA7B-827-U-RBC

CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4
0.0	2.5°	101.8	105.5	109.2	112.9	116.6	120.3	122.2	125.9	127.7	129.6
0.0	5°	87.0	90.7	96.3	100.0	103.7	107.4	111.1	112.9	114.8	116.6
0.0	7.5°	75.9	79.6	85.1	88.8	92.5	96.3	100.0	103.7	105.5	107.4
0.0	10°	64.8	70.3	74.0	79.6	83.3	87.0	90.7	94.4	98.1	100.0
0.0	12.5°	51.8	57.4	62.9	66.6	72.2	77.7	81.4	85.1	88.8	92.5
0.0	15°	40.7	46.3	51.8	55.5	61.1	66.6	72.2	75.9	79.6	83.3
0.0	17.5°	29.6	35.2	40.7	44.4	50.0	55.5	59.2	64.8	68.5	72.2
0.0	20°	14.8	20.4	25.9	31.5	37.0	42.6	46.3	51.8	55.5	59.2
0.0	22.5°	1.9	7.4	13.0	16.7	22.2	27.8	31.5	37.0	40.7	44.4
0.0	25°	0.0	1.9	5.6	7.4	9.3	13.0	16.7	20.4	24.1	27.8
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.9	3.7	7.4	11.1	14.8
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7
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	1.9
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.9	3.7
	85°	0.0	0.0	0.0	0.0	0.0	3.7	5.6	9.3	11.1	13.0
	87.5°	0.0	1.9	3.7	5.6	7.4	11.1	14.8	18.5	20.4	22.2
	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: P1064762

CATALOG NUMBER: GLAN-SA7B-827-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
107.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.6	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											
0.0											
0.0											
0.0											
1.9											
7.4											
16.7											
24.1											
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REPORT NUMBER: P1064762

CATALOG NUMBER: GLAN-SA7B-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°	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4
0.0	2.5°	131.4	131.4	131.4	131.4	129.6	129.6	129.6	127.7	127.7	125.9
0.0	5°	120.3	122.2	122.2	122.2	122.2	122.2	122.2	122.2	120.3	120.3
0.0	7.5°	111.1	112.9	114.8	114.8	116.6	116.6	116.6	114.8	114.8	112.9
0.0	10°	105.5	107.4	107.4	109.2	109.2	109.2	109.2	109.2	109.2	109.2
0.0	12.5°	98.1	100.0	101.8	101.8	103.7	103.7	103.7	103.7	101.8	101.8
0.0	15°	88.8	92.5	94.4	96.3	96.3	98.1	98.1	98.1	98.1	98.1
0.0	17.5°	81.4	85.1	87.0	88.8	88.8	90.7	90.7	92.5	92.5	92.5
0.0	20°	66.6	70.3	72.2	75.9	77.7	79.6	81.4	83.3	83.3	85.1
0.0	22.5°	51.8	55.5	57.4	61.1	62.9	64.8	66.6	68.5	70.3	72.2
0.0	25°	37.0	40.7	42.6	46.3	48.1	50.0	51.8	53.7	53.7	55.5
0.0	27.5°	20.4	24.1	27.8	29.6	33.3	35.2	37.0	38.9	40.7	42.6
0.0	30°	9.3	11.1	13.0	16.7	18.5	20.4	22.2	25.9	27.8	29.6
0.0	32.5°	0.0	0.0	1.9	5.6	7.4	9.3	11.1	13.0	13.0	14.8
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.9	3.7	5.6	7.4
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°	3.7	3.7	3.7	5.6	5.6	5.6	5.6	5.6	5.6	5.6
	82.5°	9.3	11.1	13.0	13.0	14.8	14.8	14.8	14.8	13.0	13.0
	85°	18.5	20.4	22.2	22.2	24.1	24.1	24.1	24.1	24.1	24.1
	87.5°	25.9	27.8	29.6	29.6	31.5	31.5	31.5	31.5	31.5	31.5
	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: P1064762

CATALOG NUMBER: GLAN-SA7B-827-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
107.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	165°	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	170°	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	175°	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	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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0.0										
5.6										
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REPORT NUMBER: P1064762

CATALOG NUMBER: GLAN-SA7B-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°	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4
0.0	2.5°	124.0	124.0	122.2	122.2	122.2	122.2	122.2	124.0	125.9	125.9
0.0	5°	118.5	118.5	116.6	116.6	116.6	118.5	118.5	120.3	122.2	124.0
0.0	7.5°	112.9	111.1	111.1	112.9	112.9	114.8	114.8	116.6	118.5	120.3
0.0	10°	109.2	107.4	107.4	107.4	109.2	109.2	111.1	112.9	114.8	116.6
0.0	12.5°	101.8	101.8	101.8	101.8	103.7	103.7	105.5	107.4	111.1	112.9
0.0	15°	98.1	96.3	96.3	96.3	96.3	98.1	98.1	101.8	105.5	107.4
0.0	17.5°	90.7	90.7	88.8	88.8	90.7	90.7	92.5	96.3	100.0	101.8
0.0	20°	83.3	81.4	79.6	79.6	81.4	81.4	83.3	87.0	90.7	92.5
0.0	22.5°	72.2	70.3	70.3	70.3	70.3	72.2	72.2	75.9	81.4	85.1
0.0	25°	57.4	59.2	59.2	61.1	61.1	62.9	64.8	68.5	74.0	77.7
0.0	27.5°	44.4	46.3	46.3	50.0	51.8	53.7	55.5	61.1	66.6	70.3
0.0	30°	33.3	35.2	37.0	38.9	42.6	46.3	50.0	55.5	61.1	64.8
0.0	32.5°	20.4	24.1	25.9	29.6	33.3	37.0	40.7	46.3	53.7	59.2
0.0	35°	14.8	16.7	20.4	22.2	25.9	29.6	33.3	40.7	46.3	53.7
0.0	37.5°	7.4	11.1	14.8	18.5	22.2	25.9	29.6	37.0	44.4	50.0
0.0	40°	5.6	9.3	11.1	14.8	20.4	24.1	27.8	35.2	42.6	50.0
0.0	42.5°	3.7	5.6	7.4	13.0	16.7	22.2	27.8	35.2	42.6	50.0
0.0	45°	3.7	3.7	5.6	11.1	16.7	24.1	29.6	37.0	42.6	50.0
0.0	47.5°	3.7	5.6	7.4	14.8	18.5	24.1	29.6	35.2	42.6	48.1
0.0	50°	5.6	7.4	9.3	16.7	20.4	25.9	29.6	37.0	42.6	50.0
0.0	52.5°	3.7	5.6	7.4	14.8	20.4	27.8	33.3	40.7	48.1	53.7
0.0	55°	1.9	1.9	1.9	11.1	22.2	31.5	42.6	48.1	55.5	61.1
0.0	57.5°	0.0	0.0	0.0	7.4	22.2	35.2	48.1	55.5	62.9	68.5
0.0	60°	0.0	0.0	0.0	7.4	22.2	35.2	48.1	57.4	66.6	75.9
0.0	62.5°	0.0	0.0	0.0	7.4	18.5	29.6	40.7	55.5	72.2	87.0
0.0	65°	0.0	0.0	0.0	5.6	14.8	24.1	33.3	55.5	77.7	98.1
0.0	67.5°	0.0	0.0	0.0	5.6	14.8	22.2	31.5	55.5	77.7	101.8
	70°	0.0	0.0	0.0	5.6	14.8	24.1	33.3	55.5	77.7	100.0
	72.5°	0.0	0.0	0.0	5.6	16.7	25.9	37.0	55.5	74.0	92.5
	75°	0.0	0.0	0.0	7.4	16.7	27.8	38.9	55.5	72.2	87.0
	77.5°	0.0	0.0	0.0	5.6	16.7	25.9	37.0	53.7	70.3	85.1
	80°	5.6	3.7	3.7	9.3	16.7	24.1	31.5	48.1	66.6	83.3
	82.5°	11.1	11.1	9.3	13.0	16.7	22.2	27.8	42.6	59.2	74.0
	85°	22.2	22.2	20.4	22.2	22.2	24.1	25.9	33.3	40.7	48.1
	87.5°	29.6	29.6	27.8	27.8	27.8	25.9	25.9	25.9	25.9	24.1
	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

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
107.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.2											
111.1											
103.7											
101.8											
100.0											
88.8											
55.5											
24.1											
0.0											
0.0											
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REPORT NUMBER: P1064762

CATALOG NUMBER: GLAN-SA7B-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°	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4
0.0	2.5°	129.6	131.4	131.4	133.3	135.1	137.0	137.0	138.8	138.8	138.8
0.0	5°	127.7	131.4	133.3	135.1	137.0	138.8	140.7	142.5	144.4	144.4
0.0	7.5°	125.9	127.7	131.4	133.3	137.0	138.8	142.5	144.4	146.2	148.1
0.0	10°	122.2	125.9	129.6	133.3	137.0	140.7	144.4	148.1	151.8	153.6
0.0	12.5°	118.5	124.0	127.7	131.4	137.0	142.5	146.2	151.8	155.5	159.2
0.0	15°	116.6	120.3	125.9	129.6	137.0	144.4	149.9	157.3	164.7	170.3
0.0	17.5°	111.1	118.5	124.0	129.6	137.0	146.2	153.6	161.0	172.1	183.2
0.0	20°	103.7	109.2	116.6	122.2	133.3	142.5	153.6	162.9	179.5	196.2
0.0	22.5°	96.3	103.7	109.2	116.6	129.6	140.7	153.6	164.7	192.5	218.4
0.0	25°	88.8	98.1	105.5	112.9	127.7	142.5	157.3	172.1	218.4	264.7
0.0	27.5°	85.1	92.5	101.8	109.2	127.7	148.1	166.6	185.1	259.1	331.3
0.0	30°	79.6	88.8	96.3	105.5	129.6	153.6	177.7	201.8	314.7	427.6
0.0	32.5°	74.0	83.3	92.5	101.8	133.3	164.7	194.4	225.8	373.9	520.1
0.0	35°	68.5	79.6	88.8	98.1	138.8	181.4	222.1	262.8	427.6	590.5
0.0	37.5°	66.6	77.7	87.0	96.3	140.7	183.2	227.7	270.2	433.1	596.0
0.0	40°	68.5	77.7	88.8	98.1	135.1	172.1	207.3	244.3	414.6	583.1
0.0	42.5°	68.5	79.6	90.7	101.8	131.4	161.0	190.7	220.3	409.1	597.9
0.0	45°	66.6	77.7	88.8	100.0	127.7	153.6	181.4	207.3	442.4	675.6
0.0	47.5°	64.8	75.9	87.0	98.1	125.9	153.6	181.4	209.2	572.0	932.9
0.0	50°	64.8	75.9	85.1	94.4	127.7	162.9	196.2	229.5	832.9	1434.5
0.0	52.5°	68.5	77.7	85.1	92.5	131.4	172.1	211.0	249.9	1058.8	1865.8
0.0	55°	74.0	79.6	87.0	92.5	140.7	187.0	235.1	281.4	1127.3	1973.2
0.0	57.5°	81.4	87.0	92.5	98.1	157.3	216.6	273.9	333.2	1132.8	1930.6
0.0	60°	90.7	98.1	103.7	109.2	172.1	236.9	299.9	362.8	1025.5	1686.3
0.0	62.5°	111.1	120.3	127.7	137.0	198.1	257.3	318.4	377.6	851.5	1325.3
0.0	65°	127.7	135.1	142.5	149.9	209.2	270.2	329.5	388.7	721.9	1055.1
0.0	67.5°	131.4	138.8	144.4	151.8	212.9	273.9	333.2	394.3	618.2	840.4
	70°	133.3	142.5	153.6	162.9	225.8	288.8	349.8	412.8	547.9	683.0
	72.5°	127.7	146.2	162.9	179.5	238.8	296.2	355.4	412.8	509.0	605.3
	75°	127.7	153.6	177.7	201.8	246.2	288.8	333.2	375.8	449.8	523.8
	77.5°	135.1	168.4	201.8	235.1	261.0	285.1	311.0	335.0	383.2	431.3
	80°	135.1	170.3	203.6	238.8	249.9	262.8	273.9	285.1	290.6	296.2
	82.5°	116.6	144.4	172.1	199.9	187.0	174.0	161.0	148.1	138.8	127.7
	85°	59.2	64.8	68.5	72.2	66.6	61.1	55.5	50.0	46.3	40.7
	87.5°	24.1	24.1	22.2	22.2	22.2	22.2	20.4	20.4	20.4	20.4
	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: P1064762

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CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
107.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
198.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
227.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
394.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
547.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
742.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
927.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1053.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1147.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1242.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1427.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1797.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2739.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4196.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5282.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5403.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4875.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4168.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3257.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2461.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1817.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1286.4											
957.0											
696.0											
523.8											
294.3											
133.3											
38.9											
18.5											
0.0											
0.0											
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CATALOG NUMBER: GLAN-SA7B-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°	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4
0.0	2.5°	138.8	137.0	137.0	135.1	133.3	131.4	129.6	127.7	125.9	124.0
0.0	5°	144.4	144.4	144.4	142.5	142.5	140.7	140.7	138.8	137.0	135.1
0.0	7.5°	149.9	151.8	151.8	153.6	153.6	153.6	153.6	151.8	151.8	151.8
0.0	10°	159.2	161.0	162.9	164.7	166.6	168.4	168.4	170.3	170.3	170.3
0.0	12.5°	170.3	175.8	179.5	185.1	188.8	194.4	198.1	203.6	207.3	211.0
0.0	15°	187.0	196.2	207.3	216.6	225.8	238.8	253.6	266.5	279.5	299.9
0.0	17.5°	211.0	240.6	270.2	298.0	327.6	392.4	457.2	520.1	584.9	679.3
0.0	20°	257.3	346.1	433.1	522.0	609.0	836.7	1062.5	1290.1	1516.0	1758.4
0.0	22.5°	360.9	579.4	797.8	1016.2	1234.6	1710.3	2184.2	2659.9	3133.7	3690.9
0.0	25°	523.8	925.5	1327.2	1727.0	2128.6	2872.8	3618.7	4362.8	5106.9	5830.6
0.0	27.5°	762.6	1377.1	1991.7	2604.4	3218.9	4227.7	5238.3	6247.1	7255.9	8074.1
0.0	30°	1056.9	1889.9	2722.8	3555.8	4388.7	5536.3	6684.0	7829.7	8977.3	9871.4
0.0	32.5°	1334.6	2354.5	3374.4	4392.4	5412.3	6719.1	8027.8	9334.6	10641.4	11618.7
0.0	35°	1516.0	2748.7	3983.4	5216.1	6448.9	7863.0	9277.2	10689.5	12103.7	13219.8
0.0	37.5°	1697.4	3120.8	4542.4	5965.8	7387.3	8940.3	10493.3	12046.3	13599.3	14978.3
0.0	40°	1901.0	3570.6	5238.3	6907.9	8575.7	10415.6	12253.6	14093.5	15931.6	17877.0
0.0	42.5°	2254.5	4316.5	6380.4	8442.4	10504.4	12938.5	15372.6	17804.8	20238.8	23015.3
0.0	45°	2919.0	5825.1	8733.0	11639.1	14545.2	17769.6	20995.9	24220.3	27444.8	31139.4
0.0	47.5°	4546.1	8544.2	12540.5	16538.7	20535.0	24016.7	27496.6	30978.3	34458.2	38138.0
0.0	50°	6956.1	11609.5	16262.9	20914.4	25567.9	28718.3	31866.8	35017.2	38165.8	41666.0
0.0	52.5°	8699.7	13547.5	18397.1	23244.9	28092.6	30935.8	33780.7	36623.9	39467.0	42737.7
0.0	55°	8831.1	13651.1	18473.0	23293.0	28113.0	30969.1	33825.2	36681.3	39537.4	43004.3
0.0	57.5°	7818.6	12599.8	17379.0	22160.2	26939.5	30191.7	33442.0	36694.2	39944.6	43692.9
0.0	60°	6650.6	11433.6	16214.8	20997.7	25778.9	29525.3	33273.6	37020.0	40766.4	44277.8
0.0	62.5°	5188.4	10108.3	15030.1	19950.1	24870.0	28673.8	32477.6	36279.6	40083.4	42717.4
0.0	65°	3866.7	8644.2	13421.6	18197.2	22974.6	26021.4	29068.1	32113.0	35159.7	36790.5
0.0	67.5°	2795.0	6915.3	11033.8	15154.1	19272.6	21453.1	23633.6	25812.2	27992.7	29240.2
	70°	1889.9	4744.1	7596.5	10450.7	13303.1	15094.9	16888.5	18680.3	20472.1	22156.5
	72.5°	1308.7	2911.6	4516.4	6119.4	7722.4	9525.2	11326.3	13129.1	14930.2	16712.7
	75°	868.1	1597.4	2328.6	3057.9	3787.1	5121.7	6458.1	7792.7	9127.3	10189.8
	77.5°	616.4	834.8	1055.1	1273.5	1491.9	1741.8	1993.5	2243.4	2493.3	2872.8
	80°	292.5	320.2	348.0	373.9	401.7	492.4	583.1	673.8	764.5	860.7
	82.5°	138.8	149.9	161.0	170.3	181.4	190.7	199.9	209.2	218.4	209.2
	85°	37.0	37.0	38.9	38.9	38.9	38.9	38.9	38.9	38.9	37.0
	87.5°	16.7	16.7	16.7	16.7	16.7	16.7	16.7	14.8	14.8	13.0
	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°
107.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
212.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
322.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
771.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2002.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4248.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6554.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8892.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10767.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12597.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14336.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16359.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19822.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25791.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34834.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41817.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45166.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46008.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46473.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47441.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47787.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45353.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38423.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30489.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23839.0											
18495.2											
11252.2											
3252.2											
957.0											
198.1											
35.2											
13.0											
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°	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4
0.0	2.5°	120.3	118.5	116.6	114.8	112.9	109.2	109.2	107.4	107.4
0.0	5°	131.4	129.6	127.7	125.9	125.9	124.0	122.2	122.2	120.3
0.0	7.5°	149.9	148.1	146.2	144.4	144.4	142.5	142.5	140.7	140.7
0.0	10°	172.1	172.1	172.1	172.1	172.1	170.3	170.3	170.3	168.4
0.0	12.5°	216.6	218.4	222.1	225.8	231.4	231.4	231.4	229.5	229.5
0.0	15°	342.4	362.8	377.6	392.4	405.4	435.0	431.3	425.7	422.0
0.0	17.5°	866.3	958.8	1008.8	1056.9	1106.9	1243.9	1221.7	1199.4	1179.1
0.0	20°	2245.3	2487.7	2648.8	2809.8	2972.7	3230.0	3167.1	3104.1	3041.2
0.0	22.5°	4803.3	5360.5	5603.0	5845.5	6086.1	6397.1	6195.3	5993.5	5793.6
0.0	25°	7276.3	8000.0	8409.1	8818.2	9225.4	9403.1	9140.2	8875.5	8612.7
0.0	27.5°	9710.3	10528.5	10889.4	11248.5	11609.5	11981.5	11655.7	11328.1	11002.3
0.0	30°	11661.3	12555.3	12945.9	13334.6	13725.2	13984.3	13647.4	13308.7	12971.8
0.0	32.5°	13575.2	14552.6	14980.1	15407.7	15833.5	16205.5	15790.9	15374.4	14959.8
0.0	35°	15450.3	16566.4	17155.1	17743.7	18332.3	18678.4	18186.1	17691.9	17199.5
0.0	37.5°	17738.1	19117.1	19776.1	20435.0	21094.0	21725.2	21182.8	20638.6	20096.3
0.0	40°	21767.8	23713.2	24723.8	25736.3	26746.9	27561.4	26876.5	26191.6	25506.8
0.0	42.5°	28568.3	31344.8	32797.9	34249.1	35702.1	36973.7	36253.7	35533.6	34813.6
0.0	45°	38528.6	42223.2	43994.6	45764.1	47535.5	48464.7	47428.2	46389.8	45353.2
0.0	47.5°	45495.7	49175.5	50752.6	52329.6	53906.7	54967.3	53699.4	52431.4	51165.3
0.0	50°	48664.6	52164.9	53747.5	55328.2	56910.8	57753.0	56288.9	54822.9	53358.8
0.0	52.5°	49277.3	52548.0	54436.1	56325.9	58213.9	59339.4	57610.5	55879.8	54151.0
0.0	55°	49940.0	53406.9	55596.6	57788.2	59977.9	61536.5	59581.8	57625.3	55670.7
0.0	57.5°	51187.5	54935.8	57120.0	59302.3	61486.5	62810.0	60849.8	58887.7	56927.5
0.0	60°	51298.6	54808.1	56685.0	58563.8	60440.7	61273.6	59398.6	57521.7	55646.6
0.0	62.5°	47987.2	50621.1	51924.2	53227.4	54530.5	55435.6	53479.1	51520.7	49564.2
0.0	65°	40053.8	41684.5	42722.9	43761.3	44799.7	45878.9	44087.1	42295.3	40503.6
0.0	67.5°	31737.2	32984.8	34352.7	35720.6	37088.5	38241.7	36807.1	35370.8	33936.2
	70°	25523.4	27206.0	28744.2	30282.4	31820.5	32764.5	31324.5	29882.5	28442.5
	72.5°	20277.7	22060.2	23344.8	24627.6	25912.1	26143.5	25084.7	24026.0	22969.1
	75°	12312.9	13375.3	13401.2	13425.3	13451.2	13671.5	12794.1	11916.7	11041.2
	77.5°	3631.7	4011.1	4323.9	4634.9	4947.7	5325.3	5003.3	4679.3	4357.3
	80°	1051.4	1147.6	1229.1	1308.7	1390.1	1342.0	1266.1	1190.2	1114.3
	82.5°	188.8	177.7	175.8	174.0	174.0	164.7	149.9	135.1	120.3
	85°	33.3	31.5	29.6	27.8	25.9	24.1	20.4	18.5	14.8
	87.5°	11.1	9.3	7.4	5.6	5.6	1.9	1.9	1.9	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: P1064762

CATALOG NUMBER: GLAN-SA7B-827-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4
0.0	0.0	2.5°	105.5	103.7	103.7	103.7	103.7	101.8	101.8	101.8	101.8
0.0	0.0	5°	116.6	116.6	114.8	114.8	112.9	112.9	111.1	111.1	109.2
0.0	0.0	7.5°	137.0	135.1	133.3	131.4	129.6	125.9	124.0	122.2	122.2
0.0	0.0	10°	164.7	161.0	159.2	155.5	153.6	149.9	146.2	142.5	138.8
0.0	0.0	12.5°	216.6	209.2	203.6	196.2	188.8	183.2	175.8	170.3	162.9
0.0	0.0	15°	375.8	357.2	336.9	312.8	286.9	262.8	236.9	222.1	205.5
0.0	0.0	17.5°	960.7	864.4	766.3	686.7	607.1	529.4	449.8	392.4	335.0
0.0	0.0	20°	2445.2	2178.6	1912.1	1649.2	1384.5	1121.7	857.0	723.7	590.5
0.0	0.0	22.5°	4601.6	4107.4	3611.3	3131.9	2650.6	2171.2	1691.8	1390.1	1090.2
0.0	0.0	25°	7102.3	6480.4	5858.4	5069.9	4279.5	3491.0	2702.5	2211.9	1721.4
0.0	0.0	27.5°	9242.0	8525.7	7809.4	6850.6	5891.7	4932.9	3974.1	3243.0	2513.7
0.0	0.0	30°	11094.9	10324.9	9554.9	8438.7	7322.6	6206.4	5090.2	4175.9	3261.5
0.0	0.0	32.5°	12701.6	11779.8	10858.0	9706.6	8555.3	7404.0	6252.7	5131.0	4009.3
0.0	0.0	35°	14554.4	13479.0	12401.7	11124.5	9845.5	8568.3	7291.1	6025.0	4757.1
0.0	0.0	37.5°	16908.9	15589.1	14267.5	12844.1	11420.7	9999.1	8575.7	7128.2	5680.7
0.0	0.0	40°	21416.1	19713.1	18010.2	16201.8	14391.5	12583.1	10774.7	8997.7	7220.8
0.0	0.0	42.5°	29492.0	27191.2	24890.4	22484.1	20075.9	17669.6	15261.5	12755.2	10247.1
0.0	0.0	45°	38606.3	35752.1	32896.0	30195.4	27492.9	24792.3	22091.7	18652.5	15213.4
0.0	0.0	47.5°	43731.7	40649.8	37567.9	35011.7	32455.4	29899.2	27343.0	23635.4	19927.9
0.0	0.0	50°	45617.9	42480.4	39343.0	36990.4	34635.9	32283.3	29928.8	26215.7	22500.8
0.0	0.0	52.5°	46019.6	42819.2	39618.8	37251.4	34883.9	32518.4	30150.9	26461.9	22772.9
0.0	0.0	55°	46845.1	43411.5	39976.0	37277.3	34578.5	31879.8	29181.0	25432.7	21684.5
0.0	0.0	57.5°	47924.2	44403.6	40883.0	37808.5	34734.0	31661.4	28586.8	24488.7	20390.6
0.0	0.0	60°	47641.0	44577.6	41512.4	38219.4	34924.7	31631.7	28337.0	23829.8	19320.7
0.0	0.0	62.5°	42724.8	40285.2	37843.7	35135.7	32425.8	29717.8	27009.8	22369.3	17728.9
0.0	0.0	65°	35148.6	33368.0	31587.3	29408.7	27228.2	25049.6	22871.0	18709.9	14550.7
0.0	0.0	67.5°	28486.9	26480.4	24472.1	22735.8	20997.7	19261.5	17523.4	14249.0	10974.6
		70°	22632.2	20449.8	18265.7	16570.2	14872.8	13177.3	11481.8	9305.0	7130.1
		72.5°	17973.2	16005.6	14038.0	12229.6	10419.3	8610.9	6800.6	5514.1	4227.7
		75°	8590.5	7803.8	7017.1	6071.3	5125.4	4179.6	3233.7	2672.8	2113.8
		77.5°	3183.7	2759.8	2334.1	1949.1	1564.1	1180.9	795.9	729.3	662.7
		80°	823.7	718.2	610.8	534.9	457.2	381.3	305.4	275.8	248.0
		82.5°	94.4	87.0	81.4	77.7	72.2	68.5	62.9	57.4	51.8
		85°	5.6	3.7	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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CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	107.4	107.4
0.0	0.0	2.5°	100.0	98.1
0.0	0.0	5°	105.5	103.7
0.0	0.0	7.5°	116.6	112.9
0.0	0.0	10°	127.7	124.0
0.0	0.0	12.5°	144.4	138.8
0.0	0.0	15°	162.9	151.8
0.0	0.0	17.5°	194.4	170.3
0.0	0.0	20°	262.8	201.8
0.0	0.0	22.5°	370.2	251.7
0.0	0.0	25°	544.2	348.0
0.0	0.0	27.5°	757.1	462.7
0.0	0.0	30°	1006.9	579.4
0.0	0.0	32.5°	1227.2	690.4
0.0	0.0	35°	1514.1	803.3
0.0	0.0	37.5°	1867.7	947.7
0.0	0.0	40°	2415.6	1166.1
0.0	0.0	42.5°	3402.1	1569.6
0.0	0.0	45°	5525.2	2713.6
0.0	0.0	47.5°	8501.6	4488.7
0.0	0.0	50°	10400.8	5728.8
0.0	0.0	52.5°	10556.3	5719.6
0.0	0.0	55°	9636.3	5084.7
0.0	0.0	57.5°	8222.1	4249.9
0.0	0.0	60°	6833.9	3361.4
0.0	0.0	62.5°	5384.6	2321.2
0.0	0.0	65°	3935.2	1641.8
0.0	0.0	67.5°	2826.5	1227.2
		70°	1858.4	940.3
		72.5°	1210.6	766.3
		75°	814.4	634.9
		77.5°	475.7	422.0
		80°	168.4	148.1
		82.5°	31.5	22.2
		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: P1064762

CATALOG NUMBER: GLAN-SA7B-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
 Rf: 82.2
 Rg: 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 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

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.2

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			

REPORT NUMBER: SP1-2407-184-8

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.16

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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TM-30-18

Summary

$R_f = 82.2$
 $R_g = 99.9$
 $CIE\ R_a = 82.9$
 $R_9 = 10.8$



Color Vector Graphics

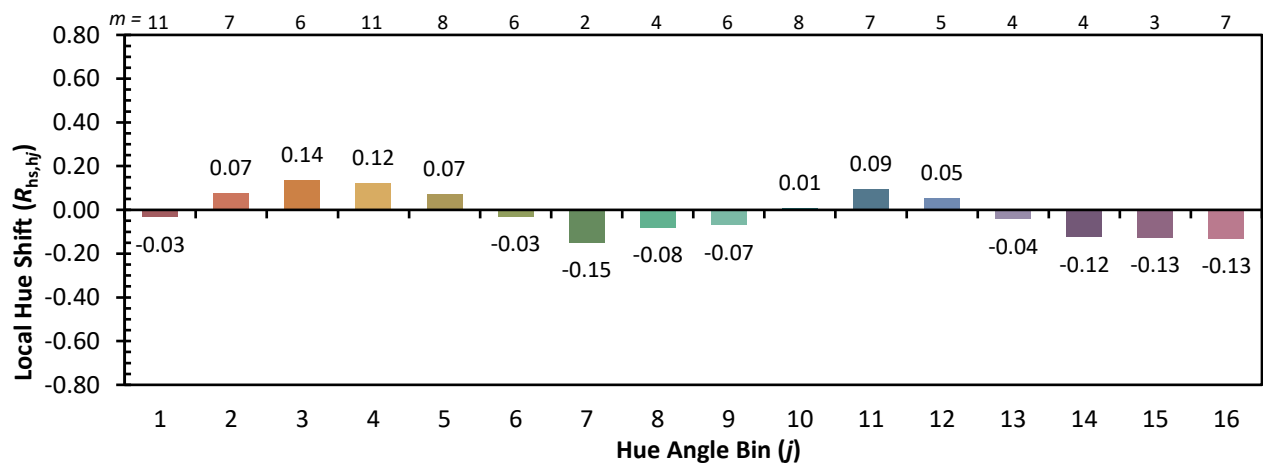


Individual Sample Fidelity Index ($R_{f,i}$)

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)