

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: P1065066

Luminaire Tested: **GLAN-SA2B-950-U-RBC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1065066
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA2B-950-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE
90CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (28) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6604.9 lumens
Efficiency: N/A
Efficacy: 90.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

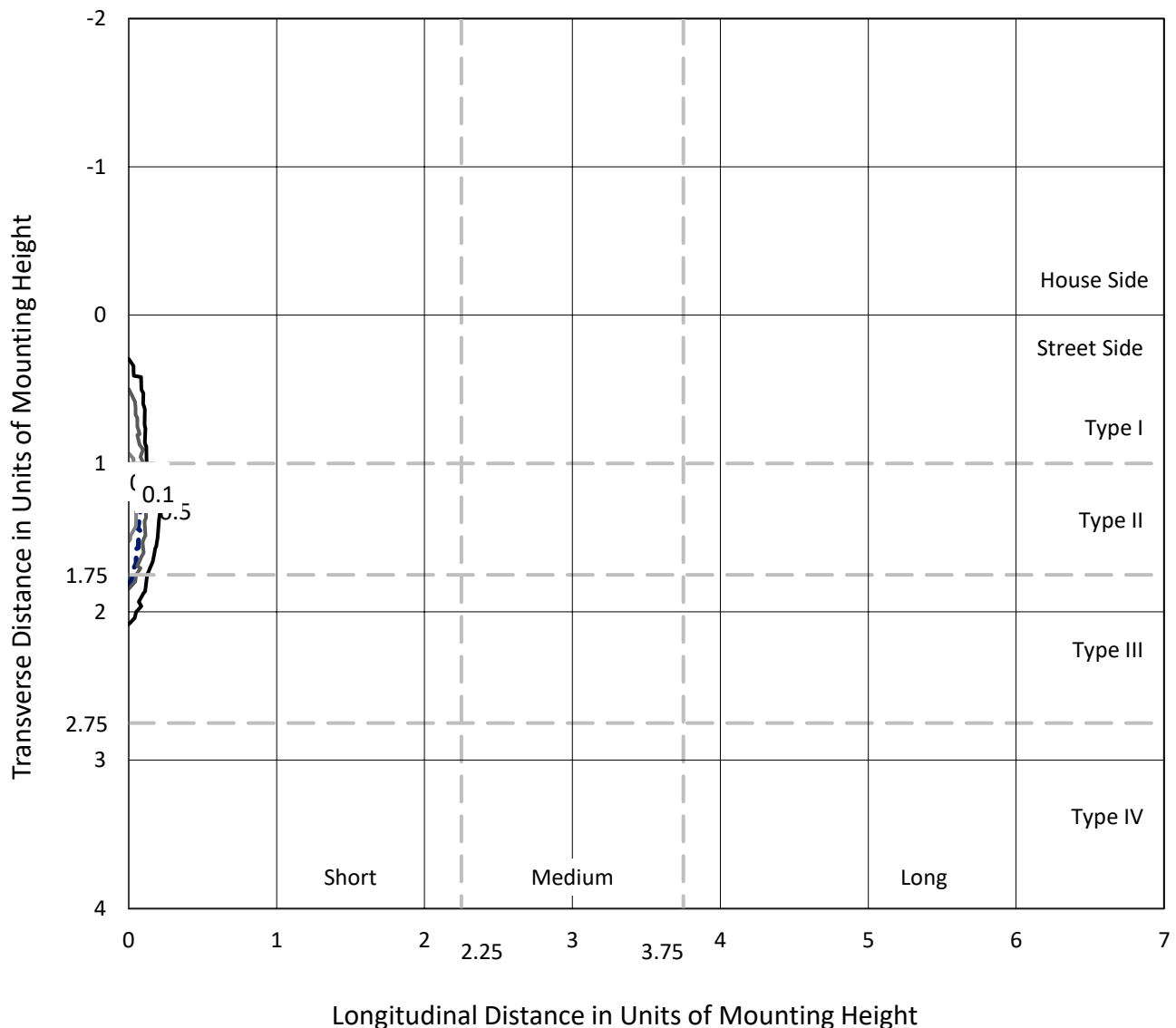
Input Watts (W): 72.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

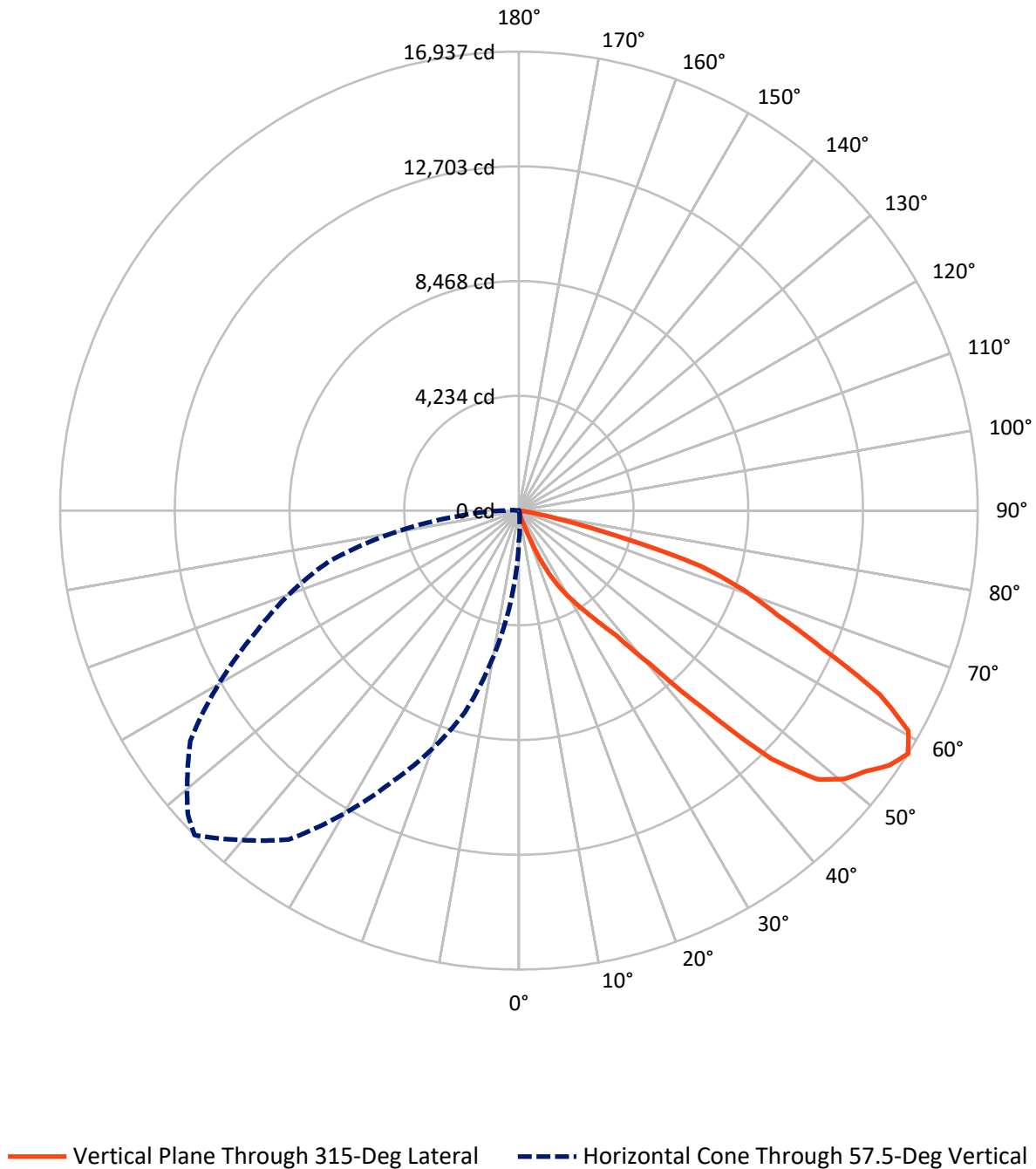
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 1 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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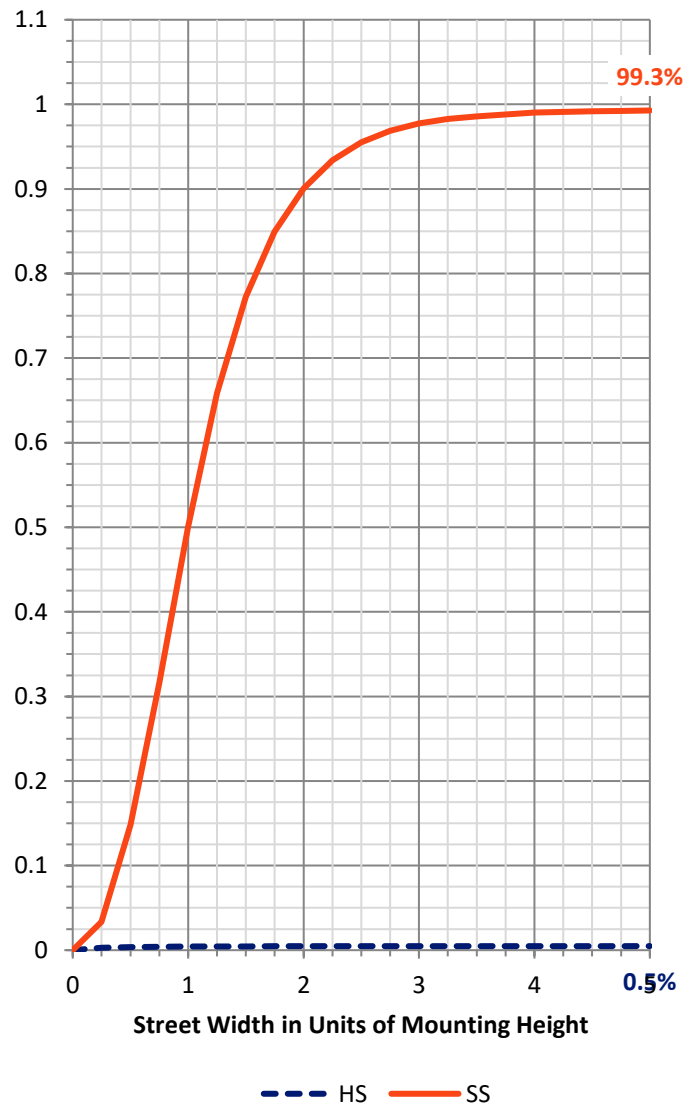
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	33.1	0.0	33.1
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	6571.8	0.0	6571.8
	% Fixture	99.5	0.0	99.5
Total	Lumens	6604.9	0.0	6604.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.6	0.0
10°-20°	14.5	0.2
20°-30°	156.5	2.4
30°-40°	462.9	7.0
40°-50°	1379.5	20.9
50°-60°	2187.4	33.1
60°-70°	1825.9	27.6
70°-80°	563.0	8.5
80°-90°	12.5	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°	6604.9	100.0
0°-180°	6604.9	100.0



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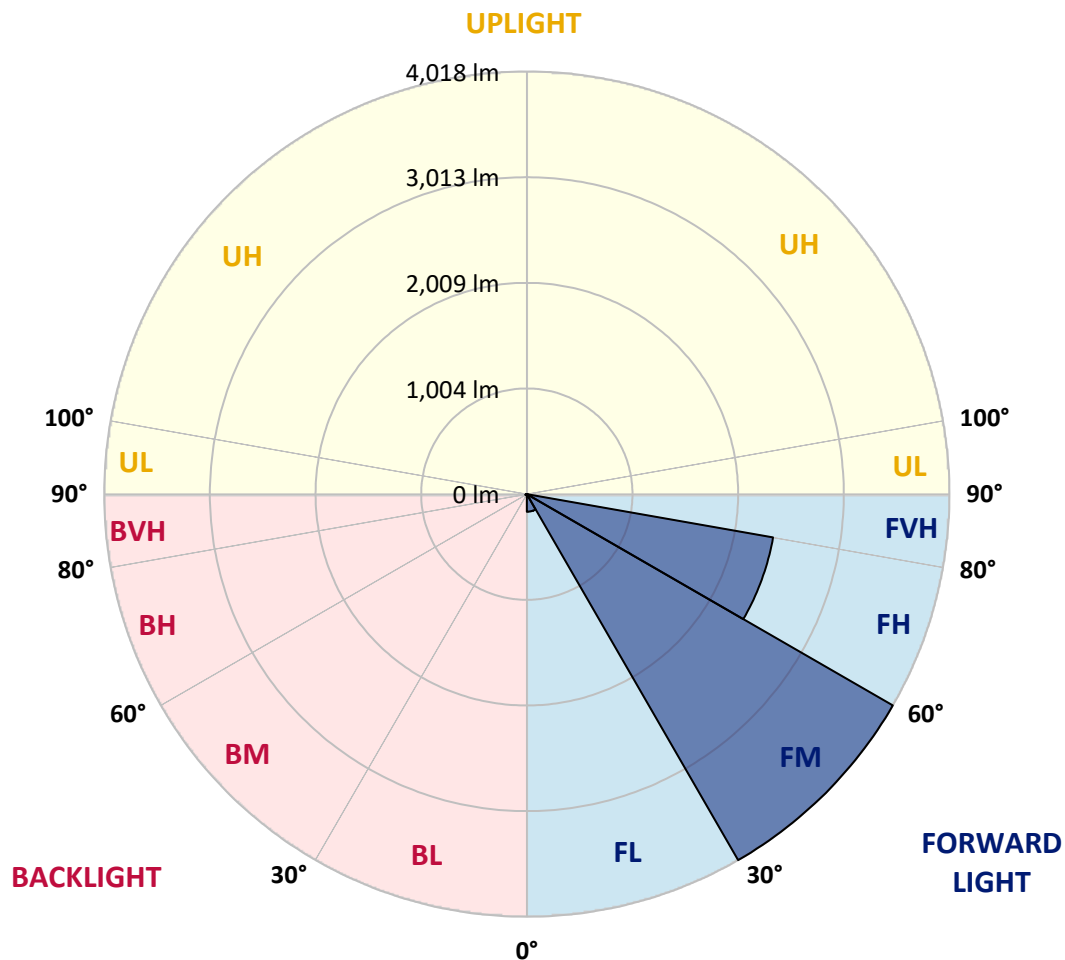
CATALOG NUMBER: GLAN-SA2B-950-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	167.6	2.5			
FM	(30°-60°)	4017.9	60.8			
FH	(60°-80°)	2376.6	36.0			G2/5000
FVH	(80°-90°)	9.7	0.1			G0/10
BL	(0°-30°)	6.1	0.1	B0/110		
BM	(30°-60°)	11.8	0.2	B0/220		
BH	(60°-80°)	12.3	0.2	B0/110		G0/110
BVH	(80°-90°)	2.8	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°	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
2.5°	26.5	26.5	26.5	26.5	26.0	26.0	25.5	25.5	25.0	25.0
5°	28.0	28.0	27.5	27.0	27.0	26.5	26.0	25.5	25.5	25.0
7.5°	30.4	29.9	29.4	28.9	28.0	27.5	26.5	26.0	25.5	24.5
10°	33.4	32.4	31.4	30.4	29.4	28.5	27.5	27.0	26.0	25.5
12.5°	37.4	35.9	33.9	32.4	31.4	29.9	28.9	28.0	26.5	25.5
15°	40.9	38.9	36.4	34.4	32.9	30.9	29.4	28.0	27.0	25.5
17.5°	45.9	42.4	38.4	35.9	33.9	31.4	28.9	27.5	26.0	24.0
20°	54.4	47.4	39.9	36.9	33.9	30.9	28.0	26.0	24.5	22.5
22.5°	67.9	55.9	43.9	39.4	35.4	30.9	27.0	25.0	23.0	21.0
25°	93.8	72.4	50.9	44.9	38.9	32.9	27.0	24.5	22.5	20.0
27.5°	124.8	92.8	60.4	51.9	43.9	35.4	27.0	24.0	21.5	18.5
30°	156.2	113.8	70.9	59.9	48.9	37.9	27.0	23.5	20.5	17.0
32.5°	186.2	133.3	79.9	66.9	53.9	40.4	27.5	23.5	19.5	15.5
35°	216.6	149.2	81.4	67.9	54.4	40.4	27.0	22.5	18.5	14.0
37.5°	255.6	167.2	78.4	64.9	51.9	38.4	25.5	21.5	17.5	13.0
40°	314.4	197.2	79.9	65.9	51.9	37.9	24.0	20.0	16.5	12.5
42.5°	423.3	255.1	86.3	70.4	54.4	37.9	22.0	18.5	15.5	12.0
45°	731.7	423.8	115.8	91.8	67.9	43.9	20.0	17.0	14.5	11.5
47.5°	1210.4	709.3	208.1	160.7	113.8	66.4	19.5	17.0	14.5	11.5
50°	1544.8	903.4	262.0	201.6	141.3	80.9	20.5	17.5	15.0	12.0
52.5°	1542.3	917.4	292.0	224.1	156.7	88.8	21.5	18.5	16.0	13.0
55°	1371.1	834.5	297.5	228.6	160.2	91.3	23.0	20.0	17.0	14.0
57.5°	1146.0	708.8	271.5	210.1	149.2	87.8	26.5	23.0	20.0	16.5
60°	906.4	559.0	211.6	167.2	123.3	78.9	34.9	30.4	26.5	22.0
62.5°	625.9	405.3	184.7	148.2	112.3	75.9	39.9	35.4	31.4	27.0
65°	442.7	305.0	166.7	135.8	105.3	74.4	43.4	38.4	33.9	28.9
67.5°	330.9	242.6	153.7	127.3	100.8	74.4	47.9	41.9	36.4	30.4
70°	253.6	199.2	144.2	122.8	101.8	80.4	58.9	50.4	42.4	33.9
72.5°	206.6	170.2	133.3	117.8	102.3	86.8	71.4	60.4	49.4	37.9
75°	171.2	145.7	120.3	107.3	94.8	81.9	68.9	58.9	49.4	39.4
77.5°	113.8	103.8	93.3	85.8	78.4	70.4	62.9	54.4	46.4	37.9
80°	39.9	38.4	36.9	39.9	42.9	45.9	48.9	42.9	37.4	31.4
82.5°	6.0	5.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5
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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CATALOG NUMBER: GLAN-SA2B-950-U-RBC

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°	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
0.0	2.5°	24.5	24.5	24.0	24.0	24.0	23.5	23.5	23.0	23.0	23.0
0.0	5°	24.0	24.0	23.5	23.0	22.5	22.5	22.0	21.5	21.5	21.0
0.0	7.5°	23.5	23.0	22.5	22.0	21.5	21.0	20.5	20.0	20.0	19.5
0.0	10°	24.0	23.0	22.5	21.5	21.0	20.5	19.5	19.0	18.5	18.5
0.0	12.5°	23.0	22.5	21.5	20.5	20.0	19.0	18.5	17.5	17.0	17.0
0.0	15°	23.0	22.0	20.5	19.5	18.5	18.0	17.0	16.0	15.5	15.0
0.0	17.5°	21.5	20.5	19.0	18.0	17.0	16.0	15.0	14.0	13.5	13.0
0.0	20°	19.5	18.5	17.0	15.5	14.5	13.5	12.5	11.5	11.0	10.5
0.0	22.5°	17.5	16.5	15.0	13.5	12.5	11.5	10.0	9.0	8.5	7.5
0.0	25°	16.5	15.0	13.5	12.0	10.5	9.5	8.0	6.5	5.5	4.5
0.0	27.5°	14.0	12.5	11.0	9.5	8.0	6.5	5.0	3.5	2.5	2.0
0.0	30°	12.0	10.5	9.0	7.5	5.5	4.0	2.5	0.5	0.5	0.5
0.0	32.5°	10.0	8.5	6.5	5.0	4.0	2.5	1.5	0.0	0.0	0.0
0.0	35°	8.0	6.5	4.5	3.0	2.5	1.5	1.0	0.0	0.0	0.0
0.0	37.5°	7.0	5.5	3.5	1.5	1.0	1.0	0.5	0.0	0.0	0.0
0.0	40°	6.5	4.5	2.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0
0.0	42.5°	6.5	4.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	6.5	4.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	6.5	4.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	7.0	5.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	8.0	6.0	4.0	2.0	1.5	1.0	0.5	0.0	0.0	0.0
0.0	55°	10.0	9.0	7.5	6.5	5.0	3.5	1.5	0.0	0.0	0.0
0.0	57.5°	13.0	13.0	12.5	12.0	9.0	6.0	3.0	0.0	0.0	0.0
0.0	60°	17.5	17.5	17.5	17.5	13.0	9.0	4.5	0.0	0.0	0.0
0.0	62.5°	21.5	20.5	19.0	18.0	13.5	9.0	4.5	0.0	0.0	0.0
0.0	65°	21.5	19.5	17.0	14.5	11.0	7.5	3.5	0.0	0.0	0.0
0.0	67.5°	20.0	16.0	11.5	7.5	5.5	4.0	2.0	0.0	0.0	0.0
	70°	20.0	14.0	8.0	2.0	1.5	1.0	0.5	0.0	0.0	0.0
	72.5°	20.0	13.5	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	22.0	15.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	22.0	15.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	19.5	13.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	6.5	4.5	2.0	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

CATALOG NUMBER: GLAN-SA2B-950-U-RBC

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°	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
0.0	2.5°	22.5	22.5	22.5	22.0	22.0	22.0	22.0	21.5	21.5	21.5
0.0	5°	20.5	20.5	20.0	20.0	19.5	19.5	19.0	19.0	18.5	18.5
0.0	7.5°	19.0	18.5	18.5	18.0	17.5	17.5	17.0	17.0	16.5	16.0
0.0	10°	17.5	17.0	17.0	16.5	16.0	15.5	15.5	15.0	14.5	14.0
0.0	12.5°	16.0	15.5	15.0	14.5	14.0	13.5	13.5	13.0	12.5	12.0
0.0	15°	14.0	13.5	13.0	12.5	12.0	11.5	11.5	11.0	10.5	10.0
0.0	17.5°	12.0	11.5	11.5	11.0	10.5	10.0	9.5	8.5	8.0	7.5
0.0	20°	9.0	8.5	8.0	7.5	7.0	6.0	5.5	4.5	3.5	3.0
0.0	22.5°	6.0	5.0	4.5	3.5	2.5	2.0	1.5	0.5	0.0	0.0
0.0	25°	2.0	1.5	1.0	0.5	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: P1065066

CATALOG NUMBER: GLAN-SA2B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065066

CATALOG NUMBER: GLAN-SA2B-950-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
0.0	2.5°	21.0	21.0	21.0	20.5	20.5	20.5	20.5	20.5	20.5	20.5
0.0	5°	18.0	18.0	18.0	17.5	17.5	17.0	17.0	17.0	16.5	16.5
0.0	7.5°	15.5	15.0	15.0	14.5	14.5	14.0	14.0	14.0	13.5	13.5
0.0	10°	13.0	12.5	12.5	12.0	12.0	11.5	11.5	11.0	11.0	10.5
0.0	12.5°	11.5	11.0	10.5	10.0	10.0	9.5	9.0	9.0	8.5	8.0
0.0	15°	9.0	8.5	8.0	7.5	7.0	6.5	6.0	6.0	5.5	5.0
0.0	17.5°	6.0	5.0	4.5	4.0	4.0	3.5	3.0	2.5	2.0	1.5
0.0	20°	1.5	1.0	0.5	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-SA2B-950-U-RBC

[illegible]

REPORT NUMBER: P1065066

CATALOG NUMBER: GLAN-SA2B-950-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°	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
0.0	2.5°	20.5	20.0	20.0	20.0	20.5	20.5	20.5	20.5	20.5	20.5
0.0	5°	16.5	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
0.0	7.5°	13.5	13.0	13.0	13.0	13.0	12.5	12.5	12.5	12.5	12.5
0.0	10°	10.5	10.0	10.0	10.0	10.0	9.5	9.5	9.5	9.5	9.5
0.0	12.5°	7.5	7.5	7.0	7.0	7.0	6.5	6.5	6.5	6.5	6.0
0.0	15°	4.5	4.0	3.5	3.5	3.5	3.0	3.0	3.0	3.0	2.5
0.0	17.5°	1.0	1.0	0.5	0.5	0.5	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



REPORT NUMBER: P1065066

CATALOG NUMBER: GLAN-SA2B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065066

CATALOG NUMBER: GLAN-SA2B-950-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
0.0	2.5°	21.0	21.0	21.5	21.5	22.0	23.0	23.5	24.0	25.0	26.0
0.0	5°	16.5	17.0	17.0	17.5	18.0	18.5	19.0	19.5	20.5	21.5
0.0	7.5°	13.0	13.0	13.5	13.5	14.0	15.0	15.5	16.0	17.0	18.5
0.0	10°	10.0	10.0	10.5	10.5	11.0	12.0	12.5	13.0	14.0	15.5
0.0	12.5°	6.5	7.0	7.0	7.5	8.0	9.0	9.5	10.0	11.0	12.0
0.0	15°	3.0	3.5	3.5	4.0	4.5	5.5	6.0	6.5	7.5	9.0
0.0	17.5°	0.5	0.5	1.0	1.0	1.5	2.0	2.5	3.0	4.5	5.5
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
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



REPORT NUMBER: P1065066

CATALOG NUMBER: GLAN-SA2B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065066

CATALOG NUMBER: GLAN-SA2B-950-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°	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
0.0	2.5°	27.5	28.5	29.4	30.4	31.4	32.4	32.9	33.9	34.4	34.9
0.0	5°	23.5	24.5	26.0	27.0	28.0	28.9	29.9	30.4	30.9	31.4
0.0	7.5°	20.5	21.5	23.0	24.0	25.0	26.0	27.0	28.0	28.5	28.9
0.0	10°	17.5	19.0	20.0	21.5	22.5	23.5	24.5	25.5	26.5	27.0
0.0	12.5°	14.0	15.5	17.0	18.0	19.5	21.0	22.0	23.0	24.0	25.0
0.0	15°	11.0	12.5	14.0	15.0	16.5	18.0	19.5	20.5	21.5	22.5
0.0	17.5°	8.0	9.5	11.0	12.0	13.5	15.0	16.0	17.5	18.5	19.5
0.0	20°	4.0	5.5	7.0	8.5	10.0	11.5	12.5	14.0	15.0	16.0
0.0	22.5°	0.5	2.0	3.5	4.5	6.0	7.5	8.5	10.0	11.0	12.0
0.0	25°	0.0	0.5	1.5	2.0	2.5	3.5	4.5	5.5	6.5	7.5
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.5	1.0	2.0	3.0	4.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
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	0.5
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	1.0
	85°	0.0	0.0	0.0	0.0	0.0	1.0	1.5	2.5	3.0	3.5
	87.5°	0.0	0.5	1.0	1.5	2.0	3.0	4.0	5.0	5.5	6.0
	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

REPORT NUMBER: P1065066

CATALOG NUMBER: GLAN-SA2B-950-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
28.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	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
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REPORT NUMBER: P1065066

CATALOG NUMBER: GLAN-SA2B-950-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
0.0	2.5°	35.4	35.4	35.4	35.4	34.9	34.9	34.9	34.4	34.4	33.9
0.0	5°	32.4	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.4	32.4
0.0	7.5°	29.9	30.4	30.9	30.9	31.4	31.4	31.4	30.9	30.9	30.4
0.0	10°	28.5	28.9	28.9	29.4	29.4	29.4	29.4	29.4	29.4	29.4
0.0	12.5°	26.5	27.0	27.5	27.5	28.0	28.0	28.0	28.0	27.5	27.5
0.0	15°	24.0	25.0	25.5	26.0	26.0	26.5	26.5	26.5	26.5	26.5
0.0	17.5°	22.0	23.0	23.5	24.0	24.0	24.5	24.5	25.0	25.0	25.0
0.0	20°	18.0	19.0	19.5	20.5	21.0	21.5	22.0	22.5	22.5	23.0
0.0	22.5°	14.0	15.0	15.5	16.5	17.0	17.5	18.0	18.5	19.0	19.5
0.0	25°	10.0	11.0	11.5	12.5	13.0	13.5	14.0	14.5	14.5	15.0
0.0	27.5°	5.5	6.5	7.5	8.0	9.0	9.5	10.0	10.5	11.0	11.5
0.0	30°	2.5	3.0	3.5	4.5	5.0	5.5	6.0	7.0	7.5	8.0
0.0	32.5°	0.0	0.0	0.5	1.5	2.0	2.5	3.0	3.5	3.5	4.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.5	2.0
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°	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	82.5°	2.5	3.0	3.5	3.5	4.0	4.0	4.0	4.0	3.5	3.5
	85°	5.0	5.5	6.0	6.0	6.5	6.5	6.5	6.5	6.5	6.5
	87.5°	7.0	7.5	8.0	8.0	8.5	8.5	8.5	8.5	8.5	8.5
	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: P1065066

CATALOG NUMBER: GLAN-SA2B-950-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
28.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	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: P1065066

CATALOG NUMBER: GLAN-SA2B-950-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°	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
0.0	2.5°	33.4	33.4	32.9	32.9	32.9	32.9	32.9	33.4	33.9	33.9
0.0	5°	31.9	31.9	31.4	31.4	31.4	31.9	31.9	32.4	32.9	33.4
0.0	7.5°	30.4	29.9	29.9	30.4	30.4	30.9	30.9	31.4	31.9	32.4
0.0	10°	29.4	28.9	28.9	28.9	29.4	29.4	29.9	30.4	30.9	31.4
0.0	12.5°	27.5	27.5	27.5	27.5	28.0	28.0	28.5	28.9	29.9	30.4
0.0	15°	26.5	26.0	26.0	26.0	26.0	26.5	26.5	27.5	28.5	28.9
0.0	17.5°	24.5	24.5	24.0	24.0	24.5	24.5	25.0	26.0	27.0	27.5
0.0	20°	22.5	22.0	21.5	21.5	22.0	22.0	22.5	23.5	24.5	25.0
0.0	22.5°	19.5	19.0	19.0	19.0	19.0	19.5	19.5	20.5	22.0	23.0
0.0	25°	15.5	16.0	16.0	16.5	16.5	17.0	17.5	18.5	20.0	21.0
0.0	27.5°	12.0	12.5	12.5	13.5	14.0	14.5	15.0	16.5	18.0	19.0
0.0	30°	9.0	9.5	10.0	10.5	11.5	12.5	13.5	15.0	16.5	17.5
0.0	32.5°	5.5	6.5	7.0	8.0	9.0	10.0	11.0	12.5	14.5	16.0
0.0	35°	4.0	4.5	5.5	6.0	7.0	8.0	9.0	11.0	12.5	14.5
0.0	37.5°	2.0	3.0	4.0	5.0	6.0	7.0	8.0	10.0	12.0	13.5
0.0	40°	1.5	2.5	3.0	4.0	5.5	6.5	7.5	9.5	11.5	13.5
0.0	42.5°	1.0	1.5	2.0	3.5	4.5	6.0	7.5	9.5	11.5	13.5
0.0	45°	1.0	1.0	1.5	3.0	4.5	6.5	8.0	10.0	11.5	13.5
0.0	47.5°	1.0	1.5	2.0	4.0	5.0	6.5	8.0	9.5	11.5	13.0
0.0	50°	1.5	2.0	2.5	4.5	5.5	7.0	8.0	10.0	11.5	13.5
0.0	52.5°	1.0	1.5	2.0	4.0	5.5	7.5	9.0	11.0	13.0	14.5
0.0	55°	0.5	0.5	0.5	3.0	6.0	8.5	11.5	13.0	15.0	16.5
0.0	57.5°	0.0	0.0	0.0	2.0	6.0	9.5	13.0	15.0	17.0	18.5
0.0	60°	0.0	0.0	0.0	2.0	6.0	9.5	13.0	15.5	18.0	20.5
0.0	62.5°	0.0	0.0	0.0	2.0	5.0	8.0	11.0	15.0	19.5	23.5
0.0	65°	0.0	0.0	0.0	1.5	4.0	6.5	9.0	15.0	21.0	26.5
0.0	67.5°	0.0	0.0	0.0	1.5	4.0	6.0	8.5	15.0	21.0	27.5
	70°	0.0	0.0	0.0	1.5	4.0	6.5	9.0	15.0	21.0	27.0
	72.5°	0.0	0.0	0.0	1.5	4.5	7.0	10.0	15.0	20.0	25.0
	75°	0.0	0.0	0.0	2.0	4.5	7.5	10.5	15.0	19.5	23.5
	77.5°	0.0	0.0	0.0	1.5	4.5	7.0	10.0	14.5	19.0	23.0
	80°	1.5	1.0	1.0	2.5	4.5	6.5	8.5	13.0	18.0	22.5
	82.5°	3.0	3.0	2.5	3.5	4.5	6.0	7.5	11.5	16.0	20.0
	85°	6.0	6.0	5.5	6.0	6.0	6.5	7.0	9.0	11.0	13.0
	87.5°	8.0	8.0	7.5	7.5	7.5	7.0	7.0	7.0	7.0	6.5
	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: P1065066

CATALOG NUMBER: GLAN-SA2B-950-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
28.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.9											
29.9											
28.0											
27.5											
27.0											
24.0											
15.0											
6.5											
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REPORT NUMBER: P1065066

CATALOG NUMBER: GLAN-SA2B-950-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
0.0	2.5°	34.9	35.4	35.4	35.9	36.4	36.9	36.9	37.4	37.4	37.4
0.0	5°	34.4	35.4	35.9	36.4	36.9	37.4	37.9	38.4	38.9	38.9
0.0	7.5°	33.9	34.4	35.4	35.9	36.9	37.4	38.4	38.9	39.4	39.9
0.0	10°	32.9	33.9	34.9	35.9	36.9	37.9	38.9	39.9	40.9	41.4
0.0	12.5°	31.9	33.4	34.4	35.4	36.9	38.4	39.4	40.9	41.9	42.9
0.0	15°	31.4	32.4	33.9	34.9	36.9	38.9	40.4	42.4	44.4	45.9
0.0	17.5°	29.9	31.9	33.4	34.9	36.9	39.4	41.4	43.4	46.4	49.4
0.0	20°	28.0	29.4	31.4	32.9	35.9	38.4	41.4	43.9	48.4	52.9
0.0	22.5°	26.0	28.0	29.4	31.4	34.9	37.9	41.4	44.4	51.9	58.9
0.0	25°	24.0	26.5	28.5	30.4	34.4	38.4	42.4	46.4	58.9	71.4
0.0	27.5°	23.0	25.0	27.5	29.4	34.4	39.9	44.9	49.9	69.9	89.3
0.0	30°	21.5	24.0	26.0	28.5	34.9	41.4	47.9	54.4	84.9	115.3
0.0	32.5°	20.0	22.5	25.0	27.5	35.9	44.4	52.4	60.9	100.8	140.3
0.0	35°	18.5	21.5	24.0	26.5	37.4	48.9	59.9	70.9	115.3	159.2
0.0	37.5°	18.0	21.0	23.5	26.0	37.9	49.4	61.4	72.9	116.8	160.7
0.0	40°	18.5	21.0	24.0	26.5	36.4	46.4	55.9	65.9	111.8	157.2
0.0	42.5°	18.5	21.5	24.5	27.5	35.4	43.4	51.4	59.4	110.3	161.2
0.0	45°	18.0	21.0	24.0	27.0	34.4	41.4	48.9	55.9	119.3	182.2
0.0	47.5°	17.5	20.5	23.5	26.5	33.9	41.4	48.9	56.4	154.2	251.6
0.0	50°	17.5	20.5	23.0	25.5	34.4	43.9	52.9	61.9	224.6	386.8
0.0	52.5°	18.5	21.0	23.0	25.0	35.4	46.4	56.9	67.4	285.5	503.1
0.0	55°	20.0	21.5	23.5	25.0	37.9	50.4	63.4	75.9	304.0	532.1
0.0	57.5°	22.0	23.5	25.0	26.5	42.4	58.4	73.9	89.8	305.5	520.6
0.0	60°	24.5	26.5	28.0	29.4	46.4	63.9	80.9	97.8	276.5	454.7
0.0	62.5°	29.9	32.4	34.4	36.9	53.4	69.4	85.8	101.8	229.6	357.4
0.0	65°	34.4	36.4	38.4	40.4	56.4	72.9	88.8	104.8	194.7	284.5
0.0	67.5°	35.4	37.4	38.9	40.9	57.4	73.9	89.8	106.3	166.7	226.6
	70°	35.9	38.4	41.4	43.9	60.9	77.9	94.3	111.3	147.7	184.2
	72.5°	34.4	39.4	43.9	48.4	64.4	79.9	95.8	111.3	137.3	163.2
	75°	34.4	41.4	47.9	54.4	66.4	77.9	89.8	101.3	121.3	141.3
	77.5°	36.4	45.4	54.4	63.4	70.4	76.9	83.9	90.3	103.3	116.3
	80°	36.4	45.9	54.9	64.4	67.4	70.9	73.9	76.9	78.4	79.9
	82.5°	31.4	38.9	46.4	53.9	50.4	46.9	43.4	39.9	37.4	34.4
	85°	16.0	17.5	18.5	19.5	18.0	16.5	15.0	13.5	12.5	11.0
	87.5°	6.5	6.5	6.0	6.0	6.0	6.0	5.5	5.5	5.5	5.5
	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: P1065066

CATALOG NUMBER: GLAN-SA2B-950-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
28.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
284.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
309.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
334.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
384.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
484.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
738.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1131.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1424.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1456.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1314.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1124.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
878.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
663.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
490.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
346.9											
258.0											
187.7											
141.3											
79.4											
35.9											
10.5											
5.0											
0.0											
0.0											
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REPORT NUMBER: P1065066

CATALOG NUMBER: GLAN-SA2B-950-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°	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
0.0	2.5°	37.4	36.9	36.9	36.4	35.9	35.4	34.9	34.4	33.9	33.4
0.0	5°	38.9	38.9	38.9	38.4	38.4	37.9	37.9	37.4	36.9	36.4
0.0	7.5°	40.4	40.9	40.9	41.4	41.4	41.4	41.4	40.9	40.9	40.9
0.0	10°	42.9	43.4	43.9	44.4	44.9	45.4	45.4	45.9	45.9	45.9
0.0	12.5°	45.9	47.4	48.4	49.9	50.9	52.4	53.4	54.9	55.9	56.9
0.0	15°	50.4	52.9	55.9	58.4	60.9	64.4	68.4	71.9	75.4	80.9
0.0	17.5°	56.9	64.9	72.9	80.4	88.3	105.8	123.3	140.3	157.7	183.2
0.0	20°	69.4	93.3	116.8	140.8	164.2	225.6	286.5	347.9	408.8	474.2
0.0	22.5°	97.3	156.2	215.1	274.0	332.9	461.2	589.0	717.2	845.0	995.3
0.0	25°	141.3	249.6	357.9	465.7	574.0	774.6	975.8	1176.4	1377.1	1572.2
0.0	27.5°	205.6	371.3	537.1	702.3	868.0	1140.0	1412.5	1684.5	1956.6	2177.2
0.0	30°	285.0	509.6	734.2	958.8	1183.4	1492.9	1802.3	2111.3	2420.8	2661.8
0.0	32.5°	359.9	634.9	909.9	1184.4	1459.4	1811.8	2164.7	2517.1	2869.5	3133.0
0.0	35°	408.8	741.2	1074.1	1406.5	1738.9	2120.3	2501.6	2882.4	3263.8	3564.7
0.0	37.5°	457.7	841.5	1224.9	1608.7	1992.0	2410.8	2829.5	3248.3	3667.1	4038.9
0.0	40°	512.6	962.8	1412.5	1862.7	2312.4	2808.6	3304.2	3800.3	4296.0	4820.5
0.0	42.5°	607.9	1164.0	1720.5	2276.5	2832.5	3488.9	4145.2	4801.1	5457.4	6206.1
0.0	45°	787.1	1570.7	2354.9	3138.5	3922.1	4791.6	5661.6	6531.0	7400.5	8396.8
0.0	47.5°	1225.8	2304.0	3381.6	4459.7	5537.3	6476.1	7414.5	8353.3	9291.7	10284.0
0.0	50°	1875.7	3130.5	4385.3	5639.6	6894.4	7743.9	8592.9	9442.4	10291.4	11235.3
0.0	52.5°	2345.9	3653.1	4960.8	6268.0	7575.2	8341.9	9109.0	9875.7	10642.3	11524.3
0.0	55°	2381.3	3681.0	4981.3	6281.0	7580.7	8350.8	9121.0	9891.1	10661.3	11596.1
0.0	57.5°	2108.3	3397.5	4686.3	5975.5	7264.3	8141.2	9017.7	9894.6	10771.1	11781.8
0.0	60°	1793.4	3083.1	4372.3	5662.1	6951.3	7961.5	8972.3	9982.5	10992.7	11939.5
0.0	62.5°	1399.0	2725.7	4052.9	5379.6	6706.2	7731.9	8757.6	9782.8	10808.5	11518.8
0.0	65°	1042.7	2330.9	3619.1	4906.9	6195.1	7016.7	7838.2	8659.3	9480.9	9920.6
0.0	67.5°	753.7	1864.7	2975.3	4086.3	5196.9	5784.8	6372.8	6960.3	7548.3	7884.7
	70°	509.6	1279.3	2048.4	2818.1	3587.2	4070.4	4554.0	5037.2	5520.3	5974.5
	72.5°	352.9	785.1	1217.9	1650.1	2082.3	2568.5	3054.1	3540.3	4025.9	4506.6
	75°	234.1	430.7	627.9	824.6	1021.2	1381.1	1741.4	2101.3	2461.2	2747.7
	77.5°	166.2	225.1	284.5	343.4	402.3	469.7	537.6	604.9	672.3	774.6
	80°	78.9	86.3	93.8	100.8	108.3	132.8	157.2	181.7	206.1	232.1
	82.5°	37.4	40.4	43.4	45.9	48.9	51.4	53.9	56.4	58.9	56.4
	85°	10.0	10.0	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.0
	87.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.0	4.0	3.5
	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: P1065066

CATALOG NUMBER: GLAN-SA2B-950-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
28.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
540.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1145.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1767.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2397.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2903.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3397.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3865.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4411.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5345.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6954.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9393.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11276.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12179.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12406.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12531.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12792.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12885.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12229.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10360.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8221.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6428.2											
4987.2											
3034.2											
877.0											
258.0											
53.4											
9.5											
3.5											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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0.0											
0.0											
0.0											

REPORT NUMBER: P1065066

CATALOG NUMBER: GLAN-SA2B-950-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
0.0	2.5°	32.4	31.9	31.4	30.9	30.4	29.4	29.4	28.9	28.9
0.0	5°	35.4	34.9	34.4	33.9	33.9	33.4	32.9	32.9	32.4
0.0	7.5°	40.4	39.9	39.4	38.9	38.9	38.4	38.4	37.9	37.9
0.0	10°	46.4	46.4	46.4	46.4	46.4	45.9	45.9	45.9	45.4
0.0	12.5°	58.4	58.9	59.9	60.9	62.4	62.4	62.4	61.9	61.9
0.0	15°	92.3	97.8	101.8	105.8	109.3	117.3	116.3	114.8	113.8
0.0	17.5°	233.6	258.5	272.0	285.0	298.5	335.4	329.4	323.4	317.9
0.0	20°	605.4	670.8	714.2	757.7	801.6	871.0	854.0	837.0	820.1
0.0	22.5°	1295.2	1445.5	1510.8	1576.2	1641.1	1725.0	1670.6	1616.2	1562.3
0.0	25°	1962.1	2157.2	2267.5	2377.8	2487.6	2535.6	2464.7	2393.3	2322.4
0.0	27.5°	2618.4	2839.0	2936.3	3033.2	3130.5	3230.8	3143.0	3054.6	2966.8
0.0	30°	3144.5	3385.6	3490.9	3595.7	3701.0	3770.9	3680.0	3588.7	3497.9
0.0	32.5°	3660.6	3924.1	4039.4	4154.7	4269.5	4369.8	4258.0	4145.7	4033.9
0.0	35°	4166.2	4467.2	4625.9	4784.6	4943.3	5036.7	4903.9	4770.6	4637.9
0.0	37.5°	4783.1	5155.0	5332.6	5510.3	5688.0	5858.2	5712.0	5565.2	5419.0
0.0	40°	5869.7	6394.3	6666.8	6939.8	7212.3	7432.0	7247.3	7062.6	6877.9
0.0	42.5°	7703.5	8452.2	8844.0	9235.3	9627.1	9970.0	9775.8	9581.7	9387.5
0.0	45°	10389.3	11385.5	11863.2	12340.3	12818.0	13068.6	12789.1	12509.0	12229.5
0.0	47.5°	12268.0	13260.2	13685.5	14110.7	14536.0	14822.0	14480.1	14138.2	13796.8
0.0	50°	13122.5	14066.3	14493.1	14919.3	15346.1	15573.2	15178.4	14783.1	14388.2
0.0	52.5°	13287.7	14169.6	14678.7	15188.3	15697.5	16000.9	15534.7	15068.1	14601.9
0.0	55°	13466.4	14401.2	14991.7	15582.7	16173.1	16593.4	16066.3	15538.7	15011.7
0.0	57.5°	13802.8	14813.5	15402.5	15990.9	16579.9	16936.8	16408.2	15879.1	15350.6
0.0	60°	13832.7	14779.1	15285.2	15791.8	16297.9	16522.5	16016.9	15510.8	15005.2
0.0	62.5°	12939.8	13650.0	14001.4	14352.8	14704.2	14948.3	14420.7	13892.6	13365.0
0.0	65°	10800.5	11240.3	11520.3	11800.3	12080.3	12371.3	11888.1	11405.0	10921.8
0.0	67.5°	8558.0	8894.4	9263.2	9632.1	10000.9	10311.9	9925.1	9537.8	9150.9
	70°	6882.4	7336.1	7750.9	8165.7	8580.4	8835.0	8446.7	8057.9	7669.5
	72.5°	5467.9	5948.6	6295.0	6640.8	6987.2	7049.6	6764.1	6478.6	6193.6
	75°	3320.2	3606.7	3613.7	3620.1	3627.1	3686.5	3449.9	3213.4	2977.3
	77.5°	979.3	1081.6	1166.0	1249.8	1334.2	1436.0	1349.1	1261.8	1174.9
	80°	283.5	309.5	331.4	352.9	374.8	361.9	341.4	320.9	300.5
	82.5°	50.9	47.9	47.4	46.9	46.9	44.4	40.4	36.4	32.4
	85°	9.0	8.5	8.0	7.5	7.0	6.5	5.5	5.0	4.0
	87.5°	3.0	2.5	2.0	1.5	1.5	0.5	0.5	0.5	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

CATALOG NUMBER: GLAN-SA2B-950-U-RBC

[illegible]

REPORT NUMBER: P1065066

CATALOG NUMBER: GLAN-SA2B-950-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°	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
0.0	0.0	2.5°	28.5	28.0	28.0	28.0	28.0	27.5	27.5	27.5	27.5
0.0	0.0	5°	31.4	31.4	30.9	30.9	30.4	30.4	29.9	29.9	29.4
0.0	0.0	7.5°	36.9	36.4	35.9	35.4	34.9	33.9	33.4	32.9	32.9
0.0	0.0	10°	44.4	43.4	42.9	41.9	41.4	40.4	39.4	38.4	37.4
0.0	0.0	12.5°	58.4	56.4	54.9	52.9	50.9	49.4	47.4	45.9	43.9
0.0	0.0	15°	101.3	96.3	90.8	84.4	77.4	70.9	63.9	59.9	55.4
0.0	0.0	17.5°	259.0	233.1	206.6	185.2	163.7	142.7	121.3	105.8	90.3
0.0	0.0	20°	659.3	587.5	515.6	444.7	373.3	302.5	231.1	195.2	159.2
0.0	0.0	22.5°	1240.8	1107.6	973.8	844.5	714.7	585.5	456.2	374.8	294.0
0.0	0.0	25°	1915.1	1747.4	1579.7	1367.1	1154.0	941.3	728.7	596.5	464.2
0.0	0.0	27.5°	2492.1	2299.0	2105.8	1847.3	1588.7	1330.2	1071.6	874.5	677.8
0.0	0.0	30°	2991.7	2784.1	2576.5	2275.5	1974.5	1673.6	1372.6	1126.0	879.5
0.0	0.0	32.5°	3425.0	3176.4	2927.9	2617.4	2307.0	1996.5	1686.0	1383.6	1081.1
0.0	0.0	35°	3924.6	3634.6	3344.1	2999.7	2654.8	2310.4	1966.0	1624.6	1282.7
0.0	0.0	37.5°	4559.5	4203.6	3847.2	3463.4	3079.6	2696.3	2312.4	1922.1	1531.8
0.0	0.0	40°	5774.9	5315.7	4856.5	4368.8	3880.7	3393.0	2905.4	2426.2	1947.1
0.0	0.0	42.5°	7952.5	7332.1	6711.7	6062.9	5413.5	4764.6	4115.3	3439.5	2763.2
0.0	0.0	45°	10410.2	9640.6	8870.4	8142.2	7413.5	6685.3	5957.0	5029.7	4102.3
0.0	0.0	47.5°	11792.3	10961.3	10130.2	9440.9	8751.6	8062.4	7373.1	6373.3	5373.6
0.0	0.0	50°	12300.9	11454.9	10608.9	9974.5	9339.6	8705.2	8070.3	7069.1	6067.4
0.0	0.0	52.5°	12409.2	11546.2	10683.3	10044.9	9406.5	8768.6	8130.2	7135.5	6140.7
0.0	0.0	55°	12631.8	11706.0	10779.6	10051.9	9324.1	8596.4	7868.7	6858.0	5847.2
0.0	0.0	57.5°	12922.8	11973.5	11024.2	10195.1	9366.1	8537.5	7708.5	6603.4	5498.4
0.0	0.0	60°	12846.5	12020.4	11193.9	10305.9	9417.5	8529.5	7641.1	6425.7	5209.9
0.0	0.0	62.5°	11520.8	10862.9	10204.6	9474.4	8743.7	8013.4	7283.2	6031.9	4780.6
0.0	0.0	65°	9477.9	8997.7	8517.6	7930.1	7342.1	6754.6	6167.2	5045.1	3923.6
0.0	0.0	67.5°	7681.5	7140.5	6598.9	6130.7	5662.1	5193.9	4725.2	3842.3	2959.3
		70°	6102.8	5514.3	4925.4	4468.2	4010.5	3553.3	3096.1	2509.1	1922.6
		72.5°	4846.5	4315.9	3785.4	3297.7	2809.6	2321.9	1833.8	1486.9	1140.0
		75°	2316.4	2104.3	1892.2	1637.1	1382.1	1127.0	872.0	720.7	570.0
		77.5°	858.5	744.2	629.4	525.6	421.8	318.4	214.6	196.7	178.7
		80°	222.1	193.7	164.7	144.2	123.3	102.8	82.4	74.4	66.9
		82.5°	25.5	23.5	22.0	21.0	19.5	18.5	17.0	15.5	14.0
		85°	1.5	1.0	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



REPORT NUMBER: P1065066
CATALOG NUMBER: GLAN-SA2B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065066

CATALOG NUMBER: GLAN-SA2B-950-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	28.9	28.9
0.0	0.0	2.5°	27.0	26.5
0.0	0.0	5°	28.5	28.0
0.0	0.0	7.5°	31.4	30.4
0.0	0.0	10°	34.4	33.4
0.0	0.0	12.5°	38.9	37.4
0.0	0.0	15°	43.9	40.9
0.0	0.0	17.5°	52.4	45.9
0.0	0.0	20°	70.9	54.4
0.0	0.0	22.5°	99.8	67.9
0.0	0.0	25°	146.7	93.8
0.0	0.0	27.5°	204.1	124.8
0.0	0.0	30°	271.5	156.2
0.0	0.0	32.5°	330.9	186.2
0.0	0.0	35°	408.3	216.6
0.0	0.0	37.5°	503.6	255.6
0.0	0.0	40°	651.4	314.4
0.0	0.0	42.5°	917.4	423.3
0.0	0.0	45°	1489.9	731.7
0.0	0.0	47.5°	2292.5	1210.4
0.0	0.0	50°	2804.6	1544.8
0.0	0.0	52.5°	2846.5	1542.3
0.0	0.0	55°	2598.4	1371.1
0.0	0.0	57.5°	2217.1	1146.0
0.0	0.0	60°	1842.8	906.4
0.0	0.0	62.5°	1452.0	625.9
0.0	0.0	65°	1061.1	442.7
0.0	0.0	67.5°	762.2	330.9
		70°	501.1	253.6
		72.5°	326.4	206.6
		75°	219.6	171.2
		77.5°	128.3	113.8
		80°	45.4	39.9
		82.5°	8.5	6.0
		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: P1065066

CATALOG NUMBER: GLAN-SA2B-950-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: SP1-2407-184-17

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-950-U-5WQ

Data in this report applies to families of products including GSS-SB1A-950-U-5WQ

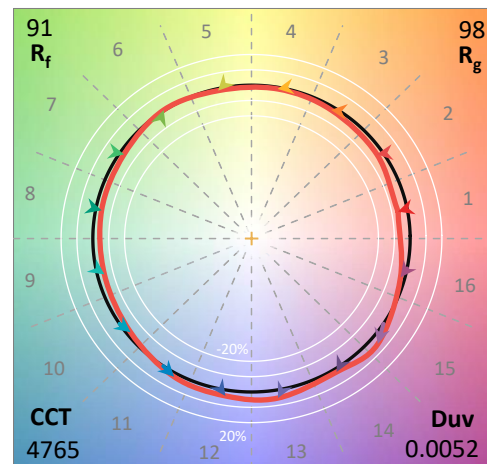
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-17
 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-950-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K): 4765
 CIE u' : 0.2105
 CIE v' : 0.4941
 Duv: 0.0052
 CIE x: 0.3536
 CIE y: 0.3689
 CIE z: 0.2775
 Peak Wavelength (nm): 449
 Dominant Wavelength (nm): 571
 Purity: 16.80041
 R_f: 90.7
 R_g: 98

CRI (Ra): 90.8
 R1: 89.8
 R2: 93.1
 R3: 95.3
 R4: 90.3
 R5: 89.0
 R6: 89.7
 R7: 94.9
 R8: 84.0
 R9: 54.9
 R10: 83.0
 R11: 89.6
 R12: 68.0
 R13: 90.6
 R14: 97.3
 R15: 86.2



Test Conditions

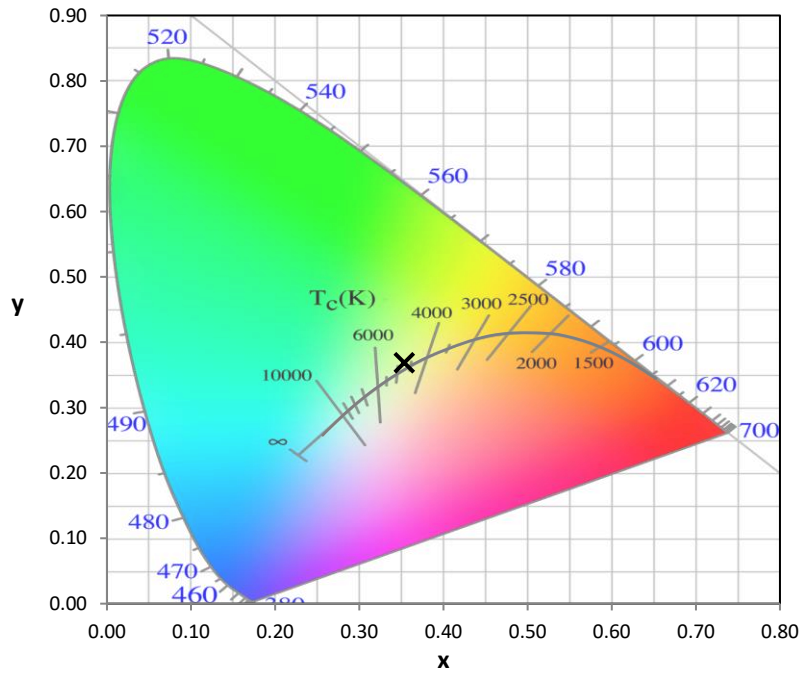
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-17

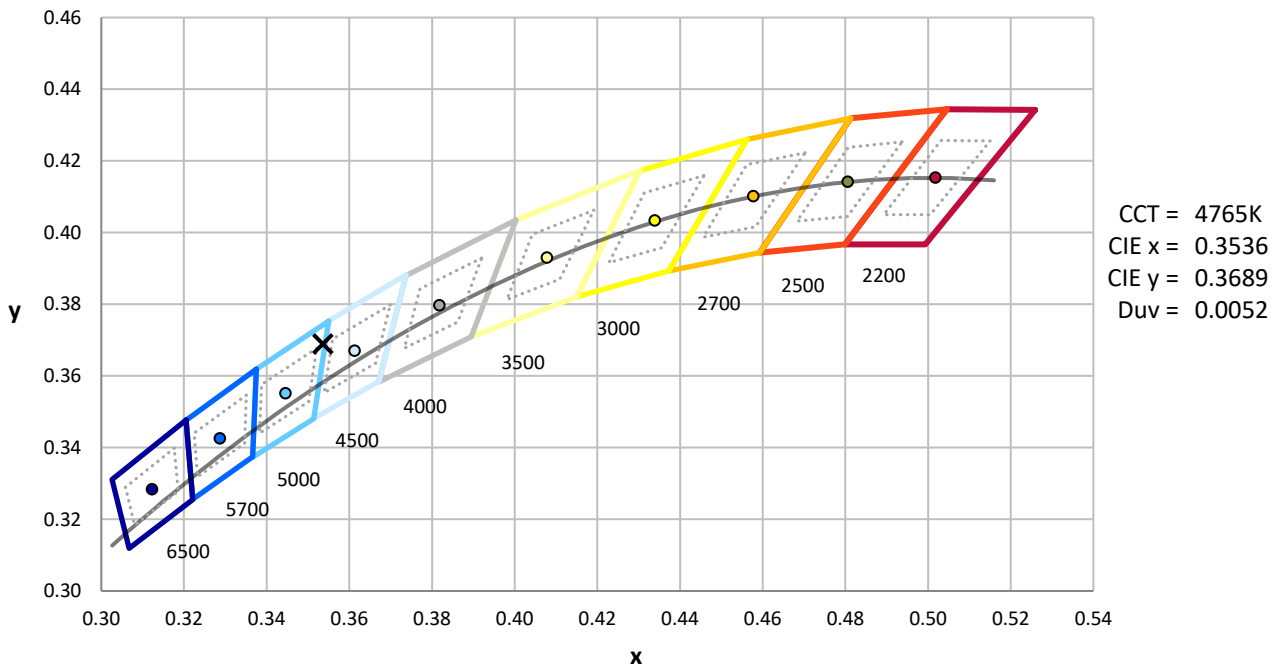
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-17

CIE 1931 Chromaticity Diagram



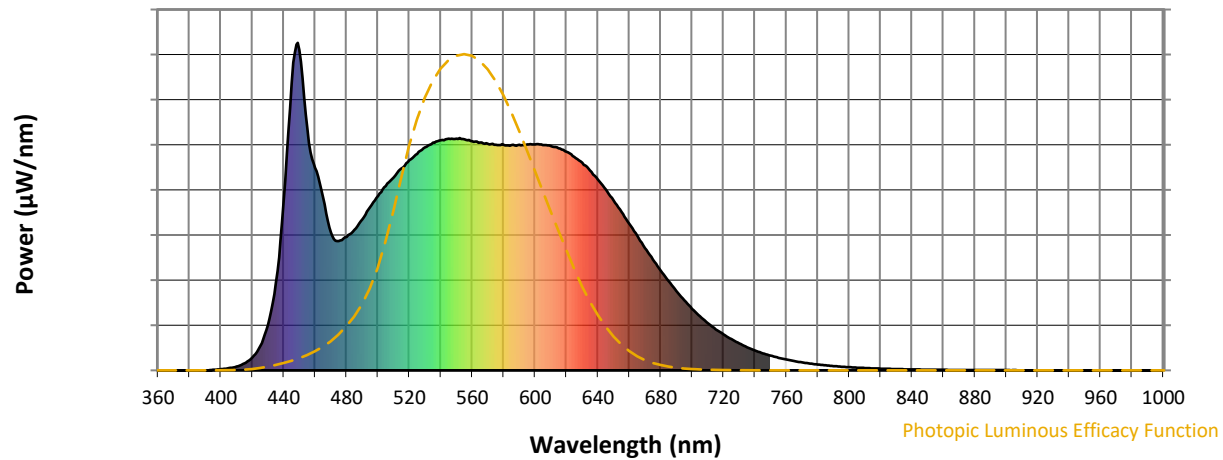
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-17

Photopic Flux vs. Wavelength

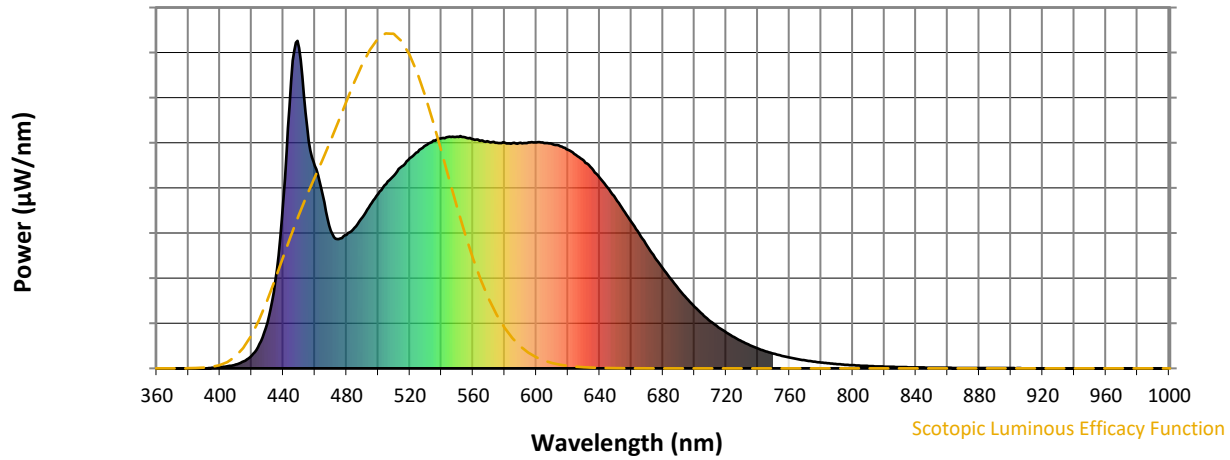


Photopic Lumens: NR

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-17

Scotopic Flux vs. Wavelength



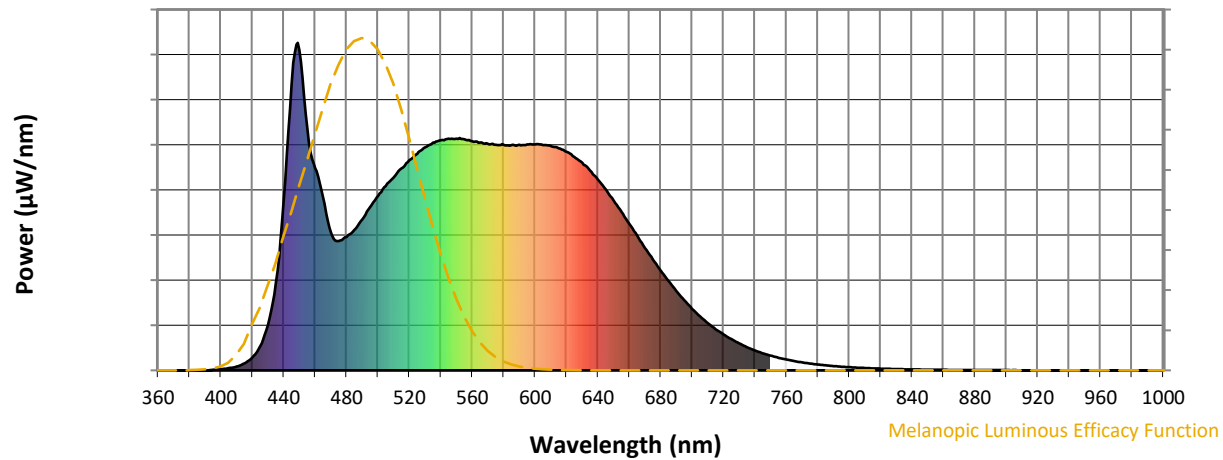
Scotopic Lumens: NR

S/P: 1.99

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 4.22

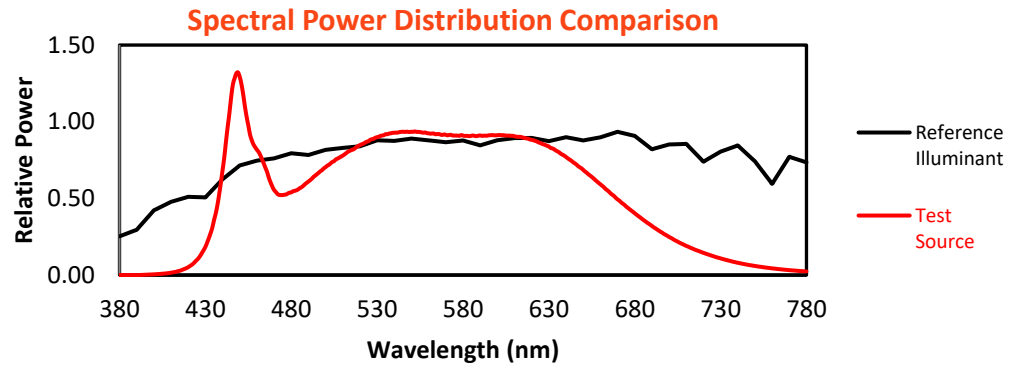
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-17

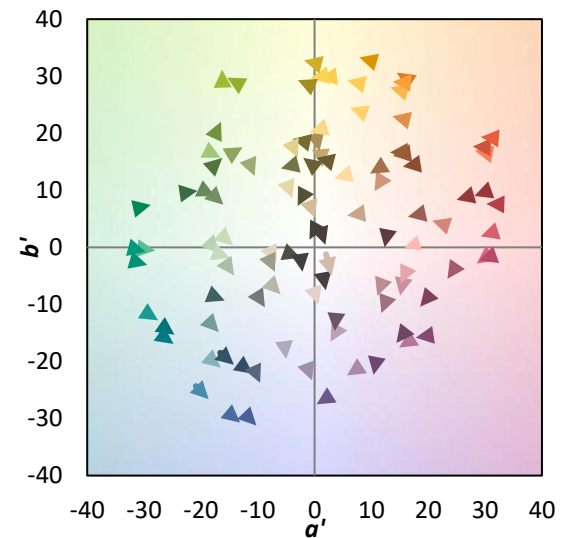
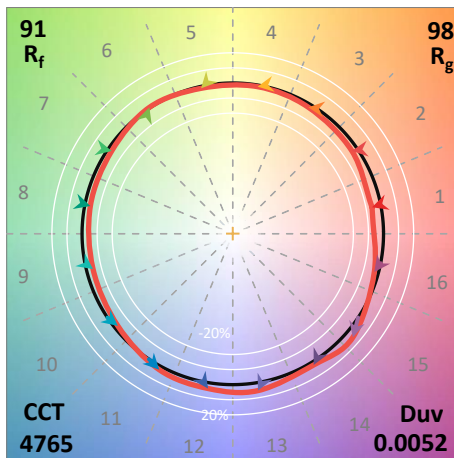
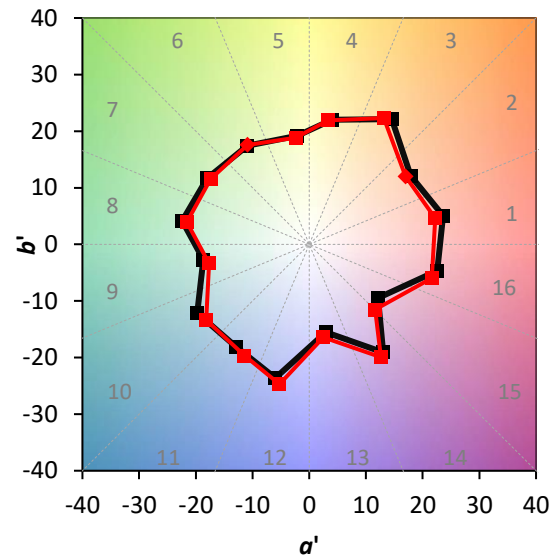
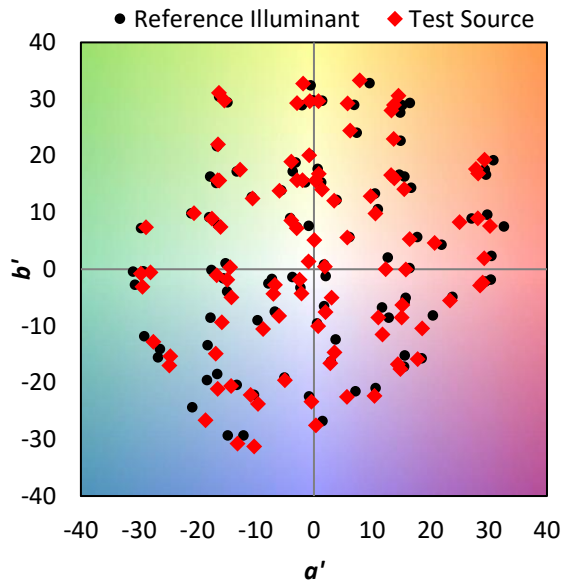
TM-30-18

Summary

$R_f = 90.7$
 $R_g = 98$
 CIE $R_a = 90.8$
 $R_9 = 54.9$

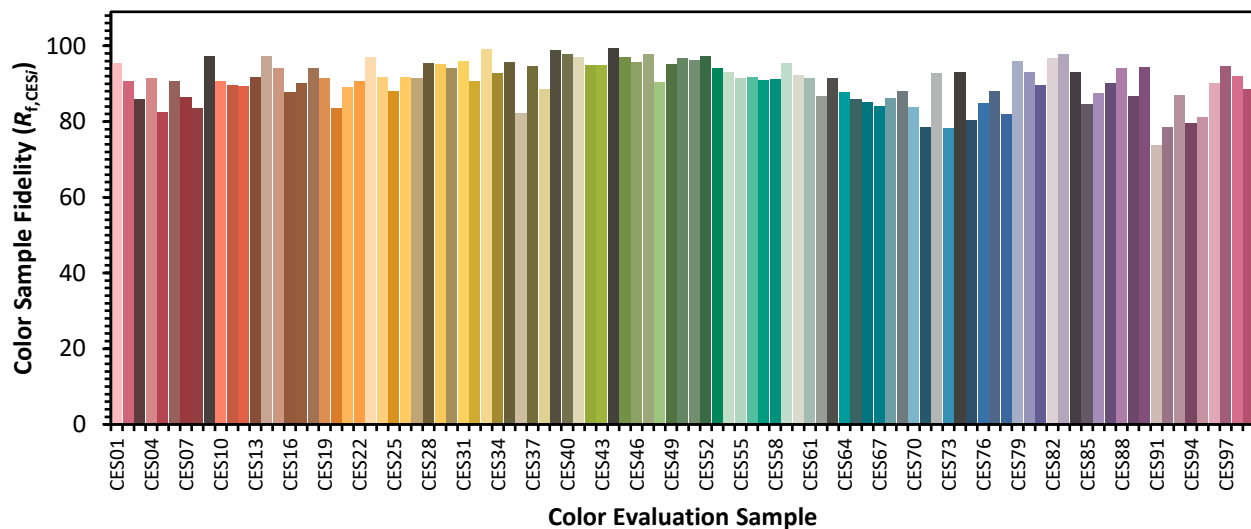


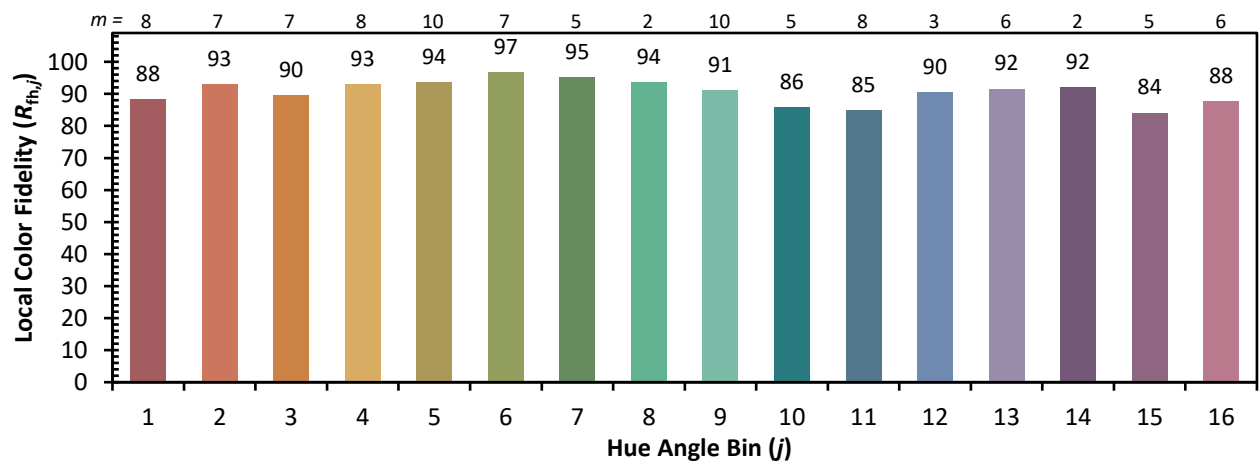
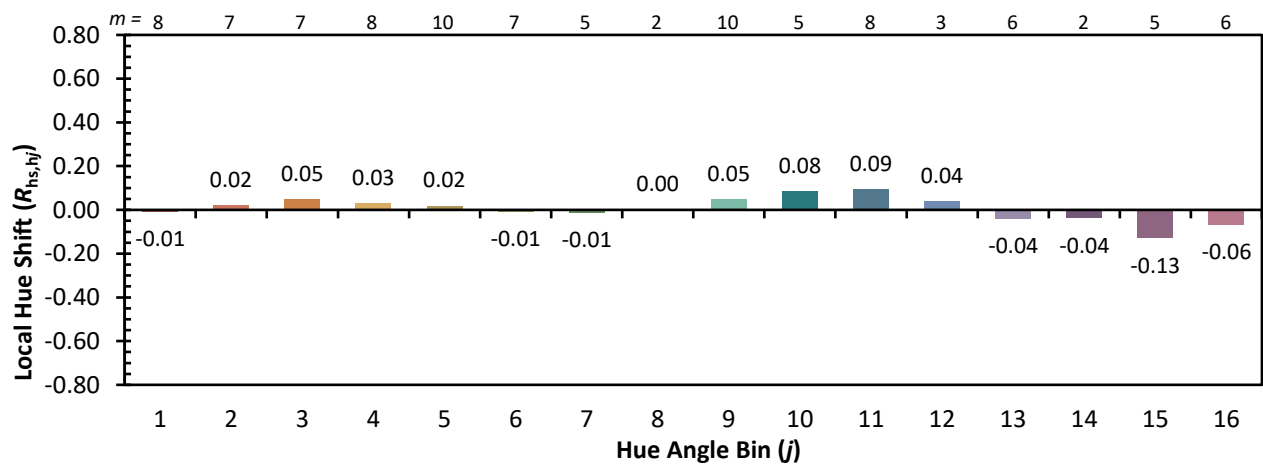
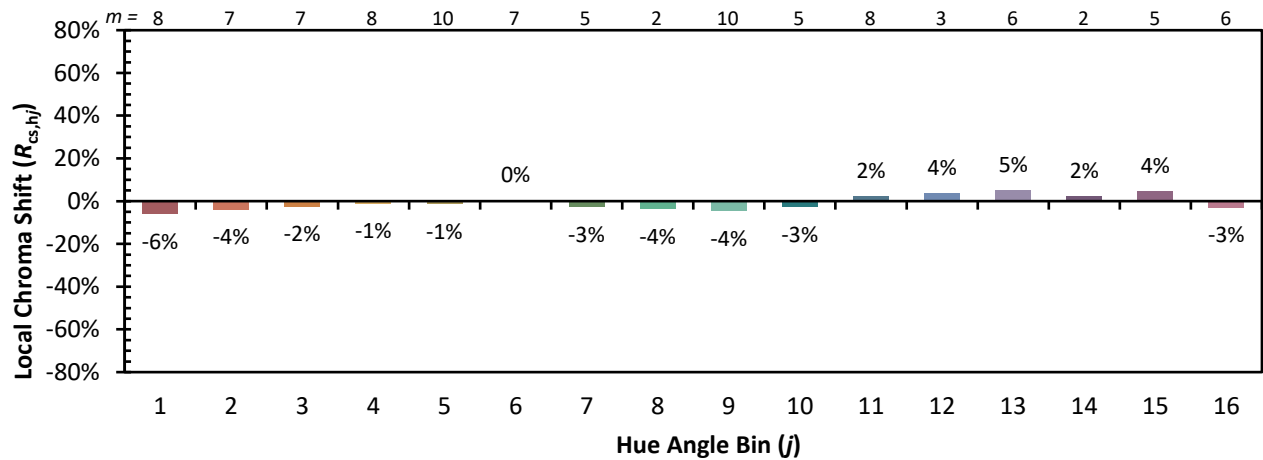
Color Vector Graphics

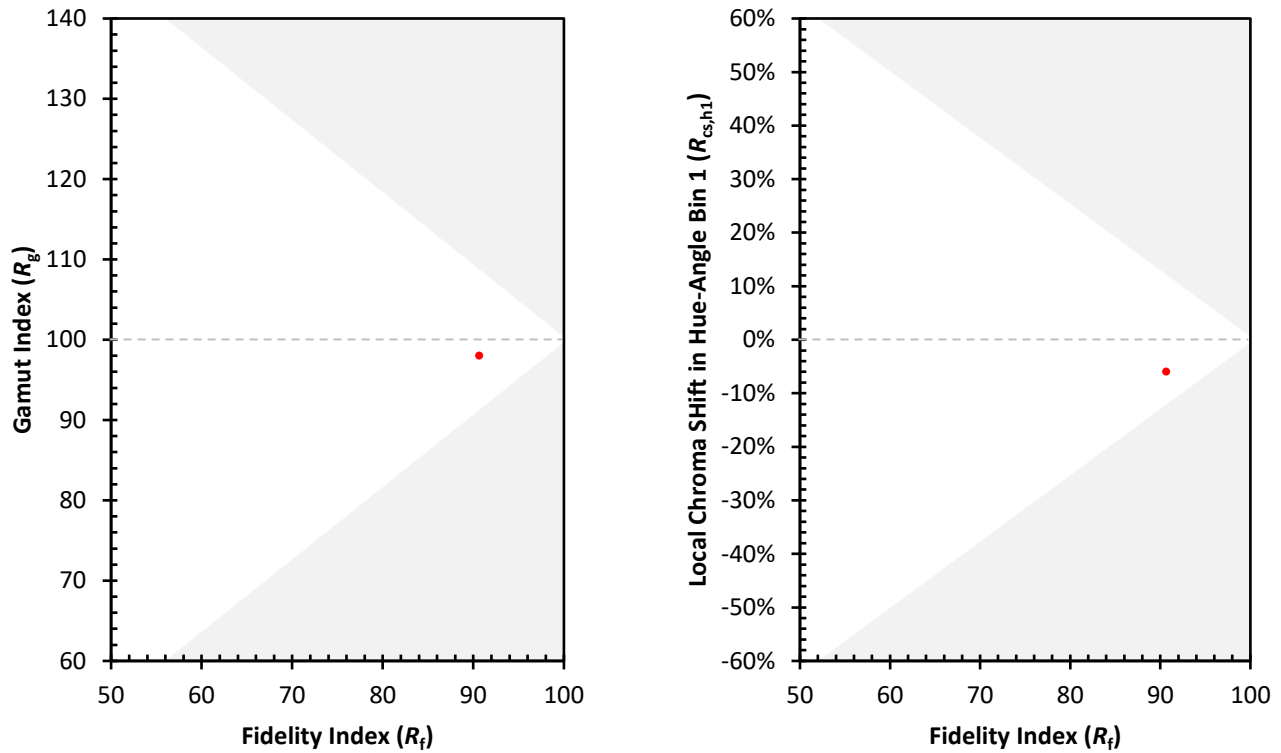


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82 = 97
CES08 = 40	CES33 = 99	CES58 = 91	CES83 = 98
CES09 = 29	CES34 = 93	CES59 = 95	CES84 = 93
CES10 = 73	CES35 = 96	CES60 = 92	CES85 = 85
CES11 = 56	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 62	CES37 = 95	CES62 = 87	CES87 = 90
CES13 = 42	CES38 = 89	CES63 = 91	CES88 = 94
CES14 = 74	CES39 = 99	CES64 = 88	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 86	CES90 = 94
CES16 = 46	CES41 = 97	CES66 = 85	CES91 = 74
CES17 = 48	CES42 = 95	CES67 = 84	CES92 = 78
CES18 = 56	CES43 = 95	CES68 = 86	CES93 = 87
CES19 = 70	CES44 = 100	CES69 = 88	CES94 = 80
CES20 = 65	CES45 = 97	CES70 = 84	CES95 = 81
CES21 = 85	CES46 = 96	CES71 = 79	CES96 = 90
CES22 = 77	CES47 = 98	CES72 = 93	CES97 = 95
CES23 = 91	CES48 = 90	CES73 = 78	CES98 = 92
CES24 = 90	CES49 = 95	CES74 = 93	CES99 = 88
CES25 = 70	CES50 = 97	CES75 = 80	



Color Rendition by Hue-Angle Bin


Measure Comparisons


(END OF REPORT)