

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: P1065089

Luminaire Tested: **GLAN-SA8A-950-U-RBC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1065089
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA8A-950-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 8xLight Square PACKAGE
90CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (112) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20614.8 lumens
Efficiency: N/A
Efficacy: 94.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

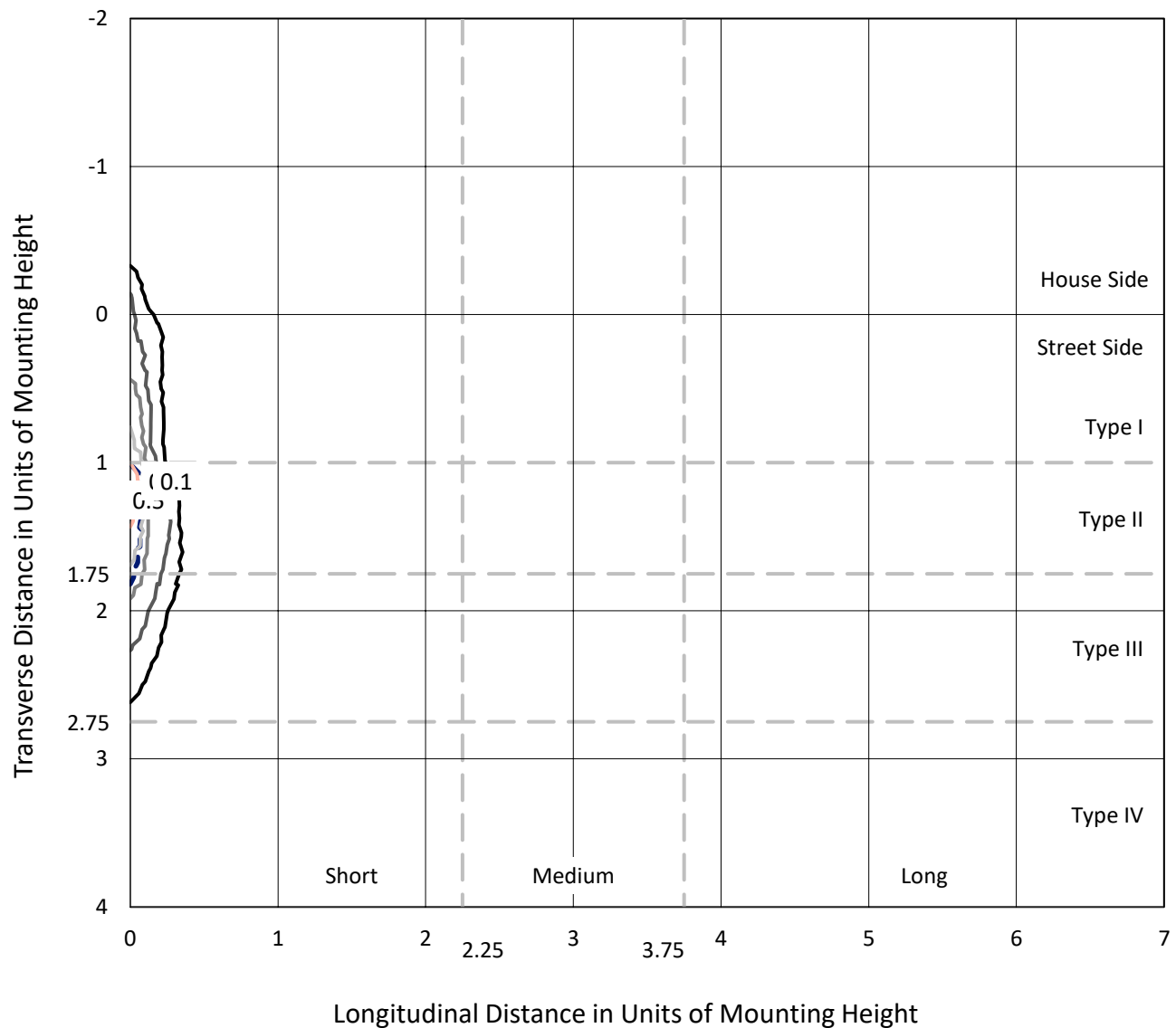
Input Watts (W): 217.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

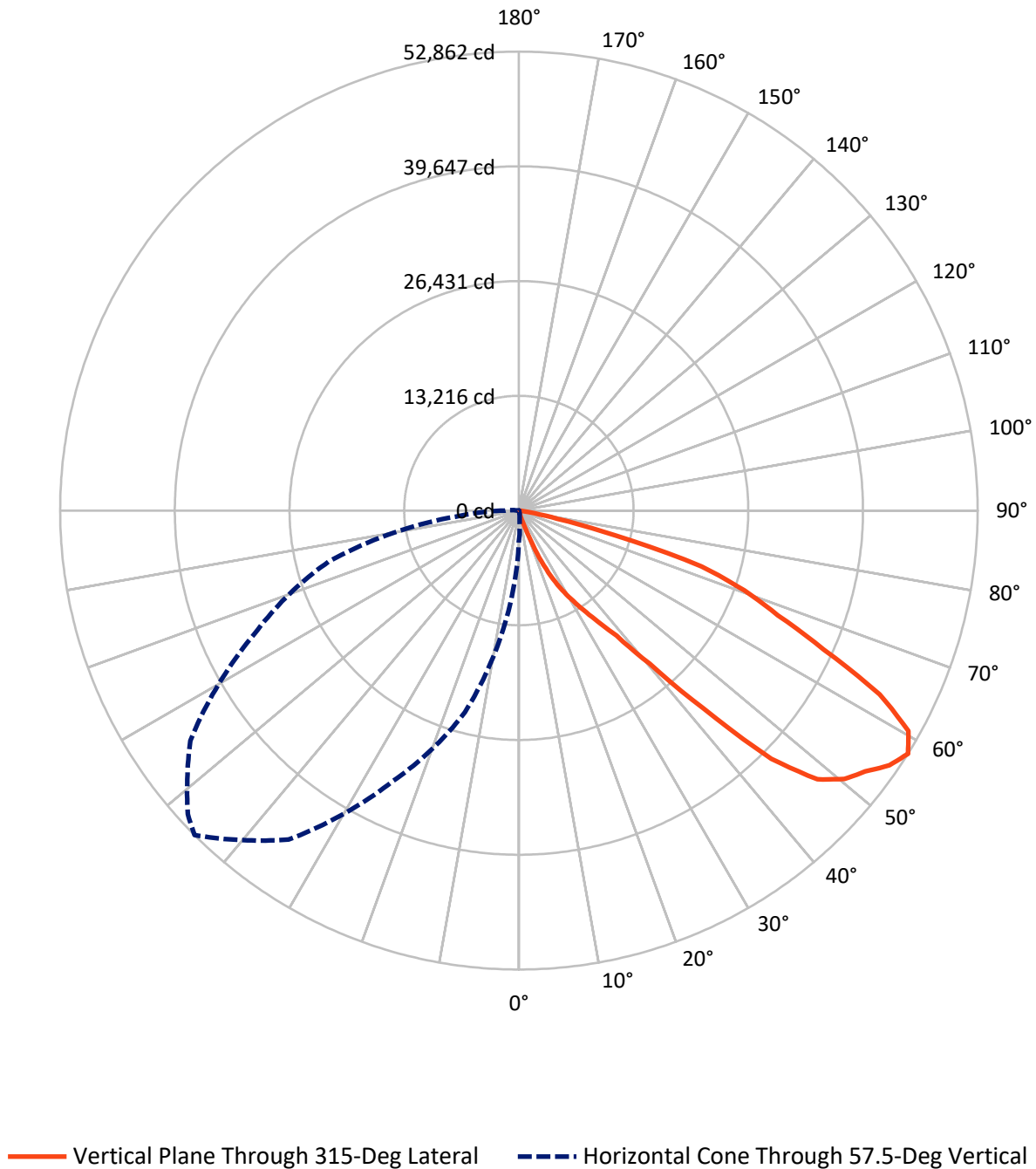


Based on 20 foot mounting height. Maximum calculated value = 3 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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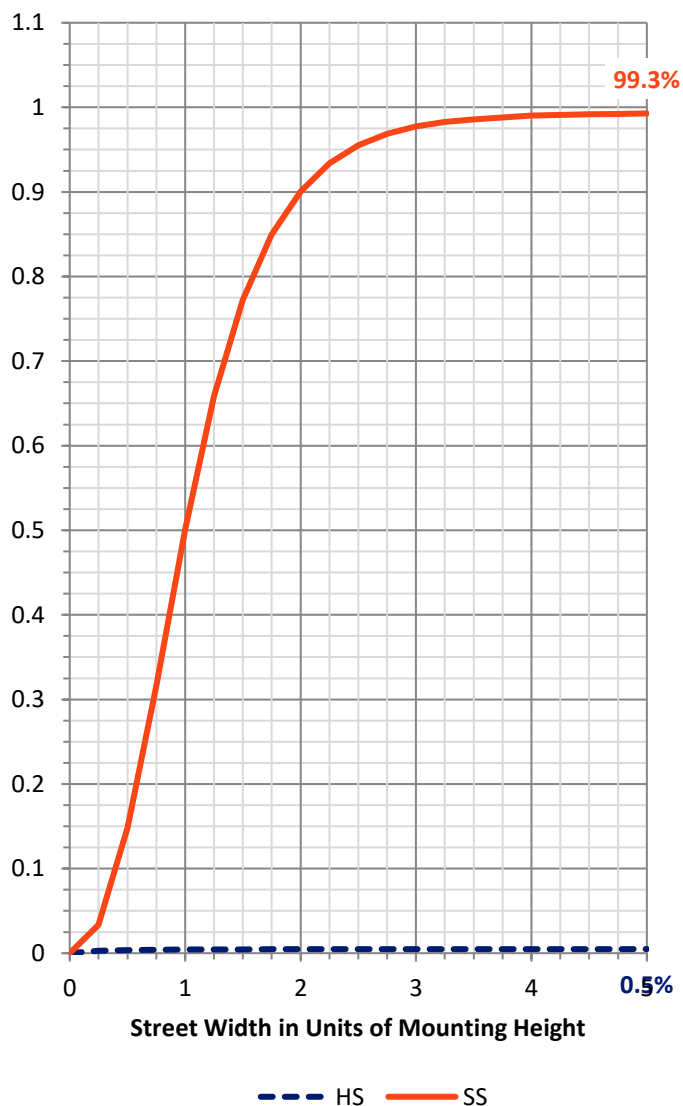
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	103.2	0.0	103.2
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	20511.6	0.0	20511.6
	% Fixture	99.5	0.0	99.5
Total	Lumens	20614.8	0.0	20614.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.1	0.0
10°-20°	45.3	0.2
20°-30°	488.5	2.4
30°-40°	1444.7	7.0
40°-50°	4305.6	20.9
50°-60°	6827.1	33.1
60°-70°	5699.0	27.6
70°-80°	1757.4	8.5
80°-90°	39.1	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°	20614.8	100.0
0°-180°	20614.8	100.0

Coefficient of Utilization



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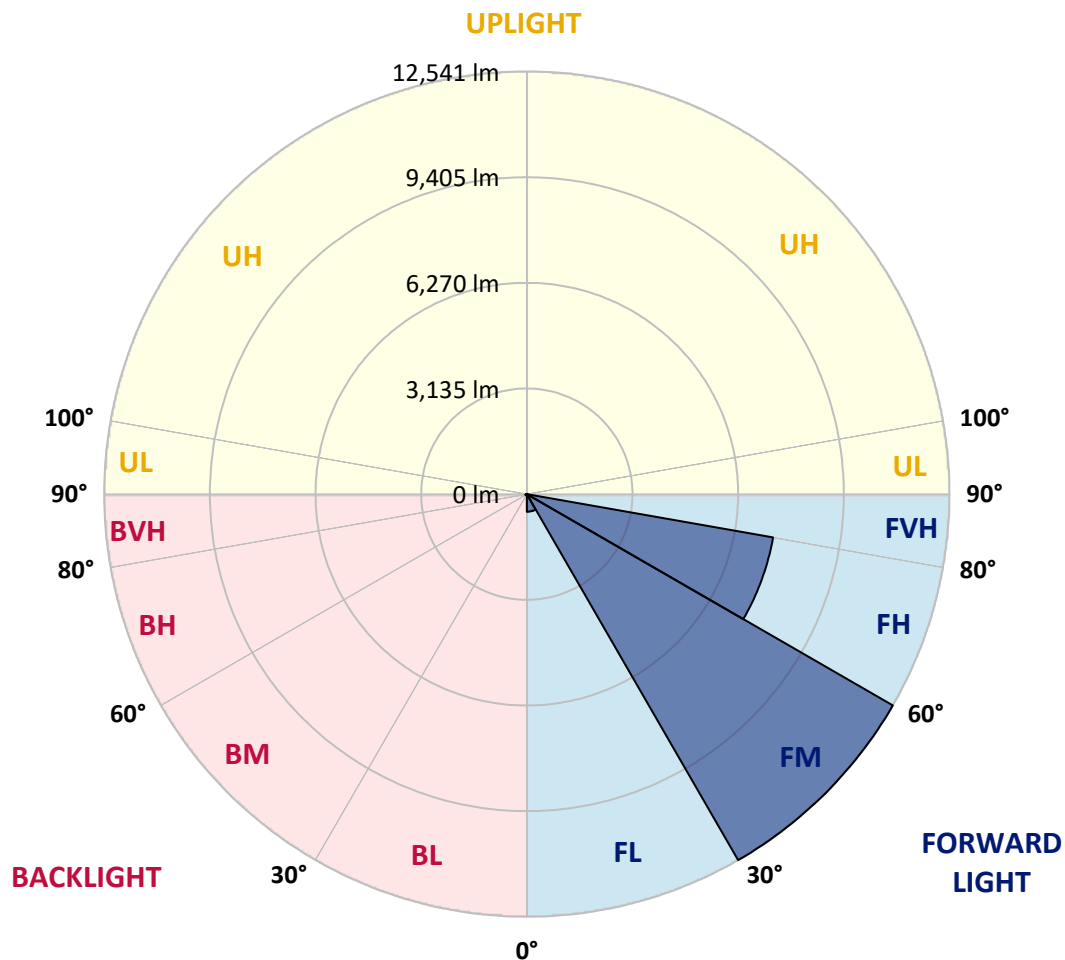
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	523.0	2.5			
FM	(30°-60°)	12540.6	60.8			
FH	(60°-80°)	7417.9	36.0			G3/7500
FVH	(80°-90°)	30.2	0.1			G1/100
BL	(0°-30°)	19.0	0.1	B0/110		
BM	(30°-60°)	36.9	0.2	B0/220		
BH	(60°-80°)	38.5	0.2	B0/110		G0/110
BVH	(80°-90°)	8.9	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-G3

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°	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
2.5°	82.6	82.6	82.6	82.6	81.0	81.0	79.5	79.5	77.9	77.9
5°	87.2	87.2	85.7	84.1	84.1	82.6	81.0	79.5	79.5	77.9
7.5°	95.0	93.5	91.9	90.4	87.2	85.7	82.6	81.0	79.5	76.3
10°	104.4	101.3	98.1	95.0	91.9	88.8	85.7	84.1	81.0	79.5
12.5°	116.8	112.2	105.9	101.3	98.1	93.5	90.4	87.2	82.6	79.5
15°	127.7	121.5	113.7	107.5	102.8	96.6	91.9	87.2	84.1	79.5
17.5°	143.3	132.4	120.0	112.2	105.9	98.1	90.4	85.7	81.0	74.8
20°	169.8	148.0	124.6	115.3	105.9	96.6	87.2	81.0	76.3	70.1
22.5°	211.9	174.5	137.1	123.1	110.6	96.6	84.1	77.9	71.7	65.4
25°	292.9	225.9	158.9	140.2	121.5	102.8	84.1	76.3	70.1	62.3
27.5°	389.5	289.8	188.5	162.0	137.1	110.6	84.1	74.8	67.0	57.6
30°	487.6	355.2	221.2	186.9	152.7	118.4	84.1	73.2	63.9	53.0
32.5°	581.1	415.9	249.3	208.8	168.2	126.2	85.7	73.2	60.8	48.3
35°	676.1	465.8	253.9	211.9	169.8	126.2	84.1	70.1	57.6	43.6
37.5°	797.6	521.9	244.6	202.5	162.0	120.0	79.5	67.0	54.5	40.5
40°	981.4	615.3	249.3	205.6	162.0	118.4	74.8	62.3	51.4	38.9
42.5°	1321.1	796.1	269.5	219.7	169.8	118.4	68.5	57.6	48.3	37.4
45°	2283.8	1322.6	361.4	286.6	211.9	137.1	62.3	53.0	45.2	35.8
47.5°	3777.8	2213.7	649.6	501.6	355.2	207.2	60.8	53.0	45.2	35.8
50°	4821.5	2819.7	817.9	629.4	440.9	252.4	63.9	54.5	46.7	37.4
52.5°	4813.7	2863.3	911.3	699.5	489.2	277.3	67.0	57.6	49.9	40.5
55°	4279.4	2604.7	928.5	713.5	500.1	285.1	71.7	62.3	53.0	43.6
57.5°	3576.8	2212.1	847.5	655.9	465.8	274.2	82.6	71.7	62.3	51.4
60°	2829.0	1744.8	660.5	521.9	384.8	246.1	109.0	95.0	82.6	68.5
62.5°	1953.5	1265.0	576.4	462.7	350.5	236.8	124.6	110.6	98.1	84.1
65°	1381.8	951.8	520.3	423.7	328.7	232.1	135.5	120.0	105.9	90.4
67.5°	1032.9	757.1	479.8	397.3	314.7	232.1	149.6	130.9	113.7	95.0
70°	791.4	621.6	450.2	383.2	317.8	250.8	183.8	157.3	132.4	105.9
72.5°	644.9	531.2	415.9	367.7	319.4	271.1	222.8	188.5	154.2	118.4
75°	534.3	454.9	375.4	334.9	296.0	255.5	215.0	183.8	154.2	123.1
77.5°	355.2	324.0	291.3	267.9	244.6	219.7	196.3	169.8	144.9	118.4
80°	124.6	120.0	115.3	124.6	134.0	143.3	152.7	134.0	116.8	98.1
82.5°	18.7	17.1	15.6	17.1	18.7	20.3	21.8	23.4	24.9	26.5
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-SA8A-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°	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
0.0	2.5°	76.3	76.3	74.8	74.8	74.8	73.2	73.2	71.7	71.7	71.7
0.0	5°	74.8	74.8	73.2	71.7	70.1	70.1	68.5	67.0	67.0	65.4
0.0	7.5°	73.2	71.7	70.1	68.5	67.0	65.4	63.9	62.3	62.3	60.8
0.0	10°	74.8	71.7	70.1	67.0	65.4	63.9	60.8	59.2	57.6	57.6
0.0	12.5°	71.7	70.1	67.0	63.9	62.3	59.2	57.6	54.5	53.0	53.0
0.0	15°	71.7	68.5	63.9	60.8	57.6	56.1	53.0	49.9	48.3	46.7
0.0	17.5°	67.0	63.9	59.2	56.1	53.0	49.9	46.7	43.6	42.1	40.5
0.0	20°	60.8	57.6	53.0	48.3	45.2	42.1	38.9	35.8	34.3	32.7
0.0	22.5°	54.5	51.4	46.7	42.1	38.9	35.8	31.2	28.0	26.5	23.4
0.0	25°	51.4	46.7	42.1	37.4	32.7	29.6	24.9	20.3	17.1	14.0
0.0	27.5°	43.6	38.9	34.3	29.6	24.9	20.3	15.6	10.9	7.8	6.2
0.0	30°	37.4	32.7	28.0	23.4	17.1	12.5	7.8	1.6	1.6	1.6
0.0	32.5°	31.2	26.5	20.3	15.6	12.5	7.8	4.7	0.0	0.0	0.0
0.0	35°	24.9	20.3	14.0	9.3	7.8	4.7	3.1	0.0	0.0	0.0
0.0	37.5°	21.8	17.1	10.9	4.7	3.1	3.1	1.6	0.0	0.0	0.0
0.0	40°	20.3	14.0	7.8	1.6	1.6	1.6	0.0	0.0	0.0	0.0
0.0	42.5°	20.3	14.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	20.3	14.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	20.3	14.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	21.8	15.6	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	24.9	18.7	12.5	6.2	4.7	3.1	1.6	0.0	0.0	0.0
0.0	55°	31.2	28.0	23.4	20.3	15.6	10.9	4.7	0.0	0.0	0.0
0.0	57.5°	40.5	40.5	38.9	37.4	28.0	18.7	9.3	0.0	0.0	0.0
0.0	60°	54.5	54.5	54.5	54.5	40.5	28.0	14.0	0.0	0.0	0.0
0.0	62.5°	67.0	63.9	59.2	56.1	42.1	28.0	14.0	0.0	0.0	0.0
0.0	65°	67.0	60.8	53.0	45.2	34.3	23.4	10.9	0.0	0.0	0.0
0.0	67.5°	62.3	49.9	35.8	23.4	17.1	12.5	6.2	0.0	0.0	0.0
	70°	62.3	43.6	24.9	6.2	4.7	3.1	1.6	0.0	0.0	0.0
	72.5°	62.3	42.1	20.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	68.5	46.7	23.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	68.5	46.7	23.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	60.8	40.5	20.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	20.3	14.0	6.2	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-SA8A-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°	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
0.0	2.5°	70.1	70.1	70.1	68.5	68.5	68.5	68.5	67.0	67.0	67.0
0.0	5°	63.9	63.9	62.3	62.3	60.8	60.8	59.2	59.2	57.6	57.6
0.0	7.5°	59.2	57.6	57.6	56.1	54.5	54.5	53.0	53.0	51.4	49.9
0.0	10°	54.5	53.0	53.0	51.4	49.9	48.3	48.3	46.7	45.2	43.6
0.0	12.5°	49.9	48.3	46.7	45.2	43.6	42.1	42.1	40.5	38.9	37.4
0.0	15°	43.6	42.1	40.5	38.9	37.4	35.8	35.8	34.3	32.7	31.2
0.0	17.5°	37.4	35.8	35.8	34.3	32.7	31.2	29.6	26.5	24.9	23.4
0.0	20°	28.0	26.5	24.9	23.4	21.8	18.7	17.1	14.0	10.9	9.3
0.0	22.5°	18.7	15.6	14.0	10.9	7.8	6.2	4.7	1.6	0.0	0.0
0.0	25°	6.2	4.7	3.1	1.6	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: P1065089

CATALOG NUMBER: GLAN-SA8A-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065089

CATALOG NUMBER: GLAN-SA8A-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°	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
0.0	2.5°	65.4	65.4	65.4	63.9	63.9	63.9	63.9	63.9	63.9	63.9
0.0	5°	56.1	56.1	56.1	54.5	54.5	53.0	53.0	53.0	51.4	51.4
0.0	7.5°	48.3	46.7	46.7	45.2	45.2	43.6	43.6	43.6	42.1	42.1
0.0	10°	40.5	38.9	38.9	37.4	37.4	35.8	35.8	34.3	34.3	32.7
0.0	12.5°	35.8	34.3	32.7	31.2	31.2	29.6	28.0	28.0	26.5	24.9
0.0	15°	28.0	26.5	24.9	23.4	21.8	20.3	18.7	18.7	17.1	15.6
0.0	17.5°	18.7	15.6	14.0	12.5	12.5	10.9	9.3	7.8	6.2	4.7
0.0	20°	4.7	3.1	1.6	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



REPORT NUMBER: P1065089

CATALOG NUMBER: GLAN-SA8A-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065089

CATALOG NUMBER: GLAN-SA8A-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°	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
0.0	2.5°	63.9	62.3	62.3	62.3	63.9	63.9	63.9	63.9	63.9	63.9
0.0	5°	51.4	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
0.0	7.5°	42.1	40.5	40.5	40.5	40.5	38.9	38.9	38.9	38.9	38.9
0.0	10°	32.7	31.2	31.2	31.2	31.2	29.6	29.6	29.6	29.6	29.6
0.0	12.5°	23.4	23.4	21.8	21.8	21.8	20.3	20.3	20.3	20.3	18.7
0.0	15°	14.0	12.5	10.9	10.9	10.9	9.3	9.3	9.3	9.3	7.8
0.0	17.5°	3.1	3.1	1.6	1.6	1.6	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: P1065089

CATALOG NUMBER: GLAN-SA8A-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065089

CATALOG NUMBER: GLAN-SA8A-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°	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
0.0	2.5°	65.4	65.4	67.0	67.0	68.5	71.7	73.2	74.8	77.9	81.0
0.0	5°	51.4	53.0	53.0	54.5	56.1	57.6	59.2	60.8	63.9	67.0
0.0	7.5°	40.5	40.5	42.1	42.1	43.6	46.7	48.3	49.9	53.0	57.6
0.0	10°	31.2	31.2	32.7	32.7	34.3	37.4	38.9	40.5	43.6	48.3
0.0	12.5°	20.3	21.8	21.8	23.4	24.9	28.0	29.6	31.2	34.3	37.4
0.0	15°	9.3	10.9	10.9	12.5	14.0	17.1	18.7	20.3	23.4	28.0
0.0	17.5°	1.6	1.6	3.1	3.1	4.7	6.2	7.8	9.3	14.0	17.1
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	6.2
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
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



REPORT NUMBER: P1065089

CATALOG NUMBER: GLAN-SA8A-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065089

CATALOG NUMBER: GLAN-SA8A-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°	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
0.0	2.5°	85.7	88.8	91.9	95.0	98.1	101.3	102.8	105.9	107.5	109.0
0.0	5°	73.2	76.3	81.0	84.1	87.2	90.4	93.5	95.0	96.6	98.1
0.0	7.5°	63.9	67.0	71.7	74.8	77.9	81.0	84.1	87.2	88.8	90.4
0.0	10°	54.5	59.2	62.3	67.0	70.1	73.2	76.3	79.5	82.6	84.1
0.0	12.5°	43.6	48.3	53.0	56.1	60.8	65.4	68.5	71.7	74.8	77.9
0.0	15°	34.3	38.9	43.6	46.7	51.4	56.1	60.8	63.9	67.0	70.1
0.0	17.5°	24.9	29.6	34.3	37.4	42.1	46.7	49.9	54.5	57.6	60.8
0.0	20°	12.5	17.1	21.8	26.5	31.2	35.8	38.9	43.6	46.7	49.9
0.0	22.5°	1.6	6.2	10.9	14.0	18.7	23.4	26.5	31.2	34.3	37.4
0.0	25°	0.0	1.6	4.7	6.2	7.8	10.9	14.0	17.1	20.3	23.4
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.6	3.1	6.2	9.3	12.5
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
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	1.6
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.6	3.1
	85°	0.0	0.0	0.0	0.0	0.0	3.1	4.7	7.8	9.3	10.9
	87.5°	0.0	1.6	3.1	4.7	6.2	9.3	12.5	15.6	17.1	18.7
	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: P1065089

CATALOG NUMBER: GLAN-SA8A-950-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
90.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.7	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											
1.6											
6.2											
14.0											
20.3											
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REPORT NUMBER: P1065089

CATALOG NUMBER: GLAN-SA8A-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°	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
0.0	2.5°	110.6	110.6	110.6	110.6	109.0	109.0	109.0	107.5	107.5	105.9
0.0	5°	101.3	102.8	102.8	102.8	102.8	102.8	102.8	102.8	101.3	101.3
0.0	7.5°	93.5	95.0	96.6	96.6	98.1	98.1	98.1	96.6	96.6	95.0
0.0	10°	88.8	90.4	90.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9
0.0	12.5°	82.6	84.1	85.7	85.7	87.2	87.2	87.2	87.2	85.7	85.7
0.0	15°	74.8	77.9	79.5	81.0	81.0	82.6	82.6	82.6	82.6	82.6
0.0	17.5°	68.5	71.7	73.2	74.8	74.8	76.3	76.3	77.9	77.9	77.9
0.0	20°	56.1	59.2	60.8	63.9	65.4	67.0	68.5	70.1	70.1	71.7
0.0	22.5°	43.6	46.7	48.3	51.4	53.0	54.5	56.1	57.6	59.2	60.8
0.0	25°	31.2	34.3	35.8	38.9	40.5	42.1	43.6	45.2	45.2	46.7
0.0	27.5°	17.1	20.3	23.4	24.9	28.0	29.6	31.2	32.7	34.3	35.8
0.0	30°	7.8	9.3	10.9	14.0	15.6	17.1	18.7	21.8	23.4	24.9
0.0	32.5°	0.0	0.0	1.6	4.7	6.2	7.8	9.3	10.9	10.9	12.5
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.6	3.1	4.7	6.2
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°	3.1	3.1	3.1	4.7	4.7	4.7	4.7	4.7	4.7	4.7
	82.5°	7.8	9.3	10.9	10.9	12.5	12.5	12.5	12.5	10.9	10.9
	85°	15.6	17.1	18.7	18.7	20.3	20.3	20.3	20.3	20.3	20.3
	87.5°	21.8	23.4	24.9	24.9	26.5	26.5	26.5	26.5	26.5	26.5
	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: P1065089

CATALOG NUMBER: GLAN-SA8A-950-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
90.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	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											
4.7											
10.9											
20.3											
26.5											
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REPORT NUMBER: P1065089

CATALOG NUMBER: GLAN-SA8A-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°	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
0.0	2.5°	104.4	104.4	102.8	102.8	102.8	102.8	102.8	104.4	105.9	105.9
0.0	5°	99.7	99.7	98.1	98.1	98.1	99.7	99.7	101.3	102.8	104.4
0.0	7.5°	95.0	93.5	93.5	95.0	95.0	96.6	96.6	98.1	99.7	101.3
0.0	10°	91.9	90.4	90.4	90.4	91.9	91.9	93.5	95.0	96.6	98.1
0.0	12.5°	85.7	85.7	85.7	85.7	87.2	87.2	88.8	90.4	93.5	95.0
0.0	15°	82.6	81.0	81.0	81.0	81.0	82.6	82.6	85.7	88.8	90.4
0.0	17.5°	76.3	76.3	74.8	74.8	76.3	76.3	77.9	81.0	84.1	85.7
0.0	20°	70.1	68.5	67.0	67.0	68.5	68.5	70.1	73.2	76.3	77.9
0.0	22.5°	60.8	59.2	59.2	59.2	59.2	60.8	60.8	63.9	68.5	71.7
0.0	25°	48.3	49.9	49.9	51.4	51.4	53.0	54.5	57.6	62.3	65.4
0.0	27.5°	37.4	38.9	38.9	42.1	43.6	45.2	46.7	51.4	56.1	59.2
0.0	30°	28.0	29.6	31.2	32.7	35.8	38.9	42.1	46.7	51.4	54.5
0.0	32.5°	17.1	20.3	21.8	24.9	28.0	31.2	34.3	38.9	45.2	49.9
0.0	35°	12.5	14.0	17.1	18.7	21.8	24.9	28.0	34.3	38.9	45.2
0.0	37.5°	6.2	9.3	12.5	15.6	18.7	21.8	24.9	31.2	37.4	42.1
0.0	40°	4.7	7.8	9.3	12.5	17.1	20.3	23.4	29.6	35.8	42.1
0.0	42.5°	3.1	4.7	6.2	10.9	14.0	18.7	23.4	29.6	35.8	42.1
0.0	45°	3.1	3.1	4.7	9.3	14.0	20.3	24.9	31.2	35.8	42.1
0.0	47.5°	3.1	4.7	6.2	12.5	15.6	20.3	24.9	29.6	35.8	40.5
0.0	50°	4.7	6.2	7.8	14.0	17.1	21.8	24.9	31.2	35.8	42.1
0.0	52.5°	3.1	4.7	6.2	12.5	17.1	23.4	28.0	34.3	40.5	45.2
0.0	55°	1.6	1.6	1.6	9.3	18.7	26.5	35.8	40.5	46.7	51.4
0.0	57.5°	0.0	0.0	0.0	6.2	18.7	29.6	40.5	46.7	53.0	57.6
0.0	60°	0.0	0.0	0.0	6.2	18.7	29.6	40.5	48.3	56.1	63.9
0.0	62.5°	0.0	0.0	0.0	6.2	15.6	24.9	34.3	46.7	60.8	73.2
0.0	65°	0.0	0.0	0.0	4.7	12.5	20.3	28.0	46.7	65.4	82.6
0.0	67.5°	0.0	0.0	0.0	4.7	12.5	18.7	26.5	46.7	65.4	85.7
	70°	0.0	0.0	0.0	4.7	12.5	20.3	28.0	46.7	65.4	84.1
	72.5°	0.0	0.0	0.0	4.7	14.0	21.8	31.2	46.7	62.3	77.9
	75°	0.0	0.0	0.0	6.2	14.0	23.4	32.7	46.7	60.8	73.2
	77.5°	0.0	0.0	0.0	4.7	14.0	21.8	31.2	45.2	59.2	71.7
	80°	4.7	3.1	3.1	7.8	14.0	20.3	26.5	40.5	56.1	70.1
	82.5°	9.3	9.3	7.8	10.9	14.0	18.7	23.4	35.8	49.9	62.3
	85°	18.7	18.7	17.1	18.7	18.7	20.3	21.8	28.0	34.3	40.5
	87.5°	24.9	24.9	23.4	23.4	23.4	21.8	21.8	21.8	21.8	20.3
	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-SA8A-950-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
90.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.8											
93.5											
87.2											
85.7											
84.1											
74.8											
46.7											
20.3											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1065089

CATALOG NUMBER: GLAN-SA8A-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°	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
0.0	2.5°	109.0	110.6	110.6	112.2	113.7	115.3	115.3	116.8	116.8	116.8
0.0	5°	107.5	110.6	112.2	113.7	115.3	116.8	118.4	120.0	121.5	121.5
0.0	7.5°	105.9	107.5	110.6	112.2	115.3	116.8	120.0	121.5	123.1	124.6
0.0	10°	102.8	105.9	109.0	112.2	115.3	118.4	121.5	124.6	127.7	129.3
0.0	12.5°	99.7	104.4	107.5	110.6	115.3	120.0	123.1	127.7	130.9	134.0
0.0	15°	98.1	101.3	105.9	109.0	115.3	121.5	126.2	132.4	138.6	143.3
0.0	17.5°	93.5	99.7	104.4	109.0	115.3	123.1	129.3	135.5	144.9	154.2
0.0	20°	87.2	91.9	98.1	102.8	112.2	120.0	129.3	137.1	151.1	165.1
0.0	22.5°	81.0	87.2	91.9	98.1	109.0	118.4	129.3	138.6	162.0	183.8
0.0	25°	74.8	82.6	88.8	95.0	107.5	120.0	132.4	144.9	183.8	222.8
0.0	27.5°	71.7	77.9	85.7	91.9	107.5	124.6	140.2	155.8	218.1	278.9
0.0	30°	67.0	74.8	81.0	88.8	109.0	129.3	149.6	169.8	264.8	359.9
0.0	32.5°	62.3	70.1	77.9	85.7	112.2	138.6	163.6	190.1	314.7	437.8
0.0	35°	57.6	67.0	74.8	82.6	116.8	152.7	186.9	221.2	359.9	497.0
0.0	37.5°	56.1	65.4	73.2	81.0	118.4	154.2	191.6	227.4	364.5	501.6
0.0	40°	57.6	65.4	74.8	82.6	113.7	144.9	174.5	205.6	349.0	490.7
0.0	42.5°	57.6	67.0	76.3	85.7	110.6	135.5	160.5	185.4	344.3	503.2
0.0	45°	56.1	65.4	74.8	84.1	107.5	129.3	152.7	174.5	372.3	568.6
0.0	47.5°	54.5	63.9	73.2	82.6	105.9	129.3	152.7	176.0	481.4	785.2
0.0	50°	54.5	63.9	71.7	79.5	107.5	137.1	165.1	193.2	701.0	1207.3
0.0	52.5°	57.6	65.4	71.7	77.9	110.6	144.9	177.6	210.3	891.1	1570.3
0.0	55°	62.3	67.0	73.2	77.9	118.4	157.3	197.8	236.8	948.7	1660.7
0.0	57.5°	68.5	73.2	77.9	82.6	132.4	182.3	230.6	280.4	953.4	1624.8
0.0	60°	76.3	82.6	87.2	91.9	144.9	199.4	252.4	305.3	863.0	1419.2
0.0	62.5°	93.5	101.3	107.5	115.3	166.7	216.5	267.9	317.8	716.6	1115.4
0.0	65°	107.5	113.7	120.0	126.2	176.0	227.4	277.3	327.1	607.6	888.0
0.0	67.5°	110.6	116.8	121.5	127.7	179.2	230.6	280.4	331.8	520.3	707.3
	70°	112.2	120.0	129.3	137.1	190.1	243.0	294.4	347.4	461.1	574.8
	72.5°	107.5	123.1	137.1	151.1	201.0	249.3	299.1	347.4	428.4	509.4
	75°	107.5	129.3	149.6	169.8	207.2	243.0	280.4	316.2	378.6	440.9
	77.5°	113.7	141.8	169.8	197.8	219.7	239.9	261.7	282.0	322.5	363.0
	80°	113.7	143.3	171.4	201.0	210.3	221.2	230.6	239.9	244.6	249.3
	82.5°	98.1	121.5	144.9	168.2	157.3	146.4	135.5	124.6	116.8	107.5
	85°	49.9	54.5	57.6	60.8	56.1	51.4	46.7	42.1	38.9	34.3
	87.5°	20.3	20.3	18.7	18.7	18.7	18.7	17.1	17.1	17.1	17.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1065089

CATALOG NUMBER: GLAN-SA8A-950-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
90.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
191.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
244.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
331.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
461.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
624.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
780.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
886.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
965.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1045.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1201.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1512.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2305.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3531.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4446.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4547.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4103.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3508.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2741.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2071.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1529.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1082.7											
805.4											
585.7											
440.9											
247.7											
112.2											
32.7											
15.6											
0.0											
0.0											
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REPORT NUMBER: P1065089

CATALOG NUMBER: GLAN-SA8A-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°	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
0.0	2.5°	116.8	115.3	115.3	113.7	112.2	110.6	109.0	107.5	105.9	104.4
0.0	5°	121.5	121.5	121.5	120.0	120.0	118.4	118.4	116.8	115.3	113.7
0.0	7.5°	126.2	127.7	127.7	129.3	129.3	129.3	129.3	127.7	127.7	127.7
0.0	10°	134.0	135.5	137.1	138.6	140.2	141.8	141.8	143.3	143.3	143.3
0.0	12.5°	143.3	148.0	151.1	155.8	158.9	163.6	166.7	171.4	174.5	177.6
0.0	15°	157.3	165.1	174.5	182.3	190.1	201.0	213.4	224.3	235.2	252.4
0.0	17.5°	177.6	202.5	227.4	250.8	275.7	330.3	384.8	437.8	492.3	571.7
0.0	20°	216.5	291.3	364.5	439.3	512.5	704.1	894.2	1085.8	1275.9	1480.0
0.0	22.5°	303.8	487.6	671.4	855.3	1039.1	1439.4	1838.3	2238.6	2637.4	3106.3
0.0	25°	440.9	778.9	1117.0	1453.5	1791.5	2417.8	3045.6	3671.8	4298.1	4907.2
0.0	27.5°	641.8	1159.0	1676.2	2191.9	2709.1	3558.1	4408.7	5257.7	6106.8	6795.3
0.0	30°	889.5	1590.6	2291.6	2992.6	3693.7	4659.5	5625.4	6589.7	7555.5	8308.0
0.0	32.5°	1123.2	1981.6	2840.0	3696.8	4555.1	5655.0	6756.4	7856.2	8956.1	9778.6
0.0	35°	1275.9	2313.4	3352.5	4390.0	5427.5	6617.7	7807.9	8996.6	10186.8	11126.1
0.0	37.5°	1428.5	2626.5	3823.0	5020.9	6217.4	7524.4	8831.4	10138.5	11445.5	12606.1
0.0	40°	1599.9	3005.1	4408.7	5813.9	7217.5	8766.0	10312.9	11861.4	13408.4	15045.7
0.0	42.5°	1897.5	3632.9	5369.9	7105.3	8840.8	10889.3	12937.9	14984.9	17033.5	19370.2
0.0	45°	2456.7	4902.5	7349.9	9795.7	12241.5	14955.3	17670.6	20384.4	23098.2	26207.6
0.0	47.5°	3826.1	7191.0	10554.4	13919.3	17282.7	20213.0	23141.8	26072.1	29000.8	32097.8
0.0	50°	5854.4	9770.8	13687.2	17602.1	21518.5	24170.0	26819.9	29471.3	32121.2	35067.1
0.0	52.5°	7321.9	11401.9	15483.4	19563.4	23643.4	26036.3	28430.7	30823.5	33216.4	35969.1
0.0	55°	7432.5	11489.1	15547.3	19603.9	23660.6	26064.3	28468.1	30871.8	33275.6	36193.4
0.0	57.5°	6580.3	10604.3	14626.6	18650.5	22672.9	25410.0	28145.6	30882.7	33618.3	36772.9
0.0	60°	5597.3	9622.8	13646.7	17672.2	21696.1	24849.2	28003.8	31156.9	34310.0	37265.2
0.0	62.5°	4366.6	8507.4	12649.7	16790.5	20931.2	24132.6	27334.0	30533.8	33735.1	35952.0
0.0	65°	3254.3	7275.1	11295.9	15315.2	19336.0	21900.2	24464.4	27027.1	29591.3	30963.7
0.0	67.5°	2352.3	5820.1	9286.3	12754.1	16220.3	18055.4	19890.6	21724.2	23559.3	24609.3
	70°	1590.6	3992.8	6393.4	8795.6	11196.2	12704.2	14213.8	15721.8	17229.8	18647.4
	72.5°	1101.4	2450.5	3801.1	5150.2	6499.3	8016.7	9532.5	11049.8	12565.6	14065.8
	75°	730.6	1344.4	1959.8	2573.6	3187.4	4310.6	5435.3	6558.5	7681.7	8575.9
	77.5°	518.8	702.6	888.0	1071.8	1255.6	1465.9	1677.8	1888.1	2098.4	2417.8
	80°	246.1	269.5	292.9	314.7	338.1	414.4	490.7	567.1	643.4	724.4
	82.5°	116.8	126.2	135.5	143.3	152.7	160.5	168.2	176.0	183.8	176.0
	85°	31.2	31.2	32.7	32.7	32.7	32.7	32.7	32.7	32.7	31.2
	87.5°	14.0	14.0	14.0	14.0	14.0	14.0	14.0	12.5	12.5	10.9
	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°
90.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
271.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
649.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1685.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3575.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5516.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7483.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9062.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10602.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12065.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13768.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16683.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21707.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29317.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35194.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38013.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38721.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39112.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39927.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40218.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38170.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32337.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25660.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20063.5											
15566.0											
9470.1											
2737.1											
805.4											
166.7											
29.6											
10.9											
0.0											
0.0											
0.0											
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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°	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
0.0	2.5°	101.3	99.7	98.1	96.6	95.0	91.9	91.9	90.4	90.4
0.0	5°	110.6	109.0	107.5	105.9	105.9	104.4	102.8	102.8	101.3
0.0	7.5°	126.2	124.6	123.1	121.5	121.5	120.0	120.0	118.4	118.4
0.0	10°	144.9	144.9	144.9	144.9	144.9	143.3	143.3	143.3	141.8
0.0	12.5°	182.3	183.8	186.9	190.1	194.7	194.7	194.7	193.2	193.2
0.0	15°	288.2	305.3	317.8	330.3	341.2	366.1	363.0	358.3	355.2
0.0	17.5°	729.1	807.0	849.0	889.5	931.6	1046.9	1028.2	1009.5	992.3
0.0	20°	1889.7	2093.7	2229.3	2364.8	2501.9	2718.4	2665.5	2612.5	2559.5
0.0	22.5°	4042.6	4511.5	4715.6	4919.7	5122.2	5383.9	5214.1	5044.3	4876.1
0.0	25°	6123.9	6733.0	7077.3	7421.6	7764.3	7913.9	7692.6	7469.9	7248.7
0.0	27.5°	8172.5	8861.0	9164.8	9467.0	9770.8	10083.9	9809.8	9534.0	9259.8
0.0	30°	9814.4	10566.9	10895.6	11222.7	11551.4	11769.5	11486.0	11200.9	10917.4
0.0	32.5°	11425.2	12247.8	12607.6	12967.5	13325.8	13638.9	13290.0	12939.5	12590.5
0.0	35°	13003.3	13942.7	14438.1	14933.5	15428.9	15720.2	15305.8	14889.9	14475.5
0.0	37.5°	14928.8	16089.4	16644.0	17198.6	17753.2	18284.4	17828.0	17370.0	16913.5
0.0	40°	18320.3	19957.6	20808.1	21660.3	22510.9	23196.3	22619.9	22043.5	21467.1
0.0	42.5°	24043.8	26380.6	27603.5	28824.8	30047.7	31118.0	30512.0	29906.0	29300.0
0.0	45°	32426.5	35536.0	37026.9	38516.2	40007.0	40789.1	39916.7	39042.7	38170.3
0.0	47.5°	38290.3	41387.3	42714.6	44041.8	45369.1	46261.8	45194.6	44127.5	43062.0
0.0	50°	40957.3	43903.2	45235.2	46565.6	47897.5	48606.3	47374.1	46140.3	44908.0
0.0	52.5°	41473.0	44225.7	45814.7	47405.2	48994.2	49941.4	48486.4	47029.8	45574.8
0.0	55°	42030.7	44948.5	46791.4	48635.9	50478.9	51790.6	50145.5	48498.8	46853.8
0.0	57.5°	43080.7	46235.3	48073.5	49910.2	51748.5	52862.4	51212.6	49561.3	47911.5
0.0	60°	43174.1	46127.8	47707.5	49288.7	50868.3	51569.4	49991.3	48411.6	46833.5
0.0	62.5°	40387.1	42604.0	43700.7	44797.4	45894.1	46655.9	45009.3	43361.1	41714.4
0.0	65°	33710.2	35082.7	35956.6	36830.6	37704.5	38612.8	37104.8	35596.8	34088.8
0.0	67.5°	26710.8	27760.8	28912.1	30063.3	31214.5	32185.1	30977.8	29768.9	28561.5
	70°	21481.1	22897.2	24191.8	25486.3	26780.9	27575.4	26363.4	25149.9	23937.9
	72.5°	17066.2	18566.4	19647.5	20727.1	21808.3	22003.0	21111.9	20220.8	19331.3
	75°	10362.8	11257.0	11278.8	11299.1	11320.9	11506.2	10767.8	10029.4	9292.5
	77.5°	3056.5	3375.9	3639.1	3900.8	4164.1	4481.9	4210.9	3938.2	3667.2
	80°	884.9	965.9	1034.4	1101.4	1169.9	1129.4	1065.6	1001.7	937.8
	82.5°	158.9	149.6	148.0	146.4	146.4	138.6	126.2	113.7	101.3
	85°	28.0	26.5	24.9	23.4	21.8	20.3	17.1	15.6	12.5
	87.5°	9.3	7.8	6.2	4.7	4.7	1.6	1.6	1.6	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]

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CATALOG NUMBER: GLAN-SA8A-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°	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
0.0	0.0	2.5°	88.8	87.2	87.2	87.2	87.2	85.7	85.7	85.7	85.7
0.0	0.0	5°	98.1	98.1	96.6	96.6	95.0	95.0	93.5	93.5	91.9
0.0	0.0	7.5°	115.3	113.7	112.2	110.6	109.0	105.9	104.4	102.8	102.8
0.0	0.0	10°	138.6	135.5	134.0	130.9	129.3	126.2	123.1	120.0	116.8
0.0	0.0	12.5°	182.3	176.0	171.4	165.1	158.9	154.2	148.0	143.3	137.1
0.0	0.0	15°	316.2	300.7	283.5	263.3	241.5	221.2	199.4	186.9	172.9
0.0	0.0	17.5°	808.5	727.5	644.9	578.0	511.0	445.5	378.6	330.3	282.0
0.0	0.0	20°	2057.9	1833.6	1609.3	1388.0	1165.3	944.1	721.3	609.1	497.0
0.0	0.0	22.5°	3872.8	3456.9	3039.4	2635.9	2230.8	1827.4	1423.9	1169.9	917.6
0.0	0.0	25°	5977.5	5454.0	4930.6	4266.9	3601.7	2938.1	2274.5	1861.6	1448.8
0.0	0.0	27.5°	7778.3	7175.4	6572.5	5765.6	4958.6	4151.7	3344.7	2729.3	2115.6
0.0	0.0	30°	9337.7	8689.7	8041.6	7102.2	6162.8	5223.5	4284.1	3514.5	2744.9
0.0	0.0	32.5°	10689.9	9914.1	9138.3	8169.3	7200.4	6231.4	5262.4	4318.3	3374.3
0.0	0.0	35°	12249.3	11344.2	10437.6	9362.7	8286.2	7211.3	6136.4	5070.8	4003.7
0.0	0.0	37.5°	14230.9	13120.2	12007.9	10809.9	9611.9	8415.5	7217.5	5999.3	4781.0
0.0	0.0	40°	18024.3	16591.1	15157.8	13635.8	12112.2	10590.2	9068.2	7572.7	6077.2
0.0	0.0	42.5°	24821.1	22884.7	20948.3	18923.1	16896.4	14871.2	12844.4	10735.1	8624.2
0.0	0.0	45°	32492.0	30089.8	27686.0	25413.1	23138.7	20865.8	18592.9	15698.4	12803.9
0.0	0.0	47.5°	36805.7	34211.8	31618.0	29466.6	27315.3	25163.9	23012.5	19892.1	16771.8
0.0	0.0	50°	38393.1	35752.5	33112.0	31132.0	29150.4	27170.4	25188.8	22063.8	18937.2
0.0	0.0	52.5°	38731.1	36037.6	33344.1	31351.6	29359.2	27368.2	25375.7	22271.0	19166.2
0.0	0.0	55°	39425.9	36536.1	33644.8	31373.4	29102.1	26830.8	24559.4	21404.8	18250.2
0.0	0.0	57.5°	40334.2	37371.2	34408.1	31820.5	29233.0	26646.9	24059.4	20610.3	17161.2
0.0	0.0	60°	40095.8	37517.6	34937.8	32166.4	29393.4	26622.0	23849.1	20055.7	16260.8
0.0	0.0	62.5°	35958.2	33904.9	31850.1	29571.0	27290.3	25011.2	22732.1	18826.6	14921.0
0.0	0.0	65°	29581.9	28083.3	26584.6	24751.0	22915.9	21082.3	19248.7	15746.7	12246.2
0.0	0.0	67.5°	23975.2	22286.5	20596.3	19135.0	17672.2	16210.9	14748.1	11992.3	9236.5
		70°	19047.8	17211.1	15372.8	13945.8	12517.3	11090.3	9663.3	7831.3	6000.8
		72.5°	15126.7	13470.7	11814.7	10292.7	8769.1	7247.1	5723.5	4640.8	3558.1
		75°	7230.0	6567.9	5905.8	5109.7	4313.7	3517.6	2721.6	2249.5	1779.1
		77.5°	2679.5	2322.7	1964.4	1640.4	1316.4	993.9	669.9	613.8	557.7
		80°	693.2	604.4	514.1	450.2	384.8	320.9	257.0	232.1	208.8
		82.5°	79.5	73.2	68.5	65.4	60.8	57.6	53.0	48.3	43.6
		85°	4.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1065089

CATALOG NUMBER: GLAN-SA8A-950-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	90.4	90.4
0.0	0.0	2.5°	84.1	82.6
0.0	0.0	5°	88.8	87.2
0.0	0.0	7.5°	98.1	95.0
0.0	0.0	10°	107.5	104.4
0.0	0.0	12.5°	121.5	116.8
0.0	0.0	15°	137.1	127.7
0.0	0.0	17.5°	163.6	143.3
0.0	0.0	20°	221.2	169.8
0.0	0.0	22.5°	311.6	211.9
0.0	0.0	25°	458.0	292.9
0.0	0.0	27.5°	637.2	389.5
0.0	0.0	30°	847.5	487.6
0.0	0.0	32.5°	1032.9	581.1
0.0	0.0	35°	1274.3	676.1
0.0	0.0	37.5°	1571.9	797.6
0.0	0.0	40°	2033.0	981.4
0.0	0.0	42.5°	2863.3	1321.1
0.0	0.0	45°	4650.2	2283.8
0.0	0.0	47.5°	7155.2	3777.8
0.0	0.0	50°	8753.5	4821.5
0.0	0.0	52.5°	8884.4	4813.7
0.0	0.0	55°	8110.1	4279.4
0.0	0.0	57.5°	6919.9	3576.8
0.0	0.0	60°	5751.6	2829.0
0.0	0.0	62.5°	4531.8	1953.5
0.0	0.0	65°	3312.0	1381.8
0.0	0.0	67.5°	2378.8	1032.9
		70°	1564.1	791.4
		72.5°	1018.8	644.9
		75°	685.5	534.3
		77.5°	400.4	355.2
		80°	141.8	124.6
		82.5°	26.5	18.7
		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: P1065089

CATALOG NUMBER: GLAN-SA8A-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

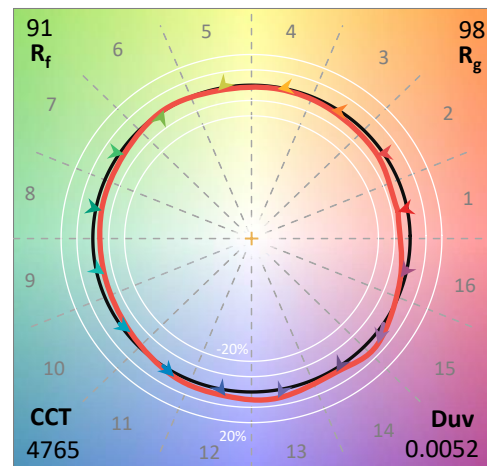
Test Information

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

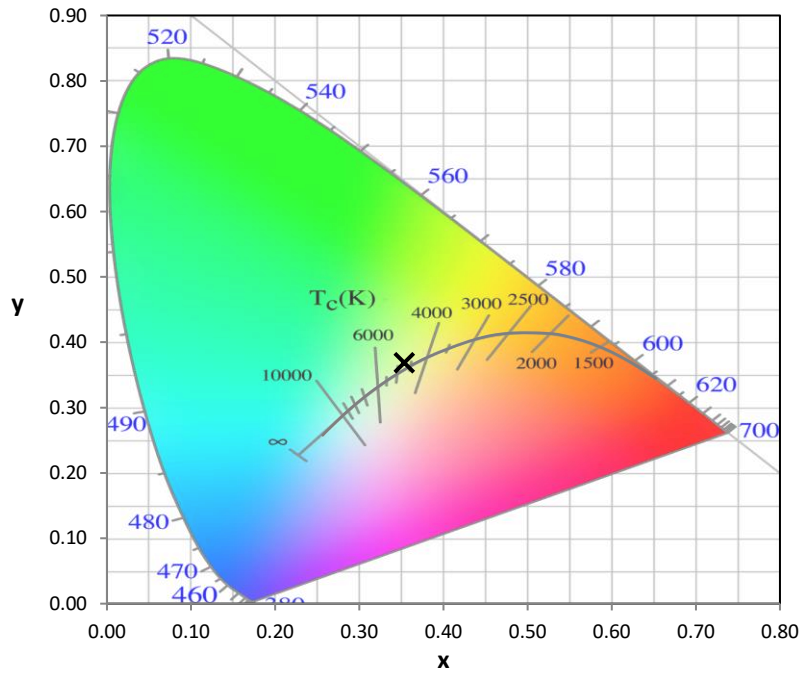
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-17

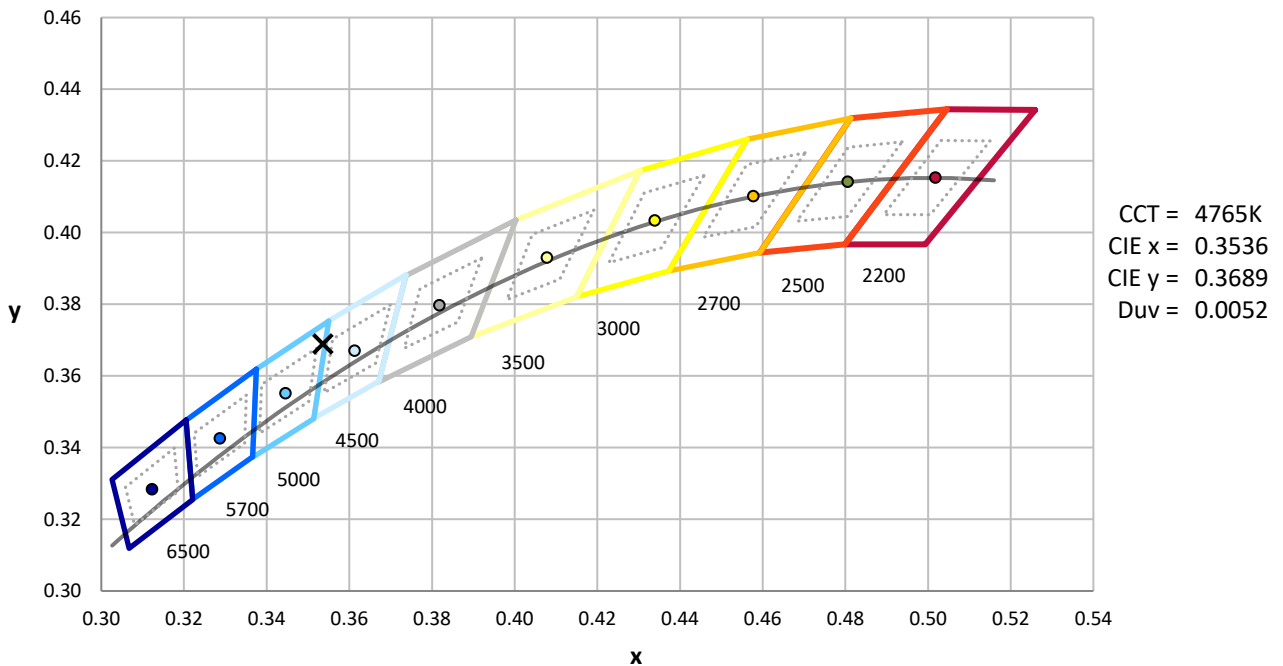
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



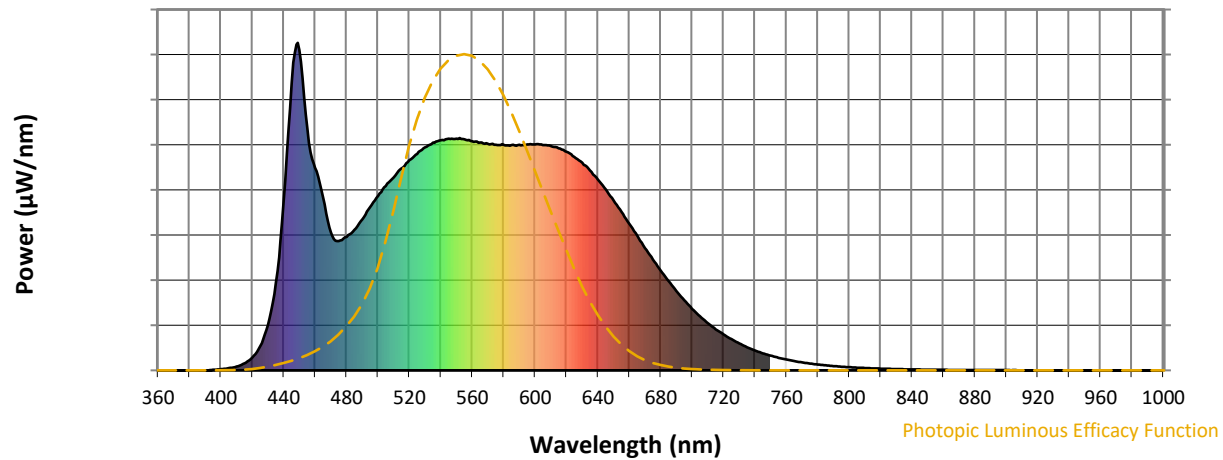
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-17

Photopic Flux vs. Wavelength

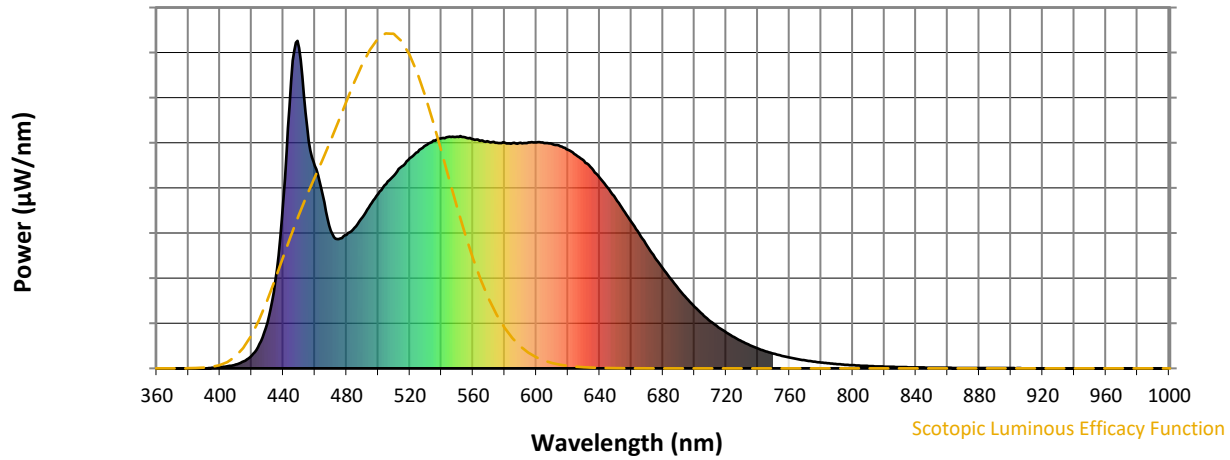


Photopic Lumens: NR

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



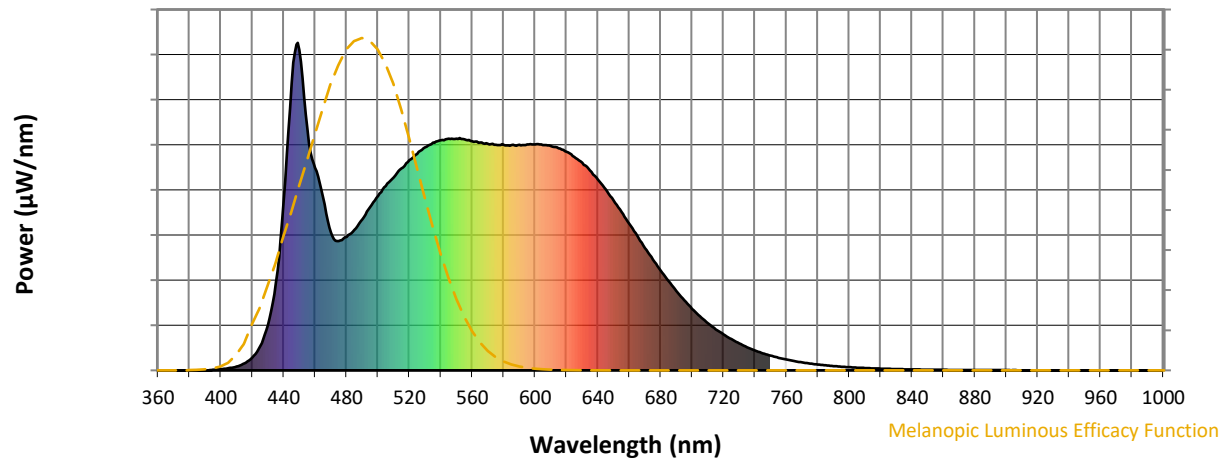
Scotopic Lumens: NR

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

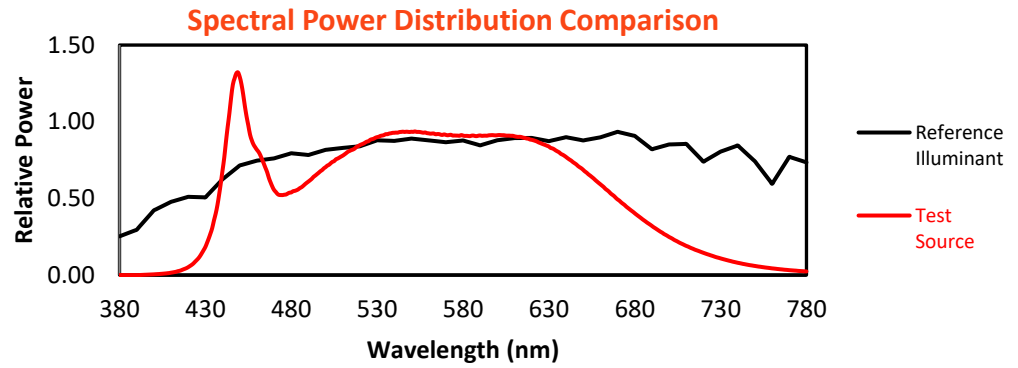
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	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

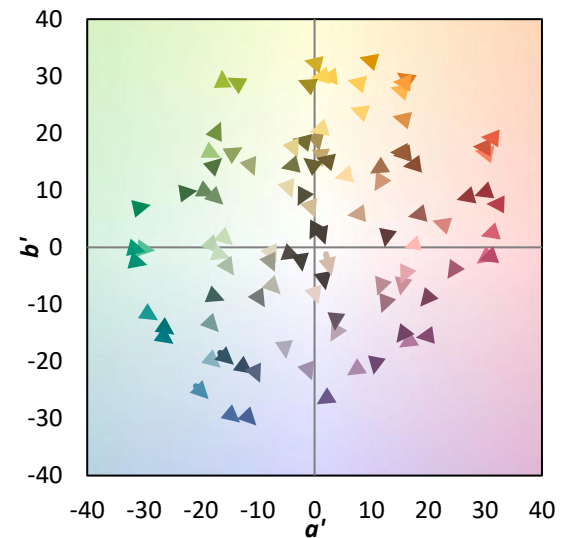
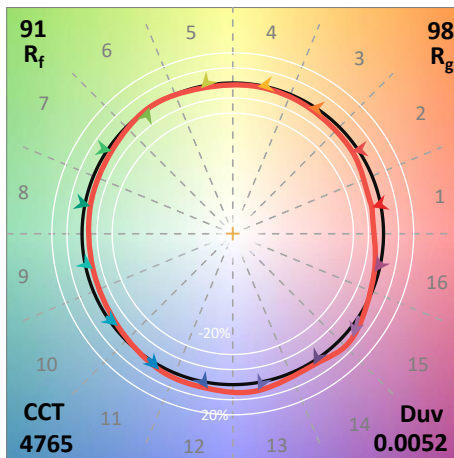
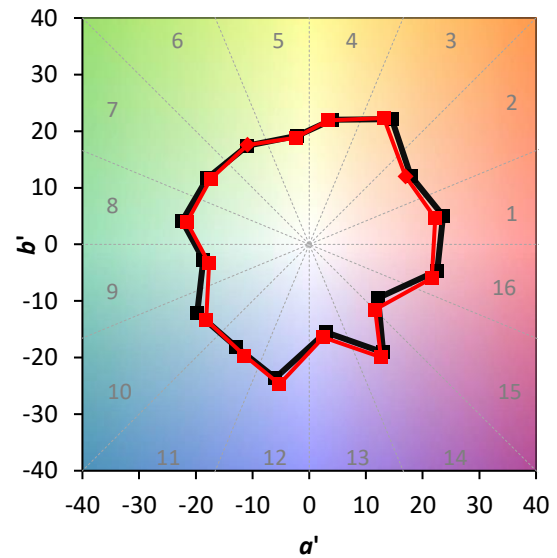
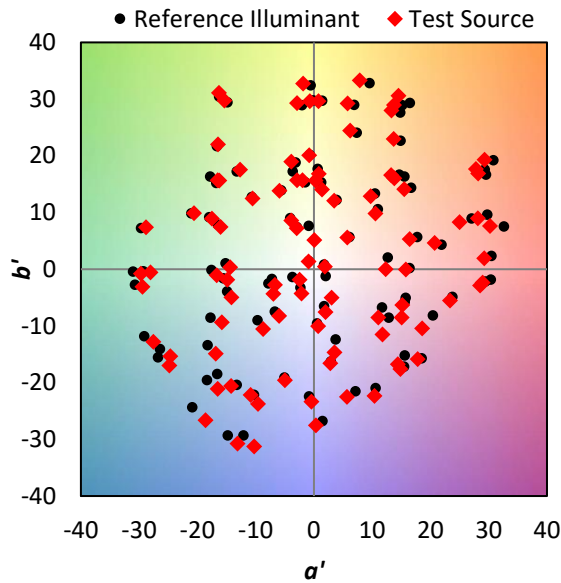
TM-30-18

Summary

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

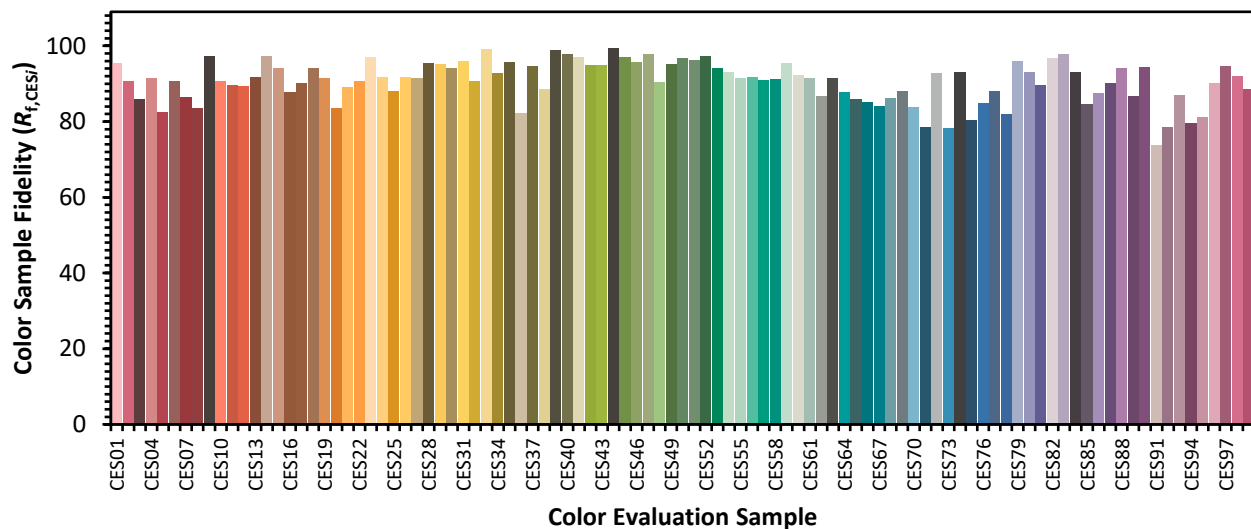


Color Vector Graphics

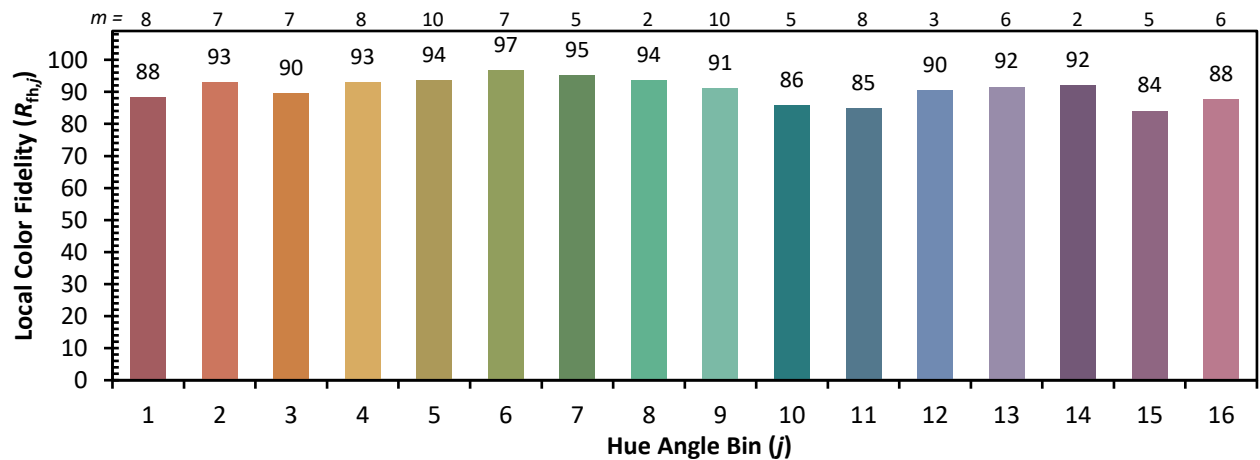
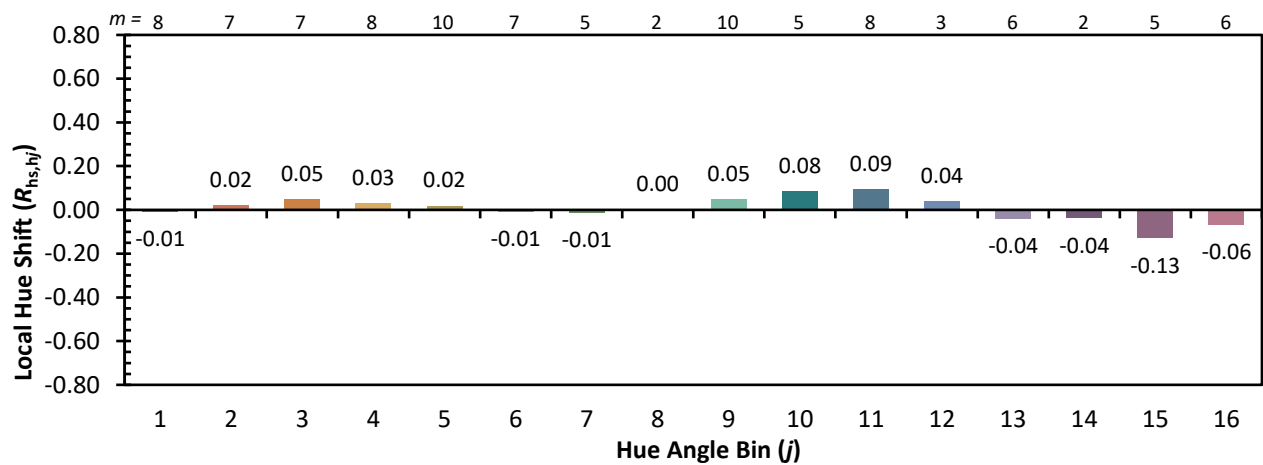
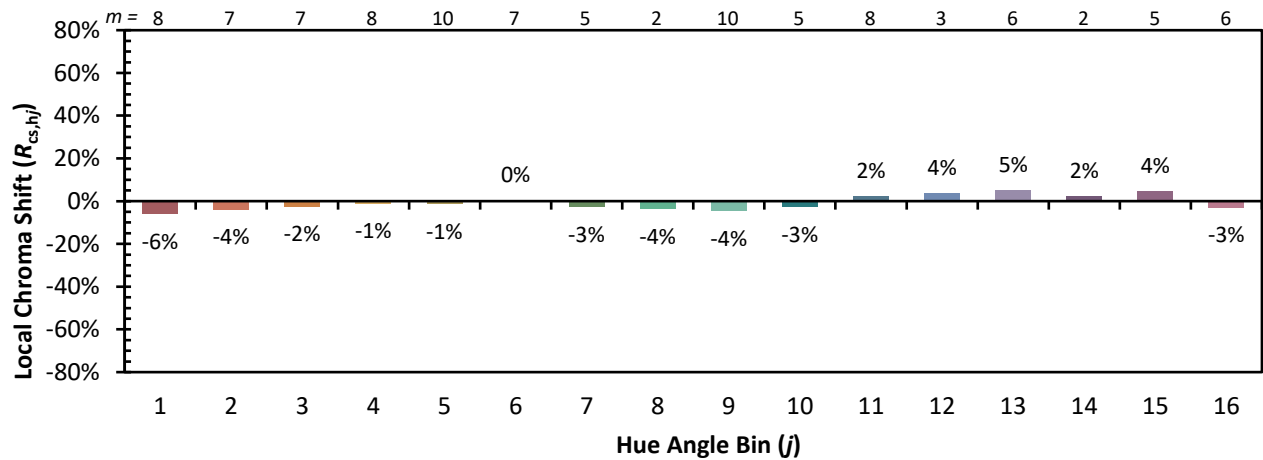


Individual Sample Fidelity Index ($R_{f,i}$)

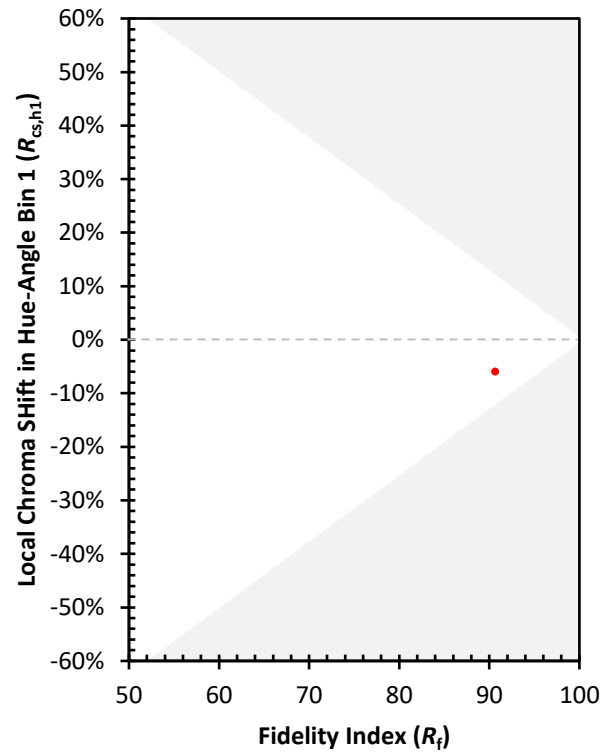
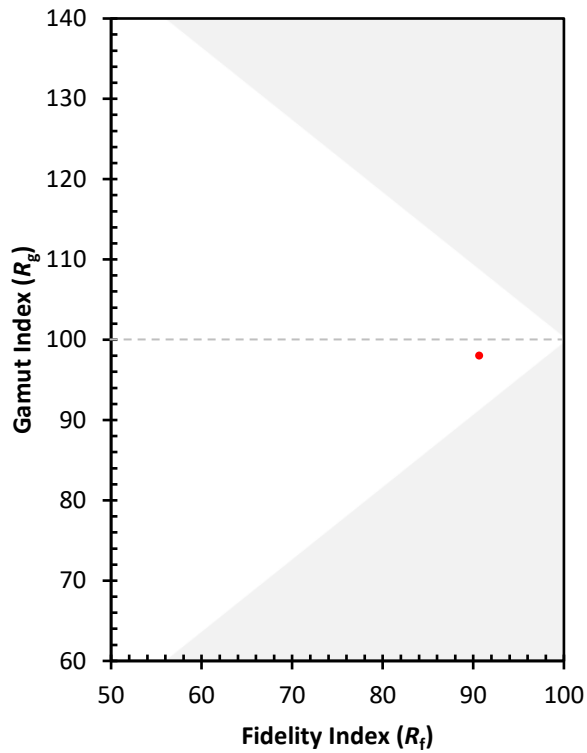
CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82 = 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)