

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: P1065082

Luminaire Tested: **GLAN-SA6B-950-U-RBC**

Issue Date: 08/07/2025



Test Information

Test Method: LM-79-08
Report Number: P1065082
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA6B-950-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 6xLight Square PACKAGE
90CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (84) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19249 lumens
Efficiency: N/A
Efficacy: 90.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

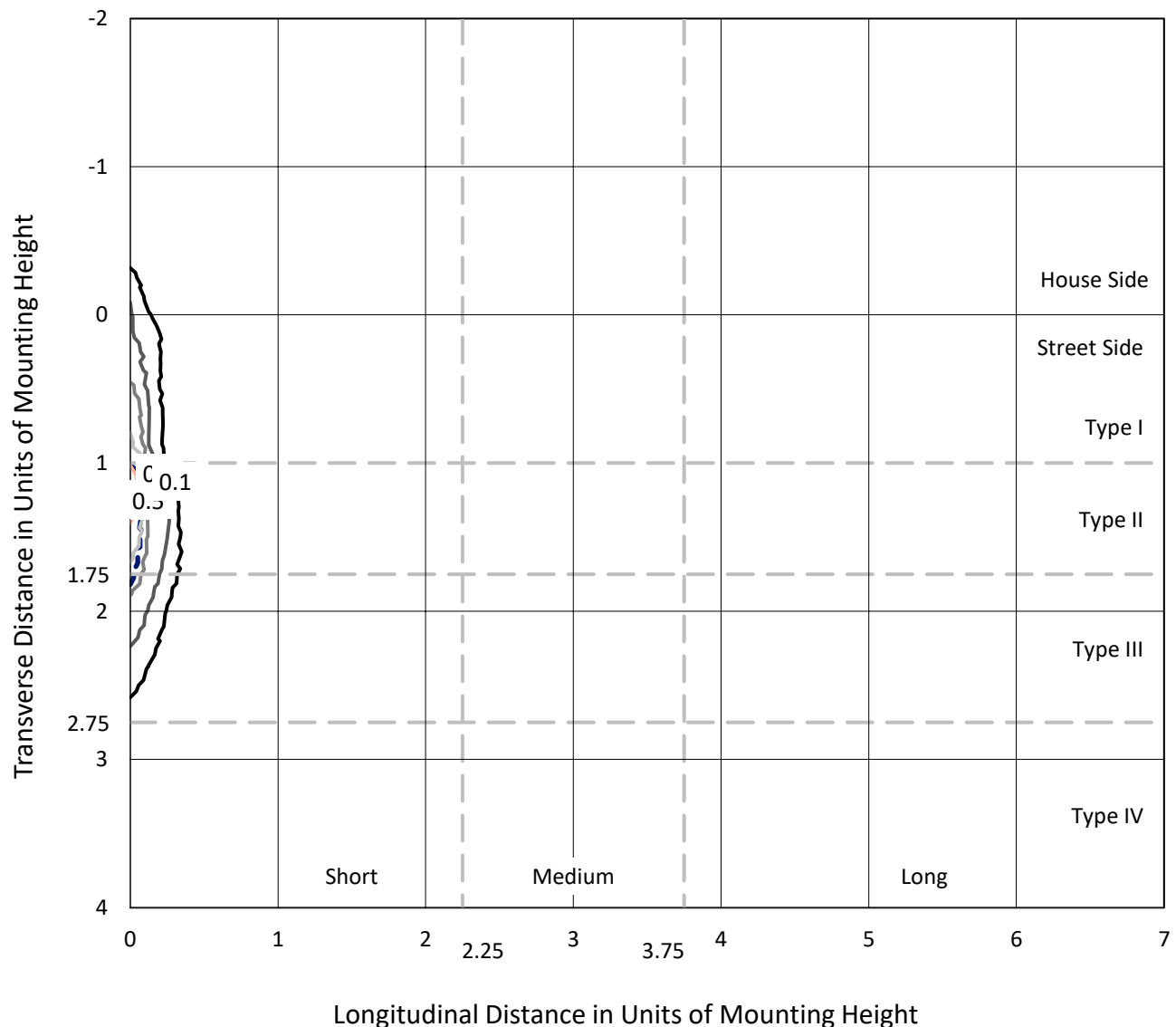
Input Watts (W): 213.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

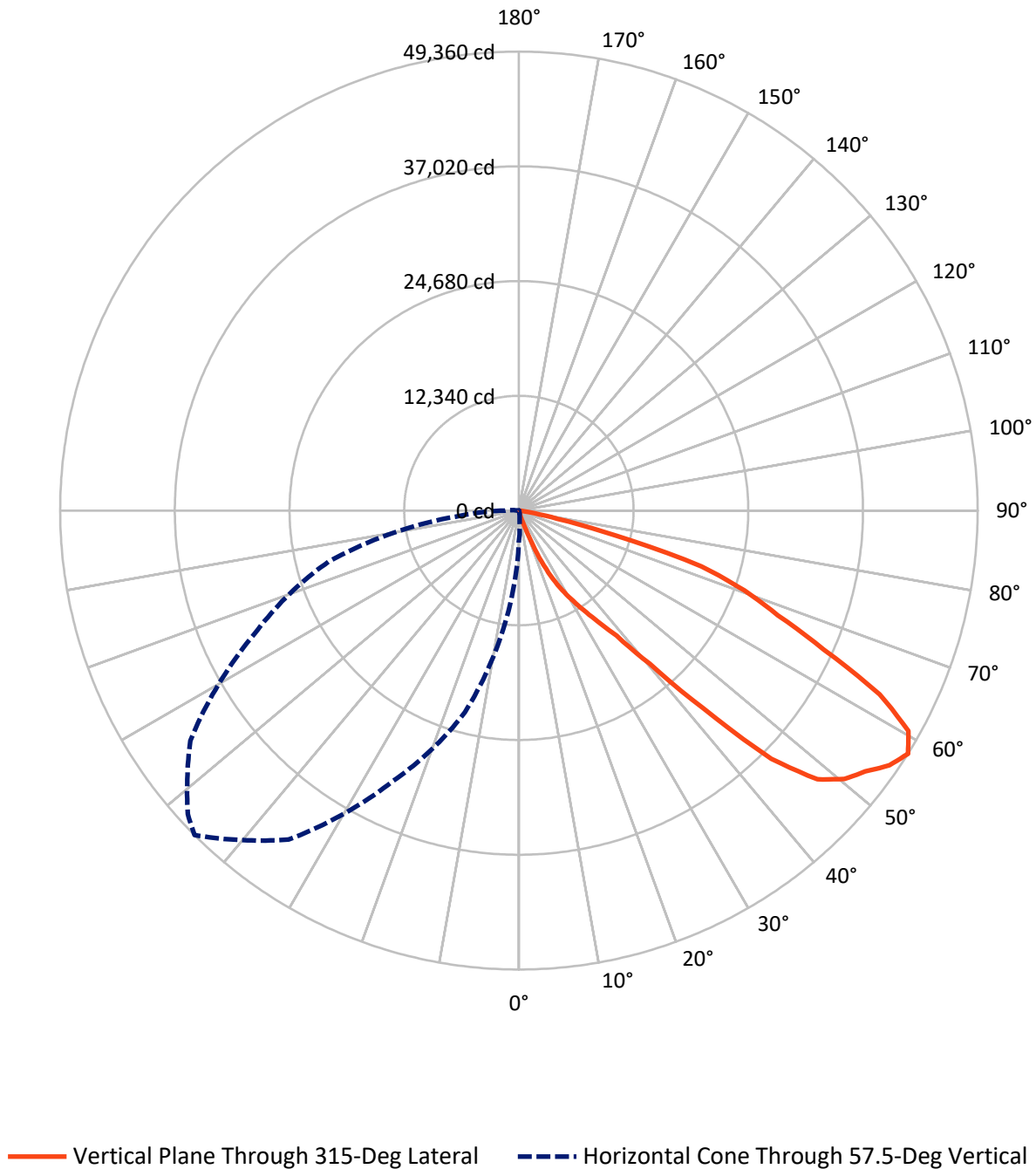
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 2.8 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	96.4	0.0	96.4
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	19152.6	0.0	19152.6
	% Fixture	99.5	0.0	99.5
Total	Lumens	19249.0	0.0	19249.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.5	0.0
10°-20°	42.3	0.2
20°-30°	456.2	2.4
30°-40°	1349.0	7.0
40°-50°	4020.4	20.9
50°-60°	6374.8	33.1
60°-70°	5321.4	27.6
70°-80°	1640.9	8.5
80°-90°	36.5	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°	19249.0	100.0
0°-180°	19249.0	100.0



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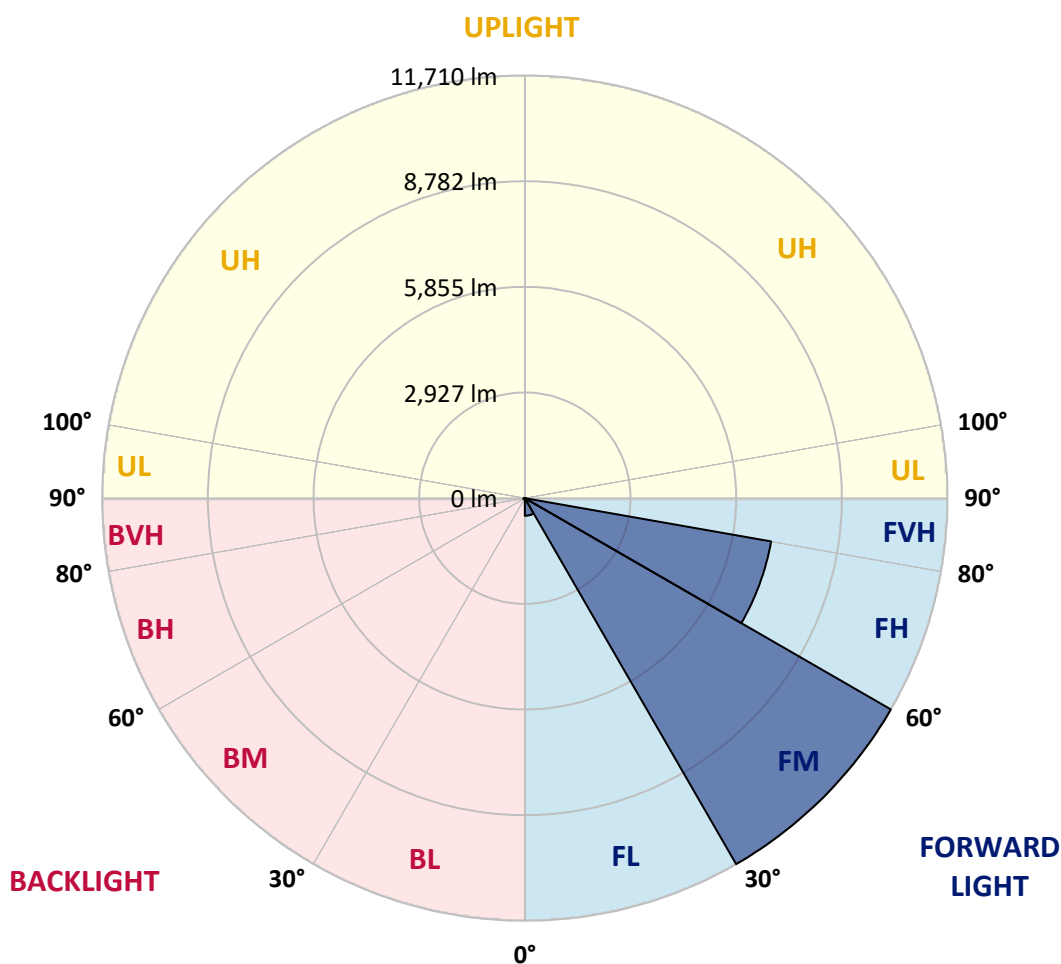
CATALOG NUMBER: GLAN-SA6B-950-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	488.3	2.5			
FM	(30°-60°)	11709.7	60.8			
FH	(60°-80°)	6926.4	36.0			G3/7500
FVH	(80°-90°)	28.2	0.1			G1/100
BL	(0°-30°)	17.7	0.1	B0/110		
BM	(30°-60°)	34.5	0.2	B0/220		
BH	(60°-80°)	36.0	0.2	B0/110		G0/110
BVH	(80°-90°)	8.3	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°	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
2.5°	77.1	77.1	77.1	77.1	75.6	75.6	74.2	74.2	72.7	72.7
5°	81.5	81.5	80.0	78.6	78.6	77.1	75.6	74.2	74.2	72.7
7.5°	88.7	87.3	85.8	84.4	81.5	80.0	77.1	75.6	74.2	71.3
10°	97.5	94.6	91.6	88.7	85.8	82.9	80.0	78.6	75.6	74.2
12.5°	109.1	104.7	98.9	94.6	91.6	87.3	84.4	81.5	77.1	74.2
15°	119.3	113.5	106.2	100.4	96.0	90.2	85.8	81.5	78.6	74.2
17.5°	133.8	123.6	112.0	104.7	98.9	91.6	84.4	80.0	75.6	69.8
20°	158.6	138.2	116.4	107.6	98.9	90.2	81.5	75.6	71.3	65.5
22.5°	197.8	162.9	128.0	114.9	103.3	90.2	78.6	72.7	66.9	61.1
25°	273.5	210.9	148.4	130.9	113.5	96.0	78.6	71.3	65.5	58.2
27.5°	363.7	270.6	176.0	151.3	128.0	103.3	78.6	69.8	62.5	53.8
30°	455.3	331.7	206.6	174.6	142.6	110.6	78.6	68.4	59.6	49.5
32.5°	542.6	388.4	232.7	194.9	157.1	117.8	80.0	68.4	56.7	45.1
35°	631.3	434.9	237.1	197.8	158.6	117.8	78.6	65.5	53.8	40.7
37.5°	744.8	487.3	228.4	189.1	151.3	112.0	74.2	62.5	50.9	37.8
40°	916.4	574.6	232.7	192.0	151.3	110.6	69.8	58.2	48.0	36.4
42.5°	1233.5	743.3	251.7	205.1	158.6	110.6	64.0	53.8	45.1	34.9
45°	2132.5	1235.0	337.5	267.7	197.8	128.0	58.2	49.5	42.2	33.5
47.5°	3527.5	2067.0	606.6	468.4	331.7	193.5	56.7	49.5	42.2	33.5
50°	4502.1	2632.9	763.7	587.7	411.7	235.7	59.6	50.9	43.6	34.9
52.5°	4494.8	2673.6	851.0	653.1	456.8	258.9	62.5	53.8	46.5	37.8
55°	3995.9	2432.1	867.0	666.2	466.9	266.2	66.9	58.2	49.5	40.7
57.5°	3339.8	2065.6	791.3	612.4	434.9	256.0	77.1	66.9	58.2	48.0
60°	2641.6	1629.2	616.8	487.3	359.3	229.8	101.8	88.7	77.1	64.0
62.5°	1824.1	1181.2	538.2	432.0	327.3	221.1	116.4	103.3	91.6	78.6
65°	1290.3	888.8	485.8	395.7	306.9	216.7	126.6	112.0	98.9	84.4
67.5°	964.4	707.0	448.0	370.9	293.8	216.7	139.6	122.2	106.2	88.7
70°	739.0	580.4	420.4	357.8	296.7	234.2	171.6	146.9	123.6	98.9
72.5°	602.2	496.0	388.4	343.3	298.2	253.1	208.0	176.0	144.0	110.6
75°	498.9	424.8	350.6	312.7	276.4	238.6	200.7	171.6	144.0	114.9
77.5°	331.7	302.6	272.0	250.2	228.4	205.1	183.3	158.6	135.3	110.6
80°	116.4	112.0	107.6	116.4	125.1	133.8	142.6	125.1	109.1	91.6
82.5°	17.5	16.0	14.5	16.0	17.5	18.9	20.4	21.8	23.3	24.7
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-SA6B-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°	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
0.0	2.5°	71.3	71.3	69.8	69.8	69.8	68.4	68.4	66.9	66.9	66.9
0.0	5°	69.8	69.8	68.4	66.9	65.5	65.5	64.0	62.5	62.5	61.1
0.0	7.5°	68.4	66.9	65.5	64.0	62.5	61.1	59.6	58.2	58.2	56.7
0.0	10°	69.8	66.9	65.5	62.5	61.1	59.6	56.7	55.3	53.8	53.8
0.0	12.5°	66.9	65.5	62.5	59.6	58.2	55.3	53.8	50.9	49.5	49.5
0.0	15°	66.9	64.0	59.6	56.7	53.8	52.4	49.5	46.5	45.1	43.6
0.0	17.5°	62.5	59.6	55.3	52.4	49.5	46.5	43.6	40.7	39.3	37.8
0.0	20°	56.7	53.8	49.5	45.1	42.2	39.3	36.4	33.5	32.0	30.5
0.0	22.5°	50.9	48.0	43.6	39.3	36.4	33.5	29.1	26.2	24.7	21.8
0.0	25°	48.0	43.6	39.3	34.9	30.5	27.6	23.3	18.9	16.0	13.1
0.0	27.5°	40.7	36.4	32.0	27.6	23.3	18.9	14.5	10.2	7.3	5.8
0.0	30°	34.9	30.5	26.2	21.8	16.0	11.6	7.3	1.5	1.5	1.5
0.0	32.5°	29.1	24.7	18.9	14.5	11.6	7.3	4.4	0.0	0.0	0.0
0.0	35°	23.3	18.9	13.1	8.7	7.3	4.4	2.9	0.0	0.0	0.0
0.0	37.5°	20.4	16.0	10.2	4.4	2.9	2.9	1.5	0.0	0.0	0.0
0.0	40°	18.9	13.1	7.3	1.5	1.5	1.5	0.0	0.0	0.0	0.0
0.0	42.5°	18.9	13.1	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	18.9	13.1	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	18.9	13.1	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	20.4	14.5	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	23.3	17.5	11.6	5.8	4.4	2.9	1.5	0.0	0.0	0.0
0.0	55°	29.1	26.2	21.8	18.9	14.5	10.2	4.4	0.0	0.0	0.0
0.0	57.5°	37.8	37.8	36.4	34.9	26.2	17.5	8.7	0.0	0.0	0.0
0.0	60°	50.9	50.9	50.9	50.9	37.8	26.2	13.1	0.0	0.0	0.0
0.0	62.5°	62.5	59.6	55.3	52.4	39.3	26.2	13.1	0.0	0.0	0.0
0.0	65°	62.5	56.7	49.5	42.2	32.0	21.8	10.2	0.0	0.0	0.0
0.0	67.5°	58.2	46.5	33.5	21.8	16.0	11.6	5.8	0.0	0.0	0.0
	70°	58.2	40.7	23.3	5.8	4.4	2.9	1.5	0.0	0.0	0.0
	72.5°	58.2	39.3	18.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	64.0	43.6	21.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	64.0	43.6	21.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	56.7	37.8	18.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	18.9	13.1	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
0.0	2.5°	65.5	65.5	65.5	64.0	64.0	64.0	64.0	62.5	62.5	62.5
0.0	5°	59.6	59.6	58.2	58.2	56.7	56.7	55.3	55.3	53.8	53.8
0.0	7.5°	55.3	53.8	53.8	52.4	50.9	50.9	49.5	49.5	48.0	46.5
0.0	10°	50.9	49.5	49.5	48.0	46.5	45.1	45.1	43.6	42.2	40.7
0.0	12.5°	46.5	45.1	43.6	42.2	40.7	39.3	39.3	37.8	36.4	34.9
0.0	15°	40.7	39.3	37.8	36.4	34.9	33.5	33.5	32.0	30.5	29.1
0.0	17.5°	34.9	33.5	33.5	32.0	30.5	29.1	27.6	24.7	23.3	21.8
0.0	20°	26.2	24.7	23.3	21.8	20.4	17.5	16.0	13.1	10.2	8.7
0.0	22.5°	17.5	14.5	13.1	10.2	7.3	5.8	4.4	1.5	0.0	0.0
0.0	25°	5.8	4.4	2.9	1.5	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

CATALOG NUMBER: GLAN-SA6B-950-U-RBC

[illegible]

REPORT NUMBER: P1065082

CATALOG NUMBER: GLAN-SA6B-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°	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
0.0	2.5°	61.1	61.1	61.1	59.6	59.6	59.6	59.6	59.6	59.6	59.6
0.0	5°	52.4	52.4	52.4	50.9	50.9	49.5	49.5	49.5	48.0	48.0
0.0	7.5°	45.1	43.6	43.6	42.2	42.2	40.7	40.7	40.7	39.3	39.3
0.0	10°	37.8	36.4	36.4	34.9	34.9	33.5	33.5	32.0	32.0	30.5
0.0	12.5°	33.5	32.0	30.5	29.1	29.1	27.6	26.2	26.2	24.7	23.3
0.0	15°	26.2	24.7	23.3	21.8	20.4	18.9	17.5	17.5	16.0	14.5
0.0	17.5°	17.5	14.5	13.1	11.6	11.6	10.2	8.7	7.3	5.8	4.4
0.0	20°	4.4	2.9	1.5	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
	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: P1065082

CATALOG NUMBER: GLAN-SA6B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065082

CATALOG NUMBER: GLAN-SA6B-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°	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
0.0	2.5°	59.6	58.2	58.2	58.2	59.6	59.6	59.6	59.6	59.6	59.6
0.0	5°	48.0	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
0.0	7.5°	39.3	37.8	37.8	37.8	37.8	36.4	36.4	36.4	36.4	36.4
0.0	10°	30.5	29.1	29.1	29.1	29.1	27.6	27.6	27.6	27.6	27.6
0.0	12.5°	21.8	21.8	20.4	20.4	20.4	18.9	18.9	18.9	18.9	17.5
0.0	15°	13.1	11.6	10.2	10.2	10.2	8.7	8.7	8.7	8.7	7.3
0.0	17.5°	2.9	2.9	1.5	1.5	1.5	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: P1065082

CATALOG NUMBER: GLAN-SA6B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065082

CATALOG NUMBER: GLAN-SA6B-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°	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
0.0	2.5°	61.1	61.1	62.5	62.5	64.0	66.9	68.4	69.8	72.7	75.6
0.0	5°	48.0	49.5	49.5	50.9	52.4	53.8	55.3	56.7	59.6	62.5
0.0	7.5°	37.8	37.8	39.3	39.3	40.7	43.6	45.1	46.5	49.5	53.8
0.0	10°	29.1	29.1	30.5	30.5	32.0	34.9	36.4	37.8	40.7	45.1
0.0	12.5°	18.9	20.4	20.4	21.8	23.3	26.2	27.6	29.1	32.0	34.9
0.0	15°	8.7	10.2	10.2	11.6	13.1	16.0	17.5	18.9	21.8	26.2
0.0	17.5°	1.5	1.5	2.9	2.9	4.4	5.8	7.3	8.7	13.1	16.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	5.8
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
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: P1065082

CATALOG NUMBER: GLAN-SA6B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065082

CATALOG NUMBER: GLAN-SA6B-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°	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
0.0	2.5°	80.0	82.9	85.8	88.7	91.6	94.6	96.0	98.9	100.4	101.8
0.0	5°	68.4	71.3	75.6	78.6	81.5	84.4	87.3	88.7	90.2	91.6
0.0	7.5°	59.6	62.5	66.9	69.8	72.7	75.6	78.6	81.5	82.9	84.4
0.0	10°	50.9	55.3	58.2	62.5	65.5	68.4	71.3	74.2	77.1	78.6
0.0	12.5°	40.7	45.1	49.5	52.4	56.7	61.1	64.0	66.9	69.8	72.7
0.0	15°	32.0	36.4	40.7	43.6	48.0	52.4	56.7	59.6	62.5	65.5
0.0	17.5°	23.3	27.6	32.0	34.9	39.3	43.6	46.5	50.9	53.8	56.7
0.0	20°	11.6	16.0	20.4	24.7	29.1	33.5	36.4	40.7	43.6	46.5
0.0	22.5°	1.5	5.8	10.2	13.1	17.5	21.8	24.7	29.1	32.0	34.9
0.0	25°	0.0	1.5	4.4	5.8	7.3	10.2	13.1	16.0	18.9	21.8
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.5	2.9	5.8	8.7	11.6
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
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	1.5
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	2.9
	85°	0.0	0.0	0.0	0.0	0.0	2.9	4.4	7.3	8.7	10.2
	87.5°	0.0	1.5	2.9	4.4	5.8	8.7	11.6	14.5	16.0	17.5
	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: P1065082

CATALOG NUMBER: GLAN-SA6B-950-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
84.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.4	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											
1.5											
5.8											
13.1											
18.9											
0.0											
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REPORT NUMBER: P1065082

CATALOG NUMBER: GLAN-SA6B-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°	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
0.0	2.5°	103.3	103.3	103.3	103.3	101.8	101.8	101.8	100.4	100.4	98.9
0.0	5°	94.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	94.6	94.6
0.0	7.5°	87.3	88.7	90.2	90.2	91.6	91.6	91.6	90.2	90.2	88.7
0.0	10°	82.9	84.4	84.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8
0.0	12.5°	77.1	78.6	80.0	80.0	81.5	81.5	81.5	81.5	80.0	80.0
0.0	15°	69.8	72.7	74.2	75.6	75.6	77.1	77.1	77.1	77.1	77.1
0.0	17.5°	64.0	66.9	68.4	69.8	69.8	71.3	71.3	72.7	72.7	72.7
0.0	20°	52.4	55.3	56.7	59.6	61.1	62.5	64.0	65.5	65.5	66.9
0.0	22.5°	40.7	43.6	45.1	48.0	49.5	50.9	52.4	53.8	55.3	56.7
0.0	25°	29.1	32.0	33.5	36.4	37.8	39.3	40.7	42.2	42.2	43.6
0.0	27.5°	16.0	18.9	21.8	23.3	26.2	27.6	29.1	30.5	32.0	33.5
0.0	30°	7.3	8.7	10.2	13.1	14.5	16.0	17.5	20.4	21.8	23.3
0.0	32.5°	0.0	0.0	1.5	4.4	5.8	7.3	8.7	10.2	10.2	11.6
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.5	2.9	4.4	5.8
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	2.9	2.9	2.9	4.4	4.4	4.4	4.4	4.4	4.4	4.4
	82.5°	7.3	8.7	10.2	10.2	11.6	11.6	11.6	11.6	10.2	10.2
	85°	14.5	16.0	17.5	17.5	18.9	18.9	18.9	18.9	18.9	18.9
	87.5°	20.4	21.8	23.3	23.3	24.7	24.7	24.7	24.7	24.7	24.7
	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: P1065082

CATALOG NUMBER: GLAN-SA6B-950-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
84.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	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
0.0											
0.0											
0.0											
0.0											
4.4											
10.2											
18.9											
24.7											
0.0											
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REPORT NUMBER: P1065082

CATALOG NUMBER: GLAN-SA6B-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°	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
0.0	2.5°	97.5	97.5	96.0	96.0	96.0	96.0	96.0	97.5	98.9	98.9
0.0	5°	93.1	93.1	91.6	91.6	91.6	93.1	93.1	94.6	96.0	97.5
0.0	7.5°	88.7	87.3	87.3	88.7	88.7	90.2	90.2	91.6	93.1	94.6
0.0	10°	85.8	84.4	84.4	84.4	85.8	85.8	87.3	88.7	90.2	91.6
0.0	12.5°	80.0	80.0	80.0	80.0	81.5	81.5	82.9	84.4	87.3	88.7
0.0	15°	77.1	75.6	75.6	75.6	75.6	77.1	77.1	80.0	82.9	84.4
0.0	17.5°	71.3	71.3	69.8	69.8	71.3	71.3	72.7	75.6	78.6	80.0
0.0	20°	65.5	64.0	62.5	62.5	64.0	64.0	65.5	68.4	71.3	72.7
0.0	22.5°	56.7	55.3	55.3	55.3	55.3	56.7	56.7	59.6	64.0	66.9
0.0	25°	45.1	46.5	46.5	48.0	48.0	49.5	50.9	53.8	58.2	61.1
0.0	27.5°	34.9	36.4	36.4	39.3	40.7	42.2	43.6	48.0	52.4	55.3
0.0	30°	26.2	27.6	29.1	30.5	33.5	36.4	39.3	43.6	48.0	50.9
0.0	32.5°	16.0	18.9	20.4	23.3	26.2	29.1	32.0	36.4	42.2	46.5
0.0	35°	11.6	13.1	16.0	17.5	20.4	23.3	26.2	32.0	36.4	42.2
0.0	37.5°	5.8	8.7	11.6	14.5	17.5	20.4	23.3	29.1	34.9	39.3
0.0	40°	4.4	7.3	8.7	11.6	16.0	18.9	21.8	27.6	33.5	39.3
0.0	42.5°	2.9	4.4	5.8	10.2	13.1	17.5	21.8	27.6	33.5	39.3
0.0	45°	2.9	2.9	4.4	8.7	13.1	18.9	23.3	29.1	33.5	39.3
0.0	47.5°	2.9	4.4	5.8	11.6	14.5	18.9	23.3	27.6	33.5	37.8
0.0	50°	4.4	5.8	7.3	13.1	16.0	20.4	23.3	29.1	33.5	39.3
0.0	52.5°	2.9	4.4	5.8	11.6	16.0	21.8	26.2	32.0	37.8	42.2
0.0	55°	1.5	1.5	1.5	8.7	17.5	24.7	33.5	37.8	43.6	48.0
0.0	57.5°	0.0	0.0	0.0	5.8	17.5	27.6	37.8	43.6	49.5	53.8
0.0	60°	0.0	0.0	0.0	5.8	17.5	27.6	37.8	45.1	52.4	59.6
0.0	62.5°	0.0	0.0	0.0	5.8	14.5	23.3	32.0	43.6	56.7	68.4
0.0	65°	0.0	0.0	0.0	4.4	11.6	18.9	26.2	43.6	61.1	77.1
0.0	67.5°	0.0	0.0	0.0	4.4	11.6	17.5	24.7	43.6	61.1	80.0
	70°	0.0	0.0	0.0	4.4	11.6	18.9	26.2	43.6	61.1	78.6
	72.5°	0.0	0.0	0.0	4.4	13.1	20.4	29.1	43.6	58.2	72.7
	75°	0.0	0.0	0.0	5.8	13.1	21.8	30.5	43.6	56.7	68.4
	77.5°	0.0	0.0	0.0	4.4	13.1	20.4	29.1	42.2	55.3	66.9
	80°	4.4	2.9	2.9	7.3	13.1	18.9	24.7	37.8	52.4	65.5
	82.5°	8.7	8.7	7.3	10.2	13.1	17.5	21.8	33.5	46.5	58.2
	85°	17.5	17.5	16.0	17.5	17.5	18.9	20.4	26.2	32.0	37.8
	87.5°	23.3	23.3	21.8	21.8	21.8	20.4	20.4	20.4	20.4	18.9
	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

REPORT NUMBER: P1065082

CATALOG NUMBER: GLAN-SA6B-950-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
84.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.0											
87.3											
81.5											
80.0											
78.6											
69.8											
43.6											
18.9											
0.0											
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REPORT NUMBER: P1065082

CATALOG NUMBER: GLAN-SA6B-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°	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
0.0	2.5°	101.8	103.3	103.3	104.7	106.2	107.6	107.6	109.1	109.1	109.1
0.0	5°	100.4	103.3	104.7	106.2	107.6	109.1	110.6	112.0	113.5	113.5
0.0	7.5°	98.9	100.4	103.3	104.7	107.6	109.1	112.0	113.5	114.9	116.4
0.0	10°	96.0	98.9	101.8	104.7	107.6	110.6	113.5	116.4	119.3	120.7
0.0	12.5°	93.1	97.5	100.4	103.3	107.6	112.0	114.9	119.3	122.2	125.1
0.0	15°	91.6	94.6	98.9	101.8	107.6	113.5	117.8	123.6	129.5	133.8
0.0	17.5°	87.3	93.1	97.5	101.8	107.6	114.9	120.7	126.6	135.3	144.0
0.0	20°	81.5	85.8	91.6	96.0	104.7	112.0	120.7	128.0	141.1	154.2
0.0	22.5°	75.6	81.5	85.8	91.6	101.8	110.6	120.7	129.5	151.3	171.6
0.0	25°	69.8	77.1	82.9	88.7	100.4	112.0	123.6	135.3	171.6	208.0
0.0	27.5°	66.9	72.7	80.0	85.8	100.4	116.4	130.9	145.5	203.6	260.4
0.0	30°	62.5	69.8	75.6	82.9	101.8	120.7	139.6	158.6	247.3	336.0
0.0	32.5°	58.2	65.5	72.7	80.0	104.7	129.5	152.7	177.5	293.8	408.8
0.0	35°	53.8	62.5	69.8	77.1	109.1	142.6	174.6	206.6	336.0	464.0
0.0	37.5°	52.4	61.1	68.4	75.6	110.6	144.0	178.9	212.4	340.4	468.4
0.0	40°	53.8	61.1	69.8	77.1	106.2	135.3	162.9	192.0	325.8	458.2
0.0	42.5°	53.8	62.5	71.3	80.0	103.3	126.6	149.8	173.1	321.5	469.8
0.0	45°	52.4	61.1	69.8	78.6	100.4	120.7	142.6	162.9	347.7	530.9
0.0	47.5°	50.9	59.6	68.4	77.1	98.9	120.7	142.6	164.4	449.5	733.1
0.0	50°	50.9	59.6	66.9	74.2	100.4	128.0	154.2	180.4	654.6	1127.3
0.0	52.5°	53.8	61.1	66.9	72.7	103.3	135.3	165.8	196.4	832.0	1466.3
0.0	55°	58.2	62.5	68.4	72.7	110.6	146.9	184.7	221.1	885.9	1550.6
0.0	57.5°	64.0	68.4	72.7	77.1	123.6	170.2	215.3	261.8	890.2	1517.2
0.0	60°	71.3	77.1	81.5	85.8	135.3	186.2	235.7	285.1	805.9	1325.2
0.0	62.5°	87.3	94.6	100.4	107.6	155.6	202.2	250.2	296.7	669.1	1041.5
0.0	65°	100.4	106.2	112.0	117.8	164.4	212.4	258.9	305.5	567.3	829.1
0.0	67.5°	103.3	109.1	113.5	119.3	167.3	215.3	261.8	309.8	485.8	660.4
	70°	104.7	112.0	120.7	128.0	177.5	226.9	274.9	324.4	430.6	536.8
	72.5°	100.4	114.9	128.0	141.1	187.6	232.7	279.3	324.4	400.0	475.7
	75°	100.4	120.7	139.6	158.6	193.5	226.9	261.8	295.3	353.5	411.7
	77.5°	106.2	132.4	158.6	184.7	205.1	224.0	244.4	263.3	301.1	338.9
	80°	106.2	133.8	160.0	187.6	196.4	206.6	215.3	224.0	228.4	232.7
	82.5°	91.6	113.5	135.3	157.1	146.9	136.7	126.6	116.4	109.1	100.4
	85°	46.5	50.9	53.8	56.7	52.4	48.0	43.6	39.3	36.4	32.0
	87.5°	18.9	18.9	17.5	17.5	17.5	17.5	16.0	16.0	16.0	16.0
	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: P1065082

CATALOG NUMBER: GLAN-SA6B-950-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
84.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
228.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
309.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
430.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
583.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
728.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
827.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
901.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
976.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1121.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1412.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2152.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3297.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4151.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4246.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3831.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3275.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2560.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1934.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1428.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1011.0											
752.0											
546.9											
411.7											
231.3											
104.7											
30.5											
14.5											
0.0											
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REPORT NUMBER: P1065082

CATALOG NUMBER: GLAN-SA6B-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°	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
0.0	2.5°	109.1	107.6	107.6	106.2	104.7	103.3	101.8	100.4	98.9	97.5
0.0	5°	113.5	113.5	113.5	112.0	112.0	110.6	110.6	109.1	107.6	106.2
0.0	7.5°	117.8	119.3	119.3	120.7	120.7	120.7	120.7	119.3	119.3	119.3
0.0	10°	125.1	126.6	128.0	129.5	130.9	132.4	132.4	133.8	133.8	133.8
0.0	12.5°	133.8	138.2	141.1	145.5	148.4	152.7	155.6	160.0	162.9	165.8
0.0	15°	146.9	154.2	162.9	170.2	177.5	187.6	199.3	209.5	219.6	235.7
0.0	17.5°	165.8	189.1	212.4	234.2	257.5	308.4	359.3	408.8	459.7	533.8
0.0	20°	202.2	272.0	340.4	410.2	478.6	657.5	835.0	1013.9	1191.3	1381.9
0.0	22.5°	283.7	455.3	626.9	798.6	970.2	1344.1	1716.5	2090.3	2462.7	2900.5
0.0	25°	411.7	727.3	1043.0	1357.2	1672.8	2257.6	2843.8	3428.6	4013.3	4582.1
0.0	27.5°	599.3	1082.2	1565.2	2046.7	2529.6	3322.4	4116.6	4909.4	5702.2	6345.1
0.0	30°	830.6	1485.2	2139.8	2794.3	3448.9	4350.8	5252.7	6153.1	7055.0	7757.5
0.0	32.5°	1048.8	1850.3	2651.8	3451.8	4253.3	5280.3	6308.7	7335.7	8362.7	9130.7
0.0	35°	1191.3	2160.1	3130.4	4099.1	5067.9	6179.3	7290.6	8400.5	9511.8	10389.0
0.0	37.5°	1333.9	2452.5	3569.7	4688.3	5805.4	7025.9	8246.3	9466.7	10687.2	11770.9
0.0	40°	1493.9	2806.0	4116.6	5428.7	6739.3	8185.2	9629.7	11075.6	12520.0	14048.8
0.0	42.5°	1771.7	3392.2	5014.1	6634.6	8255.0	10167.9	12080.7	13992.1	15904.9	18086.9
0.0	45°	2294.0	4577.7	6862.9	9146.7	11430.5	13964.5	16499.9	19033.8	21567.8	24471.2
0.0	47.5°	3572.6	6714.6	9855.1	12997.1	16137.7	18873.8	21608.5	24344.7	27079.4	29971.2
0.0	50°	5466.5	9123.4	12780.4	16435.9	20092.8	22568.6	25042.9	27518.7	29993.0	32743.7
0.0	52.5°	6836.8	10646.4	14457.6	18267.2	22076.9	24311.2	26547.0	28781.3	31015.6	33586.0
0.0	55°	6940.0	10727.9	14517.2	18305.1	22092.9	24337.4	26581.9	28826.4	31070.9	33795.4
0.0	57.5°	6144.4	9901.7	13657.5	17414.8	21170.7	23726.5	26280.8	28836.6	31390.9	34336.5
0.0	60°	5226.5	8985.3	12742.6	16501.3	20258.6	23202.8	26148.4	29092.6	32036.8	34796.2
0.0	62.5°	4077.3	7943.7	11811.6	15678.0	19544.4	22533.7	25522.9	28510.8	31500.0	33570.0
0.0	65°	3038.7	6793.1	10547.5	14300.5	18054.9	20449.2	22843.5	25236.4	27630.7	28912.2
0.0	67.5°	2196.5	5434.5	8671.1	11909.1	15145.6	16859.2	18572.7	20284.8	21998.4	22978.8
	70°	1485.2	3728.2	5969.8	8212.8	10454.4	11862.5	13272.0	14680.1	16088.2	17411.9
	72.5°	1028.4	2288.1	3549.3	4809.0	6068.7	7485.5	8900.9	10317.7	11733.0	13133.9
	75°	682.2	1255.3	1829.9	2403.0	2976.2	4025.0	5075.2	6124.0	7172.8	8007.7
	77.5°	484.4	656.0	829.1	1000.8	1172.4	1368.8	1566.6	1763.0	1959.4	2257.6
	80°	229.8	251.7	273.5	293.8	315.7	386.9	458.2	529.5	600.8	676.4
	82.5°	109.1	117.8	126.6	133.8	142.6	149.8	157.1	164.4	171.6	164.4
	85°	29.1	29.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	29.1
	87.5°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	11.6	11.6	10.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GLAN-SA6B-950-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
84.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
253.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
606.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1573.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3338.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5150.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6988.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8461.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9900.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11266.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12856.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15577.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20268.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27374.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32863.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35494.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36156.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36521.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37282.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37554.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35641.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30195.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23960.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18734.2											
14534.7											
8842.7											
2555.8											
752.0											
155.6											
27.6											
10.2											
0.0											
0.0											
0.0											
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°	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
0.0	2.5°	94.6	93.1	91.6	90.2	88.7	85.8	85.8	84.4	84.4
0.0	5°	103.3	101.8	100.4	98.9	98.9	97.5	96.0	96.0	94.6
0.0	7.5°	117.8	116.4	114.9	113.5	113.5	112.0	112.0	110.6	110.6
0.0	10°	135.3	135.3	135.3	135.3	135.3	133.8	133.8	133.8	132.4
0.0	12.5°	170.2	171.6	174.6	177.5	181.8	181.8	181.8	180.4	180.4
0.0	15°	269.1	285.1	296.7	308.4	318.6	341.8	338.9	334.6	331.7
0.0	17.5°	680.8	753.5	792.8	830.6	869.9	977.5	960.1	942.6	926.6
0.0	20°	1764.5	1955.0	2081.6	2208.1	2336.1	2538.3	2488.9	2439.4	2390.0
0.0	22.5°	3774.8	4212.6	4403.2	4593.7	4782.8	5027.2	4868.6	4710.1	4553.0
0.0	25°	5718.2	6286.9	6608.4	6929.9	7249.9	7389.5	7183.0	6975.0	6768.4
0.0	27.5°	7631.0	8273.9	8557.6	8839.8	9123.4	9415.8	9159.8	8902.3	8646.3
0.0	30°	9164.2	9866.8	10173.7	10479.2	10786.1	10989.7	10725.0	10458.8	10194.0
0.0	32.5°	10668.3	11436.3	11772.3	12108.3	12442.9	12735.3	12409.5	12082.2	11756.3
0.0	35°	12141.8	13018.9	13481.5	13944.1	14406.7	14678.7	14291.7	13903.4	13516.4
0.0	37.5°	13939.7	15023.4	15541.3	16059.1	16577.0	17073.0	16646.8	16219.1	15792.9
0.0	40°	17106.5	18635.3	19429.5	20225.2	21019.4	21659.4	21121.2	20583.0	20044.8
0.0	42.5°	22450.8	24632.7	25774.6	26915.0	28056.9	29056.2	28490.4	27924.5	27358.7
0.0	45°	30278.1	33181.6	34573.7	35964.3	37356.4	38086.6	37272.0	36455.9	35641.4
0.0	47.5°	35753.4	38645.2	39884.5	41123.9	42363.2	43196.7	42200.3	41203.9	40208.9
0.0	50°	38243.7	40994.4	42238.1	43480.4	44724.1	45385.9	44235.3	43083.2	41932.6
0.0	52.5°	38725.2	41295.5	42779.2	44264.4	45748.1	46632.5	45273.9	43913.8	42555.2
0.0	55°	39245.9	41970.4	43691.3	45413.6	47134.4	48359.2	46823.1	45285.5	43749.5
0.0	57.5°	40226.3	43172.0	44888.4	46603.4	48319.9	49360.0	47819.5	46277.6	44737.2
0.0	60°	40313.6	43071.6	44546.6	46023.0	47498.0	48152.6	46679.1	45204.1	43730.5
0.0	62.5°	37711.3	39781.2	40805.3	41829.3	42853.4	43564.7	42027.2	40488.2	38950.6
0.0	65°	31476.7	32758.3	33574.3	34390.4	35206.4	36054.5	34646.4	33238.3	31830.2
0.0	67.5°	24941.1	25921.5	26996.5	28071.5	29146.4	30052.7	28925.3	27796.5	26669.2
	70°	20057.9	21380.2	22589.0	23797.8	25006.5	25748.4	24616.7	23483.6	22351.8
	72.5°	15935.5	17336.3	18345.8	19353.9	20363.4	20545.2	19713.1	18881.1	18050.5
	75°	9676.2	10511.2	10531.5	10550.4	10570.8	10743.9	10054.4	9364.9	8676.9
	77.5°	2854.0	3152.2	3398.0	3642.4	3888.2	4185.0	3931.9	3677.3	3424.2
	80°	826.2	901.9	965.9	1028.4	1092.4	1054.6	995.0	935.3	875.7
	82.5°	148.4	139.6	138.2	136.7	136.7	129.5	117.8	106.2	94.6
	85°	26.2	24.7	23.3	21.8	20.4	18.9	16.0	14.5	11.6
	87.5°	8.7	7.3	5.8	4.4	4.4	1.5	1.5	1.5	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



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CATALOG NUMBER: GLAN-SA6B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065082

CATALOG NUMBER: GLAN-SA6B-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°	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
0.0	0.0	2.5°	82.9	81.5	81.5	81.5	81.5	80.0	80.0	80.0	80.0
0.0	0.0	5°	91.6	91.6	90.2	90.2	88.7	88.7	87.3	87.3	85.8
0.0	0.0	7.5°	107.6	106.2	104.7	103.3	101.8	98.9	97.5	96.0	96.0
0.0	0.0	10°	129.5	126.6	125.1	122.2	120.7	117.8	114.9	112.0	109.1
0.0	0.0	12.5°	170.2	164.4	160.0	154.2	148.4	144.0	138.2	133.8	128.0
0.0	0.0	15°	295.3	280.7	264.7	245.8	225.5	206.6	186.2	174.6	161.5
0.0	0.0	17.5°	755.0	679.3	602.2	539.7	477.1	416.0	353.5	308.4	263.3
0.0	0.0	20°	1921.6	1712.1	1502.6	1296.1	1088.1	881.5	673.5	568.8	464.0
0.0	0.0	22.5°	3616.2	3227.8	2838.0	2461.2	2083.0	1706.3	1329.5	1092.4	856.8
0.0	0.0	25°	5581.4	5092.7	4603.9	3984.2	3363.1	2743.4	2123.8	1738.3	1352.8
0.0	0.0	27.5°	7263.0	6700.0	6137.1	5383.6	4630.1	3876.6	3123.1	2548.5	1975.4
0.0	0.0	30°	8719.1	8113.9	7508.8	6631.7	5754.5	4877.4	4000.2	3281.6	2563.1
0.0	0.0	32.5°	9981.7	9257.3	8532.9	7628.1	6723.3	5818.5	4913.7	4032.2	3150.7
0.0	0.0	35°	11437.8	10592.6	9746.0	8742.3	7737.2	6733.5	5729.8	4734.8	3738.4
0.0	0.0	37.5°	13288.0	12250.9	11212.3	10093.7	8975.1	7857.9	6739.3	5601.8	4464.3
0.0	0.0	40°	16830.1	15491.8	14153.6	12732.4	11309.8	9888.6	8467.4	7071.0	5674.5
0.0	0.0	42.5°	23176.6	21368.5	19560.4	17669.4	15776.9	13885.9	11993.4	10023.9	8052.8
0.0	0.0	45°	30339.2	28096.2	25851.7	23729.4	21605.6	19483.3	17361.0	14658.3	11955.6
0.0	0.0	47.5°	34367.1	31945.1	29523.2	27514.3	25505.5	23496.6	21487.8	18574.2	15660.5
0.0	0.0	50°	35849.4	33383.8	30918.2	29069.3	27219.0	25370.2	23519.9	20601.9	17682.5
0.0	0.0	52.5°	36165.0	33650.0	31134.9	29274.4	27414.0	25554.9	23694.5	20795.4	17896.3
0.0	0.0	55°	36813.8	34115.4	31415.6	29294.8	27173.9	25053.1	22932.2	19986.6	17041.0
0.0	0.0	57.5°	37661.8	34895.1	32128.4	29712.3	27296.1	24881.5	22465.3	19244.8	16024.2
0.0	0.0	60°	37439.3	35031.9	32623.0	30035.2	27446.0	24858.2	22268.9	18726.9	15183.4
0.0	0.0	62.5°	33575.8	31658.6	29739.9	27611.8	25482.2	23354.1	21226.0	17579.2	13932.4
0.0	0.0	65°	27622.0	26222.6	24823.3	23111.2	21397.6	19685.5	17973.4	14703.4	11434.8
0.0	0.0	67.5°	22386.8	20809.9	19231.7	17867.2	16501.3	15136.9	13771.0	11197.7	8624.5
		70°	17785.8	16070.8	14354.3	13021.8	11688.0	10355.5	9023.1	7312.4	5603.2
		72.5°	14124.5	12578.2	11031.9	9610.7	8188.1	6766.9	5344.3	4333.3	3322.4
		75°	6750.9	6132.7	5514.5	4771.2	4027.9	3284.6	2541.2	2100.5	1661.2
		77.5°	2502.0	2168.9	1834.3	1531.7	1229.2	928.1	625.5	573.1	520.8
		80°	647.3	564.4	480.0	420.4	359.3	299.7	240.0	216.7	194.9
		82.5°	74.2	68.4	64.0	61.1	56.7	53.8	49.5	45.1	40.7
		85°	4.4	2.9	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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CATALOG NUMBER: GLAN-SA6B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065082

CATALOG NUMBER: GLAN-SA6B-950-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	84.4	84.4
0.0	0.0	2.5°	78.6	77.1
0.0	0.0	5°	82.9	81.5
0.0	0.0	7.5°	91.6	88.7
0.0	0.0	10°	100.4	97.5
0.0	0.0	12.5°	113.5	109.1
0.0	0.0	15°	128.0	119.3
0.0	0.0	17.5°	152.7	133.8
0.0	0.0	20°	206.6	158.6
0.0	0.0	22.5°	290.9	197.8
0.0	0.0	25°	427.7	273.5
0.0	0.0	27.5°	594.9	363.7
0.0	0.0	30°	791.3	455.3
0.0	0.0	32.5°	964.4	542.6
0.0	0.0	35°	1189.9	631.3
0.0	0.0	37.5°	1467.7	744.8
0.0	0.0	40°	1898.3	916.4
0.0	0.0	42.5°	2673.6	1233.5
0.0	0.0	45°	4342.1	2132.5
0.0	0.0	47.5°	6681.1	3527.5
0.0	0.0	50°	8173.6	4502.1
0.0	0.0	52.5°	8295.8	4494.8
0.0	0.0	55°	7572.8	3995.9
0.0	0.0	57.5°	6461.5	3339.8
0.0	0.0	60°	5370.5	2641.6
0.0	0.0	62.5°	4231.5	1824.1
0.0	0.0	65°	3092.5	1290.3
0.0	0.0	67.5°	2221.2	964.4
		70°	1460.4	739.0
		72.5°	951.3	602.2
		75°	640.0	498.9
		77.5°	373.8	331.7
		80°	132.4	116.4
		82.5°	24.7	17.5
		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: P1065082

CATALOG NUMBER: GLAN-SA6B-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

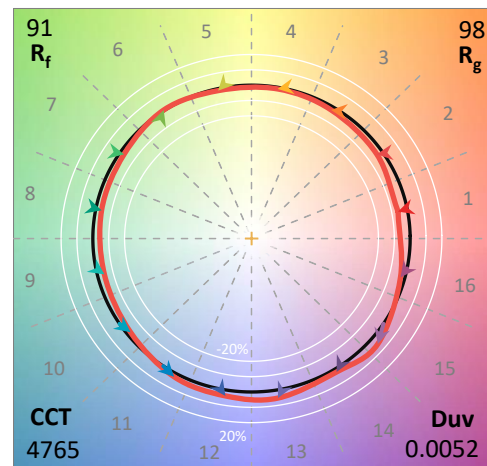
Test Information

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

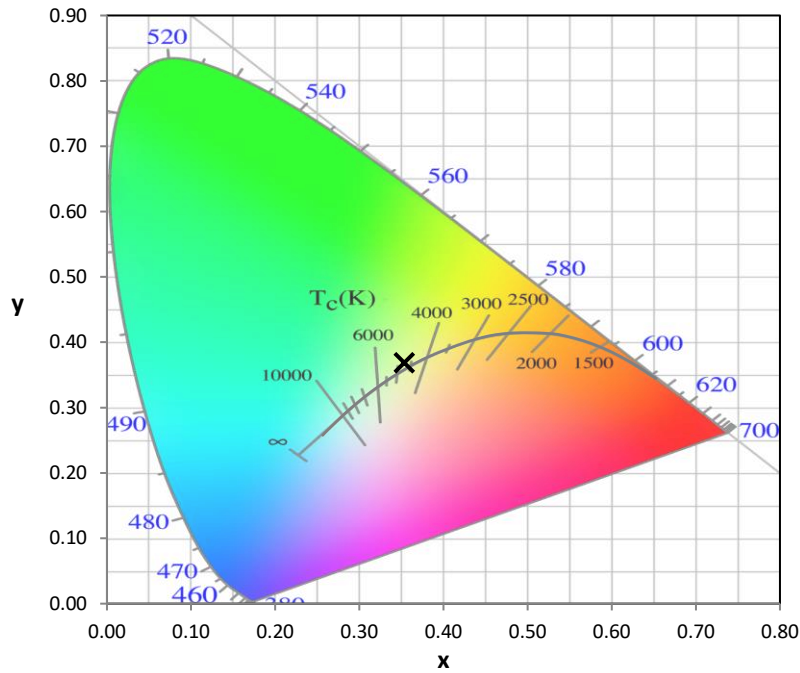
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-17

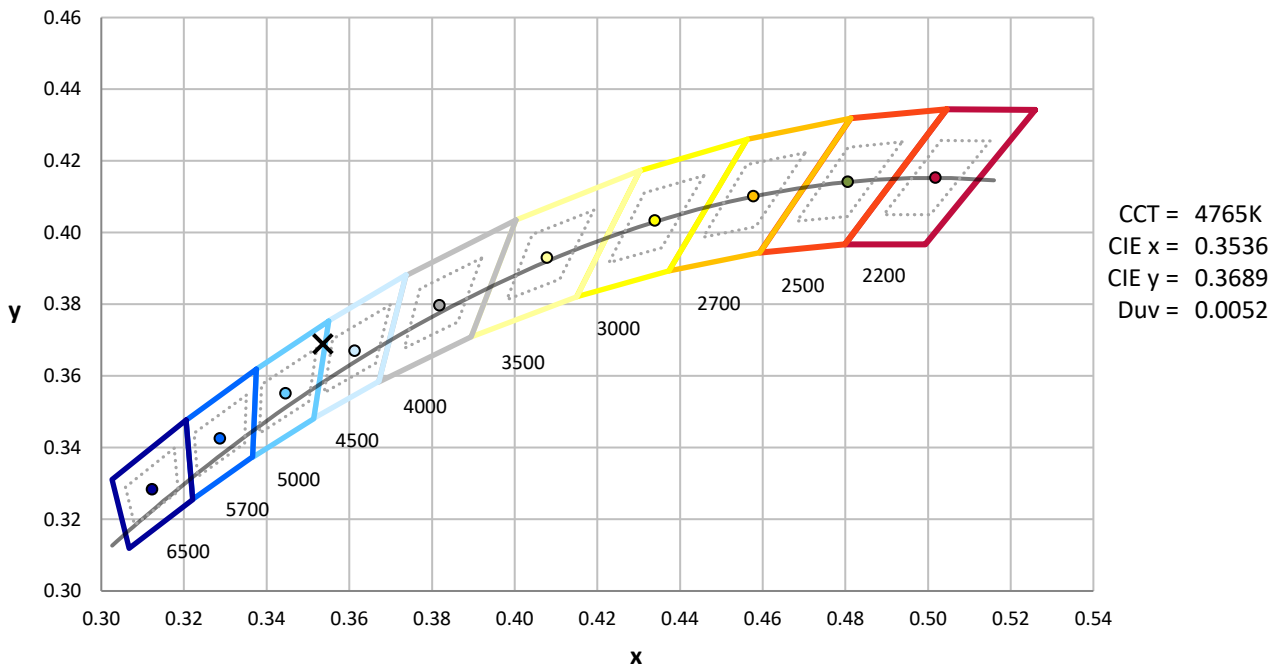
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



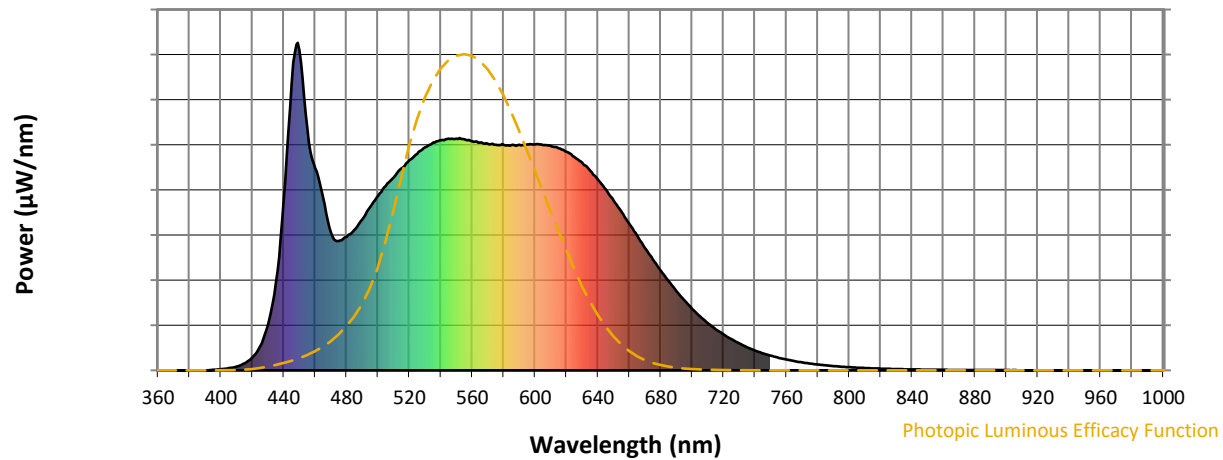
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-17

Photopic Flux vs. Wavelength

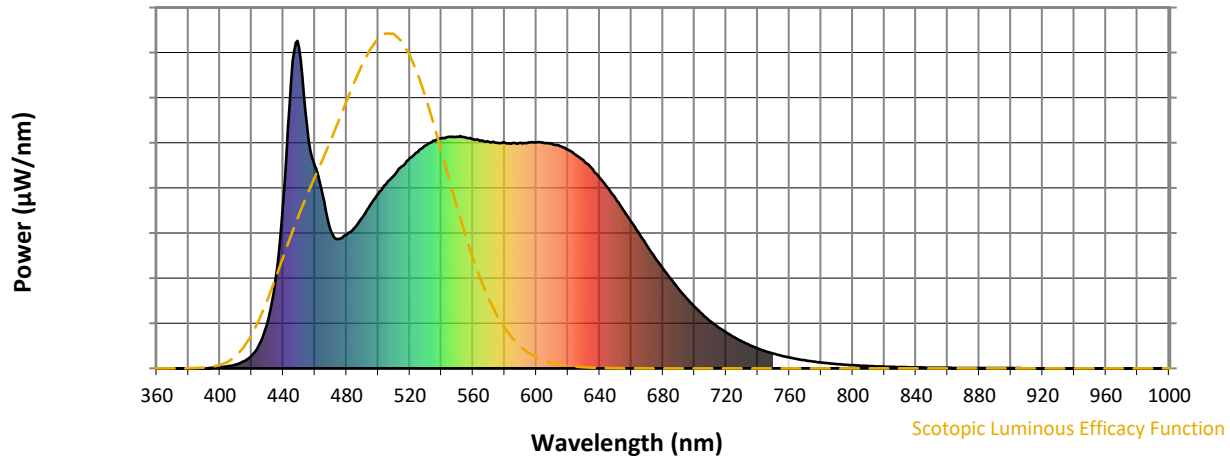


Photopic Lumens: NR

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



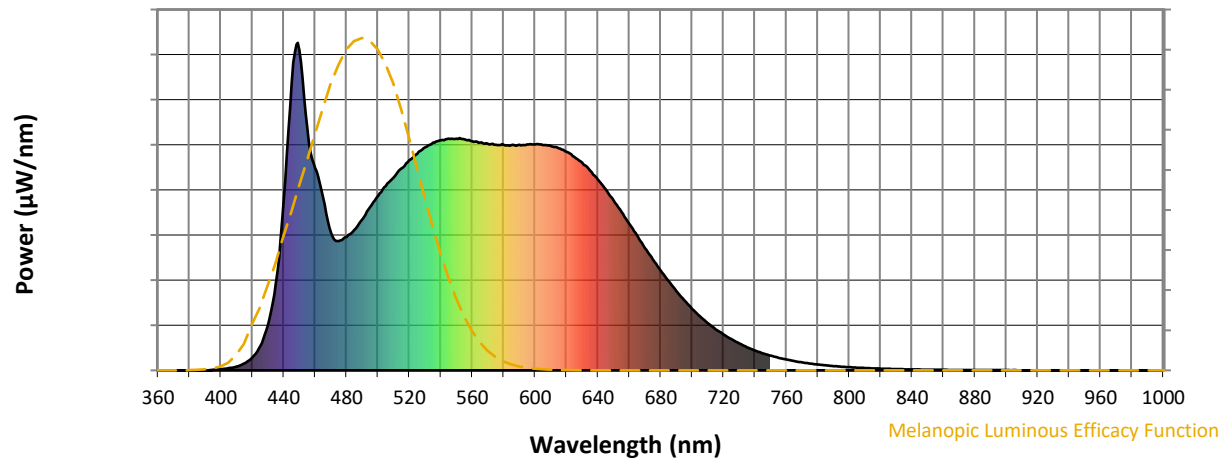
Scotopic Lumens: NR

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

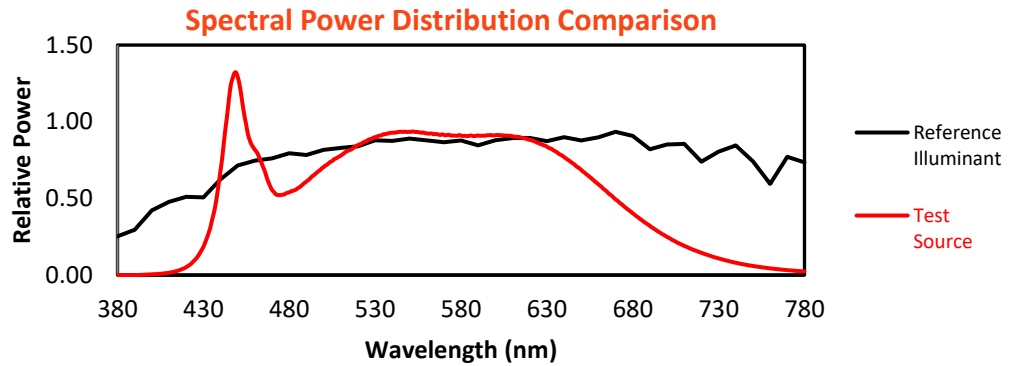
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533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

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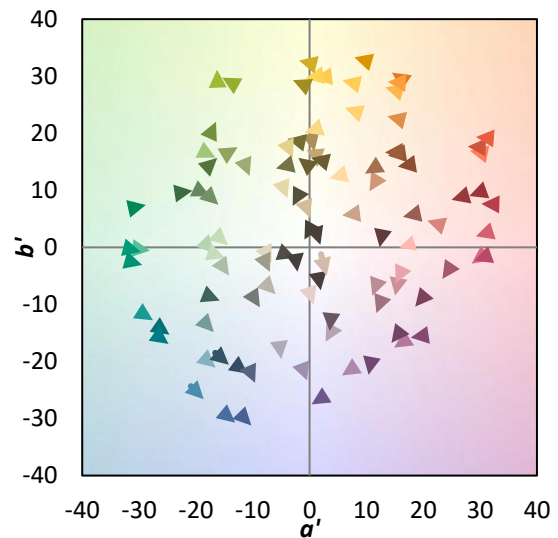
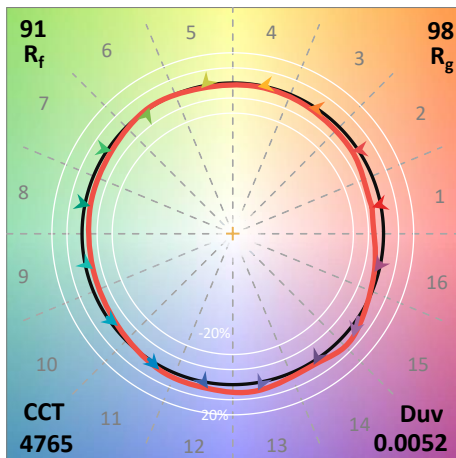
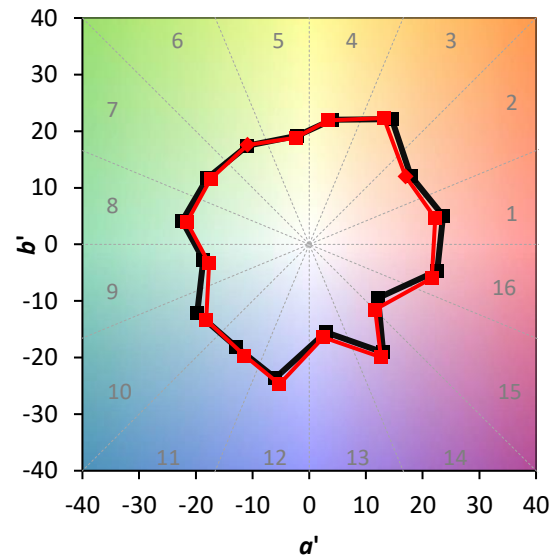
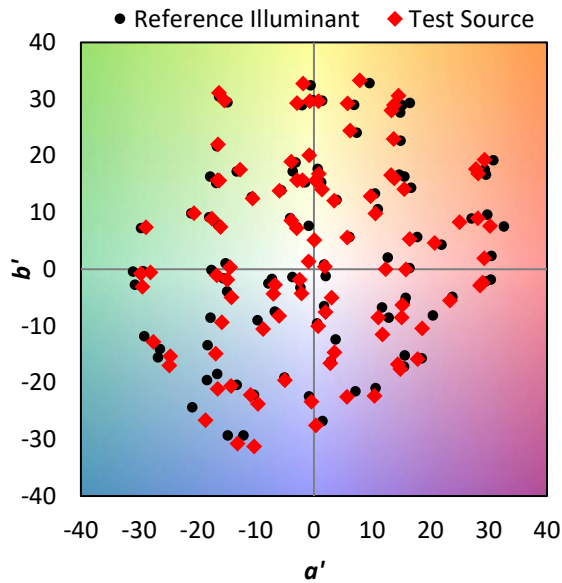
TM-30-18

Summary

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

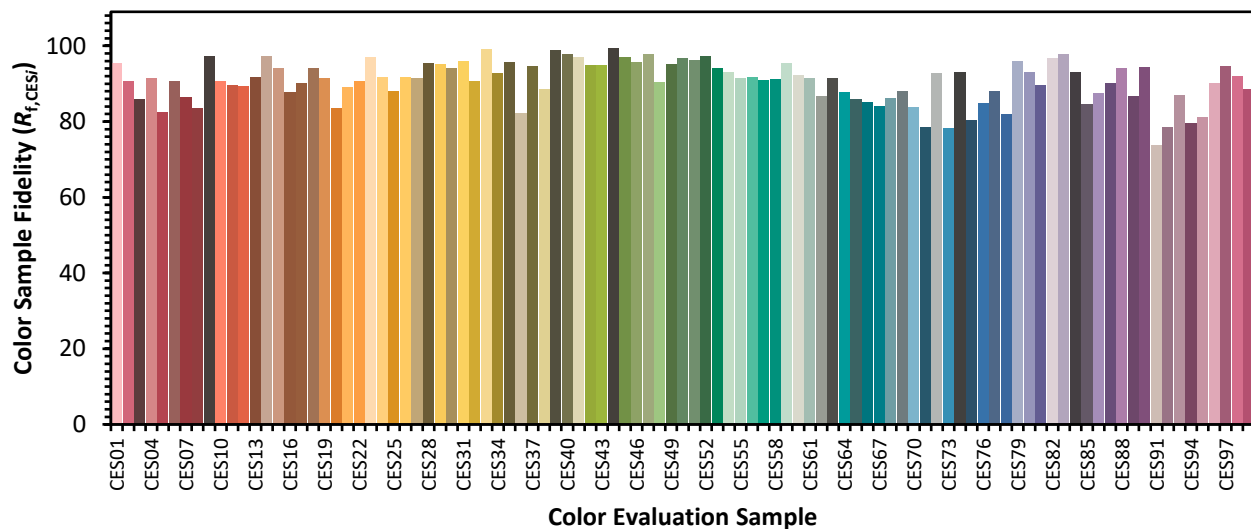


Color Vector Graphics

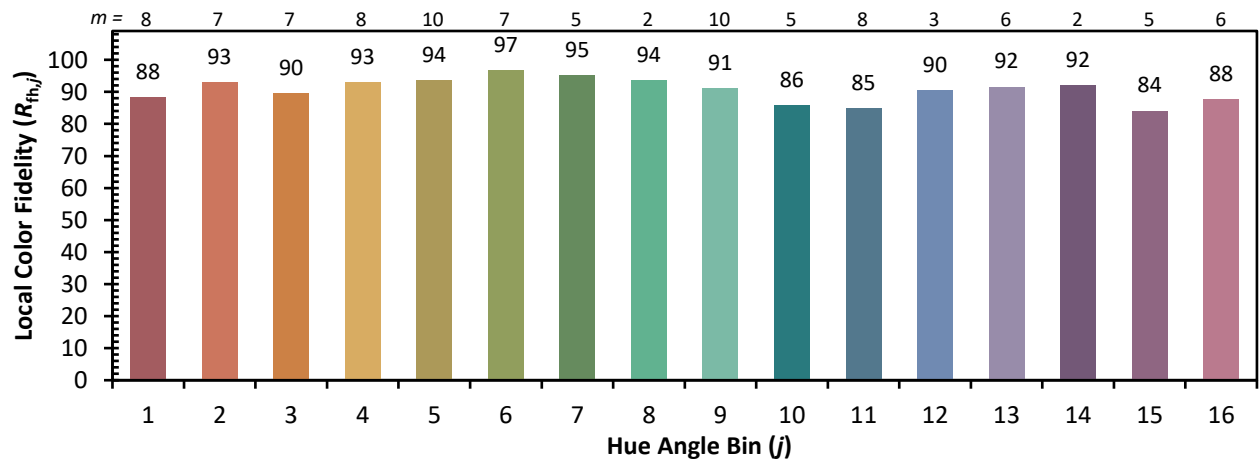
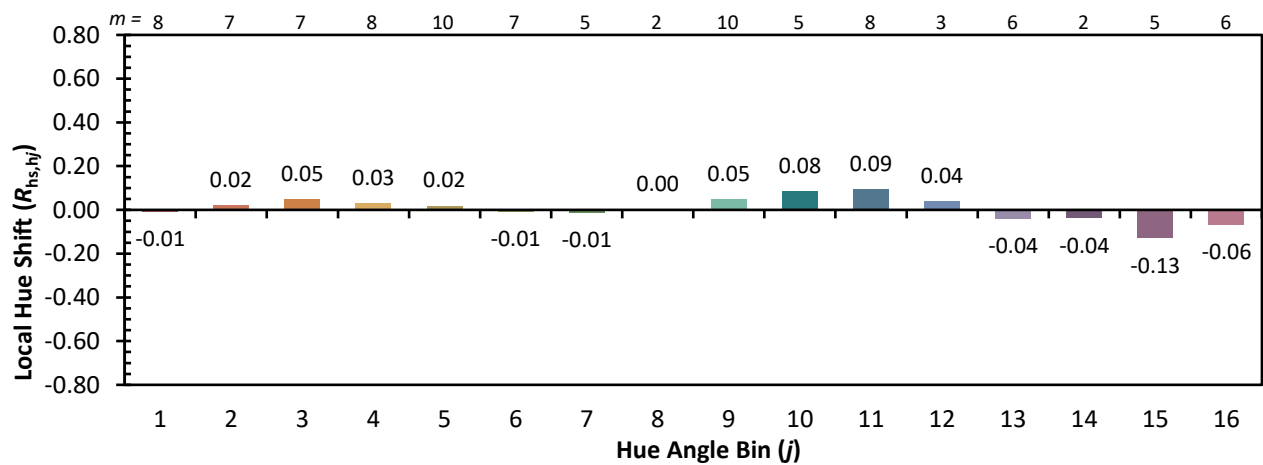
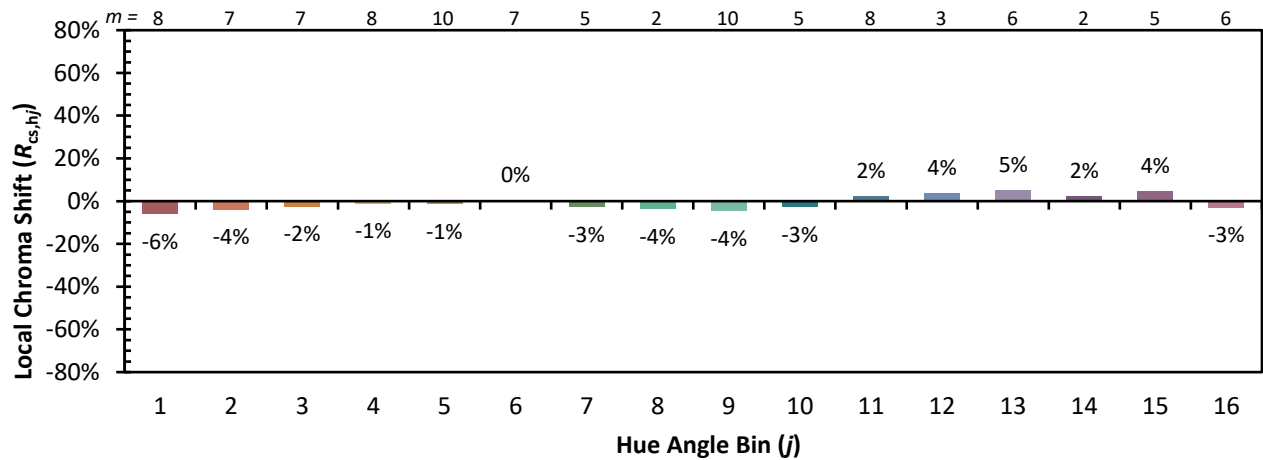


Individual Sample Fidelity Index ($R_{f,i}$)

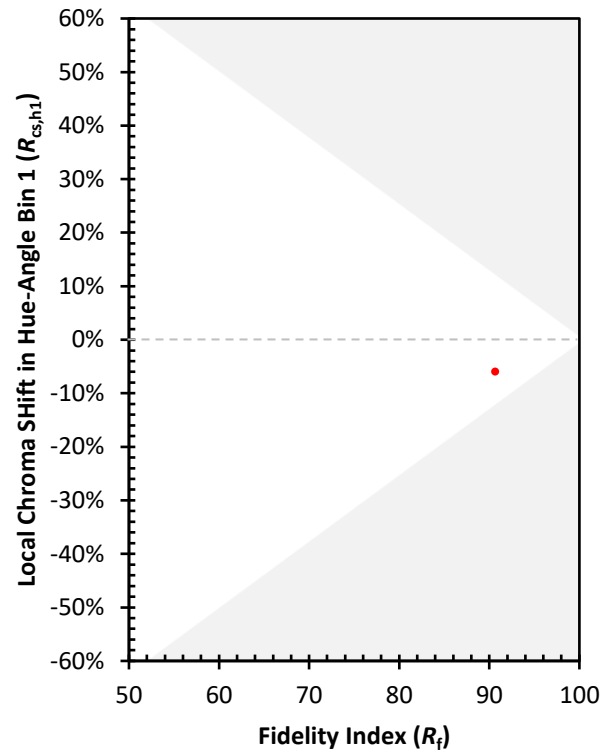
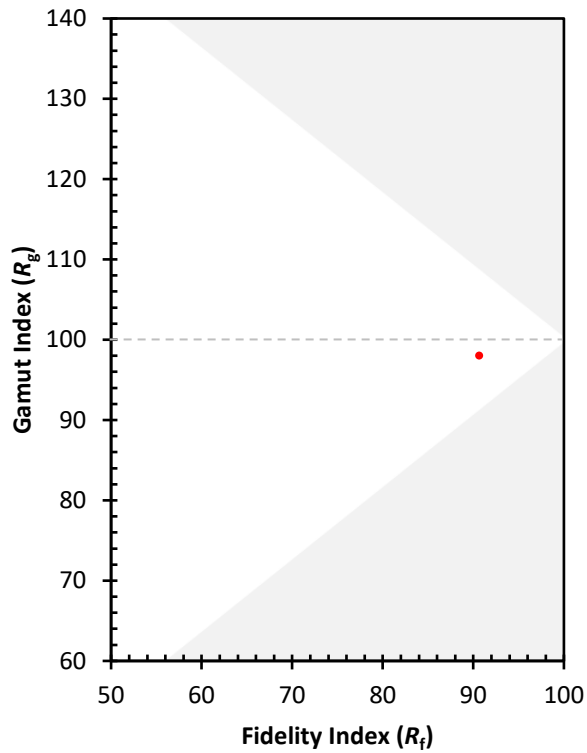
CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82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