

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: P1065078

Luminaire Tested: **GLAN-SA5B-950-U-RBC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1065078
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA5B-950-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE
90CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (70) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16062.5 lumens
Efficiency: N/A
Efficacy: 89.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

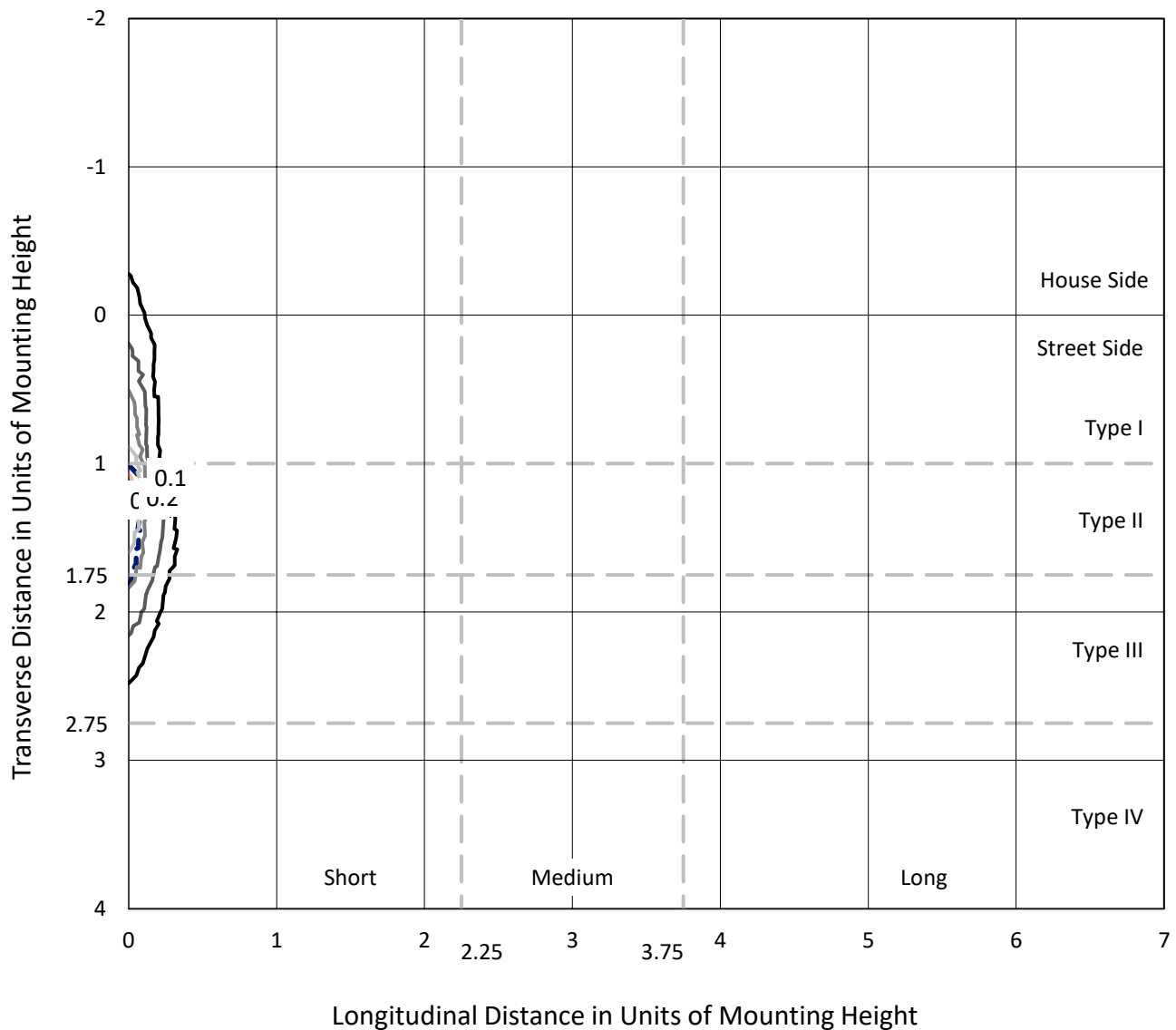
Input Watts (W): 178.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

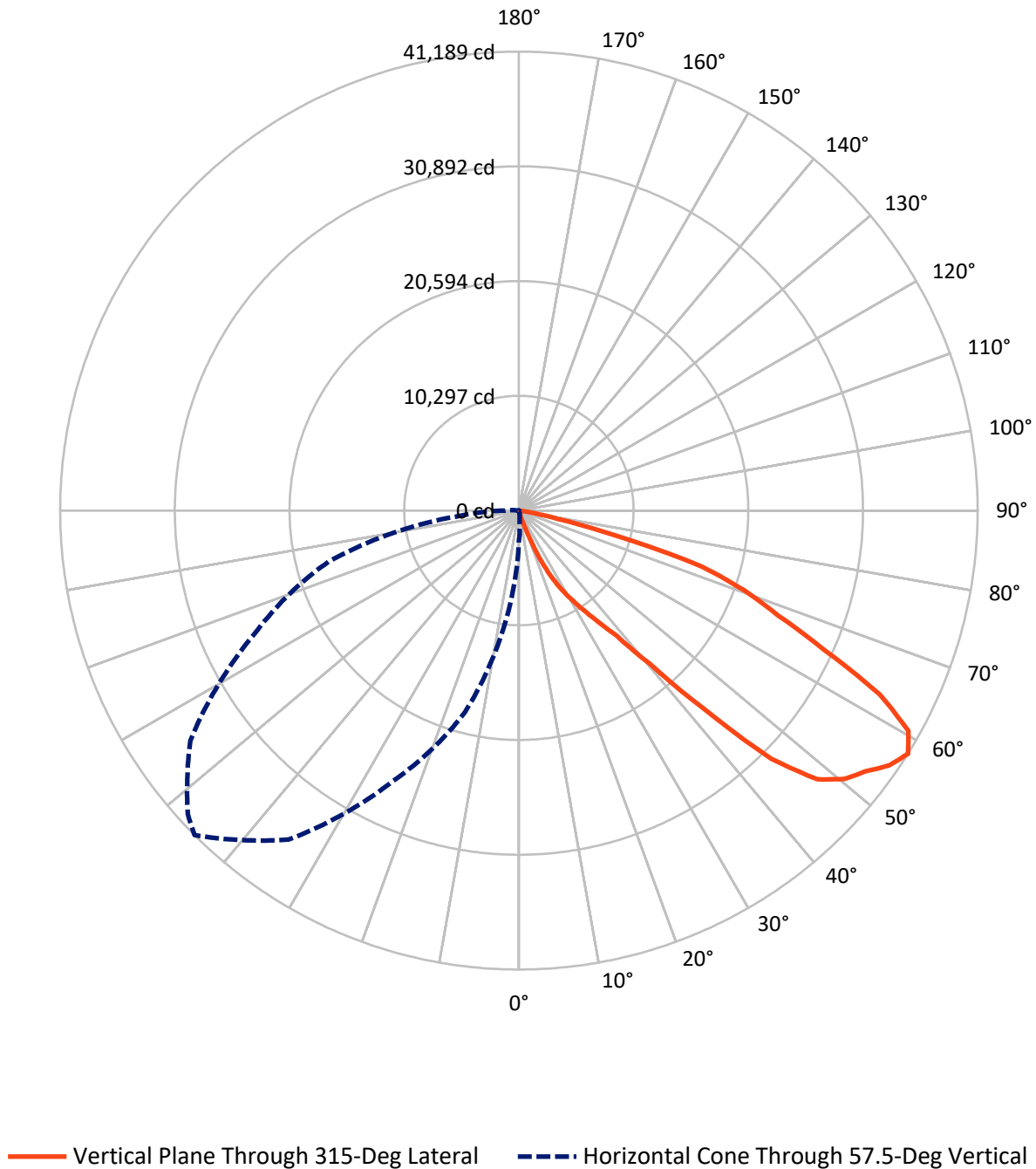
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 2.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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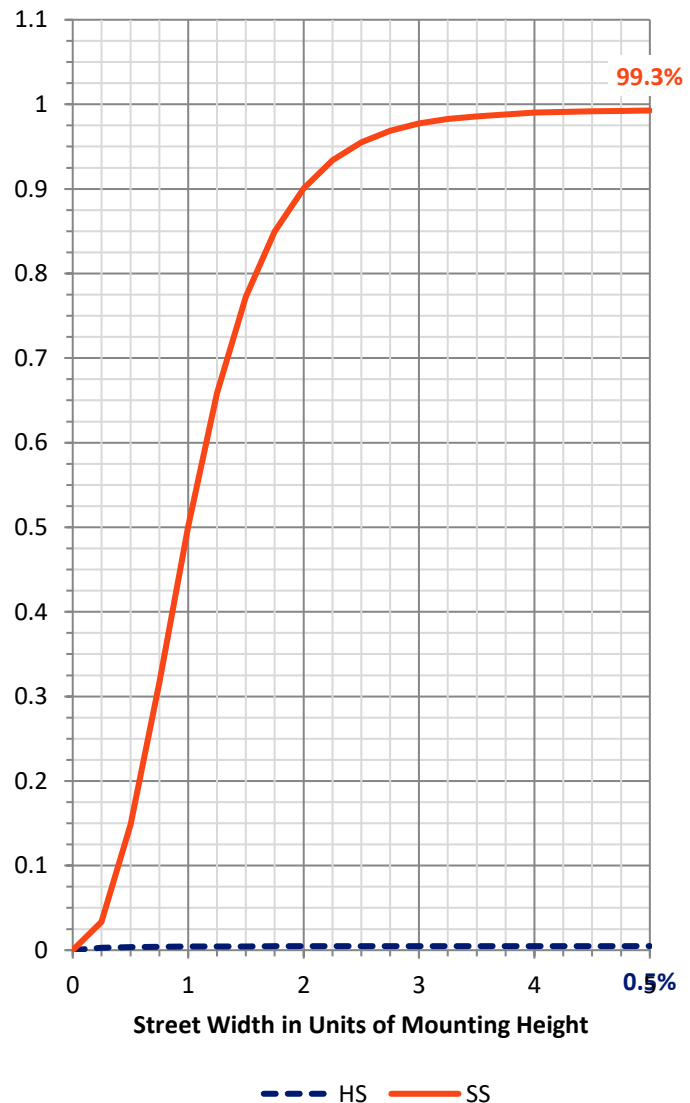
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	80.4	0.0	80.4
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	15982.1	0.0	15982.1
	% Fixture	99.5	0.0	99.5
Total	Lumens	16062.5	0.0	16062.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.3	0.0
10°-20°	35.3	0.2
20°-30°	380.7	2.4
30°-40°	1125.7	7.0
40°-50°	3354.8	20.9
50°-60°	5319.5	33.1
60°-70°	4440.5	27.6
70°-80°	1369.3	8.5
80°-90°	30.4	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	16062.5	100.0
0°-180°	16062.5	100.0



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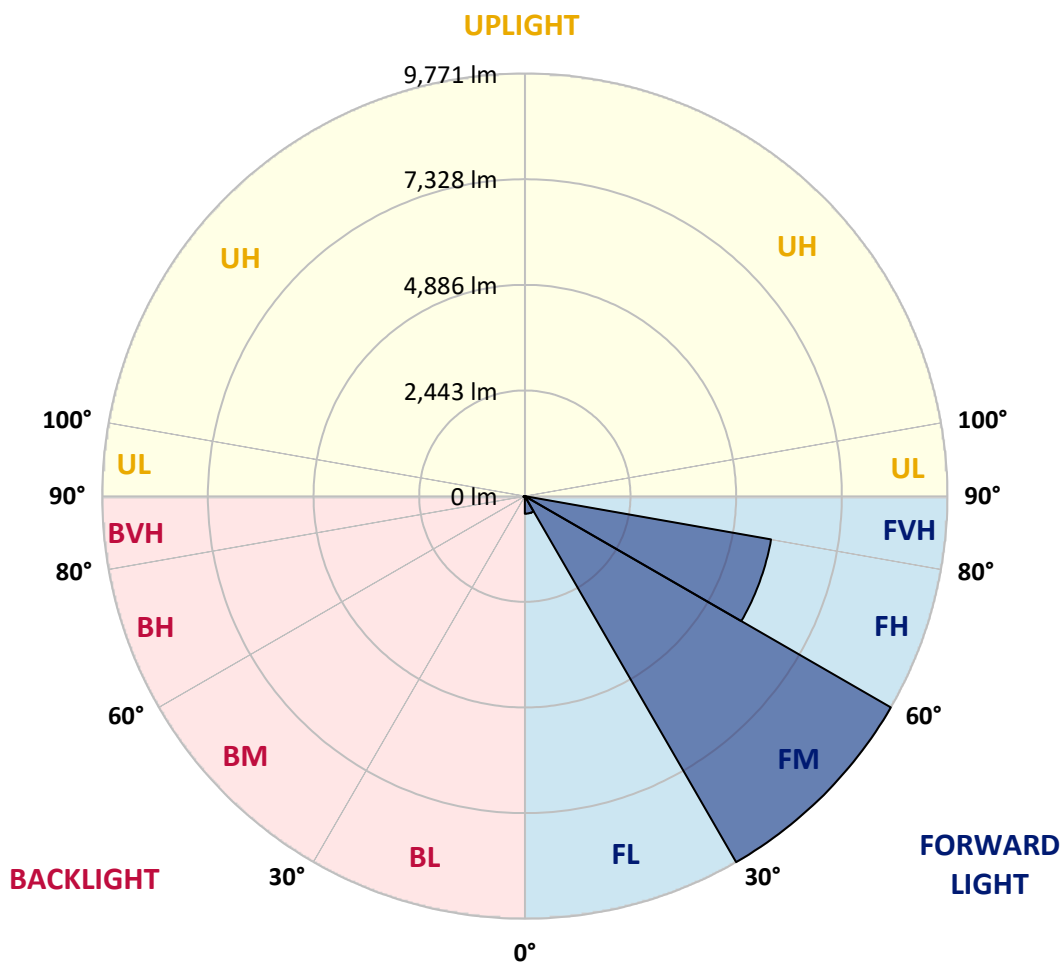
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	407.5	2.5			
FM	(30°-60°)	9771.3	60.8			
FH	(60°-80°)	5779.8	36.0			G3/7500
FVH	(80°-90°)	23.5	0.1			G1/100
BL	(0°-30°)	14.8	0.1	B0/110		
BM	(30°-60°)	28.8	0.2	B0/220		
BH	(60°-80°)	30.0	0.2	B0/110		G0/110
BVH	(80°-90°)	6.9	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°	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
2.5°	64.3	64.3	64.3	64.3	63.1	63.1	61.9	61.9	60.7	60.7
5°	68.0	68.0	66.8	65.5	65.5	64.3	63.1	61.9	61.9	60.7
7.5°	74.0	72.8	71.6	70.4	68.0	66.8	64.3	63.1	61.9	59.5
10°	81.3	78.9	76.5	74.0	71.6	69.2	66.8	65.5	63.1	61.9
12.5°	91.0	87.4	82.5	78.9	76.5	72.8	70.4	68.0	64.3	61.9
15°	99.5	94.7	88.6	83.8	80.1	75.3	71.6	68.0	65.5	61.9
17.5°	111.7	103.2	93.5	87.4	82.5	76.5	70.4	66.8	63.1	58.3
20°	132.3	115.3	97.1	89.8	82.5	75.3	68.0	63.1	59.5	54.6
22.5°	165.1	135.9	106.8	95.9	86.2	75.3	65.5	60.7	55.8	51.0
25°	228.2	176.0	123.8	109.2	94.7	80.1	65.5	59.5	54.6	48.6
27.5°	303.5	225.8	146.9	126.2	106.8	86.2	65.5	58.3	52.2	44.9
30°	379.9	276.8	172.4	145.7	119.0	92.3	65.5	57.0	49.8	41.3
32.5°	452.8	324.1	194.2	162.7	131.1	98.3	66.8	57.0	47.3	37.6
35°	526.8	362.9	197.9	165.1	132.3	98.3	65.5	54.6	44.9	34.0
37.5°	621.5	406.6	190.6	157.8	126.2	93.5	61.9	52.2	42.5	31.6
40°	764.7	479.5	194.2	160.2	126.2	92.3	58.3	48.6	40.1	30.3
42.5°	1029.3	620.3	210.0	171.1	132.3	92.3	53.4	44.9	37.6	29.1
45°	1779.5	1030.5	281.6	223.3	165.1	106.8	48.6	41.3	35.2	27.9
47.5°	2943.5	1724.9	506.2	390.9	276.8	161.4	47.3	41.3	35.2	27.9
50°	3756.8	2197.0	637.3	490.4	343.5	196.6	49.8	42.5	36.4	29.1
52.5°	3750.7	2231.0	710.1	545.0	381.1	216.1	52.2	44.9	38.8	31.6
55°	3334.4	2029.5	723.4	555.9	389.6	222.1	55.8	48.6	41.3	34.0
57.5°	2787.0	1723.6	660.3	511.0	362.9	213.6	64.3	55.8	48.6	40.1
60°	2204.3	1359.5	514.7	406.6	299.8	191.8	85.0	74.0	64.3	53.4
62.5°	1522.1	985.6	449.1	360.5	273.1	184.5	97.1	86.2	76.5	65.5
65°	1076.7	741.6	405.4	330.2	256.1	180.9	105.6	93.5	82.5	70.4
67.5°	804.8	589.9	373.9	309.5	245.2	180.9	116.5	102.0	88.6	74.0
70°	616.6	484.3	350.8	298.6	247.6	195.4	143.2	122.6	103.2	82.5
72.5°	502.5	413.9	324.1	286.5	248.8	211.2	173.6	146.9	120.2	92.3
75°	416.3	354.4	292.5	261.0	230.6	199.1	167.5	143.2	120.2	95.9
77.5°	276.8	252.5	227.0	208.8	190.6	171.1	152.9	132.3	112.9	92.3
80°	97.1	93.5	89.8	97.1	104.4	111.7	119.0	104.4	91.0	76.5
82.5°	14.6	13.4	12.1	13.4	14.6	15.8	17.0	18.2	19.4	20.6
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-SA5B-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°	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
0.0	2.5°	59.5	59.5	58.3	58.3	58.3	57.0	57.0	55.8	55.8	55.8
0.0	5°	58.3	58.3	57.0	55.8	54.6	54.6	53.4	52.2	52.2	51.0
0.0	7.5°	57.0	55.8	54.6	53.4	52.2	51.0	49.8	48.6	48.6	47.3
0.0	10°	58.3	55.8	54.6	52.2	51.0	49.8	47.3	46.1	44.9	44.9
0.0	12.5°	55.8	54.6	52.2	49.8	48.6	46.1	44.9	42.5	41.3	41.3
0.0	15°	55.8	53.4	49.8	47.3	44.9	43.7	41.3	38.8	37.6	36.4
0.0	17.5°	52.2	49.8	46.1	43.7	41.3	38.8	36.4	34.0	32.8	31.6
0.0	20°	47.3	44.9	41.3	37.6	35.2	32.8	30.3	27.9	26.7	25.5
0.0	22.5°	42.5	40.1	36.4	32.8	30.3	27.9	24.3	21.8	20.6	18.2
0.0	25°	40.1	36.4	32.8	29.1	25.5	23.1	19.4	15.8	13.4	10.9
0.0	27.5°	34.0	30.3	26.7	23.1	19.4	15.8	12.1	8.5	6.1	4.9
0.0	30°	29.1	25.5	21.8	18.2	13.4	9.7	6.1	1.2	1.2	1.2
0.0	32.5°	24.3	20.6	15.8	12.1	9.7	6.1	3.6	0.0	0.0	0.0
0.0	35°	19.4	15.8	10.9	7.3	6.1	3.6	2.4	0.0	0.0	0.0
0.0	37.5°	17.0	13.4	8.5	3.6	2.4	2.4	1.2	0.0	0.0	0.0
0.0	40°	15.8	10.9	6.1	1.2	1.2	1.2	0.0	0.0	0.0	0.0
0.0	42.5°	15.8	10.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	15.8	10.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	15.8	10.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	17.0	12.1	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	19.4	14.6	9.7	4.9	3.6	2.4	1.2	0.0	0.0	0.0
0.0	55°	24.3	21.8	18.2	15.8	12.1	8.5	3.6	0.0	0.0	0.0
0.0	57.5°	31.6	31.6	30.3	29.1	21.8	14.6	7.3	0.0	0.0	0.0
0.0	60°	42.5	42.5	42.5	42.5	31.6	21.8	10.9	0.0	0.0	0.0
0.0	62.5°	52.2	49.8	46.1	43.7	32.8	21.8	10.9	0.0	0.0	0.0
0.0	65°	52.2	47.3	41.3	35.2	26.7	18.2	8.5	0.0	0.0	0.0
0.0	67.5°	48.6	38.8	27.9	18.2	13.4	9.7	4.9	0.0	0.0	0.0
	70°	48.6	34.0	19.4	4.9	3.6	2.4	1.2	0.0	0.0	0.0
	72.5°	48.6	32.8	15.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	53.4	36.4	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	53.4	36.4	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	47.3	31.6	15.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	15.8	10.9	4.9	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-SA5B-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°	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
0.0	2.5°	54.6	54.6	54.6	53.4	53.4	53.4	53.4	52.2	52.2	52.2
0.0	5°	49.8	49.8	48.6	48.6	47.3	47.3	46.1	46.1	44.9	44.9
0.0	7.5°	46.1	44.9	44.9	43.7	42.5	42.5	41.3	41.3	40.1	38.8
0.0	10°	42.5	41.3	41.3	40.1	38.8	37.6	37.6	36.4	35.2	34.0
0.0	12.5°	38.8	37.6	36.4	35.2	34.0	32.8	32.8	31.6	30.3	29.1
0.0	15°	34.0	32.8	31.6	30.3	29.1	27.9	27.9	26.7	25.5	24.3
0.0	17.5°	29.1	27.9	27.9	26.7	25.5	24.3	23.1	20.6	19.4	18.2
0.0	20°	21.8	20.6	19.4	18.2	17.0	14.6	13.4	10.9	8.5	7.3
0.0	22.5°	14.6	12.1	10.9	8.5	6.1	4.9	3.6	1.2	0.0	0.0
0.0	25°	4.9	3.6	2.4	1.2	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: P1065078

CATALOG NUMBER: GLAN-SA5B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065078

CATALOG NUMBER: GLAN-SA5B-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°	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
0.0	2.5°	51.0	51.0	51.0	49.8	49.8	49.8	49.8	49.8	49.8	49.8
0.0	5°	43.7	43.7	43.7	42.5	42.5	41.3	41.3	41.3	40.1	40.1
0.0	7.5°	37.6	36.4	36.4	35.2	35.2	34.0	34.0	34.0	32.8	32.8
0.0	10°	31.6	30.3	30.3	29.1	29.1	27.9	27.9	26.7	26.7	25.5
0.0	12.5°	27.9	26.7	25.5	24.3	24.3	23.1	21.8	21.8	20.6	19.4
0.0	15°	21.8	20.6	19.4	18.2	17.0	15.8	14.6	14.6	13.4	12.1
0.0	17.5°	14.6	12.1	10.9	9.7	9.7	8.5	7.3	6.1	4.9	3.6
0.0	20°	3.6	2.4	1.2	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: P1065078

CATALOG NUMBER: GLAN-SA5B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065078

CATALOG NUMBER: GLAN-SA5B-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°	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
0.0	2.5°	49.8	48.6	48.6	48.6	49.8	49.8	49.8	49.8	49.8	49.8
0.0	5°	40.1	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
0.0	7.5°	32.8	31.6	31.6	31.6	31.6	30.3	30.3	30.3	30.3	30.3
0.0	10°	25.5	24.3	24.3	24.3	24.3	23.1	23.1	23.1	23.1	23.1
0.0	12.5°	18.2	18.2	17.0	17.0	17.0	15.8	15.8	15.8	15.8	14.6
0.0	15°	10.9	9.7	8.5	8.5	8.5	7.3	7.3	7.3	7.3	6.1
0.0	17.5°	2.4	2.4	1.2	1.2	1.2	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

CATALOG NUMBER: GLAN-SA5B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065078

CATALOG NUMBER: GLAN-SA5B-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°	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
0.0	2.5°	51.0	51.0	52.2	52.2	53.4	55.8	57.0	58.3	60.7	63.1
0.0	5°	40.1	41.3	41.3	42.5	43.7	44.9	46.1	47.3	49.8	52.2
0.0	7.5°	31.6	31.6	32.8	32.8	34.0	36.4	37.6	38.8	41.3	44.9
0.0	10°	24.3	24.3	25.5	25.5	26.7	29.1	30.3	31.6	34.0	37.6
0.0	12.5°	15.8	17.0	17.0	18.2	19.4	21.8	23.1	24.3	26.7	29.1
0.0	15°	7.3	8.5	8.5	9.7	10.9	13.4	14.6	15.8	18.2	21.8
0.0	17.5°	1.2	1.2	2.4	2.4	3.6	4.9	6.1	7.3	10.9	13.4
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	4.9
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
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: P1065078

CATALOG NUMBER: GLAN-SA5B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065078

CATALOG NUMBER: GLAN-SA5B-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°	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
0.0	2.5°	66.8	69.2	71.6	74.0	76.5	78.9	80.1	82.5	83.8	85.0
0.0	5°	57.0	59.5	63.1	65.5	68.0	70.4	72.8	74.0	75.3	76.5
0.0	7.5°	49.8	52.2	55.8	58.3	60.7	63.1	65.5	68.0	69.2	70.4
0.0	10°	42.5	46.1	48.6	52.2	54.6	57.0	59.5	61.9	64.3	65.5
0.0	12.5°	34.0	37.6	41.3	43.7	47.3	51.0	53.4	55.8	58.3	60.7
0.0	15°	26.7	30.3	34.0	36.4	40.1	43.7	47.3	49.8	52.2	54.6
0.0	17.5°	19.4	23.1	26.7	29.1	32.8	36.4	38.8	42.5	44.9	47.3
0.0	20°	9.7	13.4	17.0	20.6	24.3	27.9	30.3	34.0	36.4	38.8
0.0	22.5°	1.2	4.9	8.5	10.9	14.6	18.2	20.6	24.3	26.7	29.1
0.0	25°	0.0	1.2	3.6	4.9	6.1	8.5	10.9	13.4	15.8	18.2
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.2	2.4	4.9	7.3	9.7
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
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	1.2
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	2.4
	85°	0.0	0.0	0.0	0.0	0.0	2.4	3.6	6.1	7.3	8.5
	87.5°	0.0	1.2	2.4	3.6	4.9	7.3	9.7	12.1	13.4	14.6
	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: P1065078

CATALOG NUMBER: GLAN-SA5B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065078

CATALOG NUMBER: GLAN-SA5B-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°	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
0.0	2.5°	86.2	86.2	86.2	86.2	85.0	85.0	85.0	83.8	83.8	82.5
0.0	5°	78.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	78.9	78.9
0.0	7.5°	72.8	74.0	75.3	75.3	76.5	76.5	76.5	75.3	75.3	74.0
0.0	10°	69.2	70.4	70.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6
0.0	12.5°	64.3	65.5	66.8	66.8	68.0	68.0	68.0	68.0	66.8	66.8
0.0	15°	58.3	60.7	61.9	63.1	63.1	64.3	64.3	64.3	64.3	64.3
0.0	17.5°	53.4	55.8	57.0	58.3	58.3	59.5	59.5	60.7	60.7	60.7
0.0	20°	43.7	46.1	47.3	49.8	51.0	52.2	53.4	54.6	54.6	55.8
0.0	22.5°	34.0	36.4	37.6	40.1	41.3	42.5	43.7	44.9	46.1	47.3
0.0	25°	24.3	26.7	27.9	30.3	31.6	32.8	34.0	35.2	35.2	36.4
0.0	27.5°	13.4	15.8	18.2	19.4	21.8	23.1	24.3	25.5	26.7	27.9
0.0	30°	6.1	7.3	8.5	10.9	12.1	13.4	14.6	17.0	18.2	19.4
0.0	32.5°	0.0	0.0	1.2	3.6	4.9	6.1	7.3	8.5	8.5	9.7
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.4	3.6	4.9
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°	2.4	2.4	2.4	3.6	3.6	3.6	3.6	3.6	3.6	3.6
	82.5°	6.1	7.3	8.5	8.5	9.7	9.7	9.7	9.7	8.5	8.5
	85°	12.1	13.4	14.6	14.6	15.8	15.8	15.8	15.8	15.8	15.8
	87.5°	17.0	18.2	19.4	19.4	20.6	20.6	20.6	20.6	20.6	20.6
	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: P1065078

CATALOG NUMBER: GLAN-SA5B-950-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
70.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	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											
3.6											
8.5											
15.8											
20.6											
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REPORT NUMBER: P1065078

CATALOG NUMBER: GLAN-SA5B-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°	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
0.0	2.5°	81.3	81.3	80.1	80.1	80.1	80.1	80.1	81.3	82.5	82.5
0.0	5°	77.7	77.7	76.5	76.5	76.5	77.7	77.7	78.9	80.1	81.3
0.0	7.5°	74.0	72.8	72.8	74.0	74.0	75.3	75.3	76.5	77.7	78.9
0.0	10°	71.6	70.4	70.4	70.4	71.6	71.6	72.8	74.0	75.3	76.5
0.0	12.5°	66.8	66.8	66.8	66.8	68.0	68.0	69.2	70.4	72.8	74.0
0.0	15°	64.3	63.1	63.1	63.1	63.1	64.3	64.3	66.8	69.2	70.4
0.0	17.5°	59.5	59.5	58.3	58.3	59.5	59.5	60.7	63.1	65.5	66.8
0.0	20°	54.6	53.4	52.2	52.2	53.4	53.4	54.6	57.0	59.5	60.7
0.0	22.5°	47.3	46.1	46.1	46.1	46.1	47.3	47.3	49.8	53.4	55.8
0.0	25°	37.6	38.8	38.8	40.1	40.1	41.3	42.5	44.9	48.6	51.0
0.0	27.5°	29.1	30.3	30.3	32.8	34.0	35.2	36.4	40.1	43.7	46.1
0.0	30°	21.8	23.1	24.3	25.5	27.9	30.3	32.8	36.4	40.1	42.5
0.0	32.5°	13.4	15.8	17.0	19.4	21.8	24.3	26.7	30.3	35.2	38.8
0.0	35°	9.7	10.9	13.4	14.6	17.0	19.4	21.8	26.7	30.3	35.2
0.0	37.5°	4.9	7.3	9.7	12.1	14.6	17.0	19.4	24.3	29.1	32.8
0.0	40°	3.6	6.1	7.3	9.7	13.4	15.8	18.2	23.1	27.9	32.8
0.0	42.5°	2.4	3.6	4.9	8.5	10.9	14.6	18.2	23.1	27.9	32.8
0.0	45°	2.4	2.4	3.6	7.3	10.9	15.8	19.4	24.3	27.9	32.8
0.0	47.5°	2.4	3.6	4.9	9.7	12.1	15.8	19.4	23.1	27.9	31.6
0.0	50°	3.6	4.9	6.1	10.9	13.4	17.0	19.4	24.3	27.9	32.8
0.0	52.5°	2.4	3.6	4.9	9.7	13.4	18.2	21.8	26.7	31.6	35.2
0.0	55°	1.2	1.2	1.2	7.3	14.6	20.6	27.9	31.6	36.4	40.1
0.0	57.5°	0.0	0.0	0.0	4.9	14.6	23.1	31.6	36.4	41.3	44.9
0.0	60°	0.0	0.0	0.0	4.9	14.6	23.1	31.6	37.6	43.7	49.8
0.0	62.5°	0.0	0.0	0.0	4.9	12.1	19.4	26.7	36.4	47.3	57.0
0.0	65°	0.0	0.0	0.0	3.6	9.7	15.8	21.8	36.4	51.0	64.3
0.0	67.5°	0.0	0.0	0.0	3.6	9.7	14.6	20.6	36.4	51.0	66.8
	70°	0.0	0.0	0.0	3.6	9.7	15.8	21.8	36.4	51.0	65.5
	72.5°	0.0	0.0	0.0	3.6	10.9	17.0	24.3	36.4	48.6	60.7
	75°	0.0	0.0	0.0	4.9	10.9	18.2	25.5	36.4	47.3	57.0
	77.5°	0.0	0.0	0.0	3.6	10.9	17.0	24.3	35.2	46.1	55.8
	80°	3.6	2.4	2.4	6.1	10.9	15.8	20.6	31.6	43.7	54.6
	82.5°	7.3	7.3	6.1	8.5	10.9	14.6	18.2	27.9	38.8	48.6
	85°	14.6	14.6	13.4	14.6	14.6	15.8	17.0	21.8	26.7	31.6
	87.5°	19.4	19.4	18.2	18.2	18.2	17.0	17.0	17.0	17.0	15.8
	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: P1065078

CATALOG NUMBER: GLAN-SA5B-950-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
70.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.1											
72.8											
68.0											
66.8											
65.5											
58.3											
36.4											
15.8											
0.0											
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REPORT NUMBER: P1065078

CATALOG NUMBER: GLAN-SA5B-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°	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
0.0	2.5°	85.0	86.2	86.2	87.4	88.6	89.8	89.8	91.0	91.0	91.0
0.0	5°	83.8	86.2	87.4	88.6	89.8	91.0	92.3	93.5	94.7	94.7
0.0	7.5°	82.5	83.8	86.2	87.4	89.8	91.0	93.5	94.7	95.9	97.1
0.0	10°	80.1	82.5	85.0	87.4	89.8	92.3	94.7	97.1	99.5	100.7
0.0	12.5°	77.7	81.3	83.8	86.2	89.8	93.5	95.9	99.5	102.0	104.4
0.0	15°	76.5	78.9	82.5	85.0	89.8	94.7	98.3	103.2	108.0	111.7
0.0	17.5°	72.8	77.7	81.3	85.0	89.8	95.9	100.7	105.6	112.9	120.2
0.0	20°	68.0	71.6	76.5	80.1	87.4	93.5	100.7	106.8	117.7	128.7
0.0	22.5°	63.1	68.0	71.6	76.5	85.0	92.3	100.7	108.0	126.2	143.2
0.0	25°	58.3	64.3	69.2	74.0	83.8	93.5	103.2	112.9	143.2	173.6
0.0	27.5°	55.8	60.7	66.8	71.6	83.8	97.1	109.2	121.4	169.9	217.3
0.0	30°	52.2	58.3	63.1	69.2	85.0	100.7	116.5	132.3	206.4	280.4
0.0	32.5°	48.6	54.6	60.7	66.8	87.4	108.0	127.5	148.1	245.2	341.1
0.0	35°	44.9	52.2	58.3	64.3	91.0	119.0	145.7	172.4	280.4	387.2
0.0	37.5°	43.7	51.0	57.0	63.1	92.3	120.2	149.3	177.2	284.0	390.9
0.0	40°	44.9	51.0	58.3	64.3	88.6	112.9	135.9	160.2	271.9	382.4
0.0	42.5°	44.9	52.2	59.5	66.8	86.2	105.6	125.0	144.4	268.3	392.1
0.0	45°	43.7	51.0	58.3	65.5	83.8	100.7	119.0	135.9	290.1	443.0
0.0	47.5°	42.5	49.8	57.0	64.3	82.5	100.7	119.0	137.2	375.1	611.8
0.0	50°	42.5	49.8	55.8	61.9	83.8	106.8	128.7	150.5	546.2	940.7
0.0	52.5°	44.9	51.0	55.8	60.7	86.2	112.9	138.4	163.9	694.3	1223.5
0.0	55°	48.6	52.2	57.0	60.7	92.3	122.6	154.2	184.5	739.2	1293.9
0.0	57.5°	53.4	57.0	60.7	64.3	103.2	142.0	179.6	218.5	742.9	1266.0
0.0	60°	59.5	64.3	68.0	71.6	112.9	155.4	196.6	237.9	672.5	1105.8
0.0	62.5°	72.8	78.9	83.8	89.8	129.9	168.7	208.8	247.6	558.4	869.1
0.0	65°	83.8	88.6	93.5	98.3	137.2	177.2	216.1	254.9	473.4	691.9
0.0	67.5°	86.2	91.0	94.7	99.5	139.6	179.6	218.5	258.5	405.4	551.1
	70°	87.4	93.5	100.7	106.8	148.1	189.4	229.4	270.7	359.3	447.9
	72.5°	83.8	95.9	106.8	117.7	156.6	194.2	233.1	270.7	333.8	396.9
	75°	83.8	100.7	116.5	132.3	161.4	189.4	218.5	246.4	295.0	343.5
	77.5°	88.6	110.5	132.3	154.2	171.1	186.9	203.9	219.7	251.3	282.8
	80°	88.6	111.7	133.5	156.6	163.9	172.4	179.6	186.9	190.6	194.2
	82.5°	76.5	94.7	112.9	131.1	122.6	114.1	105.6	97.1	91.0	83.8
	85°	38.8	42.5	44.9	47.3	43.7	40.1	36.4	32.8	30.3	26.7
	87.5°	15.8	15.8	14.6	14.6	14.6	14.6	13.4	13.4	13.4	13.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1065078

CATALOG NUMBER: GLAN-SA5B-950-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
70.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
190.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
258.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
359.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
486.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
608.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
690.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
752.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
814.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
935.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1178.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1796.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2751.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3464.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3543.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3197.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2733.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2136.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1614.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1192.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
843.6											
627.5											
456.4											
343.5											
193.0											
87.4											
25.5											
12.1											
0.0											
0.0											
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REPORT NUMBER: P1065078

CATALOG NUMBER: GLAN-SA5B-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°	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
0.0	2.5°	91.0	89.8	89.8	88.6	87.4	86.2	85.0	83.8	82.5	81.3
0.0	5°	94.7	94.7	94.7	93.5	93.5	92.3	92.3	91.0	89.8	88.6
0.0	7.5°	98.3	99.5	99.5	100.7	100.7	100.7	100.7	99.5	99.5	99.5
0.0	10°	104.4	105.6	106.8	108.0	109.2	110.5	110.5	111.7	111.7	111.7
0.0	12.5°	111.7	115.3	117.7	121.4	123.8	127.5	129.9	133.5	135.9	138.4
0.0	15°	122.6	128.7	135.9	142.0	148.1	156.6	166.3	174.8	183.3	196.6
0.0	17.5°	138.4	157.8	177.2	195.4	214.8	257.3	299.8	341.1	383.6	445.5
0.0	20°	168.7	227.0	284.0	342.3	399.3	548.7	696.7	846.0	994.1	1153.1
0.0	22.5°	236.7	379.9	523.2	666.4	809.6	1121.6	1432.3	1744.3	2055.0	2420.4
0.0	25°	343.5	606.9	870.3	1132.5	1395.9	1883.9	2373.0	2861.0	3349.0	3823.6
0.0	27.5°	500.1	903.1	1306.1	1707.9	2110.8	2772.4	3435.1	4096.7	4758.2	5294.7
0.0	30°	693.1	1239.3	1785.5	2331.8	2878.0	3630.6	4383.1	5134.5	5887.1	6473.4
0.0	32.5°	875.2	1544.0	2212.8	2880.4	3549.2	4406.2	5264.4	6121.3	6978.3	7619.2
0.0	35°	994.1	1802.5	2612.2	3420.6	4229.0	5156.3	6083.7	7009.9	7937.2	8669.2
0.0	37.5°	1113.1	2046.5	2978.7	3912.2	4844.4	5862.8	6881.2	7899.6	8918.0	9822.3
0.0	40°	1246.6	2341.5	3435.1	4530.0	5623.7	6830.2	8035.6	9242.1	10447.4	11723.2
0.0	42.5°	1478.4	2830.7	4184.1	5536.3	6888.5	8484.7	10080.9	11675.8	13272.0	15092.8
0.0	45°	1914.2	3819.9	5726.8	7632.6	9538.3	11652.8	13768.5	15883.0	17997.5	20420.3
0.0	47.5°	2981.2	5603.0	8223.7	10845.6	13466.2	15749.4	18031.4	20314.7	22596.7	25009.7
0.0	50°	4561.6	7613.1	10664.7	13715.1	16766.6	18832.6	20897.3	22963.2	25028.0	27323.3
0.0	52.5°	5705.0	8884.0	12064.3	15243.3	18422.3	20286.7	22152.4	24016.8	25881.3	28026.1
0.0	55°	5791.2	8952.0	12114.0	15274.8	18435.6	20308.6	22181.5	24054.5	25927.4	28200.9
0.0	57.5°	5127.2	8262.5	11396.6	14532.0	17666.1	19798.8	21930.3	24063.0	26194.4	28652.5
0.0	60°	4361.3	7497.8	10633.1	13769.7	16905.0	19361.8	21819.8	24276.6	26733.4	29036.0
0.0	62.5°	3402.4	6628.7	9856.3	13082.7	16309.0	18803.4	21297.9	23791.1	26285.5	28012.8
0.0	65°	2535.7	5668.6	8801.5	11933.2	15066.1	17064.0	19062.0	21058.7	23056.7	24126.1
0.0	67.5°	1832.9	4534.9	7235.6	9937.6	12638.4	14068.3	15498.2	16926.9	18356.7	19174.9
	70°	1239.3	3111.0	4981.6	6853.3	8723.8	9898.8	11075.0	12250.0	13425.0	14529.5
	72.5°	858.2	1909.4	2961.7	4012.9	5064.1	6246.4	7427.4	8609.7	9790.8	10959.7
	75°	569.3	1047.5	1527.0	2005.2	2483.5	3358.7	4235.1	5110.2	5985.4	6682.1
	77.5°	404.2	547.4	691.9	835.1	978.3	1142.2	1307.3	1471.2	1635.0	1883.9
	80°	191.8	210.0	228.2	245.2	263.4	322.9	382.4	441.8	501.3	564.4
	82.5°	91.0	98.3	105.6	111.7	119.0	125.0	131.1	137.2	143.2	137.2
	85°	24.3	24.3	25.5	25.5	25.5	25.5	25.5	25.5	25.5	24.3
	87.5°	10.9	10.9	10.9	10.9	10.9	10.9	10.9	9.7	9.7	8.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1065078

CATALOG NUMBER: GLAN-SA5B-950-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
70.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
211.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
506.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1313.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2785.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4298.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5831.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7060.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8261.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9401.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10727.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12998.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16913.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22843.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27422.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29618.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30171.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30475.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31110.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31337.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29741.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25196.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19994.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15632.9											
12128.6											
7378.9											
2132.7											
627.5											
129.9											
23.1											
8.5											
0.0											
0.0											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1065078

CATALOG NUMBER: GLAN-SA5B-950-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
0.0	2.5°	78.9	77.7	76.5	75.3	74.0	71.6	71.6	70.4	70.4
0.0	5°	86.2	85.0	83.8	82.5	82.5	81.3	80.1	80.1	78.9
0.0	7.5°	98.3	97.1	95.9	94.7	94.7	93.5	93.5	92.3	92.3
0.0	10°	112.9	112.9	112.9	112.9	112.9	111.7	111.7	111.7	110.5
0.0	12.5°	142.0	143.2	145.7	148.1	151.7	151.7	151.7	150.5	150.5
0.0	15°	224.6	237.9	247.6	257.3	265.8	285.2	282.8	279.2	276.8
0.0	17.5°	568.1	628.8	661.5	693.1	725.9	815.7	801.1	786.6	773.2
0.0	20°	1472.4	1631.4	1737.0	1842.6	1949.4	2118.1	2076.9	2035.6	1994.3
0.0	22.5°	3149.9	3515.3	3674.3	3833.3	3991.1	4195.0	4062.7	3930.4	3799.3
0.0	25°	4771.6	5246.2	5514.4	5782.7	6049.7	6166.3	5993.9	5820.3	5647.9
0.0	27.5°	6367.8	6904.3	7141.0	7376.4	7613.1	7857.1	7643.5	7428.6	7215.0
0.0	30°	7647.1	8233.4	8489.5	8744.4	9000.5	9170.5	8949.6	8727.4	8506.5
0.0	32.5°	8902.2	9543.1	9823.5	10103.9	10383.1	10627.1	10355.2	10082.1	9810.2
0.0	35°	10131.8	10863.8	11249.8	11635.8	12021.8	12248.8	11925.9	11601.8	11278.9
0.0	37.5°	11632.1	12536.4	12968.6	13400.7	13832.8	14246.7	13891.1	13534.2	13178.5
0.0	40°	14274.6	15550.4	16213.1	16877.1	17539.8	18073.9	17624.8	17175.7	16726.6
0.0	42.5°	18734.2	20555.0	21507.8	22459.5	23412.3	24246.2	23774.1	23301.9	22829.7
0.0	45°	25265.9	27688.7	28850.3	30010.7	31172.4	31781.7	31102.0	30421.0	29741.3
0.0	47.5°	29834.7	32247.8	33282.0	34316.2	35350.4	36045.9	35214.4	34382.9	33552.7
0.0	50°	31912.8	34208.2	35246.0	36282.6	37320.4	37872.7	36912.6	35951.2	34991.1
0.0	52.5°	32314.6	34459.4	35697.5	36936.8	38174.9	38913.0	37779.2	36644.3	35510.6
0.0	55°	32749.1	35022.6	36458.6	37895.8	39331.7	40353.8	39072.0	37788.9	36507.1
0.0	57.5°	33567.2	36025.3	37457.6	38888.7	40321.0	41188.9	39903.4	38616.8	37331.3
0.0	60°	33640.1	35941.5	37172.3	38404.4	39635.2	40181.4	38951.8	37721.0	36491.4
0.0	62.5°	31468.5	33195.8	34050.4	34904.9	35759.4	36353.0	35070.0	33785.7	32502.7
0.0	65°	26266.1	27335.4	28016.4	28697.4	29378.3	30086.0	28911.0	27736.0	26561.0
0.0	67.5°	20812.3	21630.4	22527.5	23424.5	24321.5	25077.7	24137.0	23195.1	22254.4
	70°	16737.5	17840.9	18849.6	19858.3	20866.9	21486.0	20541.6	19596.1	18651.7
	72.5°	13297.5	14466.4	15308.8	16150.0	16992.4	17144.1	16449.8	15755.5	15062.4
	75°	8074.4	8771.1	8788.1	8803.9	8820.9	8965.3	8390.0	7814.6	7240.5
	77.5°	2381.5	2630.4	2835.5	3039.4	3244.6	3492.2	3281.0	3068.6	2857.4
	80°	689.5	752.6	806.0	858.2	911.6	880.0	830.3	780.5	730.7
	82.5°	123.8	116.5	115.3	114.1	114.1	108.0	98.3	88.6	78.9
	85°	21.8	20.6	19.4	18.2	17.0	15.8	13.4	12.1	9.7
	87.5°	7.3	6.1	4.9	3.6	3.6	1.2	1.2	1.2	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1065078

CATALOG NUMBER: GLAN-SA5B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065078

CATALOG NUMBER: GLAN-SA5B-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°	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
0.0	0.0	2.5°	69.2	68.0	68.0	68.0	68.0	66.8	66.8	66.8	66.8
0.0	0.0	5°	76.5	76.5	75.3	75.3	74.0	74.0	72.8	72.8	71.6
0.0	0.0	7.5°	89.8	88.6	87.4	86.2	85.0	82.5	81.3	80.1	80.1
0.0	0.0	10°	108.0	105.6	104.4	102.0	100.7	98.3	95.9	93.5	91.0
0.0	0.0	12.5°	142.0	137.2	133.5	128.7	123.8	120.2	115.3	111.7	106.8
0.0	0.0	15°	246.4	234.3	220.9	205.1	188.1	172.4	155.4	145.7	134.7
0.0	0.0	17.5°	630.0	566.9	502.5	450.3	398.1	347.2	295.0	257.3	219.7
0.0	0.0	20°	1603.5	1428.7	1253.9	1081.5	907.9	735.6	562.0	474.6	387.2
0.0	0.0	22.5°	3017.6	2693.5	2368.2	2053.8	1738.2	1423.8	1109.4	911.6	714.9
0.0	0.0	25°	4657.5	4249.6	3841.8	3324.7	2806.4	2289.3	1772.2	1450.5	1128.9
0.0	0.0	27.5°	6060.7	5590.9	5121.1	4492.4	3863.6	3234.9	2606.1	2126.6	1648.4
0.0	0.0	30°	7275.7	6770.7	6265.8	5533.8	4801.9	4070.0	3338.0	2738.4	2138.8
0.0	0.0	32.5°	8329.3	7724.8	7120.3	6365.3	5610.3	4855.3	4100.3	3364.7	2629.2
0.0	0.0	35°	9544.3	8839.1	8132.7	7295.1	6456.4	5618.8	4781.3	3951.0	3119.5
0.0	0.0	37.5°	11088.3	10222.9	9356.2	8422.8	7489.3	6557.1	5623.7	4674.5	3725.2
0.0	0.0	40°	14044.0	12927.3	11810.6	10624.7	9437.5	8251.6	7065.7	5900.4	4735.1
0.0	0.0	42.5°	19339.9	17831.2	16322.4	14744.4	13165.2	11587.2	10008.0	8364.5	6719.8
0.0	0.0	45°	25316.8	23445.1	21572.2	19801.2	18029.0	16258.0	14487.1	12231.8	9976.5
0.0	0.0	47.5°	28677.9	26656.9	24635.9	22959.6	21283.3	19607.0	17930.7	15499.4	13068.1
0.0	0.0	50°	29914.8	27857.4	25800.0	24257.2	22713.2	21170.4	19626.4	17191.5	14755.3
0.0	0.0	52.5°	30178.2	28079.5	25980.8	24428.3	22875.8	21324.6	19772.1	17352.9	14933.7
0.0	0.0	55°	30719.6	28467.9	26215.1	24445.3	22675.6	20905.8	19136.0	16678.0	14220.0
0.0	0.0	57.5°	31427.3	29118.6	26809.9	24793.7	22777.5	20762.6	18746.4	16059.0	13371.5
0.0	0.0	60°	31241.6	29232.7	27222.6	25063.2	22902.5	20743.1	18582.5	15626.8	12670.0
0.0	0.0	62.5°	28017.6	26417.8	24816.7	23040.9	21263.9	19488.0	17712.2	14669.1	11626.1
0.0	0.0	65°	23049.4	21881.7	20714.0	19285.3	17855.4	16426.8	14998.1	12269.4	9541.9
0.0	0.0	67.5°	18680.8	17365.0	16048.0	14909.5	13769.7	12631.1	11491.3	9344.1	7196.8
		70°	14841.5	13410.4	11978.1	10866.2	9753.1	8641.3	7529.4	6101.9	4675.7
		72.5°	11786.3	10496.0	9205.7	8019.8	6832.6	5646.7	4459.6	3616.0	2772.4
		75°	5633.4	5117.5	4601.6	3981.4	3361.1	2740.8	2120.6	1752.8	1386.2
		77.5°	2087.8	1809.8	1530.6	1278.2	1025.7	774.4	521.9	478.2	434.6
		80°	540.2	471.0	400.6	350.8	299.8	250.0	200.3	180.9	162.7
		82.5°	61.9	57.0	53.4	51.0	47.3	44.9	41.3	37.6	34.0
		85°	3.6	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1065078
CATALOG NUMBER: GLAN-SA5B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065078

CATALOG NUMBER: GLAN-SA5B-950-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	70.4	70.4
0.0	0.0	2.5°	65.5	64.3
0.0	0.0	5°	69.2	68.0
0.0	0.0	7.5°	76.5	74.0
0.0	0.0	10°	83.8	81.3
0.0	0.0	12.5°	94.7	91.0
0.0	0.0	15°	106.8	99.5
0.0	0.0	17.5°	127.5	111.7
0.0	0.0	20°	172.4	132.3
0.0	0.0	22.5°	242.8	165.1
0.0	0.0	25°	356.9	228.2
0.0	0.0	27.5°	496.5	303.5
0.0	0.0	30°	660.3	379.9
0.0	0.0	32.5°	804.8	452.8
0.0	0.0	35°	992.9	526.8
0.0	0.0	37.5°	1224.8	621.5
0.0	0.0	40°	1584.0	764.7
0.0	0.0	42.5°	2231.0	1029.3
0.0	0.0	45°	3623.3	1779.5
0.0	0.0	47.5°	5575.1	2943.5
0.0	0.0	50°	6820.5	3756.8
0.0	0.0	52.5°	6922.5	3750.7
0.0	0.0	55°	6319.2	3334.4
0.0	0.0	57.5°	5391.8	2787.0
0.0	0.0	60°	4481.5	2204.3
0.0	0.0	62.5°	3531.0	1522.1
0.0	0.0	65°	2580.6	1076.7
0.0	0.0	67.5°	1853.5	804.8
		70°	1218.7	616.6
		72.5°	793.8	502.5
		75°	534.1	416.3
		77.5°	312.0	276.8
		80°	110.5	97.1
		82.5°	20.6	14.6
		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: P1065078

CATALOG NUMBER: GLAN-SA5B-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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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

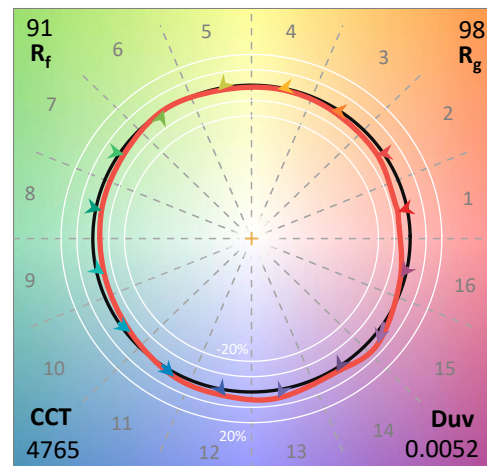
Test Information

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

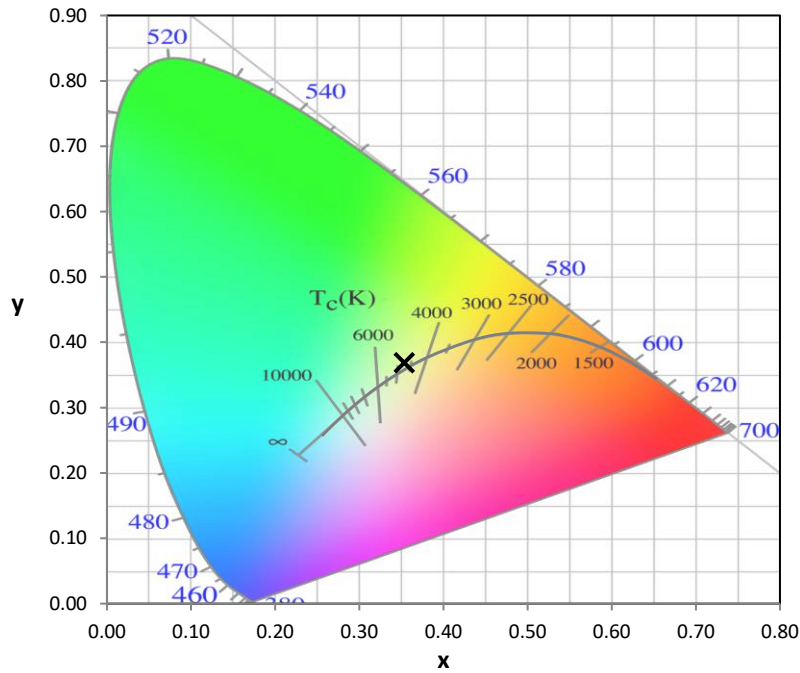
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-17

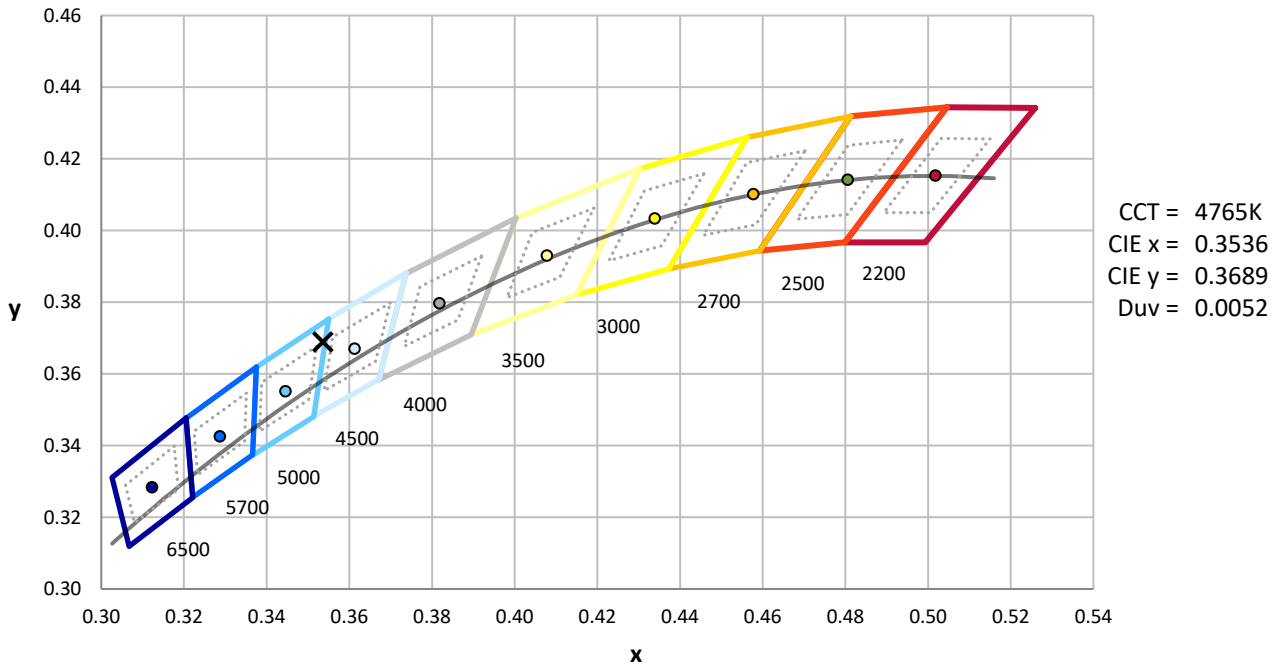
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



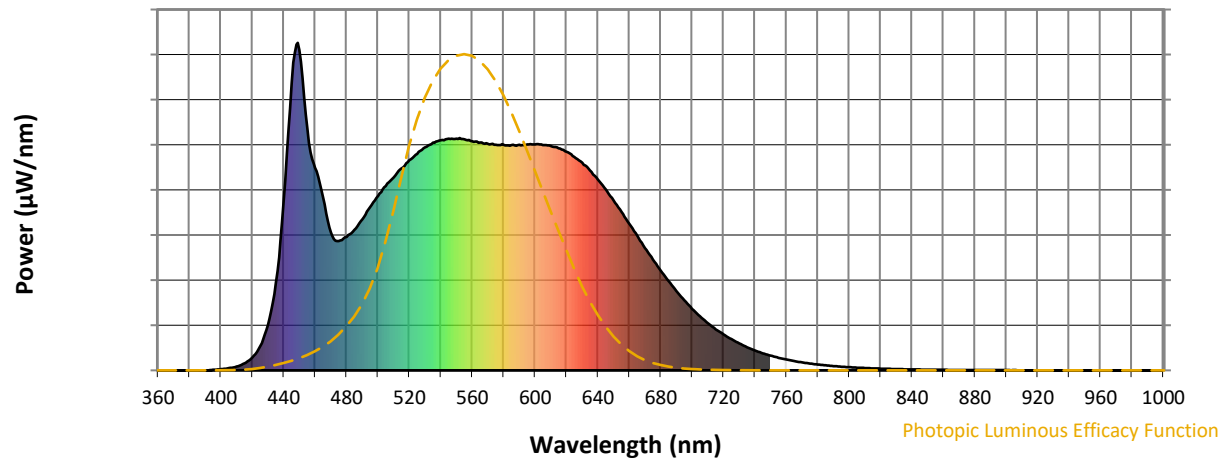
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

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Photopic Flux vs. Wavelength

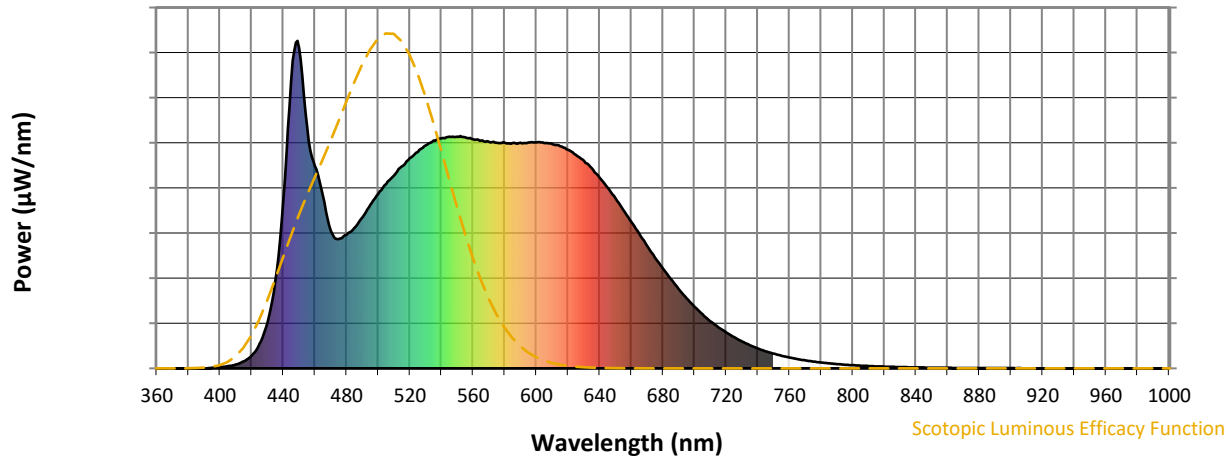


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength



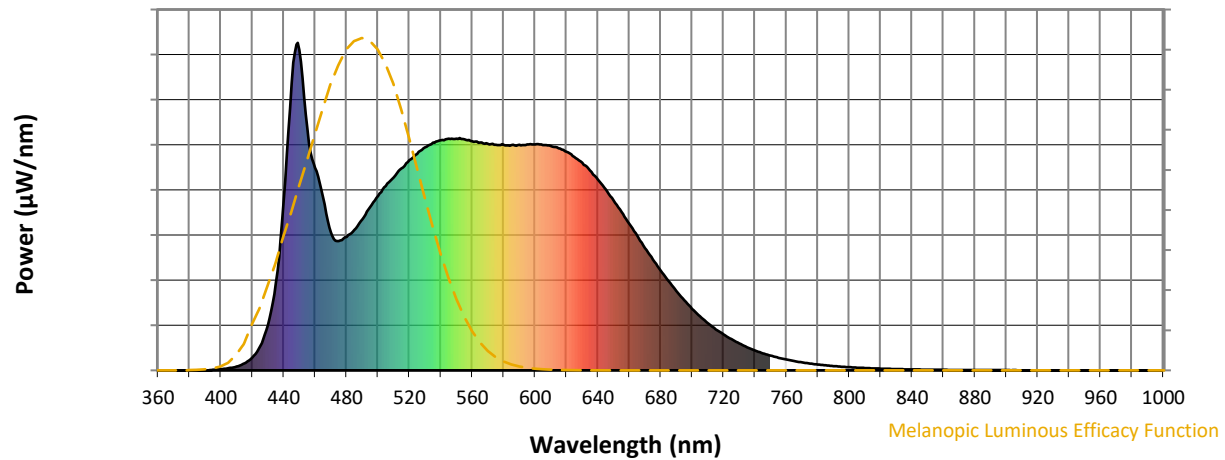
Scotopic Lumens: NR

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

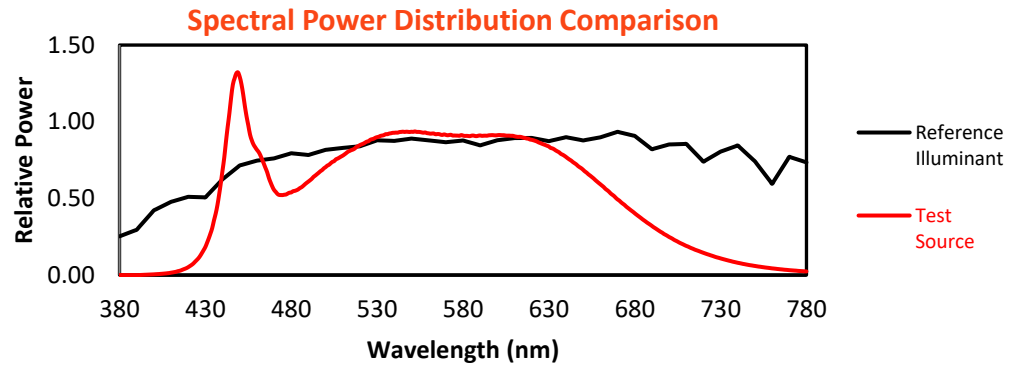
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	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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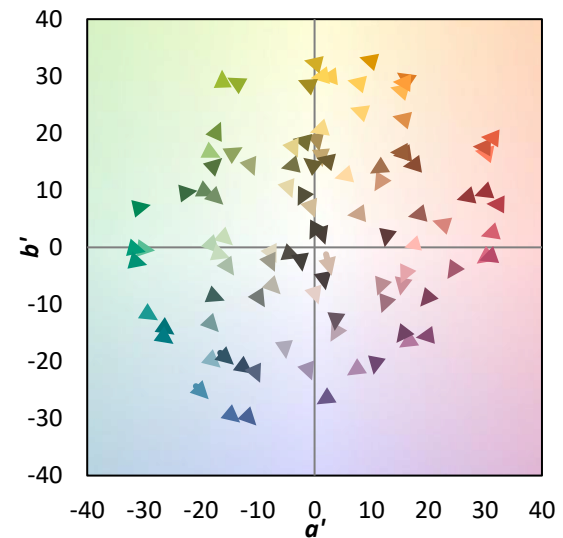
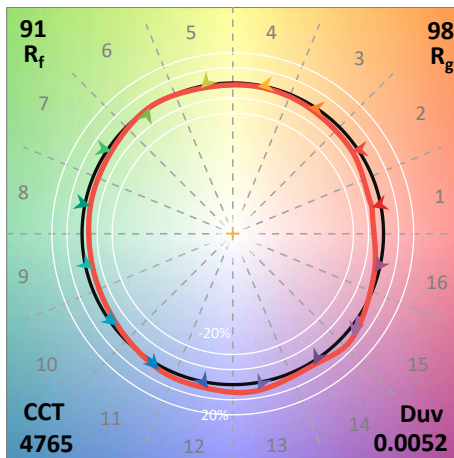
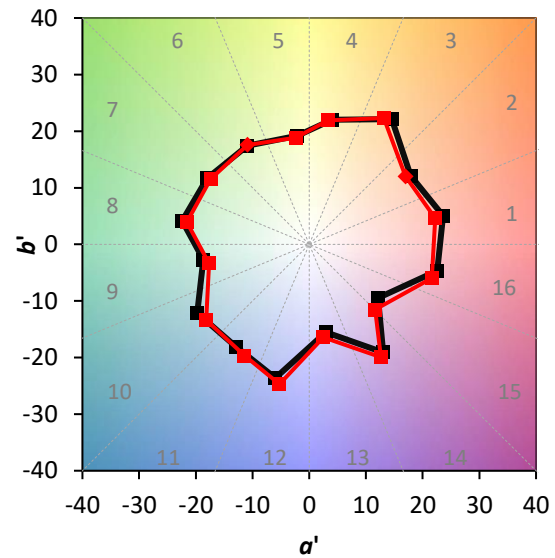
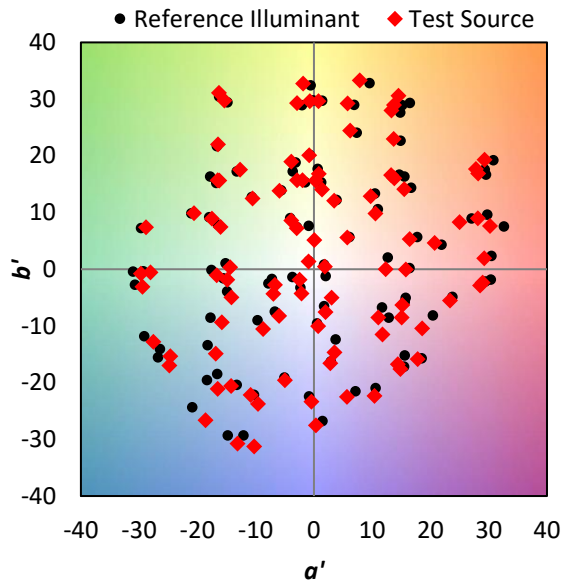
TM-30-18

Summary

$R_f = 90.7$
 $R_g = 98$
 $\text{CIE } R_a = 90.8$
 $R_9 = 54.9$

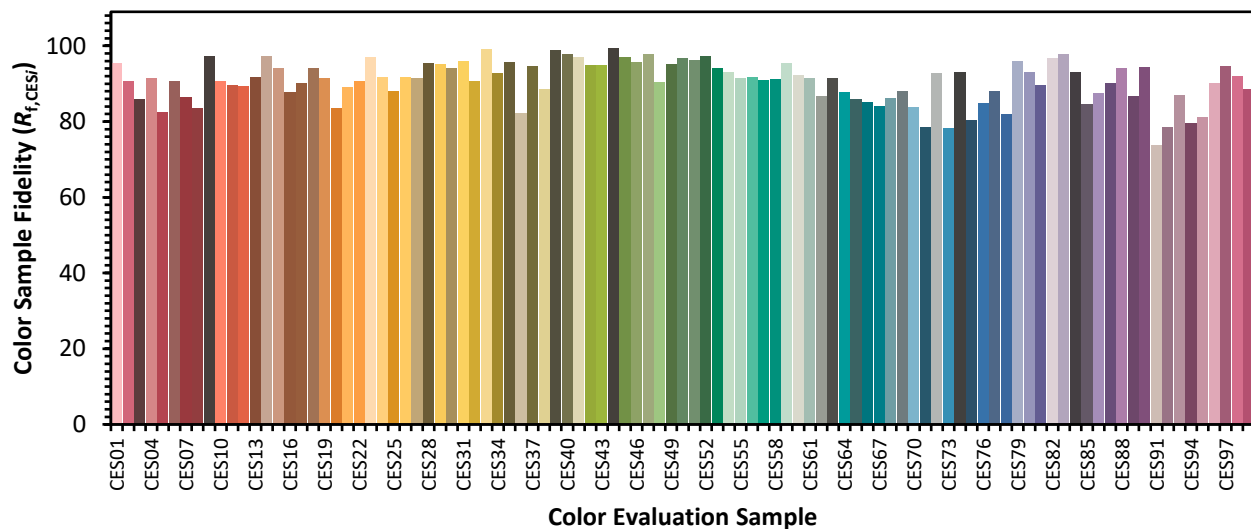


Color Vector Graphics

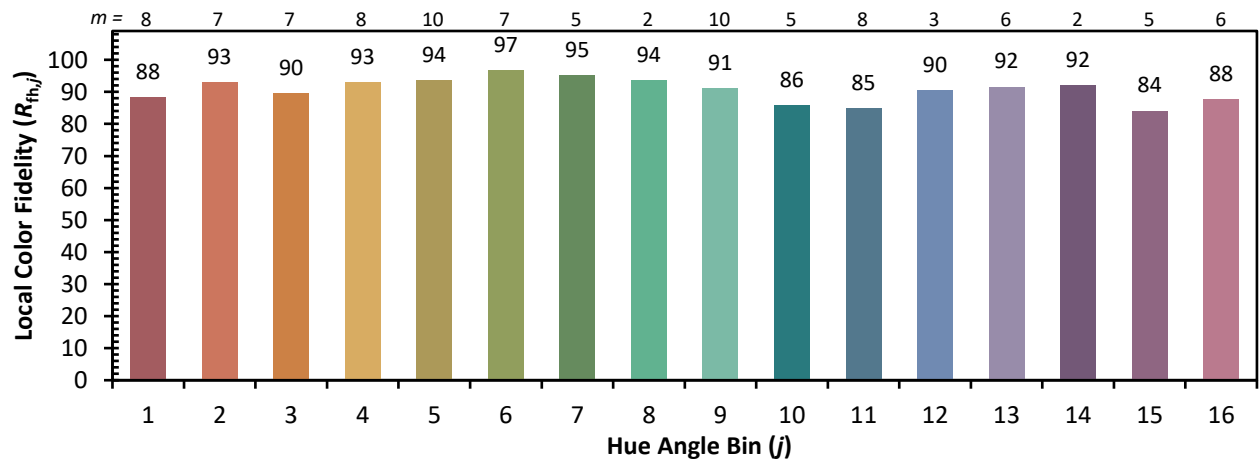
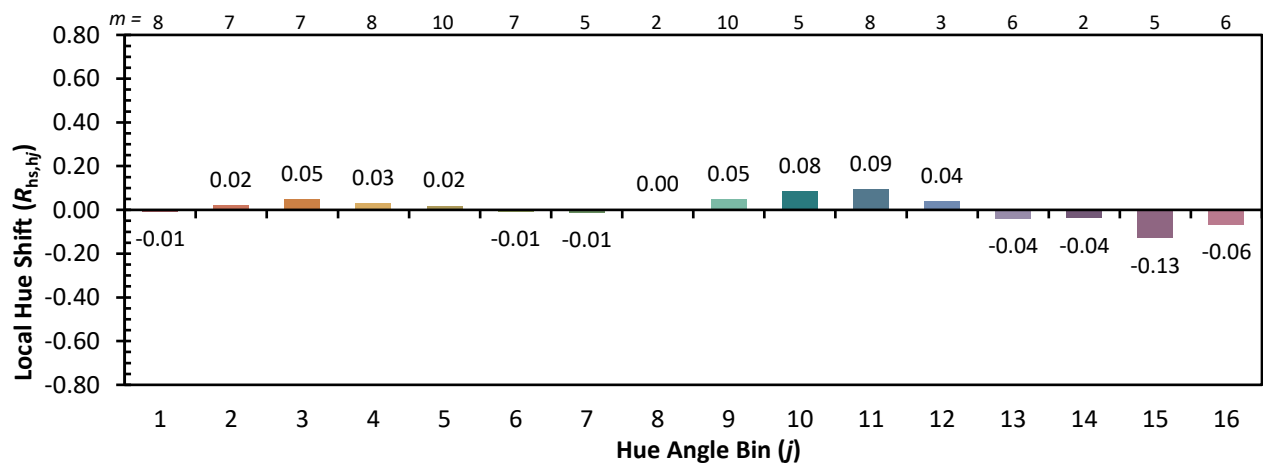
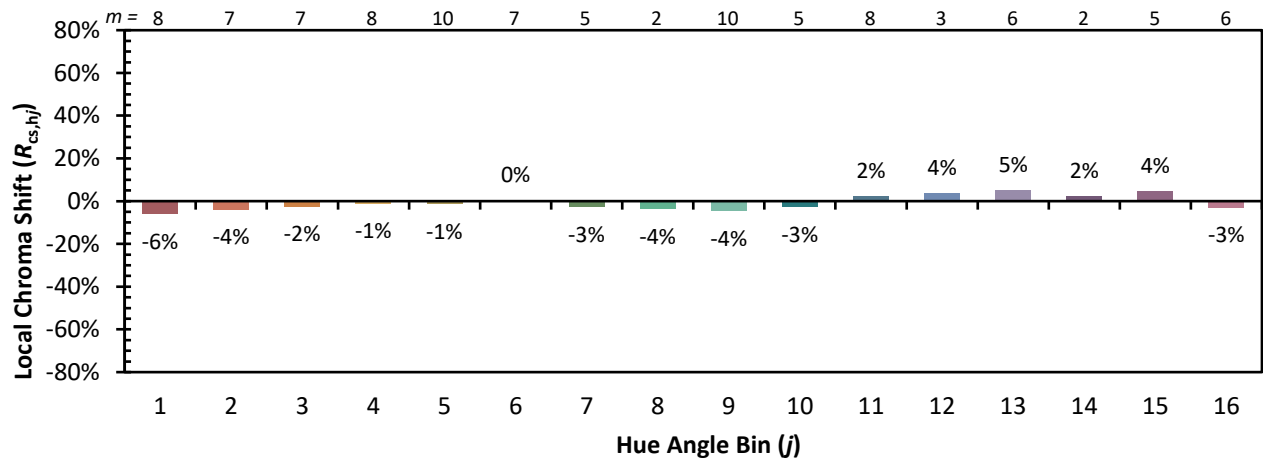


Individual Sample Fidelity Index ($R_{f,i}$)

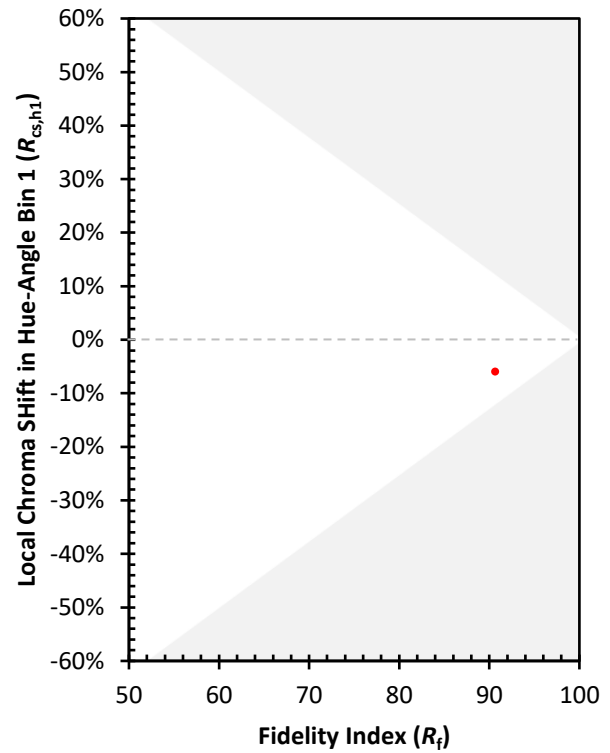
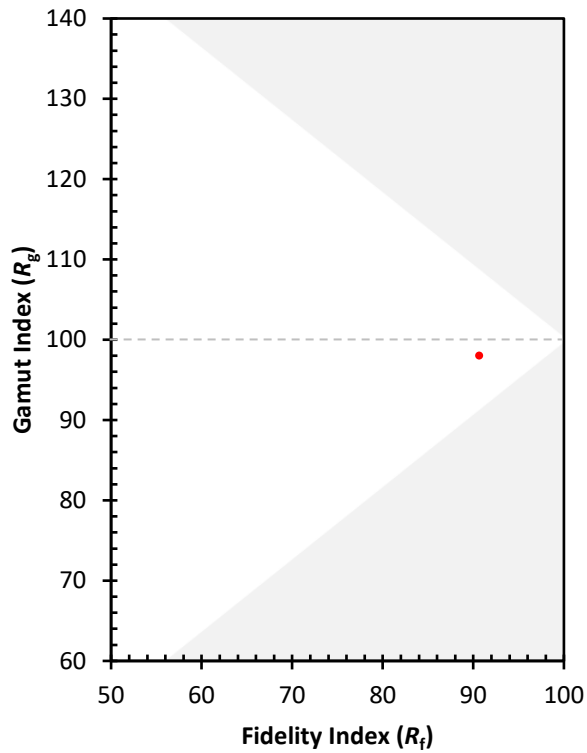
CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82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