

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: P1065053

Luminaire Tested: **GLAN-SA8A-940-U-RBC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1065053
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA8A-940-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 8xLight Square PACKAGE
90CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (112) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19066.6 lumens
Efficiency: N/A
Efficacy: 87.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

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

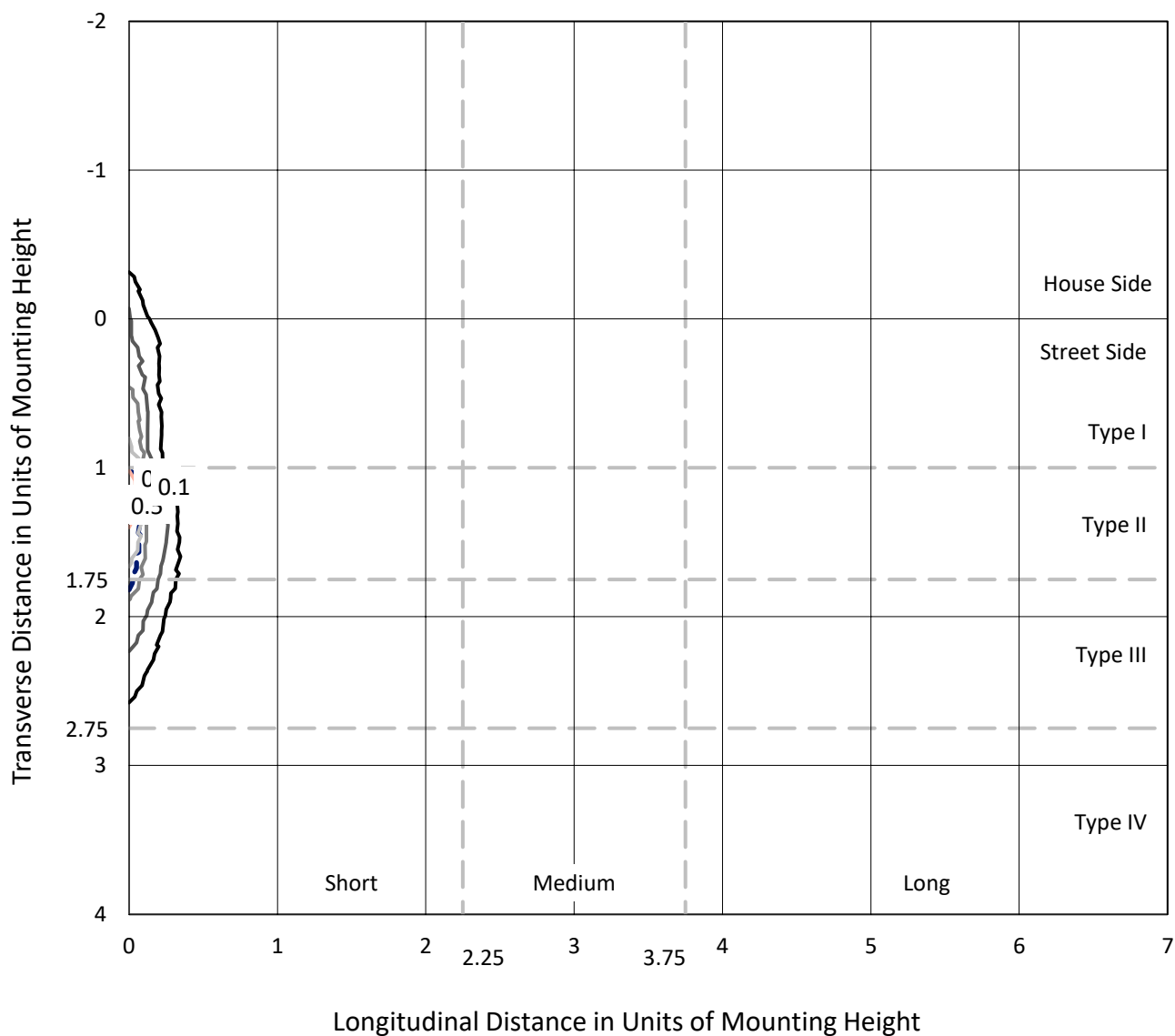
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

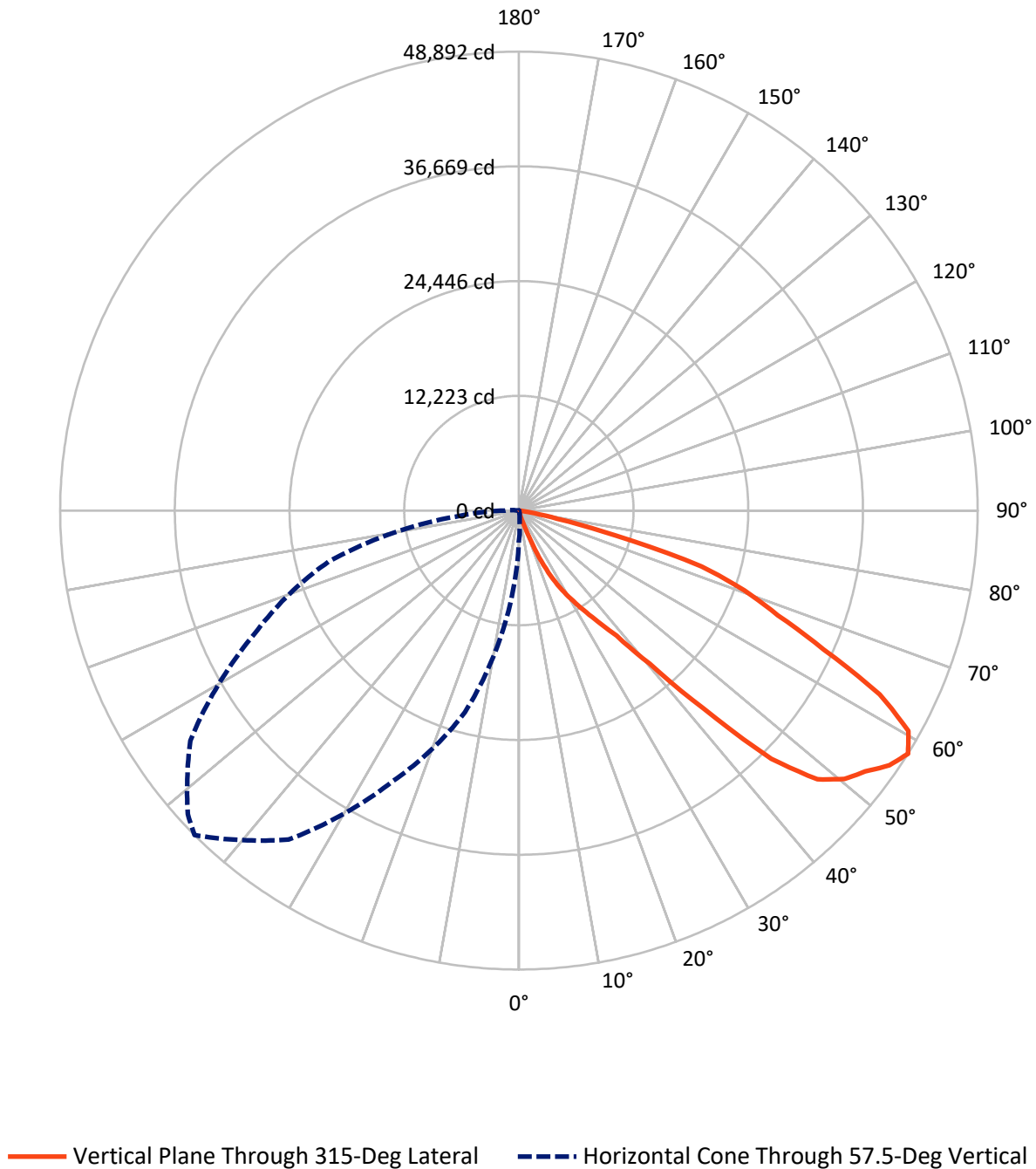


Based on 20 foot mounting height. Maximum calculated value = 2.8 fc

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	95.5	0.0	95.5
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	18971.1	0.0	18971.1
	% Fixture	99.5	0.0	99.5
Total	Lumens	19066.6	0.0	19066.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.5	0.0
10°-20°	41.9	0.2
20°-30°	451.9	2.4
30°-40°	1336.2	7.0
40°-50°	3982.2	20.9
50°-60°	6314.4	33.1
60°-70°	5271.0	27.6
70°-80°	1625.4	8.5
80°-90°	36.1	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	19066.6	100.0
0°-180°	19066.6	100.0

Coefficient of Utilization



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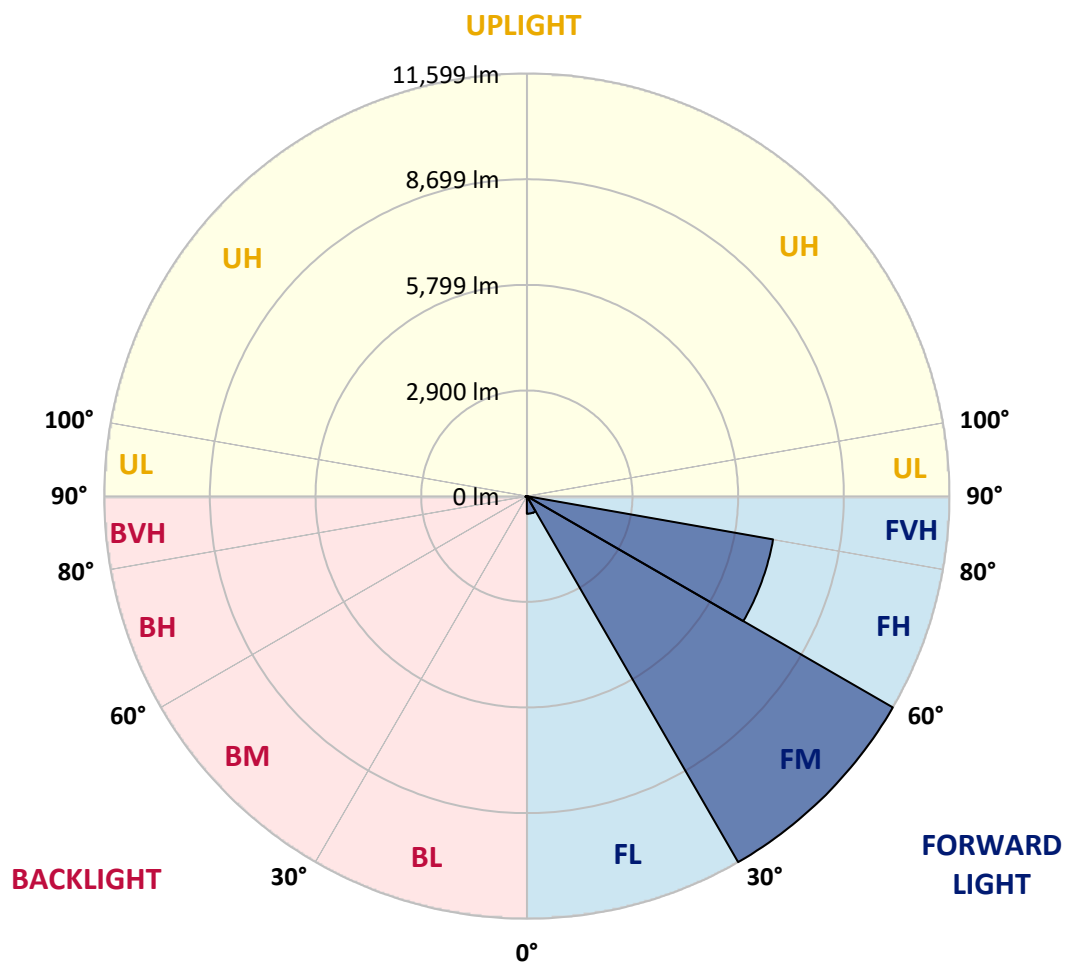
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	483.7	2.5			
FM	(30°-60°)	11598.7	60.8			
FH	(60°-80°)	6860.8	36.0			G3/7500
FVH	(80°-90°)	27.9	0.1			G1/100
BL	(0°-30°)	17.5	0.1	B0/110		
BM	(30°-60°)	34.1	0.2	B0/220		
BH	(60°-80°)	35.6	0.2	B0/110		G0/110
BVH	(80°-90°)	8.2	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°	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
2.5°	76.4	76.4	76.4	76.4	74.9	74.9	73.5	73.5	72.0	72.0
5°	80.7	80.7	79.2	77.8	77.8	76.4	74.9	73.5	73.5	72.0
7.5°	87.9	86.5	85.0	83.6	80.7	79.2	76.4	74.9	73.5	70.6
10°	96.5	93.7	90.8	87.9	85.0	82.1	79.2	77.8	74.9	73.5
12.5°	108.1	103.7	98.0	93.7	90.8	86.5	83.6	80.7	76.4	73.5
15°	118.1	112.4	105.2	99.4	95.1	89.3	85.0	80.7	77.8	73.5
17.5°	132.6	122.5	110.9	103.7	98.0	90.8	83.6	79.2	74.9	69.2
20°	157.1	136.9	115.3	106.6	98.0	89.3	80.7	74.9	70.6	64.8
22.5°	196.0	161.4	126.8	113.8	102.3	89.3	77.8	72.0	66.3	60.5
25°	270.9	208.9	147.0	129.7	112.4	95.1	77.8	70.6	64.8	57.6
27.5°	360.2	268.0	174.3	149.8	126.8	102.3	77.8	69.2	62.0	53.3
30°	451.0	328.5	204.6	172.9	141.2	109.5	77.8	67.7	59.1	49.0
32.5°	537.4	384.7	230.5	193.1	155.6	116.7	79.2	67.7	56.2	44.7
35°	625.3	430.8	234.9	196.0	157.1	116.7	77.8	64.8	53.3	40.3
37.5°	737.7	482.7	226.2	187.3	149.8	110.9	73.5	62.0	50.4	37.5
40°	907.7	569.1	230.5	190.2	149.8	109.5	69.2	57.6	47.5	36.0
42.5°	1221.8	736.3	249.3	203.2	157.1	109.5	63.4	53.3	44.7	34.6
45°	2112.3	1223.3	334.3	265.1	196.0	126.8	57.6	49.0	41.8	33.1
47.5°	3494.0	2047.4	600.8	464.0	328.5	191.6	56.2	49.0	41.8	33.1
50°	4459.4	2607.9	756.4	582.1	407.8	233.4	59.1	50.4	43.2	34.6
52.5°	4452.2	2648.3	842.9	646.9	452.4	256.5	62.0	53.3	46.1	37.5
55°	3958.0	2409.1	858.7	659.9	462.5	263.7	66.3	57.6	49.0	40.3
57.5°	3308.2	2046.0	783.8	606.6	430.8	253.6	76.4	66.3	57.6	47.5
60°	2616.6	1613.7	610.9	482.7	355.9	227.7	100.9	87.9	76.4	63.4
62.5°	1806.8	1170.0	533.1	427.9	324.2	219.0	115.3	102.3	90.8	77.8
65°	1278.0	880.4	481.2	391.9	304.0	214.7	125.4	110.9	98.0	83.6
67.5°	955.3	700.3	443.8	367.4	291.1	214.7	138.3	121.0	105.2	87.9
70°	731.9	574.9	416.4	354.4	293.9	232.0	170.0	145.5	122.5	98.0
72.5°	596.5	491.3	384.7	340.0	295.4	250.7	206.0	174.3	142.6	109.5
75°	494.2	420.7	347.2	309.8	273.8	236.3	198.8	170.0	142.6	113.8
77.5°	328.5	299.7	269.4	247.8	226.2	203.2	181.5	157.1	134.0	109.5
80°	115.3	110.9	106.6	115.3	123.9	132.6	141.2	123.9	108.1	90.8
82.5°	17.3	15.8	14.4	15.8	17.3	18.7	20.2	21.6	23.1	24.5
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]



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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
0.0	2.5°	70.6	70.6	69.2	69.2	69.2	67.7	67.7	66.3	66.3	66.3
0.0	5°	69.2	69.2	67.7	66.3	64.8	64.8	63.4	62.0	62.0	60.5
0.0	7.5°	67.7	66.3	64.8	63.4	62.0	60.5	59.1	57.6	57.6	56.2
0.0	10°	69.2	66.3	64.8	62.0	60.5	59.1	56.2	54.8	53.3	53.3
0.0	12.5°	66.3	64.8	62.0	59.1	57.6	54.8	53.3	50.4	49.0	49.0
0.0	15°	66.3	63.4	59.1	56.2	53.3	51.9	49.0	46.1	44.7	43.2
0.0	17.5°	62.0	59.1	54.8	51.9	49.0	46.1	43.2	40.3	38.9	37.5
0.0	20°	56.2	53.3	49.0	44.7	41.8	38.9	36.0	33.1	31.7	30.3
0.0	22.5°	50.4	47.5	43.2	38.9	36.0	33.1	28.8	25.9	24.5	21.6
0.0	25°	47.5	43.2	38.9	34.6	30.3	27.4	23.1	18.7	15.8	13.0
0.0	27.5°	40.3	36.0	31.7	27.4	23.1	18.7	14.4	10.1	7.2	5.8
0.0	30°	34.6	30.3	25.9	21.6	15.8	11.5	7.2	1.4	1.4	1.4
0.0	32.5°	28.8	24.5	18.7	14.4	11.5	7.2	4.3	0.0	0.0	0.0
0.0	35°	23.1	18.7	13.0	8.6	7.2	4.3	2.9	0.0	0.0	0.0
0.0	37.5°	20.2	15.8	10.1	4.3	2.9	2.9	1.4	0.0	0.0	0.0
0.0	40°	18.7	13.0	7.2	1.4	1.4	1.4	0.0	0.0	0.0	0.0
0.0	42.5°	18.7	13.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	18.7	13.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	18.7	13.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	20.2	14.4	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	23.1	17.3	11.5	5.8	4.3	2.9	1.4	0.0	0.0	0.0
0.0	55°	28.8	25.9	21.6	18.7	14.4	10.1	4.3	0.0	0.0	0.0
0.0	57.5°	37.5	37.5	36.0	34.6	25.9	17.3	8.6	0.0	0.0	0.0
0.0	60°	50.4	50.4	50.4	50.4	37.5	25.9	13.0	0.0	0.0	0.0
0.0	62.5°	62.0	59.1	54.8	51.9	38.9	25.9	13.0	0.0	0.0	0.0
0.0	65°	62.0	56.2	49.0	41.8	31.7	21.6	10.1	0.0	0.0	0.0
0.0	67.5°	57.6	46.1	33.1	21.6	15.8	11.5	5.8	0.0	0.0	0.0
	70°	57.6	40.3	23.1	5.8	4.3	2.9	1.4	0.0	0.0	0.0
	72.5°	57.6	38.9	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	63.4	43.2	21.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	63.4	43.2	21.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	56.2	37.5	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	18.7	13.0	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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[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°	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
0.0	2.5°	64.8	64.8	64.8	63.4	63.4	63.4	63.4	62.0	62.0	62.0
0.0	5°	59.1	59.1	57.6	57.6	56.2	56.2	54.8	54.8	53.3	53.3
0.0	7.5°	54.8	53.3	53.3	51.9	50.4	50.4	49.0	49.0	47.5	46.1
0.0	10°	50.4	49.0	49.0	47.5	46.1	44.7	44.7	43.2	41.8	40.3
0.0	12.5°	46.1	44.7	43.2	41.8	40.3	38.9	38.9	37.5	36.0	34.6
0.0	15°	40.3	38.9	37.5	36.0	34.6	33.1	33.1	31.7	30.3	28.8
0.0	17.5°	34.6	33.1	33.1	31.7	30.3	28.8	27.4	24.5	23.1	21.6
0.0	20°	25.9	24.5	23.1	21.6	20.2	17.3	15.8	13.0	10.1	8.6
0.0	22.5°	17.3	14.4	13.0	10.1	7.2	5.8	4.3	1.4	0.0	0.0
0.0	25°	5.8	4.3	2.9	1.4	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: P1065053

CATALOG NUMBER: GLAN-SA8A-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065053

CATALOG NUMBER: GLAN-SA8A-940-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
0.0	2.5°	60.5	60.5	60.5	59.1	59.1	59.1	59.1	59.1	59.1	59.1
0.0	5°	51.9	51.9	51.9	50.4	50.4	49.0	49.0	49.0	47.5	47.5
0.0	7.5°	44.7	43.2	43.2	41.8	41.8	40.3	40.3	40.3	38.9	38.9
0.0	10°	37.5	36.0	36.0	34.6	34.6	33.1	33.1	31.7	31.7	30.3
0.0	12.5°	33.1	31.7	30.3	28.8	28.8	27.4	25.9	25.9	24.5	23.1
0.0	15°	25.9	24.5	23.1	21.6	20.2	18.7	17.3	17.3	15.8	14.4
0.0	17.5°	17.3	14.4	13.0	11.5	11.5	10.1	8.6	7.2	5.8	4.3
0.0	20°	4.3	2.9	1.4	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: P1065053

CATALOG NUMBER: GLAN-SA8A-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065053

CATALOG NUMBER: GLAN-SA8A-940-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°	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
0.0	2.5°	59.1	57.6	57.6	57.6	59.1	59.1	59.1	59.1	59.1	59.1
0.0	5°	47.5	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
0.0	7.5°	38.9	37.5	37.5	37.5	37.5	36.0	36.0	36.0	36.0	36.0
0.0	10°	30.3	28.8	28.8	28.8	28.8	27.4	27.4	27.4	27.4	27.4
0.0	12.5°	21.6	21.6	20.2	20.2	20.2	18.7	18.7	18.7	18.7	17.3
0.0	15°	13.0	11.5	10.1	10.1	10.1	8.6	8.6	8.6	8.6	7.2
0.0	17.5°	2.9	2.9	1.4	1.4	1.4	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
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



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065053

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CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
0.0	2.5°	60.5	60.5	62.0	62.0	63.4	66.3	67.7	69.2	72.0	74.9
0.0	5°	47.5	49.0	49.0	50.4	51.9	53.3	54.8	56.2	59.1	62.0
0.0	7.5°	37.5	37.5	38.9	38.9	40.3	43.2	44.7	46.1	49.0	53.3
0.0	10°	28.8	28.8	30.3	30.3	31.7	34.6	36.0	37.5	40.3	44.7
0.0	12.5°	18.7	20.2	20.2	21.6	23.1	25.9	27.4	28.8	31.7	34.6
0.0	15°	8.6	10.1	10.1	11.5	13.0	15.8	17.3	18.7	21.6	25.9
0.0	17.5°	1.4	1.4	2.9	2.9	4.3	5.8	7.2	8.6	13.0	15.8
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	1.4
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065053

CATALOG NUMBER: GLAN-SA8A-940-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°	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
0.0	2.5°	79.2	82.1	85.0	87.9	90.8	93.7	95.1	98.0	99.4	100.9
0.0	5°	67.7	70.6	74.9	77.8	80.7	83.6	86.5	87.9	89.3	90.8
0.0	7.5°	59.1	62.0	66.3	69.2	72.0	74.9	77.8	80.7	82.1	83.6
0.0	10°	50.4	54.8	57.6	62.0	64.8	67.7	70.6	73.5	76.4	77.8
0.0	12.5°	40.3	44.7	49.0	51.9	56.2	60.5	63.4	66.3	69.2	72.0
0.0	15°	31.7	36.0	40.3	43.2	47.5	51.9	56.2	59.1	62.0	64.8
0.0	17.5°	23.1	27.4	31.7	34.6	38.9	43.2	46.1	50.4	53.3	56.2
0.0	20°	11.5	15.8	20.2	24.5	28.8	33.1	36.0	40.3	43.2	46.1
0.0	22.5°	1.4	5.8	10.1	13.0	17.3	21.6	24.5	28.8	31.7	34.6
0.0	25°	0.0	1.4	4.3	5.8	7.2	10.1	13.0	15.8	18.7	21.6
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.4	2.9	5.8	8.6	11.5
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	1.4
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4	2.9
	85°	0.0	0.0	0.0	0.0	0.0	2.9	4.3	7.2	8.6	10.1
	87.5°	0.0	1.4	2.9	4.3	5.8	8.6	11.5	14.4	15.8	17.3
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1065053

CATALOG NUMBER: GLAN-SA8A-940-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
83.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.3	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											
1.4											
5.8											
13.0											
18.7											
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REPORT NUMBER: P1065053

CATALOG NUMBER: GLAN-SA8A-940-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
0.0	2.5°	102.3	102.3	102.3	102.3	100.9	100.9	100.9	99.4	99.4	98.0
0.0	5°	93.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	93.7	93.7
0.0	7.5°	86.5	87.9	89.3	89.3	90.8	90.8	90.8	89.3	89.3	87.9
0.0	10°	82.1	83.6	83.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0
0.0	12.5°	76.4	77.8	79.2	79.2	80.7	80.7	80.7	80.7	79.2	79.2
0.0	15°	69.2	72.0	73.5	74.9	74.9	76.4	76.4	76.4	76.4	76.4
0.0	17.5°	63.4	66.3	67.7	69.2	69.2	70.6	70.6	72.0	72.0	72.0
0.0	20°	51.9	54.8	56.2	59.1	60.5	62.0	63.4	64.8	64.8	66.3
0.0	22.5°	40.3	43.2	44.7	47.5	49.0	50.4	51.9	53.3	54.8	56.2
0.0	25°	28.8	31.7	33.1	36.0	37.5	38.9	40.3	41.8	41.8	43.2
0.0	27.5°	15.8	18.7	21.6	23.1	25.9	27.4	28.8	30.3	31.7	33.1
0.0	30°	7.2	8.6	10.1	13.0	14.4	15.8	17.3	20.2	21.6	23.1
0.0	32.5°	0.0	0.0	1.4	4.3	5.8	7.2	8.6	10.1	10.1	11.5
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.9	4.3	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	4.3	4.3	4.3	4.3	4.3	4.3	4.3
	82.5°	7.2	8.6	10.1	10.1	11.5	11.5	11.5	11.5	10.1	10.1
	85°	14.4	15.8	17.3	17.3	18.7	18.7	18.7	18.7	18.7	18.7
	87.5°	20.2	21.6	23.1	23.1	24.5	24.5	24.5	24.5	24.5	24.5
	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: P1065053

CATALOG NUMBER: GLAN-SA8A-940-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
83.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.6	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
1.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	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											
4.3											
10.1											
18.7											
24.5											
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REPORT NUMBER: P1065053

CATALOG NUMBER: GLAN-SA8A-940-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°	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
0.0	2.5°	96.5	96.5	95.1	95.1	95.1	95.1	95.1	96.5	98.0	98.0
0.0	5°	92.2	92.2	90.8	90.8	90.8	92.2	92.2	93.7	95.1	96.5
0.0	7.5°	87.9	86.5	86.5	87.9	87.9	89.3	89.3	90.8	92.2	93.7
0.0	10°	85.0	83.6	83.6	83.6	85.0	85.0	86.5	87.9	89.3	90.8
0.0	12.5°	79.2	79.2	79.2	79.2	80.7	80.7	82.1	83.6	86.5	87.9
0.0	15°	76.4	74.9	74.9	74.9	74.9	76.4	76.4	79.2	82.1	83.6
0.0	17.5°	70.6	70.6	69.2	69.2	70.6	70.6	72.0	74.9	77.8	79.2
0.0	20°	64.8	63.4	62.0	62.0	63.4	63.4	64.8	67.7	70.6	72.0
0.0	22.5°	56.2	54.8	54.8	54.8	54.8	56.2	56.2	59.1	63.4	66.3
0.0	25°	44.7	46.1	46.1	47.5	47.5	49.0	50.4	53.3	57.6	60.5
0.0	27.5°	34.6	36.0	36.0	38.9	40.3	41.8	43.2	47.5	51.9	54.8
0.0	30°	25.9	27.4	28.8	30.3	33.1	36.0	38.9	43.2	47.5	50.4
0.0	32.5°	15.8	18.7	20.2	23.1	25.9	28.8	31.7	36.0	41.8	46.1
0.0	35°	11.5	13.0	15.8	17.3	20.2	23.1	25.9	31.7	36.0	41.8
0.0	37.5°	5.8	8.6	11.5	14.4	17.3	20.2	23.1	28.8	34.6	38.9
0.0	40°	4.3	7.2	8.6	11.5	15.8	18.7	21.6	27.4	33.1	38.9
0.0	42.5°	2.9	4.3	5.8	10.1	13.0	17.3	21.6	27.4	33.1	38.9
0.0	45°	2.9	2.9	4.3	8.6	13.0	18.7	23.1	28.8	33.1	38.9
0.0	47.5°	2.9	4.3	5.8	11.5	14.4	18.7	23.1	27.4	33.1	37.5
0.0	50°	4.3	5.8	7.2	13.0	15.8	20.2	23.1	28.8	33.1	38.9
0.0	52.5°	2.9	4.3	5.8	11.5	15.8	21.6	25.9	31.7	37.5	41.8
0.0	55°	1.4	1.4	1.4	8.6	17.3	24.5	33.1	37.5	43.2	47.5
0.0	57.5°	0.0	0.0	0.0	5.8	17.3	27.4	37.5	43.2	49.0	53.3
0.0	60°	0.0	0.0	0.0	5.8	17.3	27.4	37.5	44.7	51.9	59.1
0.0	62.5°	0.0	0.0	0.0	5.8	14.4	23.1	31.7	43.2	56.2	67.7
0.0	65°	0.0	0.0	0.0	4.3	11.5	18.7	25.9	43.2	60.5	76.4
0.0	67.5°	0.0	0.0	0.0	4.3	11.5	17.3	24.5	43.2	60.5	79.2
	70°	0.0	0.0	0.0	4.3	11.5	18.7	25.9	43.2	60.5	77.8
	72.5°	0.0	0.0	0.0	4.3	13.0	20.2	28.8	43.2	57.6	72.0
	75°	0.0	0.0	0.0	5.8	13.0	21.6	30.3	43.2	56.2	67.7
	77.5°	0.0	0.0	0.0	4.3	13.0	20.2	28.8	41.8	54.8	66.3
	80°	4.3	2.9	2.9	7.2	13.0	18.7	24.5	37.5	51.9	64.8
	82.5°	8.6	8.6	7.2	10.1	13.0	17.3	21.6	33.1	46.1	57.6
	85°	17.3	17.3	15.8	17.3	17.3	18.7	20.2	25.9	31.7	37.5
	87.5°	23.1	23.1	21.6	21.6	21.6	20.2	20.2	20.2	20.2	18.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
83.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.1											
86.5											
80.7											
79.2											
77.8											
69.2											
43.2											
18.7											
0.0											
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REPORT NUMBER: P1065053

CATALOG NUMBER: GLAN-SA8A-940-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
0.0	2.5°	100.9	102.3	102.3	103.7	105.2	106.6	106.6	108.1	108.1	108.1
0.0	5°	99.4	102.3	103.7	105.2	106.6	108.1	109.5	110.9	112.4	112.4
0.0	7.5°	98.0	99.4	102.3	103.7	106.6	108.1	110.9	112.4	113.8	115.3
0.0	10°	95.1	98.0	100.9	103.7	106.6	109.5	112.4	115.3	118.1	119.6
0.0	12.5°	92.2	96.5	99.4	102.3	106.6	110.9	113.8	118.1	121.0	123.9
0.0	15°	90.8	93.7	98.0	100.9	106.6	112.4	116.7	122.5	128.2	132.6
0.0	17.5°	86.5	92.2	96.5	100.9	106.6	113.8	119.6	125.4	134.0	142.6
0.0	20°	80.7	85.0	90.8	95.1	103.7	110.9	119.6	126.8	139.8	152.7
0.0	22.5°	74.9	80.7	85.0	90.8	100.9	109.5	119.6	128.2	149.8	170.0
0.0	25°	69.2	76.4	82.1	87.9	99.4	110.9	122.5	134.0	170.0	206.0
0.0	27.5°	66.3	72.0	79.2	85.0	99.4	115.3	129.7	144.1	201.7	257.9
0.0	30°	62.0	69.2	74.9	82.1	100.9	119.6	138.3	157.1	244.9	332.8
0.0	32.5°	57.6	64.8	72.0	79.2	103.7	128.2	151.3	175.8	291.1	404.9
0.0	35°	53.3	62.0	69.2	76.4	108.1	141.2	172.9	204.6	332.8	459.6
0.0	37.5°	51.9	60.5	67.7	74.9	109.5	142.6	177.2	210.4	337.2	464.0
0.0	40°	53.3	60.5	69.2	76.4	105.2	134.0	161.4	190.2	322.7	453.9
0.0	42.5°	53.3	62.0	70.6	79.2	102.3	125.4	148.4	171.5	318.4	465.4
0.0	45°	51.9	60.5	69.2	77.8	99.4	119.6	141.2	161.4	344.4	525.9
0.0	47.5°	50.4	59.1	67.7	76.4	98.0	119.6	141.2	162.8	445.2	726.2
0.0	50°	50.4	59.1	66.3	73.5	99.4	126.8	152.7	178.7	648.4	1116.7
0.0	52.5°	53.3	60.5	66.3	72.0	102.3	134.0	164.3	194.5	824.2	1452.4
0.0	55°	57.6	62.0	67.7	72.0	109.5	145.5	183.0	219.0	877.5	1535.9
0.0	57.5°	63.4	67.7	72.0	76.4	122.5	168.6	213.2	259.4	881.8	1502.8
0.0	60°	70.6	76.4	80.7	85.0	134.0	184.4	233.4	282.4	798.2	1312.6
0.0	62.5°	86.5	93.7	99.4	106.6	154.2	200.3	247.8	293.9	662.8	1031.6
0.0	65°	99.4	105.2	110.9	116.7	162.8	210.4	256.5	302.6	561.9	821.3
0.0	67.5°	102.3	108.1	112.4	118.1	165.7	213.2	259.4	306.9	481.2	654.1
	70°	103.7	110.9	119.6	126.8	175.8	224.8	272.3	321.3	426.5	531.7
	72.5°	99.4	113.8	126.8	139.8	185.9	230.5	276.6	321.3	396.2	471.2
	75°	99.4	119.6	138.3	157.1	191.6	224.8	259.4	292.5	350.1	407.8
	77.5°	105.2	131.1	157.1	183.0	203.2	221.9	242.1	260.8	298.3	335.7
	80°	105.2	132.6	158.5	185.9	194.5	204.6	213.2	221.9	226.2	230.5
	82.5°	90.8	112.4	134.0	155.6	145.5	135.4	125.4	115.3	108.1	99.4
	85°	46.1	50.4	53.3	56.2	51.9	47.5	43.2	38.9	36.0	31.7
	87.5°	18.7	18.7	17.3	17.3	17.3	17.3	15.8	15.8	15.8	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: P1065053

CATALOG NUMBER: GLAN-SA8A-940-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
83.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
226.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
306.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
426.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
721.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
819.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
893.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
966.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1110.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1399.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2132.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3266.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4112.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4205.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3795.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3244.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2535.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1916.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1414.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1001.4											
744.9											
541.8											
407.8											
229.1											
103.7											
30.3											
14.4											
0.0											
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REPORT NUMBER: P1065053

CATALOG NUMBER: GLAN-SA8A-940-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°	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
0.0	2.5°	108.1	106.6	106.6	105.2	103.7	102.3	100.9	99.4	98.0	96.5
0.0	5°	112.4	112.4	112.4	110.9	110.9	109.5	109.5	108.1	106.6	105.2
0.0	7.5°	116.7	118.1	118.1	119.6	119.6	119.6	119.6	118.1	118.1	118.1
0.0	10°	123.9	125.4	126.8	128.2	129.7	131.1	131.1	132.6	132.6	132.6
0.0	12.5°	132.6	136.9	139.8	144.1	147.0	151.3	154.2	158.5	161.4	164.3
0.0	15°	145.5	152.7	161.4	168.6	175.8	185.9	197.4	207.5	217.6	233.4
0.0	17.5°	164.3	187.3	210.4	232.0	255.0	305.5	355.9	404.9	455.3	528.8
0.0	20°	200.3	269.4	337.2	406.3	474.0	651.3	827.0	1004.3	1180.1	1368.8
0.0	22.5°	281.0	451.0	621.0	791.0	961.0	1331.3	1700.2	2070.5	2439.3	2873.0
0.0	25°	407.8	720.4	1033.1	1344.3	1657.0	2236.2	2816.9	3396.1	3975.3	4538.7
0.0	27.5°	593.6	1072.0	1550.3	2027.3	2505.6	3290.9	4077.6	4862.8	5648.1	6285.0
0.0	30°	822.7	1471.1	2119.5	2767.9	3416.2	4309.6	5202.9	6094.8	6988.1	7684.0
0.0	32.5°	1038.8	1832.8	2626.7	3419.1	4213.0	5230.3	6248.9	7266.2	8283.4	9044.2
0.0	35°	1180.1	2139.7	3100.7	4060.3	5019.9	6120.7	7221.5	8320.9	9421.7	10290.5
0.0	37.5°	1321.3	2429.3	3535.8	4643.8	5750.4	6959.3	8168.1	9377.0	10585.9	11659.3
0.0	40°	1479.7	2779.4	4077.6	5377.2	6675.4	8107.6	9538.4	10970.6	12401.3	13915.7
0.0	42.5°	1754.9	3360.0	4966.6	6571.7	8176.8	10071.5	11966.2	13859.5	15754.2	17915.5
0.0	45°	2272.2	4534.3	6797.9	9060.0	11322.2	13832.1	16343.5	18853.4	21363.4	24239.3
0.0	47.5°	3538.7	6650.9	9761.7	12873.9	15984.7	18695.0	21403.7	24114.0	26822.8	29687.2
0.0	50°	5414.7	9037.0	12659.3	16280.1	19902.4	22354.7	24805.6	27257.9	29708.8	32433.4
0.0	52.5°	6772.0	10545.5	14320.6	18094.1	21867.7	24080.8	26295.4	28508.5	30721.7	33267.7
0.0	55°	6874.3	10626.2	14379.6	18131.6	21883.5	24106.8	26330.0	28553.2	30776.4	33475.1
0.0	57.5°	6086.1	9807.8	13528.1	17249.8	20970.0	23501.6	26031.7	28563.3	31093.4	34011.1
0.0	60°	5177.0	8900.1	12621.8	16344.9	20066.6	22982.9	25900.6	28816.9	31733.2	34466.4
0.0	62.5°	4038.7	7868.5	11699.7	15529.4	19359.2	22320.1	25281.1	28240.6	31201.5	33251.8
0.0	65°	3009.9	6728.7	10447.6	14164.9	17883.8	20255.4	22627.0	24997.2	27368.8	28638.2
0.0	67.5°	2175.7	5383.0	8588.9	11796.2	15002.1	16699.4	18396.7	20092.6	21789.9	22761.0
	70°	1471.1	3692.9	5913.2	8135.0	10355.3	11750.1	13146.3	14541.0	15935.7	17246.9
	72.5°	1018.7	2266.4	3515.7	4763.4	6011.2	7414.6	8816.5	10219.9	11621.9	13009.4
	75°	675.8	1243.4	1812.6	2380.3	2948.0	3986.8	5027.1	6066.0	7104.8	7931.8
	77.5°	479.8	649.8	821.3	991.3	1161.3	1355.8	1551.8	1746.3	1940.8	2236.2
	80°	227.7	249.3	270.9	291.1	312.7	383.3	453.9	524.5	595.1	670.0
	82.5°	108.1	116.7	125.4	132.6	141.2	148.4	155.6	162.8	170.0	162.8
	85°	28.8	28.8	30.3	30.3	30.3	30.3	30.3	30.3	30.3	28.8
	87.5°	13.0	13.0	13.0	13.0	13.0	13.0	13.0	11.5	11.5	10.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GLAN-SA8A-940-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
83.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1559.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3306.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5102.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6921.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8381.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9806.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11159.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12734.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15430.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20076.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27115.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32551.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35158.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35813.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36175.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36928.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37198.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35303.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29909.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23733.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18556.6											
14396.9											
8758.9											
2531.6											
744.9											
154.2											
27.4											
10.1											
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°	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
0.0	2.5°	93.7	92.2	90.8	89.3	87.9	85.0	85.0	83.6	83.6
0.0	5°	102.3	100.9	99.4	98.0	98.0	96.5	95.1	95.1	93.7
0.0	7.5°	116.7	115.3	113.8	112.4	112.4	110.9	110.9	109.5	109.5
0.0	10°	134.0	134.0	134.0	134.0	134.0	132.6	132.6	132.6	131.1
0.0	12.5°	168.6	170.0	172.9	175.8	180.1	180.1	180.1	178.7	178.7
0.0	15°	266.6	282.4	293.9	305.5	315.5	338.6	335.7	331.4	328.5
0.0	17.5°	674.3	746.4	785.3	822.7	861.6	968.2	951.0	933.7	917.8
0.0	20°	1747.7	1936.5	2061.8	2187.2	2314.0	2514.3	2465.3	2416.3	2367.3
0.0	22.5°	3739.0	4172.7	4361.4	4550.2	4737.5	4979.6	4822.5	4665.5	4509.8
0.0	25°	5664.0	6227.3	6545.8	6864.2	7181.2	7319.5	7114.9	6908.8	6704.2
0.0	27.5°	7558.7	8195.5	8476.5	8756.0	9037.0	9326.6	9073.0	8818.0	8564.4
0.0	30°	9077.3	9773.2	10077.3	10379.8	10683.9	10885.6	10623.3	10359.7	10097.4
0.0	32.5°	10567.2	11327.9	11660.8	11993.6	12325.0	12614.6	12291.8	11967.7	11644.9
0.0	35°	12026.7	12895.6	13353.7	13811.9	14270.1	14539.6	14156.3	13771.6	13388.3
0.0	37.5°	13807.6	14881.0	15394.0	15906.9	16419.9	16911.2	16489.0	16065.4	15643.2
0.0	40°	16944.3	18458.7	19245.4	20033.5	20820.2	21454.2	20921.1	20387.9	19854.8
0.0	42.5°	22238.0	24399.3	25530.3	26659.9	27791.0	28780.9	28220.4	27659.9	27099.4
0.0	45°	29991.2	32867.1	34246.0	35623.4	37002.3	37725.6	36918.8	36110.4	35303.6
0.0	47.5°	35414.5	38278.9	39506.5	40734.1	41961.7	42787.3	41800.3	40813.4	39827.8
0.0	50°	37881.2	40605.9	41837.8	43068.3	44300.2	44955.8	43816.1	42674.9	41535.2
0.0	52.5°	38358.2	40904.1	42373.8	43844.9	45314.6	46190.6	44844.8	43497.7	42151.9
0.0	55°	38874.0	41572.7	43277.2	44983.2	46687.7	47900.9	46379.3	44856.4	43334.8
0.0	57.5°	39845.1	42762.8	44463.0	46161.8	47862.0	48892.2	47366.3	45839.0	44313.2
0.0	60°	39931.6	42663.4	44124.4	45586.9	47047.9	47696.3	46236.7	44775.7	43316.1
0.0	62.5°	37353.9	39404.2	40418.6	41432.9	42447.3	43151.8	41628.9	40104.5	38581.5
0.0	65°	31178.4	32447.8	33256.1	34064.4	34872.8	35712.8	34318.0	32923.3	31528.6
0.0	67.5°	24704.7	25675.8	26740.6	27805.4	28870.2	29767.8	28651.2	27533.1	26416.4
	70°	19867.8	21177.5	22374.9	23572.2	24769.6	25504.4	24383.4	23261.0	22140.0
	72.5°	15784.5	17172.0	18171.9	19170.4	20170.4	20350.5	19526.3	18702.2	17879.4
	75°	9584.5	10411.5	10431.7	10450.4	10470.6	10642.1	9959.1	9276.2	8594.6
	77.5°	2826.9	3122.3	3365.8	3607.9	3851.4	4145.3	3894.6	3642.5	3391.7
	80°	818.4	893.3	956.7	1018.7	1082.1	1044.6	985.5	926.5	867.4
	82.5°	147.0	138.3	136.9	135.4	135.4	128.2	116.7	105.2	93.7
	85°	25.9	24.5	23.1	21.6	20.2	18.7	15.8	14.4	11.5
	87.5°	8.6	7.2	5.8	4.3	4.3	1.4	1.4	1.4	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-SA8A-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065053

CATALOG NUMBER: GLAN-SA8A-940-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°	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
0.0	0.0	2.5°	82.1	80.7	80.7	80.7	80.7	79.2	79.2	79.2	79.2
0.0	0.0	5°	90.8	90.8	89.3	89.3	87.9	87.9	86.5	86.5	85.0
0.0	0.0	7.5°	106.6	105.2	103.7	102.3	100.9	98.0	96.5	95.1	95.1
0.0	0.0	10°	128.2	125.4	123.9	121.0	119.6	116.7	113.8	110.9	108.1
0.0	0.0	12.5°	168.6	162.8	158.5	152.7	147.0	142.6	136.9	132.6	126.8
0.0	0.0	15°	292.5	278.1	262.2	243.5	223.3	204.6	184.4	172.9	159.9
0.0	0.0	17.5°	747.8	672.9	596.5	534.6	472.6	412.1	350.1	305.5	260.8
0.0	0.0	20°	1903.4	1695.9	1488.4	1283.8	1077.8	873.2	667.1	563.4	459.6
0.0	0.0	22.5°	3581.9	3197.2	2811.1	2437.9	2063.3	1690.1	1316.9	1082.1	848.7
0.0	0.0	25°	5528.5	5044.4	4560.3	3946.5	3331.2	2717.4	2103.6	1721.8	1340.0
0.0	0.0	27.5°	7194.1	6636.5	6078.9	5332.6	4586.2	3839.9	3093.5	2524.4	1956.7
0.0	0.0	30°	8636.4	8037.0	7437.6	6568.8	5700.0	4831.2	3962.3	3250.5	2538.8
0.0	0.0	32.5°	9887.1	9169.5	8452.0	7555.8	6659.6	5763.4	4867.2	3994.0	3120.9
0.0	0.0	35°	11329.4	10492.2	9653.7	8659.5	7663.9	6669.7	5675.5	4689.9	3703.0
0.0	0.0	37.5°	13162.1	12134.8	11106.0	9998.0	8890.0	7783.4	6675.4	5548.7	4422.0
0.0	0.0	40°	16670.6	15345.0	14019.4	12611.7	11202.6	9794.9	8387.2	7003.9	5620.7
0.0	0.0	42.5°	22957.0	21166.0	19375.0	17501.9	15627.4	13754.3	11879.8	9928.9	7976.5
0.0	0.0	45°	30051.7	27829.9	25606.7	23504.5	21400.9	19298.7	17196.5	14519.4	11842.3
0.0	0.0	47.5°	34041.4	31642.4	29243.4	27253.6	25263.8	23274.0	21284.2	18398.1	15512.1
0.0	0.0	50°	35509.6	33067.4	30625.1	28793.8	26961.1	25129.8	23297.0	20406.7	17514.9
0.0	0.0	52.5°	35822.3	33331.1	30839.8	28997.0	27154.2	25312.8	23469.9	20598.3	17726.7
0.0	0.0	55°	36464.9	33792.1	31117.9	29017.2	26916.4	24815.7	22714.9	19797.2	16879.5
0.0	0.0	57.5°	37304.9	34564.4	31823.9	29430.7	27037.4	24645.6	22252.4	19062.4	15872.3
0.0	0.0	60°	37084.5	34699.9	32313.8	29750.6	27185.9	24622.6	22057.9	18549.4	15039.5
0.0	0.0	62.5°	33257.6	31358.5	29458.1	27350.1	25240.7	23132.8	21024.8	17412.6	13800.4
0.0	0.0	65°	27360.2	25974.1	24588.0	22892.1	21194.8	19498.9	17803.1	14564.1	11326.5
0.0	0.0	67.5°	22174.6	20612.7	19049.4	17697.9	16344.9	14993.4	13640.5	11091.6	8542.8
		70°	17617.2	15918.4	14218.3	12898.4	11577.2	10257.4	8937.6	7243.1	5550.1
		72.5°	13990.6	12459.0	10927.4	9519.7	8110.5	6702.8	5293.7	4292.3	3290.9
		75°	6687.0	6074.6	5462.2	4726.0	3989.7	3253.4	2517.2	2080.6	1645.4
		77.5°	2478.3	2148.3	1816.9	1517.2	1217.5	919.3	619.6	567.7	515.8
		80°	641.2	559.0	475.5	416.4	355.9	296.8	237.7	214.7	193.1
		82.5°	73.5	67.7	63.4	60.5	56.2	53.3	49.0	44.7	40.3
		85°	4.3	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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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1065053

CATALOG NUMBER: GLAN-SA8A-940-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	83.6	83.6
0.0	0.0	2.5°	77.8	76.4
0.0	0.0	5°	82.1	80.7
0.0	0.0	7.5°	90.8	87.9
0.0	0.0	10°	99.4	96.5
0.0	0.0	12.5°	112.4	108.1
0.0	0.0	15°	126.8	118.1
0.0	0.0	17.5°	151.3	132.6
0.0	0.0	20°	204.6	157.1
0.0	0.0	22.5°	288.2	196.0
0.0	0.0	25°	423.6	270.9
0.0	0.0	27.5°	589.3	360.2
0.0	0.0	30°	783.8	451.0
0.0	0.0	32.5°	955.3	537.4
0.0	0.0	35°	1178.6	625.3
0.0	0.0	37.5°	1453.8	737.7
0.0	0.0	40°	1880.3	907.7
0.0	0.0	42.5°	2648.3	1221.8
0.0	0.0	45°	4300.9	2112.3
0.0	0.0	47.5°	6617.8	3494.0
0.0	0.0	50°	8096.1	4459.4
0.0	0.0	52.5°	8217.1	4452.2
0.0	0.0	55°	7501.0	3958.0
0.0	0.0	57.5°	6400.2	3308.2
0.0	0.0	60°	5319.6	2616.6
0.0	0.0	62.5°	4191.4	1806.8
0.0	0.0	65°	3063.2	1278.0
0.0	0.0	67.5°	2200.2	955.3
		70°	1446.6	731.9
		72.5°	942.3	596.5
		75°	634.0	494.2
		77.5°	370.3	328.5
		80°	131.1	115.3
		82.5°	24.5	17.3
		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: P1065053

CATALOG NUMBER: GLAN-SA8A-940-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: SP1-2407-184-16

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-940-U-5WQ

Data in this report applies to families of products including GSS-SB1A-940-U-5WQ

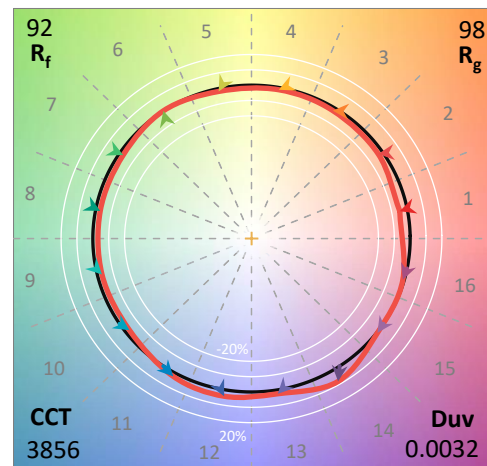
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-16
 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-940-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3856
 CIE u' : 0.2261
 CIE v' : 0.5084
 Duv: 0.0032
 CIE x: 0.3896
 CIE y: 0.3894
 CIE z: 0.2211
 Peak Wavelength (nm): 614
 Dominant Wavelength (nm): 578
 Purity: 33.77304
 R_f: 91.8
 R_g: 98.4

CRI (Ra): 92.1
 R1: 91.8
 R2: 94.1
 R3: 95.3
 R4: 92.8
 R5: 91.0
 R6: 91.6
 R7: 95.0
 R8: 85.2
 R9: 60.7
 R10: 85.2
 R11: 92.4
 R12: 74.5
 R13: 92.3
 R14: 97.0
 R15: 88.5



Test Conditions

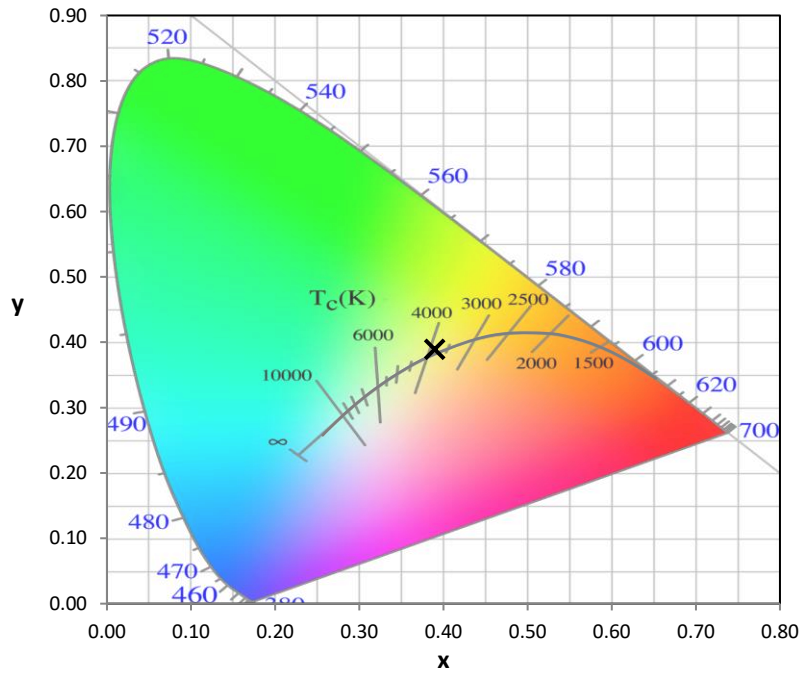
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-16

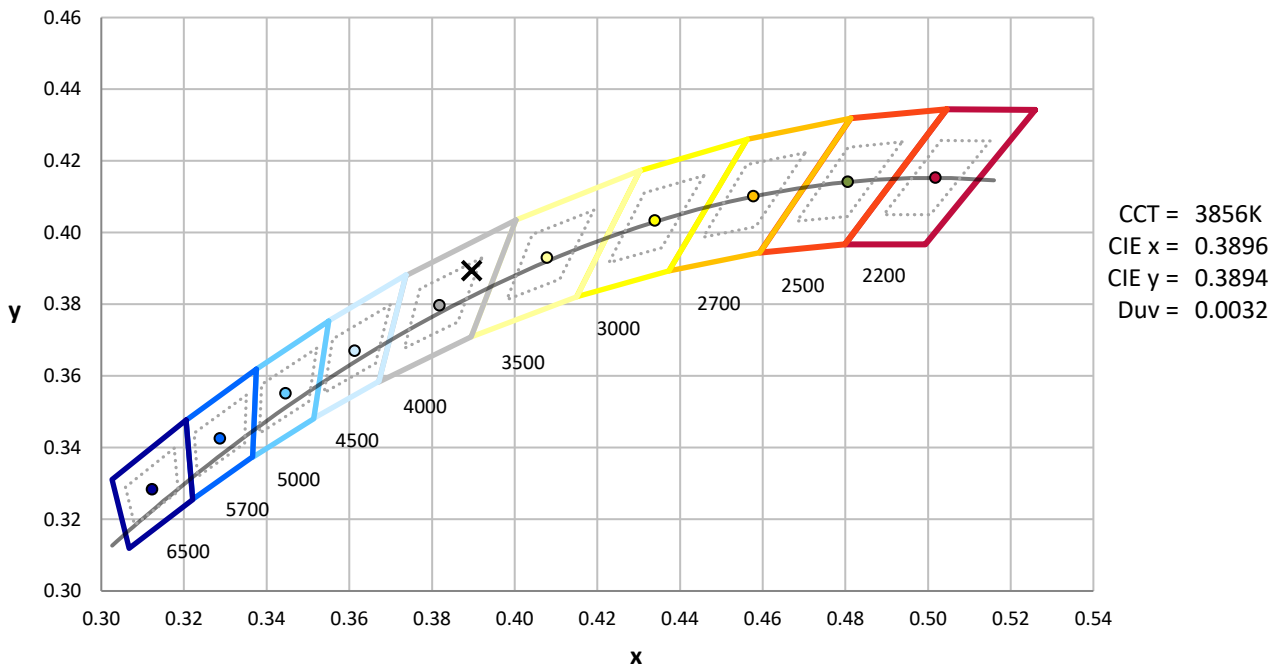
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-16

CIE 1931 Chromaticity Diagram



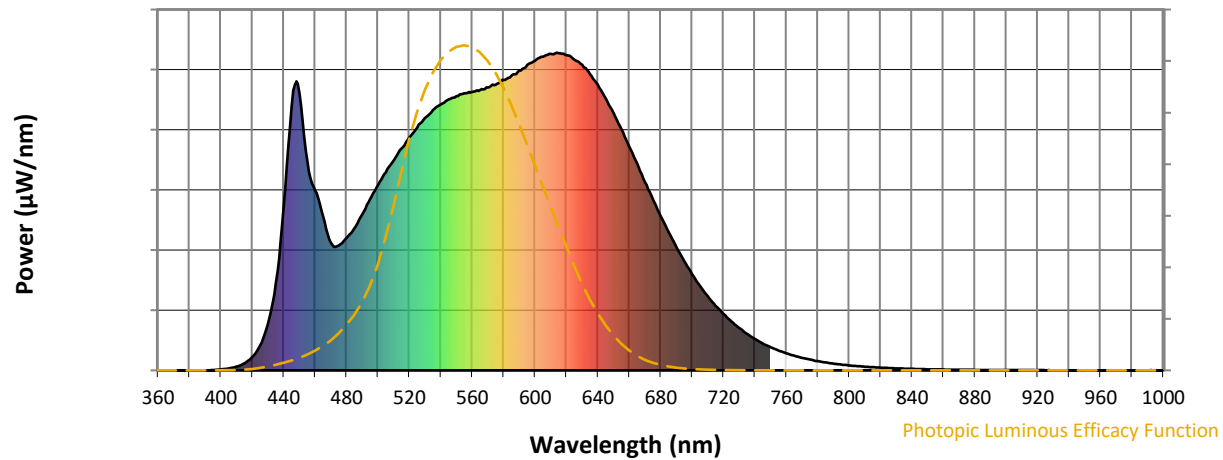
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-16

Photopic Flux vs. Wavelength

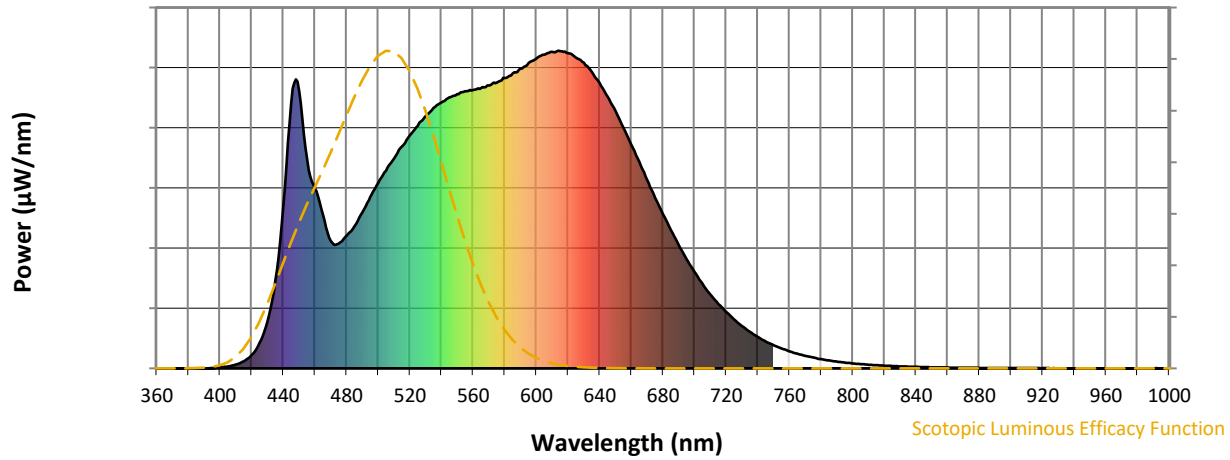


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-16

Scotopic Flux vs. Wavelength



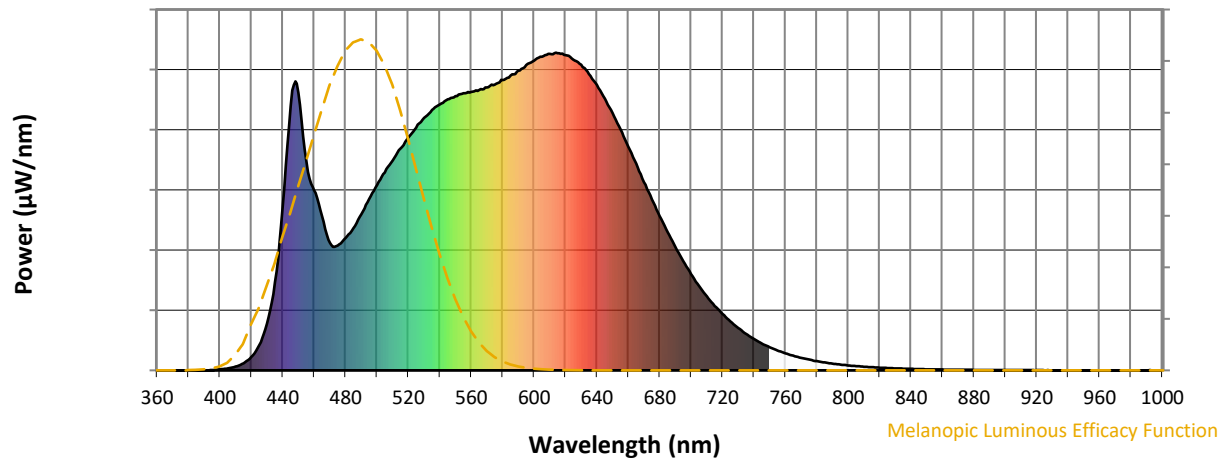
Scotopic Lumens: NR

S/P: 1.72

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.52

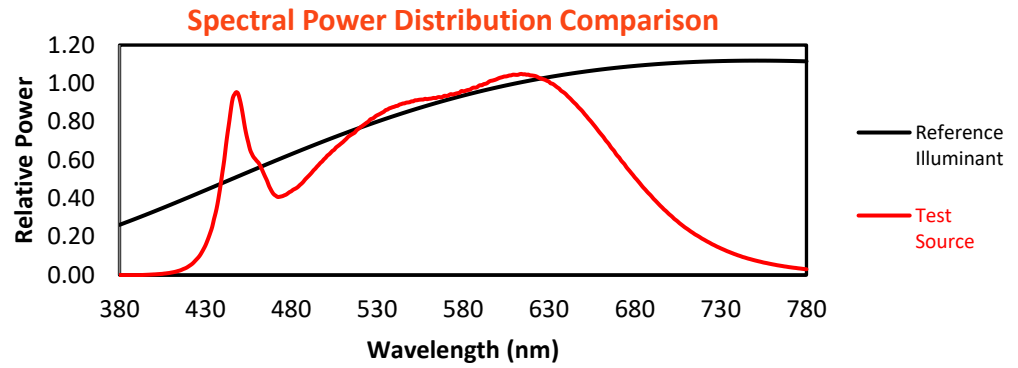
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-16

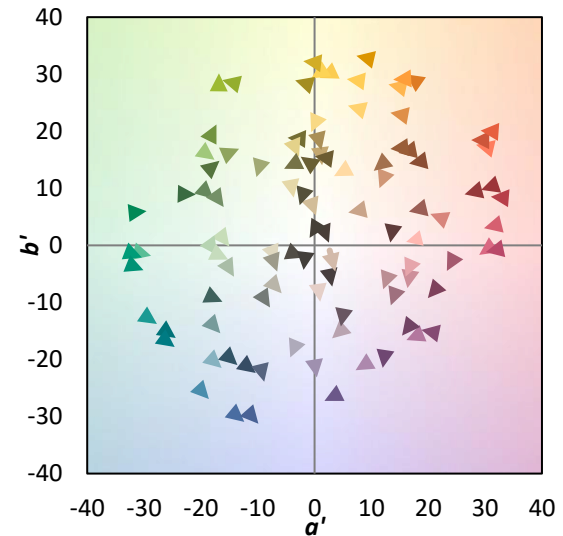
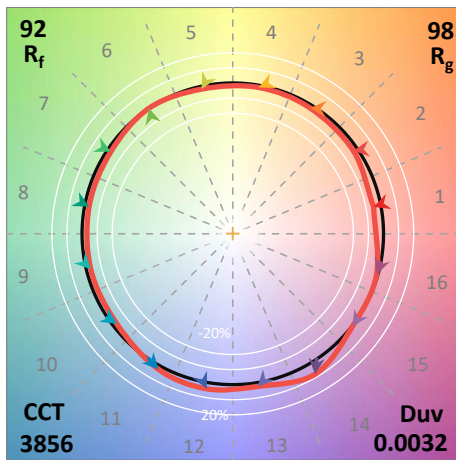
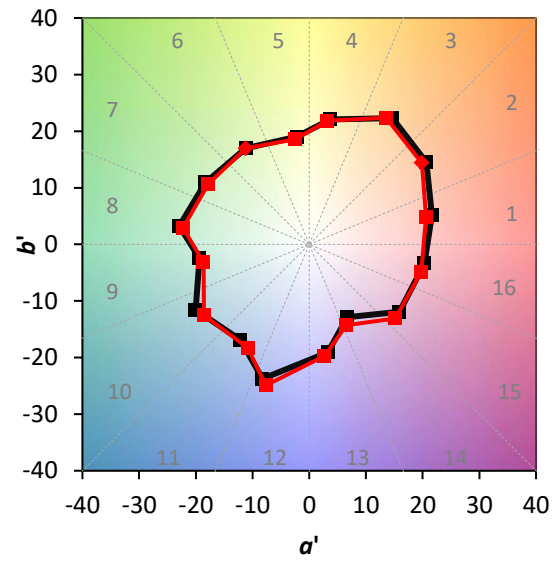
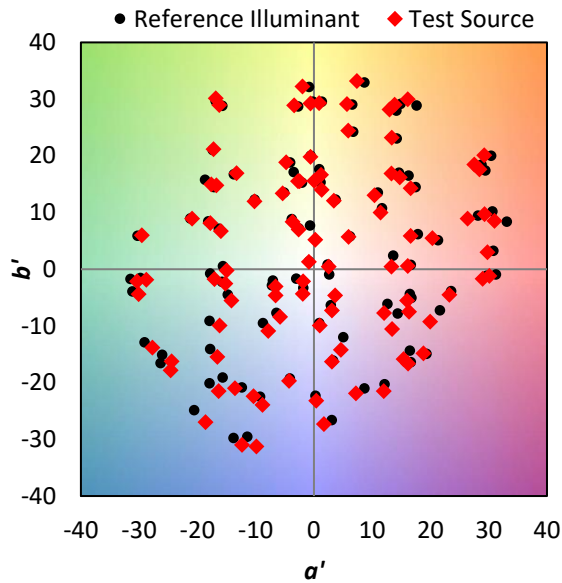
TM-30-18

Summary

$R_f = 91.8$
 $R_g = 98.4$
 $CIE\ R_a = 92.1$
 $R_9 = 60.7$

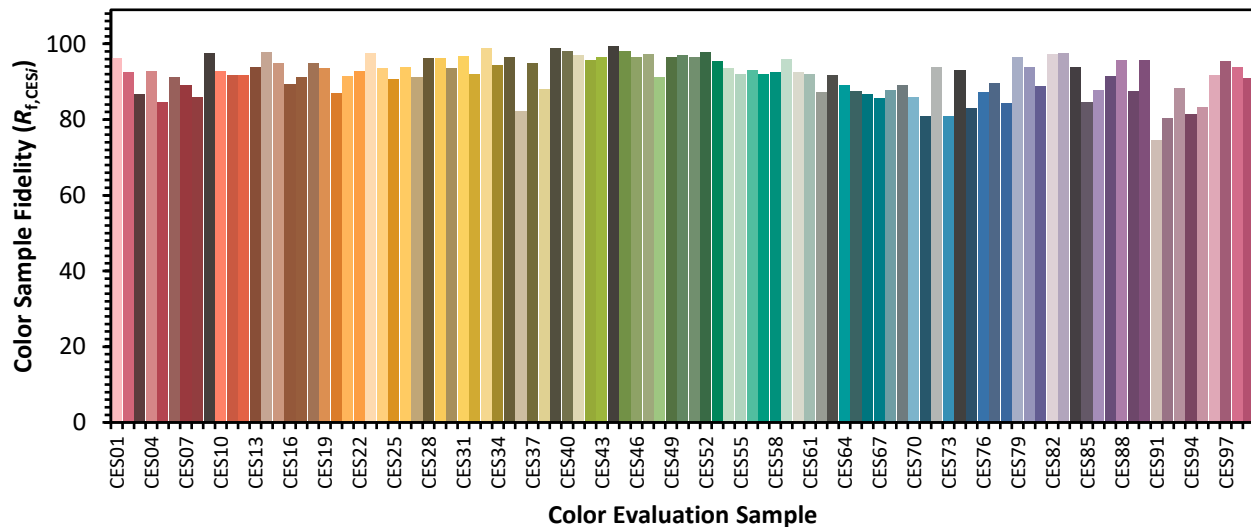


Color Vector Graphics

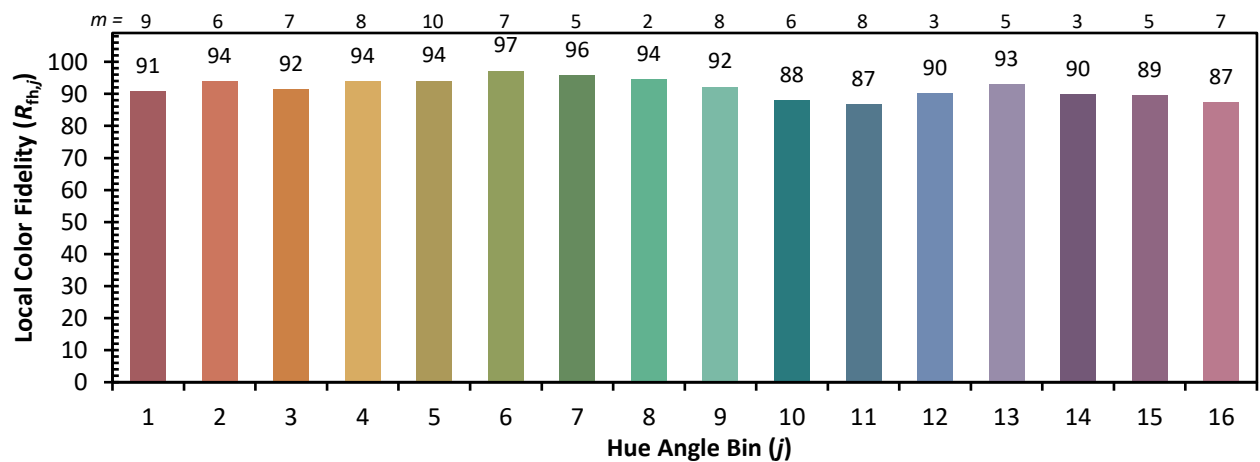
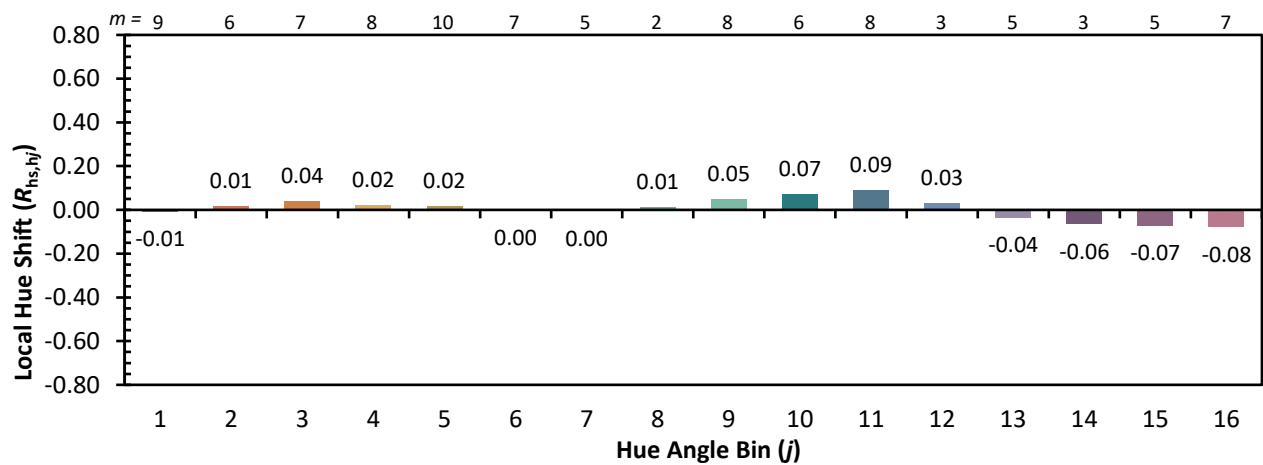
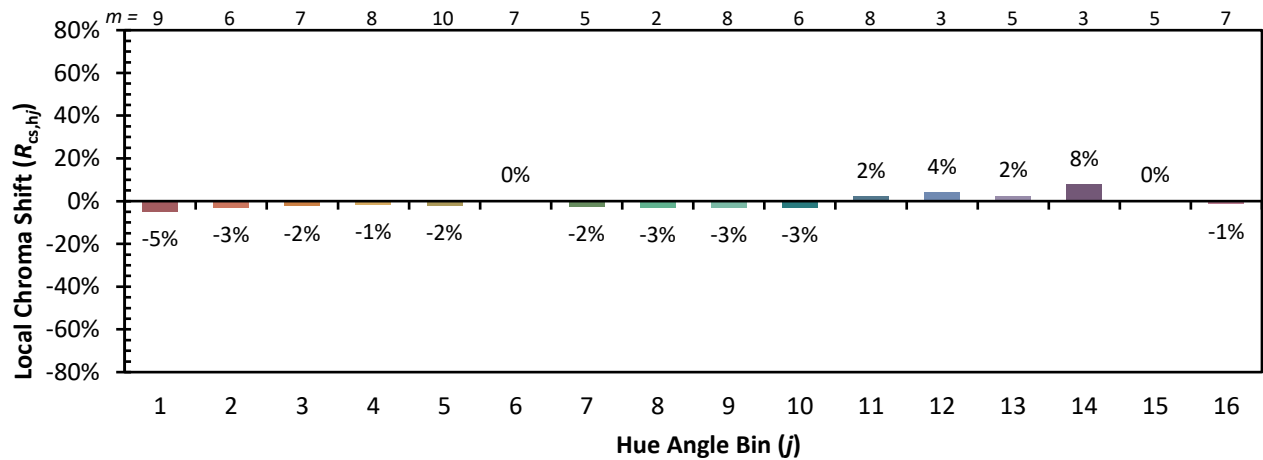


Individual Sample Fidelity Index ($R_{f,i}$)

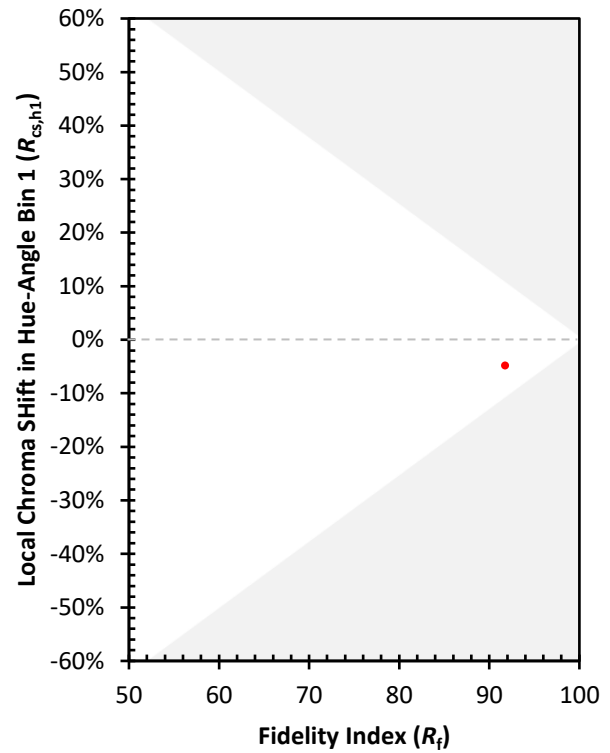
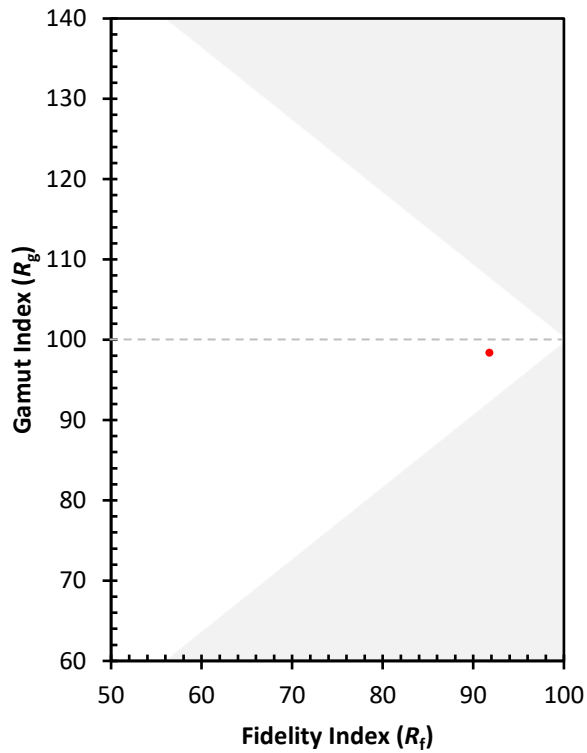
CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82 = 97
CES08 = 41	CES33 = 99	CES58 = 92	CES83 = 98
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 74	CES35 = 96	CES60 = 93	CES85 = 85
CES11 = 57	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 63	CES37 = 95	CES62 = 87	CES87 = 92
CES13 = 43	CES38 = 88	CES63 = 92	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 89	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 88	CES90 = 96
CES16 = 47	CES41 = 97	CES66 = 87	CES91 = 74
CES17 = 49	CES42 = 96	CES67 = 86	CES92 = 80
CES18 = 56	CES43 = 96	CES68 = 88	CES93 = 88
CES19 = 71	CES44 = 99	CES69 = 89	CES94 = 82
CES20 = 66	CES45 = 98	CES70 = 86	CES95 = 83
CES21 = 85	CES46 = 97	CES71 = 81	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 94	CES97 = 95
CES23 = 91	CES48 = 91	CES73 = 81	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 93	CES99 = 91
CES25 = 71	CES50 = 97	CES75 = 83	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)