

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: P1065038

Luminaire Tested: **GLAN-SA4B-940-U-RBC**

Issue Date: 08/07/2025



Test Information

Test Method: LM-79-08
Report Number: P1065038
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA4B-940-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 4xLight Square PACKAGE
90CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (56) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12021.6 lumens
Efficiency: N/A
Efficacy: 83.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 144.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

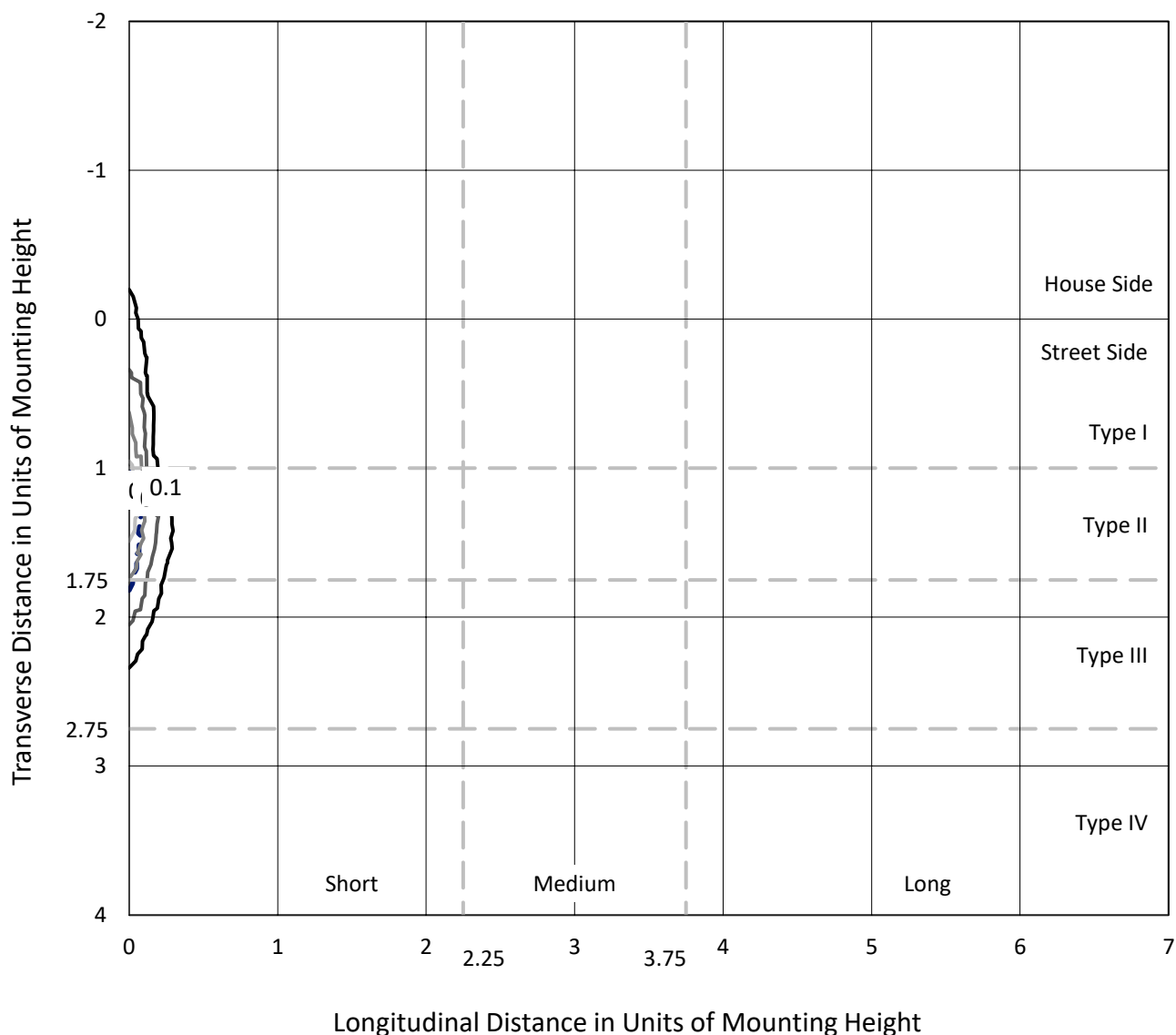
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

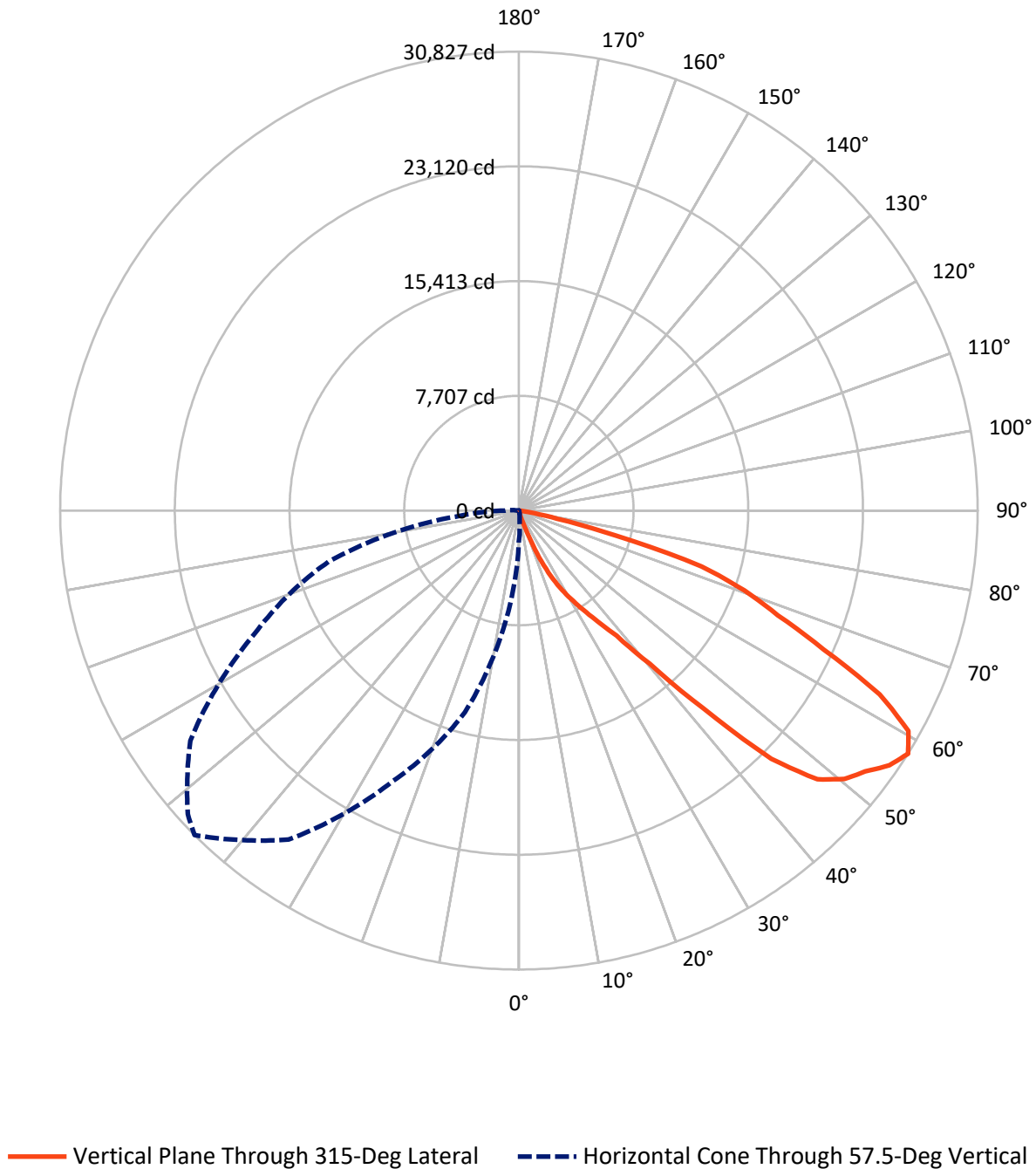


Based on 20 foot mounting height. Maximum calculated value = 1.8 fc

Type III - Short - N/A

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Luminous Intensity Polar Plot



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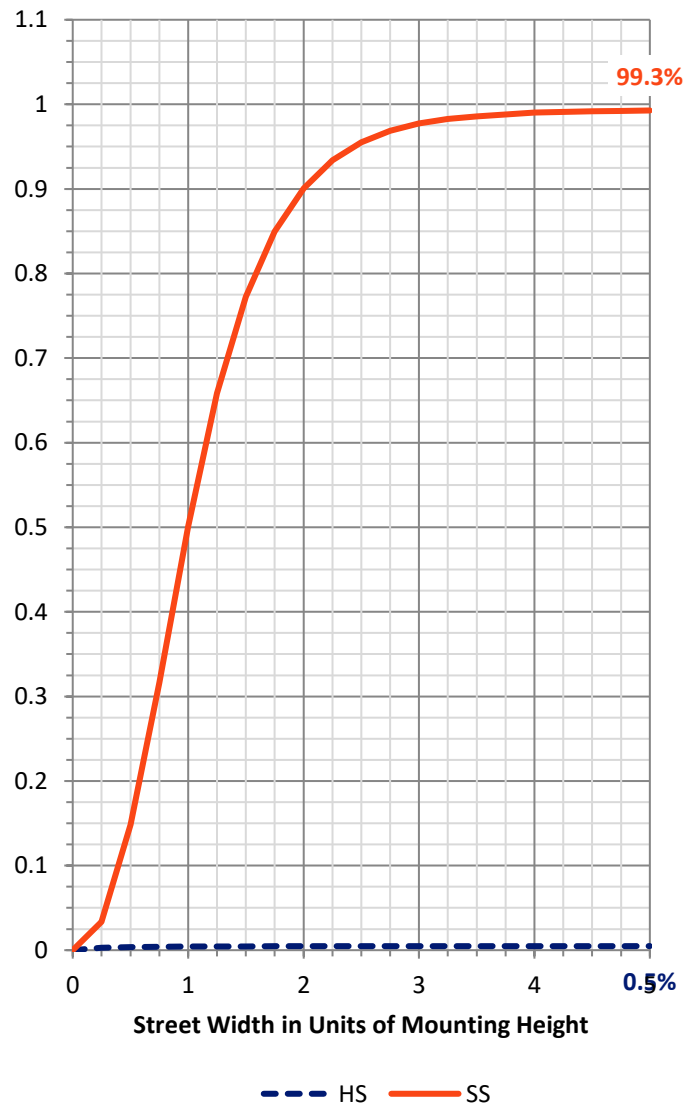
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	60.2	0.0	60.2
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	11961.4	0.0	11961.4
	% Fixture	99.5	0.0	99.5
Total	Lumens	12021.6	0.0	12021.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.7	0.0
10°-20°	26.4	0.2
20°-30°	284.9	2.4
30°-40°	842.5	7.0
40°-50°	2510.8	20.9
50°-60°	3981.3	33.1
60°-70°	3323.4	27.6
70°-80°	1024.8	8.5
80°-90°	22.8	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°	12021.6	100.0
0°-180°	12021.6	100.0



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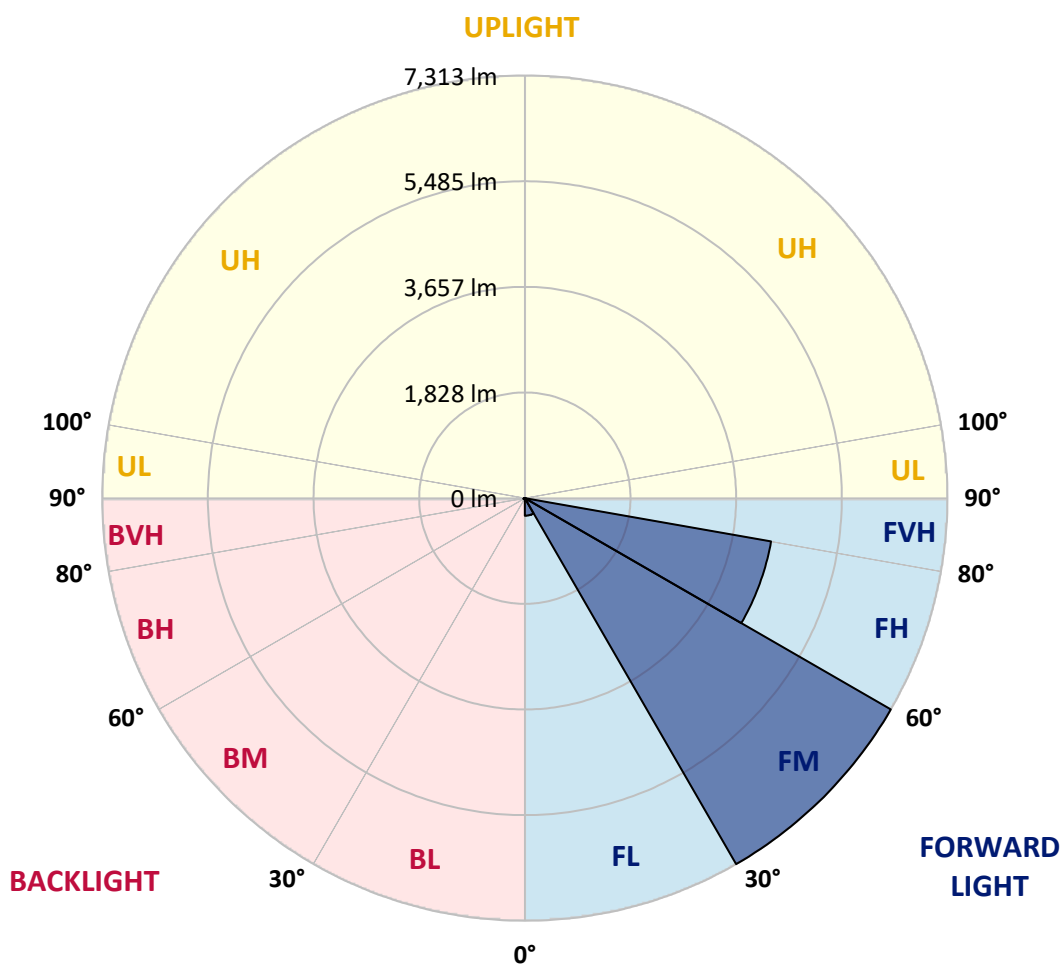
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	305.0	2.5			
FM	(30°-60°)	7313.1	60.8			
FH	(60°-80°)	4325.8	36.0			G2/5000
FVH	(80°-90°)	17.6	0.1			G1/100
BL	(0°-30°)	11.1	0.1	B0/110		
BM	(30°-60°)	21.5	0.2	B0/220		
BH	(60°-80°)	22.5	0.2	B0/110		G0/110
BVH	(80°-90°)	5.2	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-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
2.5°	48.1	48.1	48.1	48.1	47.2	47.2	46.3	46.3	45.4	45.4
5°	50.9	50.9	50.0	49.1	49.1	48.1	47.2	46.3	46.3	45.4
7.5°	55.4	54.5	53.6	52.7	50.9	50.0	48.1	47.2	46.3	44.5
10°	60.9	59.1	57.2	55.4	53.6	51.8	50.0	49.1	47.2	46.3
12.5°	68.1	65.4	61.8	59.1	57.2	54.5	52.7	50.9	48.1	46.3
15°	74.5	70.9	66.3	62.7	60.0	56.3	53.6	50.9	49.1	46.3
17.5°	83.6	77.2	70.0	65.4	61.8	57.2	52.7	50.0	47.2	43.6
20°	99.0	86.3	72.7	67.2	61.8	56.3	50.9	47.2	44.5	40.9
22.5°	123.6	101.7	79.9	71.8	64.5	56.3	49.1	45.4	41.8	38.2
25°	170.8	131.7	92.7	81.8	70.9	60.0	49.1	44.5	40.9	36.3
27.5°	227.1	169.0	109.9	94.5	79.9	64.5	49.1	43.6	39.1	33.6
30°	284.3	207.1	129.0	109.0	89.0	69.0	49.1	42.7	37.2	30.9
32.5°	338.9	242.6	145.4	121.7	98.1	73.6	50.0	42.7	35.4	28.2
35°	394.3	271.6	148.1	123.6	99.0	73.6	49.1	40.9	33.6	25.4
37.5°	465.1	304.3	142.6	118.1	94.5	70.0	46.3	39.1	31.8	23.6
40°	572.3	358.8	145.4	119.9	94.5	69.0	43.6	36.3	30.0	22.7
42.5°	770.4	464.2	157.2	128.1	99.0	69.0	40.0	33.6	28.2	21.8
45°	1331.8	771.3	210.8	167.2	123.6	79.9	36.3	30.9	26.3	20.9
47.5°	2203.0	1290.9	378.8	292.5	207.1	120.8	35.4	30.9	26.3	20.9
50°	2811.7	1644.3	476.9	367.0	257.1	147.2	37.2	31.8	27.3	21.8
52.5°	2807.2	1669.8	531.5	407.9	285.3	161.7	39.1	33.6	29.1	23.6
55°	2495.5	1519.0	541.4	416.1	291.6	166.2	41.8	36.3	30.9	25.4
57.5°	2085.8	1290.0	494.2	382.5	271.6	159.9	48.1	41.8	36.3	30.0
60°	1649.8	1017.5	385.2	304.3	224.4	143.5	63.6	55.4	48.1	40.0
62.5°	1139.2	737.7	336.1	269.8	204.4	138.1	72.7	64.5	57.2	49.1
65°	805.8	555.1	303.4	247.1	191.7	135.4	79.0	70.0	61.8	52.7
67.5°	602.3	441.5	279.8	231.7	183.5	135.4	87.2	76.3	66.3	55.4
70°	461.5	362.5	262.5	223.5	185.3	146.3	107.2	91.8	77.2	61.8
72.5°	376.1	309.8	242.6	214.4	186.2	158.1	129.9	109.9	89.9	69.0
75°	311.6	265.3	218.9	195.3	172.6	149.0	125.4	107.2	89.9	71.8
77.5°	207.1	189.0	169.9	156.3	142.6	128.1	114.5	99.0	84.5	69.0
80°	72.7	70.0	67.2	72.7	78.1	83.6	89.0	78.1	68.1	57.2
82.5°	10.9	10.0	9.1	10.0	10.9	11.8	12.7	13.6	14.5	15.4
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°	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
0.0	2.5°	44.5	44.5	43.6	43.6	43.6	42.7	42.7	41.8	41.8	41.8
0.0	5°	43.6	43.6	42.7	41.8	40.9	40.9	40.0	39.1	39.1	38.2
0.0	7.5°	42.7	41.8	40.9	40.0	39.1	38.2	37.2	36.3	36.3	35.4
0.0	10°	43.6	41.8	40.9	39.1	38.2	37.2	35.4	34.5	33.6	33.6
0.0	12.5°	41.8	40.9	39.1	37.2	36.3	34.5	33.6	31.8	30.9	30.9
0.0	15°	41.8	40.0	37.2	35.4	33.6	32.7	30.9	29.1	28.2	27.3
0.0	17.5°	39.1	37.2	34.5	32.7	30.9	29.1	27.3	25.4	24.5	23.6
0.0	20°	35.4	33.6	30.9	28.2	26.3	24.5	22.7	20.9	20.0	19.1
0.0	22.5°	31.8	30.0	27.3	24.5	22.7	20.9	18.2	16.4	15.4	13.6
0.0	25°	30.0	27.3	24.5	21.8	19.1	17.3	14.5	11.8	10.0	8.2
0.0	27.5°	25.4	22.7	20.0	17.3	14.5	11.8	9.1	6.4	4.5	3.6
0.0	30°	21.8	19.1	16.4	13.6	10.0	7.3	4.5	0.9	0.9	0.9
0.0	32.5°	18.2	15.4	11.8	9.1	7.3	4.5	2.7	0.0	0.0	0.0
0.0	35°	14.5	11.8	8.2	5.5	4.5	2.7	1.8	0.0	0.0	0.0
0.0	37.5°	12.7	10.0	6.4	2.7	1.8	1.8	0.9	0.0	0.0	0.0
0.0	40°	11.8	8.2	4.5	0.9	0.9	0.9	0.0	0.0	0.0	0.0
0.0	42.5°	11.8	8.2	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	11.8	8.2	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	11.8	8.2	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	12.7	9.1	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	14.5	10.9	7.3	3.6	2.7	1.8	0.9	0.0	0.0	0.0
0.0	55°	18.2	16.4	13.6	11.8	9.1	6.4	2.7	0.0	0.0	0.0
0.0	57.5°	23.6	23.6	22.7	21.8	16.4	10.9	5.5	0.0	0.0	0.0
0.0	60°	31.8	31.8	31.8	31.8	23.6	16.4	8.2	0.0	0.0	0.0
0.0	62.5°	39.1	37.2	34.5	32.7	24.5	16.4	8.2	0.0	0.0	0.0
0.0	65°	39.1	35.4	30.9	26.3	20.0	13.6	6.4	0.0	0.0	0.0
0.0	67.5°	36.3	29.1	20.9	13.6	10.0	7.3	3.6	0.0	0.0	0.0
	70°	36.3	25.4	14.5	3.6	2.7	1.8	0.9	0.0	0.0	0.0
	72.5°	36.3	24.5	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	40.0	27.3	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	40.0	27.3	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	35.4	23.6	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	11.8	8.2	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
0.0	2.5°	40.9	40.9	40.9	40.0	40.0	40.0	40.0	39.1	39.1	39.1
0.0	5°	37.2	37.2	36.3	36.3	35.4	35.4	34.5	34.5	33.6	33.6
0.0	7.5°	34.5	33.6	33.6	32.7	31.8	31.8	30.9	30.9	30.0	29.1
0.0	10°	31.8	30.9	30.9	30.0	29.1	28.2	28.2	27.3	26.3	25.4
0.0	12.5°	29.1	28.2	27.3	26.3	25.4	24.5	24.5	23.6	22.7	21.8
0.0	15°	25.4	24.5	23.6	22.7	21.8	20.9	20.9	20.0	19.1	18.2
0.0	17.5°	21.8	20.9	20.9	20.0	19.1	18.2	17.3	15.4	14.5	13.6
0.0	20°	16.4	15.4	14.5	13.6	12.7	10.9	10.0	8.2	6.4	5.5
0.0	22.5°	10.9	9.1	8.2	6.4	4.5	3.6	2.7	0.9	0.0	0.0
0.0	25°	3.6	2.7	1.8	0.9	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: P1065038

CATALOG NUMBER: GLAN-SA4B-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065038

CATALOG NUMBER: GLAN-SA4B-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°	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
0.0	2.5°	38.2	38.2	38.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
0.0	5°	32.7	32.7	32.7	31.8	31.8	30.9	30.9	30.9	30.0	30.0
0.0	7.5°	28.2	27.3	27.3	26.3	26.3	25.4	25.4	25.4	24.5	24.5
0.0	10°	23.6	22.7	22.7	21.8	21.8	20.9	20.9	20.0	20.0	19.1
0.0	12.5°	20.9	20.0	19.1	18.2	18.2	17.3	16.4	16.4	15.4	14.5
0.0	15°	16.4	15.4	14.5	13.6	12.7	11.8	10.9	10.9	10.0	9.1
0.0	17.5°	10.9	9.1	8.2	7.3	7.3	6.4	5.5	4.5	3.6	2.7
0.0	20°	2.7	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1065038

CATALOG NUMBER: GLAN-SA4B-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065038

CATALOG NUMBER: GLAN-SA4B-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°	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
0.0	2.5°	37.2	36.3	36.3	36.3	37.2	37.2	37.2	37.2	37.2	37.2
0.0	5°	30.0	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
0.0	7.5°	24.5	23.6	23.6	23.6	23.6	22.7	22.7	22.7	22.7	22.7
0.0	10°	19.1	18.2	18.2	18.2	18.2	17.3	17.3	17.3	17.3	17.3
0.0	12.5°	13.6	13.6	12.7	12.7	12.7	11.8	11.8	11.8	11.8	10.9
0.0	15°	8.2	7.3	6.4	6.4	6.4	5.5	5.5	5.5	5.5	4.5
0.0	17.5°	1.8	1.8	0.9	0.9	0.9	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: P1065038

CATALOG NUMBER: GLAN-SA4B-940-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
0.0	2.5°	38.2	38.2	39.1	39.1	40.0	41.8	42.7	43.6	45.4	47.2
0.0	5°	30.0	30.9	30.9	31.8	32.7	33.6	34.5	35.4	37.2	39.1
0.0	7.5°	23.6	23.6	24.5	24.5	25.4	27.3	28.2	29.1	30.9	33.6
0.0	10°	18.2	18.2	19.1	19.1	20.0	21.8	22.7	23.6	25.4	28.2
0.0	12.5°	11.8	12.7	12.7	13.6	14.5	16.4	17.3	18.2	20.0	21.8
0.0	15°	5.5	6.4	6.4	7.3	8.2	10.0	10.9	11.8	13.6	16.4
0.0	17.5°	0.9	0.9	1.8	1.8	2.7	3.6	4.5	5.5	8.2	10.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	3.6
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
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: P1065038

CATALOG NUMBER: GLAN-SA4B-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°	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
0.0	2.5°	50.0	51.8	53.6	55.4	57.2	59.1	60.0	61.8	62.7	63.6
0.0	5°	42.7	44.5	47.2	49.1	50.9	52.7	54.5	55.4	56.3	57.2
0.0	7.5°	37.2	39.1	41.8	43.6	45.4	47.2	49.1	50.9	51.8	52.7
0.0	10°	31.8	34.5	36.3	39.1	40.9	42.7	44.5	46.3	48.1	49.1
0.0	12.5°	25.4	28.2	30.9	32.7	35.4	38.2	40.0	41.8	43.6	45.4
0.0	15°	20.0	22.7	25.4	27.3	30.0	32.7	35.4	37.2	39.1	40.9
0.0	17.5°	14.5	17.3	20.0	21.8	24.5	27.3	29.1	31.8	33.6	35.4
0.0	20°	7.3	10.0	12.7	15.4	18.2	20.9	22.7	25.4	27.3	29.1
0.0	22.5°	0.9	3.6	6.4	8.2	10.9	13.6	15.4	18.2	20.0	21.8
0.0	25°	0.0	0.9	2.7	3.6	4.5	6.4	8.2	10.0	11.8	13.6
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.9	1.8	3.6	5.5	7.3
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
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	0.9
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.9	1.8
	85°	0.0	0.0	0.0	0.0	0.0	1.8	2.7	4.5	5.5	6.4
	87.5°	0.0	0.9	1.8	2.7	3.6	5.5	7.3	9.1	10.0	10.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1065038

CATALOG NUMBER: GLAN-SA4B-940-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
52.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
0.9											
3.6											
8.2											
11.8											
0.0											
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REPORT NUMBER: P1065038

CATALOG NUMBER: GLAN-SA4B-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°	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
0.0	2.5°	64.5	64.5	64.5	64.5	63.6	63.6	63.6	62.7	62.7	61.8
0.0	5°	59.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	59.1	59.1
0.0	7.5°	54.5	55.4	56.3	56.3	57.2	57.2	57.2	56.3	56.3	55.4
0.0	10°	51.8	52.7	52.7	53.6	53.6	53.6	53.6	53.6	53.6	53.6
0.0	12.5°	48.1	49.1	50.0	50.0	50.9	50.9	50.9	50.9	50.0	50.0
0.0	15°	43.6	45.4	46.3	47.2	47.2	48.1	48.1	48.1	48.1	48.1
0.0	17.5°	40.0	41.8	42.7	43.6	43.6	44.5	44.5	45.4	45.4	45.4
0.0	20°	32.7	34.5	35.4	37.2	38.2	39.1	40.0	40.9	40.9	41.8
0.0	22.5°	25.4	27.3	28.2	30.0	30.9	31.8	32.7	33.6	34.5	35.4
0.0	25°	18.2	20.0	20.9	22.7	23.6	24.5	25.4	26.3	26.3	27.3
0.0	27.5°	10.0	11.8	13.6	14.5	16.4	17.3	18.2	19.1	20.0	20.9
0.0	30°	4.5	5.5	6.4	8.2	9.1	10.0	10.9	12.7	13.6	14.5
0.0	32.5°	0.0	0.0	0.9	2.7	3.6	4.5	5.5	6.4	6.4	7.3
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.8	2.7	3.6
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	1.8	1.8	1.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7
	82.5°	4.5	5.5	6.4	6.4	7.3	7.3	7.3	7.3	6.4	6.4
	85°	9.1	10.0	10.9	10.9	11.8	11.8	11.8	11.8	11.8	11.8
	87.5°	12.7	13.6	14.5	14.5	15.4	15.4	15.4	15.4	15.4	15.4
	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: P1065038

CATALOG NUMBER: GLAN-SA4B-940-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
52.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	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											
2.7											
6.4											
11.8											
15.4											
0.0											
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REPORT NUMBER: P1065038

CATALOG NUMBER: GLAN-SA4B-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°	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
0.0	2.5°	60.9	60.9	60.0	60.0	60.0	60.0	60.0	60.9	61.8	61.8
0.0	5°	58.1	58.1	57.2	57.2	57.2	58.1	58.1	59.1	60.0	60.9
0.0	7.5°	55.4	54.5	54.5	55.4	55.4	56.3	56.3	57.2	58.1	59.1
0.0	10°	53.6	52.7	52.7	52.7	53.6	53.6	54.5	55.4	56.3	57.2
0.0	12.5°	50.0	50.0	50.0	50.0	50.9	50.9	51.8	52.7	54.5	55.4
0.0	15°	48.1	47.2	47.2	47.2	47.2	48.1	48.1	50.0	51.8	52.7
0.0	17.5°	44.5	44.5	43.6	43.6	44.5	44.5	45.4	47.2	49.1	50.0
0.0	20°	40.9	40.0	39.1	39.1	40.0	40.0	40.9	42.7	44.5	45.4
0.0	22.5°	35.4	34.5	34.5	34.5	34.5	35.4	35.4	37.2	40.0	41.8
0.0	25°	28.2	29.1	29.1	30.0	30.0	30.9	31.8	33.6	36.3	38.2
0.0	27.5°	21.8	22.7	22.7	24.5	25.4	26.3	27.3	30.0	32.7	34.5
0.0	30°	16.4	17.3	18.2	19.1	20.9	22.7	24.5	27.3	30.0	31.8
0.0	32.5°	10.0	11.8	12.7	14.5	16.4	18.2	20.0	22.7	26.3	29.1
0.0	35°	7.3	8.2	10.0	10.9	12.7	14.5	16.4	20.0	22.7	26.3
0.0	37.5°	3.6	5.5	7.3	9.1	10.9	12.7	14.5	18.2	21.8	24.5
0.0	40°	2.7	4.5	5.5	7.3	10.0	11.8	13.6	17.3	20.9	24.5
0.0	42.5°	1.8	2.7	3.6	6.4	8.2	10.9	13.6	17.3	20.9	24.5
0.0	45°	1.8	1.8	2.7	5.5	8.2	11.8	14.5	18.2	20.9	24.5
0.0	47.5°	1.8	2.7	3.6	7.3	9.1	11.8	14.5	17.3	20.9	23.6
0.0	50°	2.7	3.6	4.5	8.2	10.0	12.7	14.5	18.2	20.9	24.5
0.0	52.5°	1.8	2.7	3.6	7.3	10.0	13.6	16.4	20.0	23.6	26.3
0.0	55°	0.9	0.9	0.9	5.5	10.9	15.4	20.9	23.6	27.3	30.0
0.0	57.5°	0.0	0.0	0.0	3.6	10.9	17.3	23.6	27.3	30.9	33.6
0.0	60°	0.0	0.0	0.0	3.6	10.9	17.3	23.6	28.2	32.7	37.2
0.0	62.5°	0.0	0.0	0.0	3.6	9.1	14.5	20.0	27.3	35.4	42.7
0.0	65°	0.0	0.0	0.0	2.7	7.3	11.8	16.4	27.3	38.2	48.1
0.0	67.5°	0.0	0.0	0.0	2.7	7.3	10.9	15.4	27.3	38.2	50.0
	70°	0.0	0.0	0.0	2.7	7.3	11.8	16.4	27.3	38.2	49.1
	72.5°	0.0	0.0	0.0	2.7	8.2	12.7	18.2	27.3	36.3	45.4
	75°	0.0	0.0	0.0	3.6	8.2	13.6	19.1	27.3	35.4	42.7
	77.5°	0.0	0.0	0.0	2.7	8.2	12.7	18.2	26.3	34.5	41.8
	80°	2.7	1.8	1.8	4.5	8.2	11.8	15.4	23.6	32.7	40.9
	82.5°	5.5	5.5	4.5	6.4	8.2	10.9	13.6	20.9	29.1	36.3
	85°	10.9	10.9	10.0	10.9	10.9	11.8	12.7	16.4	20.0	23.6
	87.5°	14.5	14.5	13.6	13.6	13.6	12.7	12.7	12.7	12.7	11.8
	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: P1065038

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
52.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.0											
54.5											
50.9											
50.0											
49.1											
43.6											
27.3											
11.8											
0.0											
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REPORT NUMBER: P1065038

CATALOG NUMBER: GLAN-SA4B-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°	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
0.0	2.5°	63.6	64.5	64.5	65.4	66.3	67.2	67.2	68.1	68.1	68.1
0.0	5°	62.7	64.5	65.4	66.3	67.2	68.1	69.0	70.0	70.9	70.9
0.0	7.5°	61.8	62.7	64.5	65.4	67.2	68.1	70.0	70.9	71.8	72.7
0.0	10°	60.0	61.8	63.6	65.4	67.2	69.0	70.9	72.7	74.5	75.4
0.0	12.5°	58.1	60.9	62.7	64.5	67.2	70.0	71.8	74.5	76.3	78.1
0.0	15°	57.2	59.1	61.8	63.6	67.2	70.9	73.6	77.2	80.9	83.6
0.0	17.5°	54.5	58.1	60.9	63.6	67.2	71.8	75.4	79.0	84.5	89.9
0.0	20°	50.9	53.6	57.2	60.0	65.4	70.0	75.4	79.9	88.1	96.3
0.0	22.5°	47.2	50.9	53.6	57.2	63.6	69.0	75.4	80.9	94.5	107.2
0.0	25°	43.6	48.1	51.8	55.4	62.7	70.0	77.2	84.5	107.2	129.9
0.0	27.5°	41.8	45.4	50.0	53.6	62.7	72.7	81.8	90.8	127.2	162.6
0.0	30°	39.1	43.6	47.2	51.8	63.6	75.4	87.2	99.0	154.4	209.9
0.0	32.5°	36.3	40.9	45.4	50.0	65.4	80.9	95.4	110.8	183.5	255.3
0.0	35°	33.6	39.1	43.6	48.1	68.1	89.0	109.0	129.0	209.9	289.8
0.0	37.5°	32.7	38.2	42.7	47.2	69.0	89.9	111.7	132.6	212.6	292.5
0.0	40°	33.6	38.2	43.6	48.1	66.3	84.5	101.7	119.9	203.5	286.2
0.0	42.5°	33.6	39.1	44.5	50.0	64.5	79.0	93.6	108.1	200.8	293.4
0.0	45°	32.7	38.2	43.6	49.1	62.7	75.4	89.0	101.7	217.1	331.6
0.0	47.5°	31.8	37.2	42.7	48.1	61.8	75.4	89.0	102.7	280.7	457.9
0.0	50°	31.8	37.2	41.8	46.3	62.7	79.9	96.3	112.6	408.8	704.1
0.0	52.5°	33.6	38.2	41.8	45.4	64.5	84.5	103.6	122.6	519.6	915.7
0.0	55°	36.3	39.1	42.7	45.4	69.0	91.8	115.4	138.1	553.3	968.4
0.0	57.5°	40.0	42.7	45.4	48.1	77.2	106.3	134.5	163.5	556.0	947.5
0.0	60°	44.5	48.1	50.9	53.6	84.5	116.3	147.2	178.1	503.3	827.6
0.0	62.5°	54.5	59.1	62.7	67.2	97.2	126.3	156.3	185.3	417.9	650.5
0.0	65°	62.7	66.3	70.0	73.6	102.7	132.6	161.7	190.8	354.3	517.8
0.0	67.5°	64.5	68.1	70.9	74.5	104.5	134.5	163.5	193.5	303.4	412.4
	70°	65.4	70.0	75.4	79.9	110.8	141.7	171.7	202.6	268.9	335.2
	72.5°	62.7	71.8	79.9	88.1	117.2	145.4	174.4	202.6	249.8	297.1
	75°	62.7	75.4	87.2	99.0	120.8	141.7	163.5	184.4	220.8	257.1
	77.5°	66.3	82.7	99.0	115.4	128.1	139.9	152.6	164.4	188.1	211.7
	80°	66.3	83.6	99.9	117.2	122.6	129.0	134.5	139.9	142.6	145.4
	82.5°	57.2	70.9	84.5	98.1	91.8	85.4	79.0	72.7	68.1	62.7
	85°	29.1	31.8	33.6	35.4	32.7	30.0	27.3	24.5	22.7	20.0
	87.5°	11.8	11.8	10.9	10.9	10.9	10.9	10.0	10.0	10.0	10.0
	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: P1065038

CATALOG NUMBER: GLAN-SA4B-940-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
52.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
193.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
268.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
364.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
455.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
516.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
563.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
609.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
882.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1344.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2059.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2592.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2651.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2392.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2045.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1598.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1208.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
892.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
631.4											
469.7											
341.6											
257.1											
144.4											
65.4											
19.1											
9.1											
0.0											
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REPORT NUMBER: P1065038

CATALOG NUMBER: GLAN-SA4B-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°	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
0.0	2.5°	68.1	67.2	67.2	66.3	65.4	64.5	63.6	62.7	61.8	60.9
0.0	5°	70.9	70.9	70.9	70.0	70.0	69.0	69.0	68.1	67.2	66.3
0.0	7.5°	73.6	74.5	74.5	75.4	75.4	75.4	75.4	74.5	74.5	74.5
0.0	10°	78.1	79.0	79.9	80.9	81.8	82.7	82.7	83.6	83.6	83.6
0.0	12.5°	83.6	86.3	88.1	90.8	92.7	95.4	97.2	99.9	101.7	103.6
0.0	15°	91.8	96.3	101.7	106.3	110.8	117.2	124.5	130.8	137.2	147.2
0.0	17.5°	103.6	118.1	132.6	146.3	160.8	192.6	224.4	255.3	287.1	333.4
0.0	20°	126.3	169.9	212.6	256.2	298.9	410.6	521.5	633.2	744.0	863.0
0.0	22.5°	177.2	284.3	391.5	498.7	605.9	839.4	1072.0	1305.5	1538.0	1811.5
0.0	25°	257.1	454.2	651.4	847.6	1044.7	1409.9	1776.0	2141.2	2506.4	2861.7
0.0	27.5°	374.3	675.9	977.5	1278.2	1579.8	2074.9	2571.0	3066.1	3561.2	3962.7
0.0	30°	518.7	927.5	1336.3	1745.2	2154.0	2717.2	3280.5	3842.8	4406.0	4844.8
0.0	32.5°	655.0	1155.6	1656.1	2155.8	2656.3	3297.7	3940.0	4581.4	5222.8	5702.4
0.0	35°	744.0	1349.1	1955.0	2560.0	3165.1	3859.2	4553.2	5246.4	5940.4	6488.2
0.0	37.5°	833.1	1531.7	2229.4	2928.0	3625.7	4387.9	5150.1	5912.3	6674.5	7351.3
0.0	40°	933.0	1752.4	2571.0	3390.4	4208.9	5111.9	6014.0	6917.0	7819.1	8773.9
0.0	42.5°	1106.5	2118.5	3131.5	4143.5	5155.5	6350.2	7544.8	8738.5	9933.1	11295.8
0.0	45°	1432.6	2858.9	4286.1	5712.4	7138.7	8721.2	10304.7	11887.2	13469.8	15283.1
0.0	47.5°	2231.2	4193.5	6154.8	8117.1	10078.5	11787.3	13495.2	15204.0	16911.9	18718.0
0.0	50°	3414.0	5697.9	7981.8	10264.7	12548.6	14094.8	15640.1	17186.3	18731.6	20449.5
0.0	52.5°	4269.8	6649.0	9029.2	11408.5	13787.7	15183.1	16579.4	17974.8	19370.2	20975.5
0.0	55°	4334.3	6699.9	9066.5	11432.1	13797.7	15199.5	16601.3	18003.0	19404.8	21106.3
0.0	57.5°	3837.3	6183.9	8529.6	10876.1	13221.8	14817.9	16413.2	18009.4	19604.6	21444.3
0.0	60°	3264.1	5611.6	7958.1	10305.6	12652.2	14490.9	16330.5	18169.3	20008.0	21731.3
0.0	62.5°	2546.4	4961.1	7376.7	9791.4	12206.1	14073.0	15939.9	17805.9	19672.8	20965.5
0.0	65°	1897.8	4242.5	6587.3	8931.1	11275.8	12771.2	14266.5	15760.9	17256.3	18056.6
0.0	67.5°	1371.8	3394.0	5415.3	7437.6	9458.9	10529.1	11599.3	12668.5	13738.7	14351.0
	70°	927.5	2328.4	3728.3	5129.2	6529.1	7408.5	8288.8	9168.2	10047.6	10874.3
	72.5°	642.3	1429.0	2216.6	3003.4	3790.1	4675.0	5558.9	6443.7	7327.7	8202.5
	75°	426.1	784.0	1142.8	1500.8	1858.7	2513.7	3169.6	3824.6	4479.6	5001.1
	77.5°	302.5	409.7	517.8	625.0	732.2	854.9	978.4	1101.1	1223.7	1409.9
	80°	143.5	157.2	170.8	183.5	197.1	241.7	286.2	330.7	375.2	422.4
	82.5°	68.1	73.6	79.0	83.6	89.0	93.6	98.1	102.7	107.2	102.7
	85°	18.2	18.2	19.1	19.1	19.1	19.1	19.1	19.1	19.1	18.2
	87.5°	8.2	8.2	8.2	8.2	8.2	8.2	8.2	7.3	7.3	6.4
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
52.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
378.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
983.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2084.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3216.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4364.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5284.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6183.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7036.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8029.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9728.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12658.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17096.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20524.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22167.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22580.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22808.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23283.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23453.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22259.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18857.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14964.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11700.1											
9077.4											
5522.5											
1596.2											
469.7											
97.2											
17.3											
6.4											
0.0											
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°	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
0.0	2.5°	59.1	58.1	57.2	56.3	55.4	53.6	53.6	52.7	52.7
0.0	5°	64.5	63.6	62.7	61.8	61.8	60.9	60.0	60.0	59.1
0.0	7.5°	73.6	72.7	71.8	70.9	70.9	70.0	70.0	69.0	69.0
0.0	10°	84.5	84.5	84.5	84.5	84.5	83.6	83.6	83.6	82.7
0.0	12.5°	106.3	107.2	109.0	110.8	113.6	113.6	113.6	112.6	112.6
0.0	15°	168.1	178.1	185.3	192.6	199.0	213.5	211.7	208.9	207.1
0.0	17.5°	425.2	470.6	495.1	518.7	543.3	610.5	599.6	588.7	578.7
0.0	20°	1102.0	1221.0	1300.0	1379.0	1459.0	1585.3	1554.4	1523.5	1492.6
0.0	22.5°	2357.5	2630.9	2749.9	2868.9	2987.0	3139.6	3040.6	2941.6	2843.5
0.0	25°	3571.2	3926.4	4127.1	4327.9	4527.8	4615.0	4486.0	4356.1	4227.1
0.0	27.5°	4765.8	5167.3	5344.5	5520.7	5697.9	5880.5	5720.6	5559.8	5399.9
0.0	30°	5723.3	6162.1	6353.8	6544.6	6736.3	6863.4	6698.1	6531.8	6366.5
0.0	32.5°	6662.7	7142.3	7352.2	7562.0	7771.0	7953.6	7750.1	7545.7	7342.2
0.0	35°	7582.9	8130.7	8419.6	8708.5	8997.4	9167.3	8925.6	8683.1	8441.4
0.0	37.5°	8705.8	9382.6	9706.0	10029.4	10352.8	10662.6	10396.5	10129.4	9863.2
0.0	40°	10683.5	11638.3	12134.3	12631.3	13127.3	13527.0	13190.9	12854.8	12518.6
0.0	42.5°	14021.2	15383.9	16097.1	16809.3	17522.4	18146.5	17793.2	17439.8	17086.4
0.0	45°	18909.7	20722.9	21592.3	22460.8	23330.2	23786.3	23277.5	22767.9	22259.2
0.0	47.5°	22329.1	24135.1	24909.1	25683.2	26457.2	26977.7	26355.4	25733.1	25111.7
0.0	50°	23884.4	25602.3	26379.0	27154.9	27931.6	28345.0	27626.4	26906.9	26188.3
0.0	52.5°	24185.1	25790.4	26717.0	27644.5	28571.2	29123.5	28275.0	27425.6	26577.1
0.0	55°	24510.3	26211.9	27286.6	28362.2	29436.9	30201.9	29242.5	28282.3	27322.9
0.0	57.5°	25122.6	26962.3	28034.3	29105.3	30177.3	30826.9	29864.8	28901.8	27939.8
0.0	60°	25177.1	26899.6	27820.8	28742.9	29664.0	30072.8	29152.6	28231.4	27311.1
0.0	62.5°	23551.9	24844.6	25484.2	26123.8	26763.3	27207.6	26247.3	25286.2	24325.9
0.0	65°	19658.2	20458.6	20968.2	21477.9	21987.5	22517.2	21637.8	20758.4	19879.0
0.0	67.5°	15576.5	16188.8	16860.2	17531.5	18202.9	18768.8	18064.8	17359.8	16655.8
	70°	12526.8	13352.6	14107.5	14862.5	15617.4	16080.7	15373.9	14666.2	13959.4
	72.5°	9952.2	10827.1	11457.5	12087.1	12717.6	12831.1	12311.5	11791.8	11273.1
	75°	6043.1	6564.6	6577.3	6589.1	6601.8	6709.9	6279.3	5848.7	5419.0
	77.5°	1782.4	1968.6	2122.2	2274.8	2428.3	2613.6	2455.6	2296.6	2138.5
	80°	516.0	563.2	603.2	642.3	682.3	658.6	621.4	584.1	546.9
	82.5°	92.7	87.2	86.3	85.4	85.4	80.9	73.6	66.3	59.1
	85°	16.4	15.4	14.5	13.6	12.7	11.8	10.0	9.1	7.3
	87.5°	5.5	4.5	3.6	2.7	2.7	0.9	0.9	0.9	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CATALOG NUMBER: GLAN-SA4B-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°	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
0.0	0.0	2.5°	51.8	50.9	50.9	50.9	50.9	50.0	50.0	50.0	50.0
0.0	0.0	5°	57.2	57.2	56.3	56.3	55.4	55.4	54.5	54.5	53.6
0.0	0.0	7.5°	67.2	66.3	65.4	64.5	63.6	61.8	60.9	60.0	60.0
0.0	0.0	10°	80.9	79.0	78.1	76.3	75.4	73.6	71.8	70.0	68.1
0.0	0.0	12.5°	106.3	102.7	99.9	96.3	92.7	89.9	86.3	83.6	79.9
0.0	0.0	15°	184.4	175.3	165.3	153.5	140.8	129.0	116.3	109.0	100.8
0.0	0.0	17.5°	471.5	424.3	376.1	337.0	298.0	259.8	220.8	192.6	164.4
0.0	0.0	20°	1200.1	1069.3	938.4	809.4	679.5	550.5	420.6	355.2	289.8
0.0	0.0	22.5°	2258.4	2015.9	1772.4	1537.1	1300.9	1065.6	830.3	682.3	535.1
0.0	0.0	25°	3485.8	3180.5	2875.3	2488.3	2100.4	1713.4	1326.4	1085.6	844.9
0.0	0.0	27.5°	4536.0	4184.4	3832.8	3362.2	2891.6	2421.1	1950.5	1591.6	1233.7
0.0	0.0	30°	5445.3	5067.4	4689.5	4141.7	3593.9	3046.1	2498.3	2049.5	1600.7
0.0	0.0	32.5°	6233.9	5781.5	5329.0	4764.0	4198.9	3633.9	3068.8	2518.3	1967.7
0.0	0.0	35°	7143.2	6615.4	6086.7	5459.9	4832.1	4205.3	3578.4	2957.0	2334.7
0.0	0.0	37.5°	8298.8	7651.1	7002.4	6303.8	5605.2	4907.5	4208.9	3498.5	2788.1
0.0	0.0	40°	10510.9	9675.1	8839.3	7951.8	7063.3	6175.7	5288.2	4416.0	3543.9
0.0	0.0	42.5°	14474.5	13345.3	12216.1	11035.1	9853.2	8672.2	7490.3	6260.2	5029.3
0.0	0.0	45°	18947.8	17547.0	16145.2	14819.8	13493.4	12168.0	10842.5	9154.6	7466.7
0.0	0.0	47.5°	21463.3	19950.8	18438.2	17183.6	15929.0	14674.4	13419.8	11600.2	9780.5
0.0	0.0	50°	22389.1	20849.2	19309.4	18154.7	16999.2	15844.5	14688.9	12866.6	11043.3
0.0	0.0	52.5°	22586.2	21015.5	19444.7	18282.8	17120.9	15959.9	14798.0	12987.4	11176.8
0.0	0.0	55°	22991.4	21306.2	19620.1	18295.5	16971.0	15646.5	14321.9	12482.3	10642.6
0.0	0.0	57.5°	23521.0	21793.1	20065.2	18556.3	17047.3	15539.3	14030.3	12019.0	10007.6
0.0	0.0	60°	23382.0	21878.5	20374.1	18757.9	17140.9	15524.7	13907.7	11695.6	9482.5
0.0	0.0	62.5°	20969.1	19771.8	18573.5	17244.4	15914.5	14585.4	13256.3	10978.8	8701.3
0.0	0.0	65°	17250.8	16376.9	15502.9	14433.7	13363.5	12294.2	11225.0	9182.7	7141.4
0.0	0.0	67.5°	13981.2	12996.5	12010.8	11158.7	10305.6	9453.5	8600.4	6993.3	5386.3
		70°	11107.8	10036.7	8964.7	8132.6	7299.5	6467.3	5635.2	4566.8	3499.4
		72.5°	8821.2	7855.5	6889.8	6002.2	5113.7	4226.2	3337.7	2706.3	2074.9
		75°	4216.2	3830.1	3444.0	2979.8	2515.5	2051.3	1587.1	1311.8	1037.5
		77.5°	1562.6	1354.5	1145.6	956.6	767.7	579.6	390.6	357.9	325.2
		80°	404.3	352.5	299.8	262.5	224.4	187.1	149.9	135.4	121.7
		82.5°	46.3	42.7	40.0	38.2	35.4	33.6	30.9	28.2	25.4
		85°	2.7	1.8	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: P1065038

CATALOG NUMBER: GLAN-SA4B-940-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	52.7	52.7
0.0	0.0	2.5°	49.1	48.1
0.0	0.0	5°	51.8	50.9
0.0	0.0	7.5°	57.2	55.4
0.0	0.0	10°	62.7	60.9
0.0	0.0	12.5°	70.9	68.1
0.0	0.0	15°	79.9	74.5
0.0	0.0	17.5°	95.4	83.6
0.0	0.0	20°	129.0	99.0
0.0	0.0	22.5°	181.7	123.6
0.0	0.0	25°	267.1	170.8
0.0	0.0	27.5°	371.6	227.1
0.0	0.0	30°	494.2	284.3
0.0	0.0	32.5°	602.3	338.9
0.0	0.0	35°	743.1	394.3
0.0	0.0	37.5°	916.6	465.1
0.0	0.0	40°	1185.5	572.3
0.0	0.0	42.5°	1669.8	770.4
0.0	0.0	45°	2711.8	1331.8
0.0	0.0	47.5°	4172.6	2203.0
0.0	0.0	50°	5104.7	2811.7
0.0	0.0	52.5°	5181.0	2807.2
0.0	0.0	55°	4729.5	2495.5
0.0	0.0	57.5°	4035.4	2085.8
0.0	0.0	60°	3354.0	1649.8
0.0	0.0	62.5°	2642.7	1139.2
0.0	0.0	65°	1931.4	805.8
0.0	0.0	67.5°	1387.2	602.3
		70°	912.1	461.5
		72.5°	594.1	376.1
		75°	399.7	311.6
		77.5°	233.5	207.1
		80°	82.7	72.7
		82.5°	15.4	10.9
		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: P1065038

CATALOG NUMBER: GLAN-SA4B-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

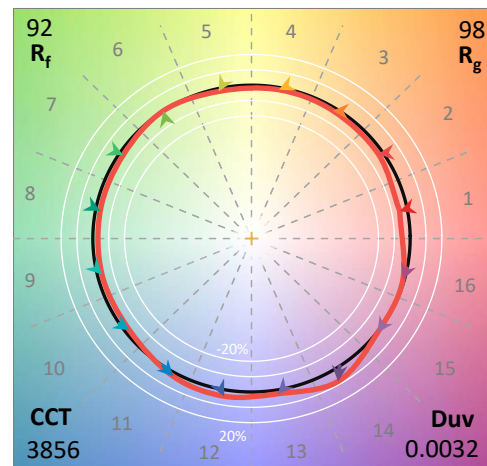
Test Information

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

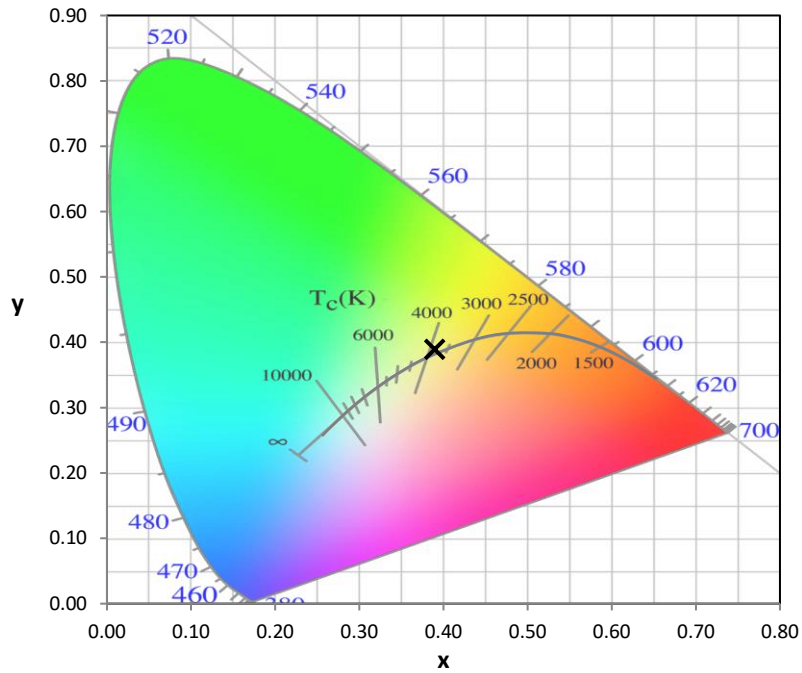
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-16

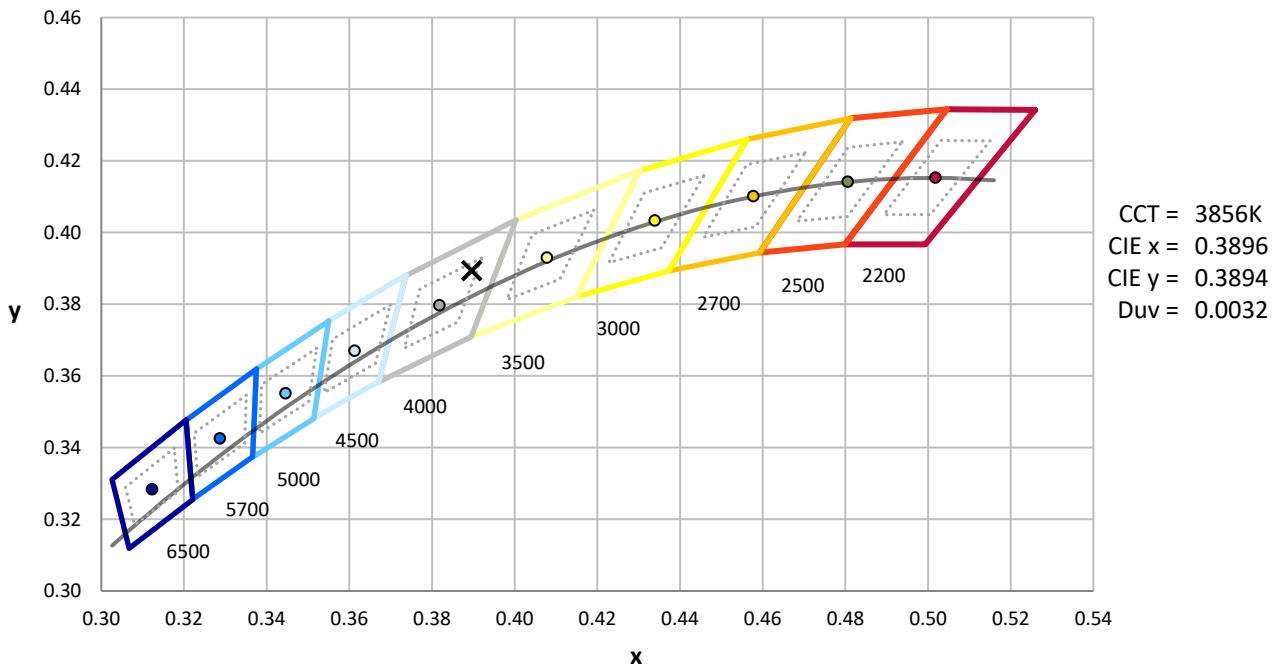
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



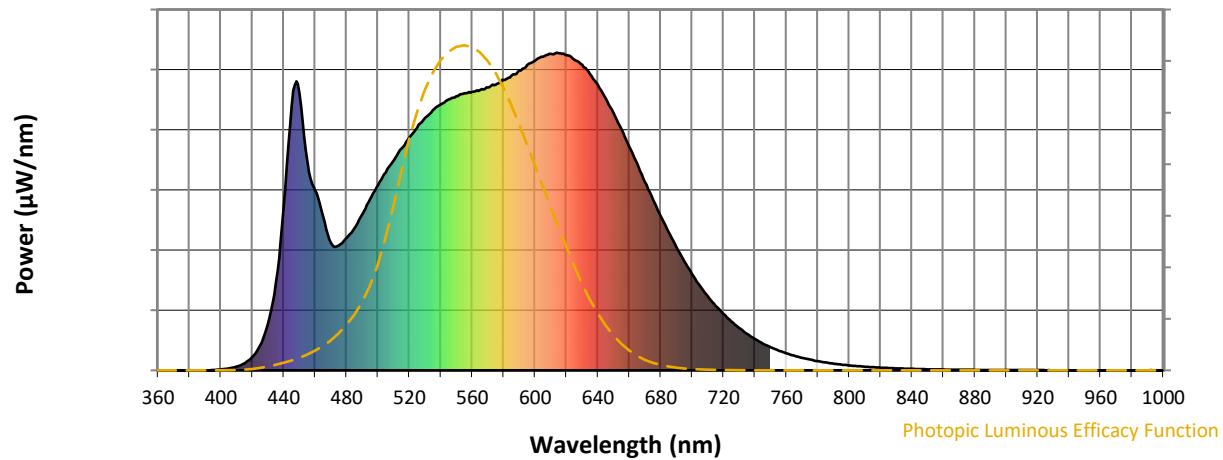
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-16

Photopic Flux vs. Wavelength

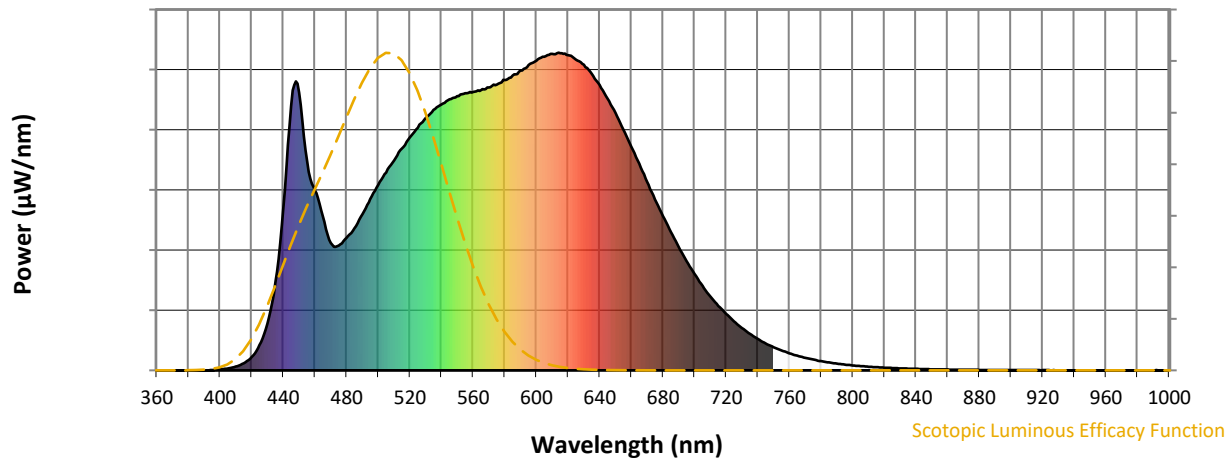


Photopic Lumens: NR

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



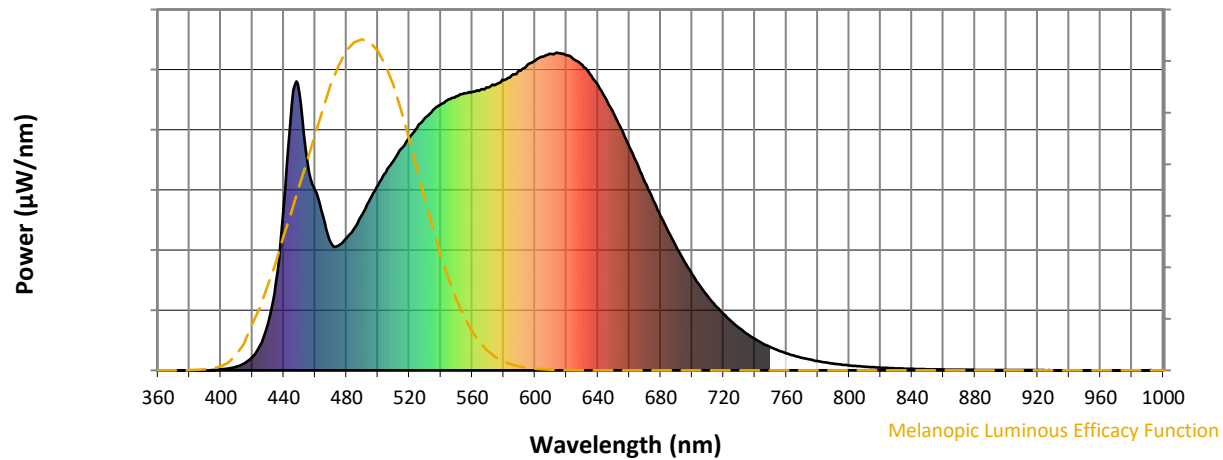
Scotopic Lumens: NR

S/P: 1.72

λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /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

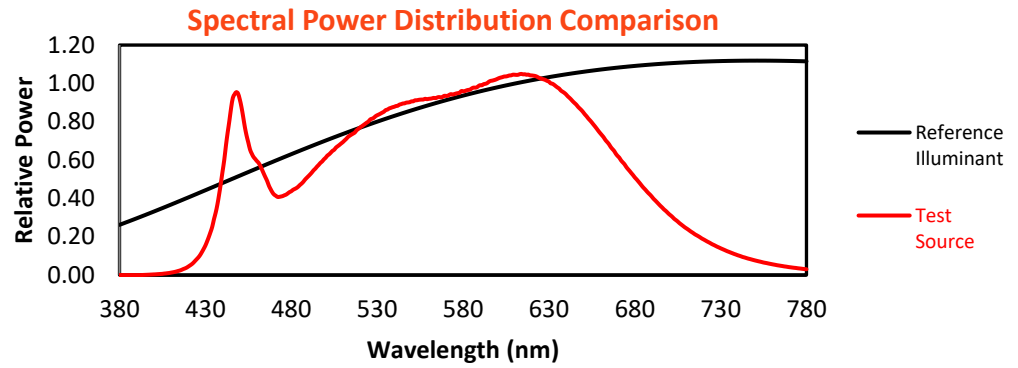
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	492	NR	620	993	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

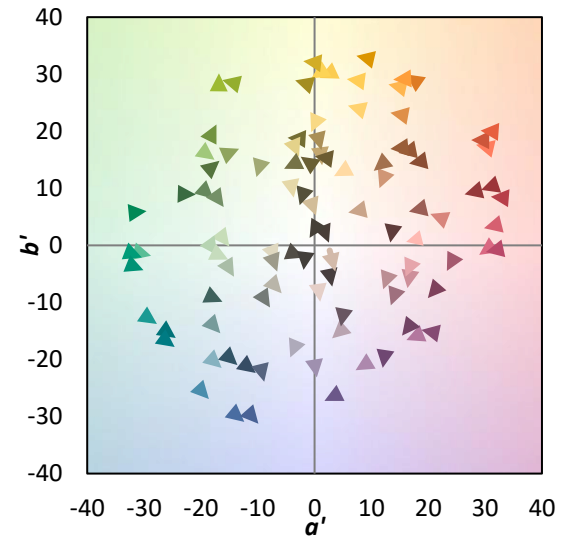
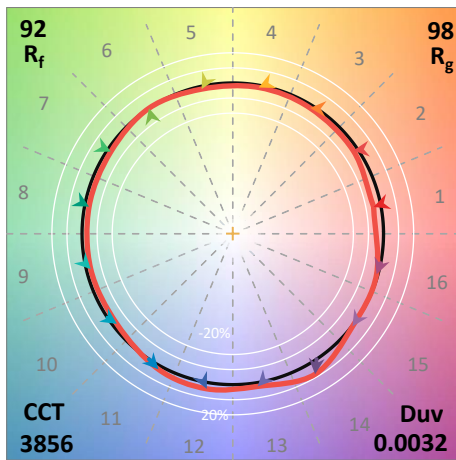
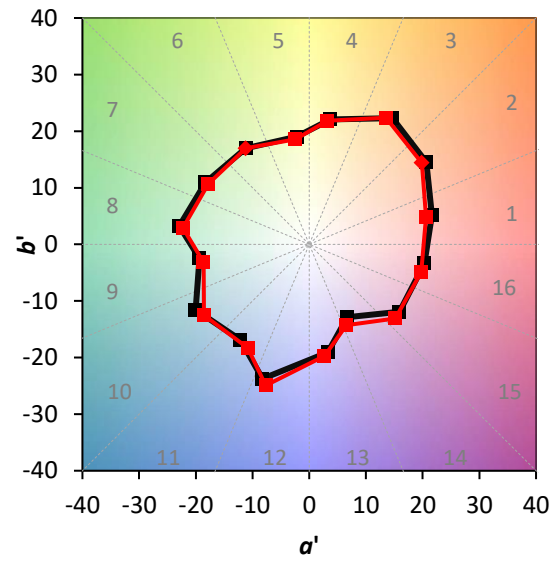
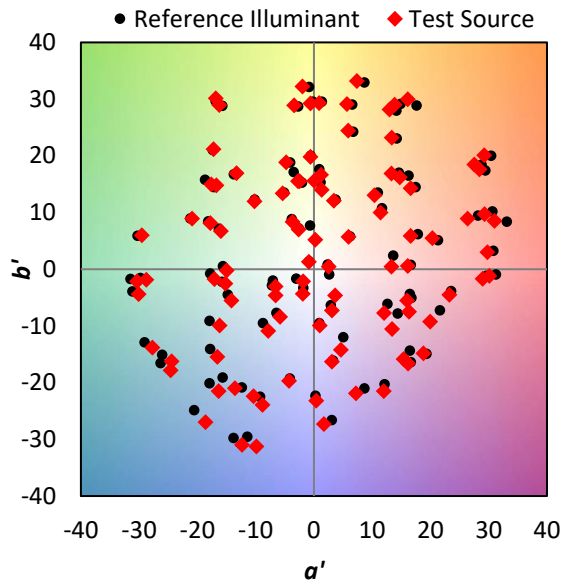
TM-30-18

Summary

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

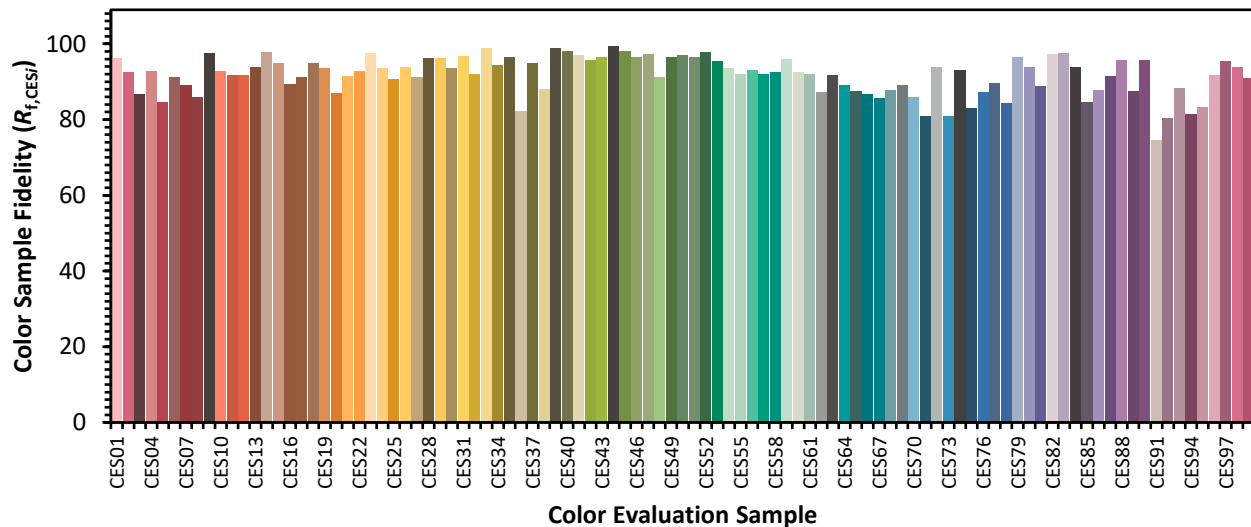


Color Vector Graphics

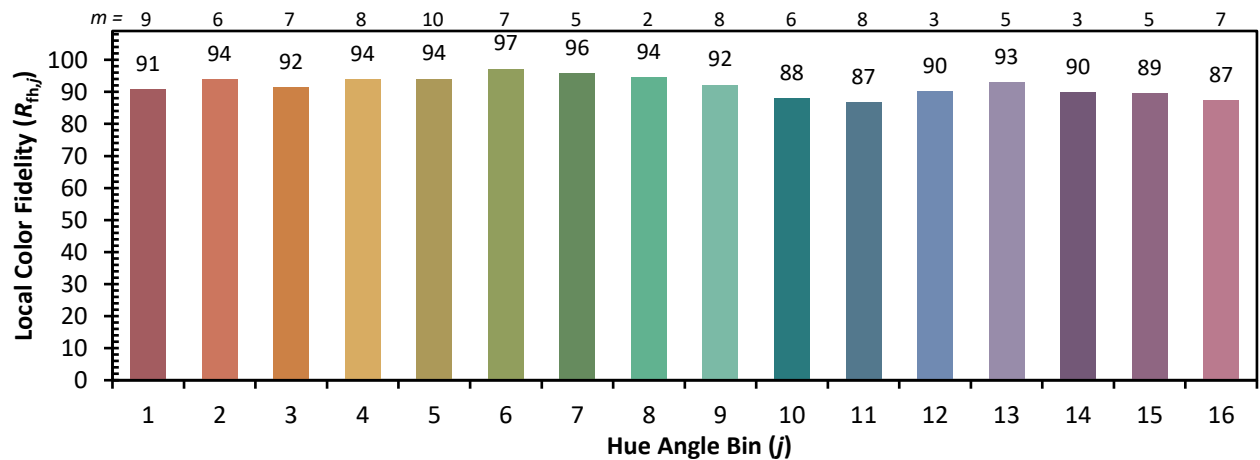
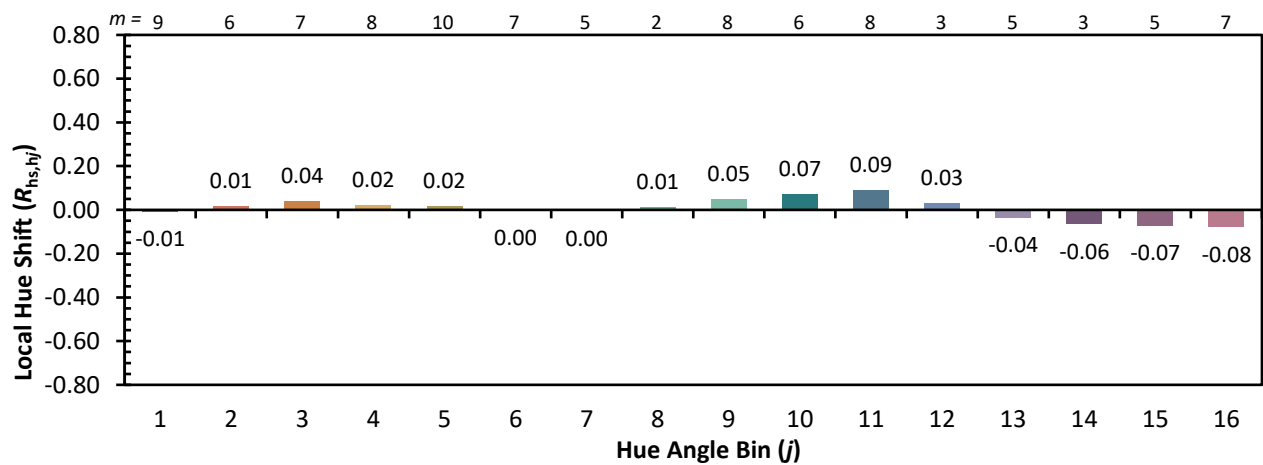
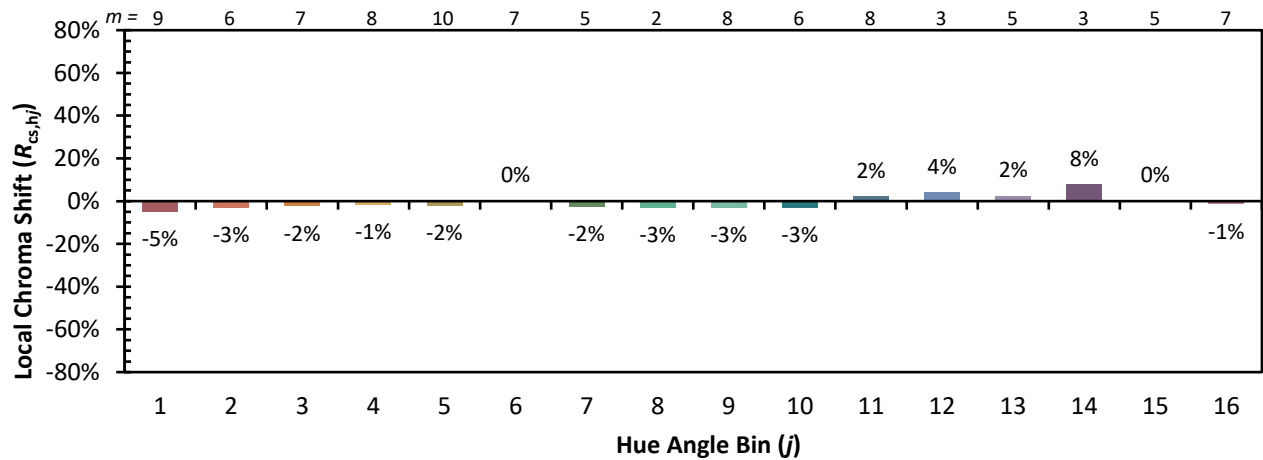


Individual Sample Fidelity Index ($R_{f,i}$)

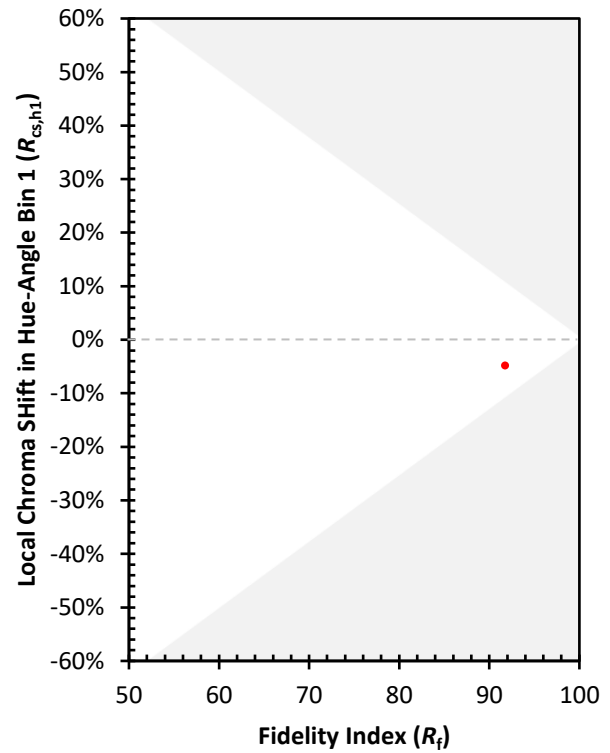
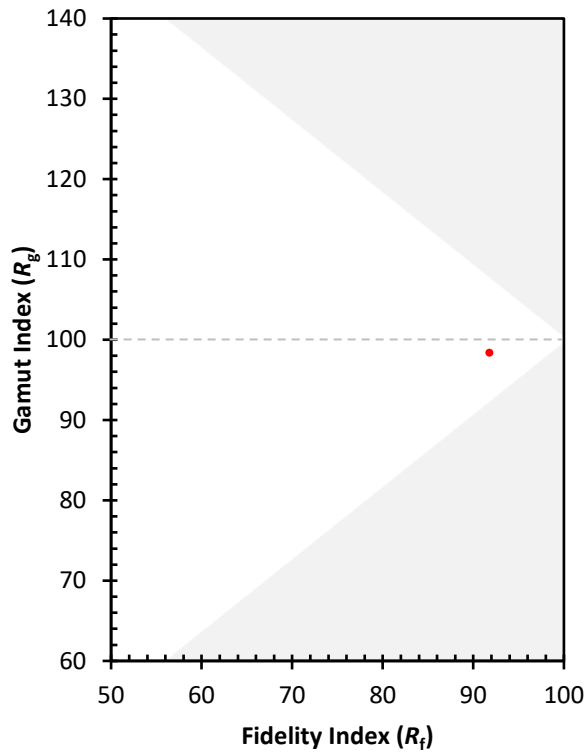
CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82 = 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)