

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: McGRAW-EDISON

Report Number: P1049429

Luminaire Tested: **GALN-SA2A-950-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049429
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2A-950-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
90CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (28) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5277.6 lumens
Efficiency: N/A
Efficacy: 94.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

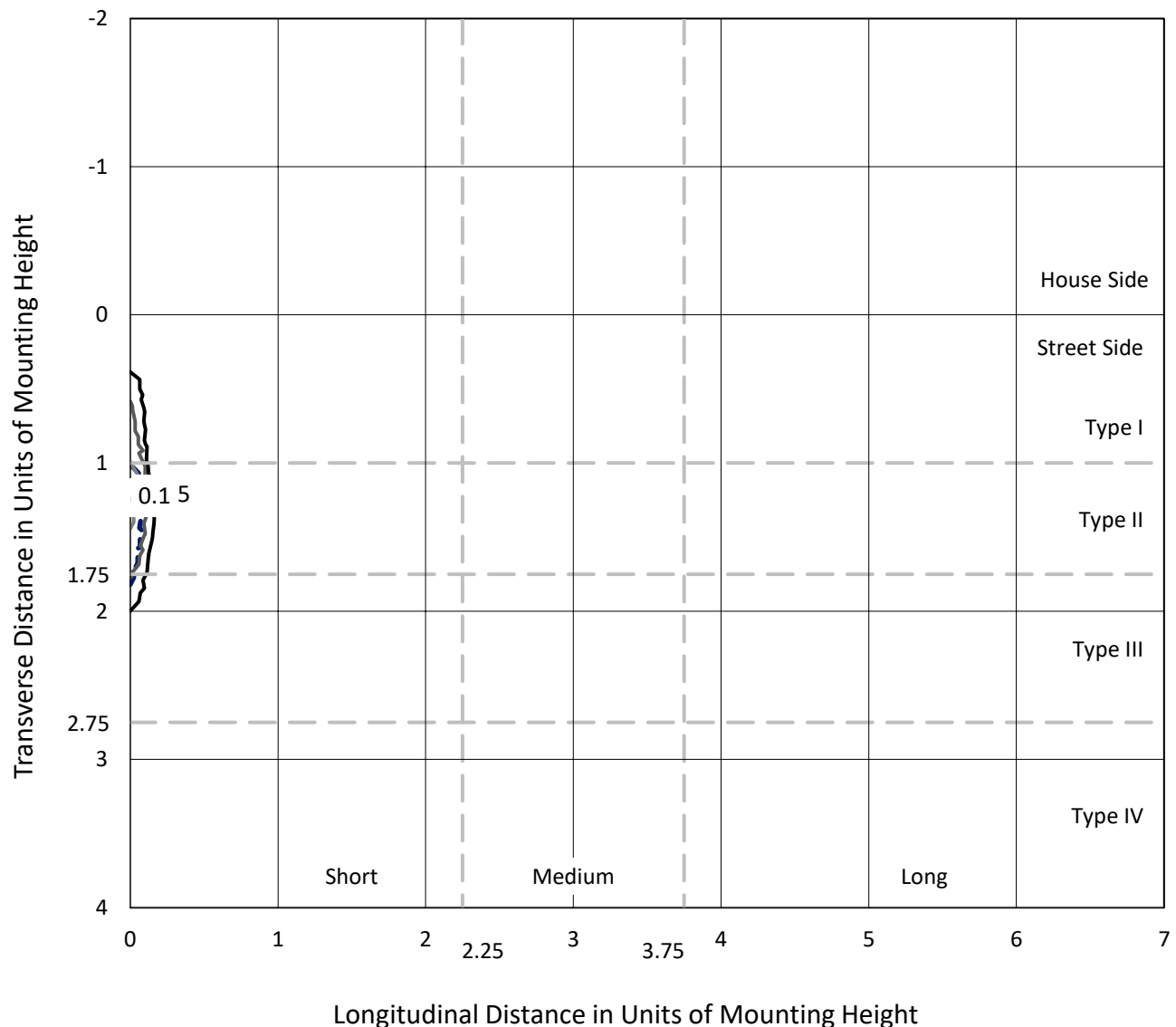
Input Watts (W): 55.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

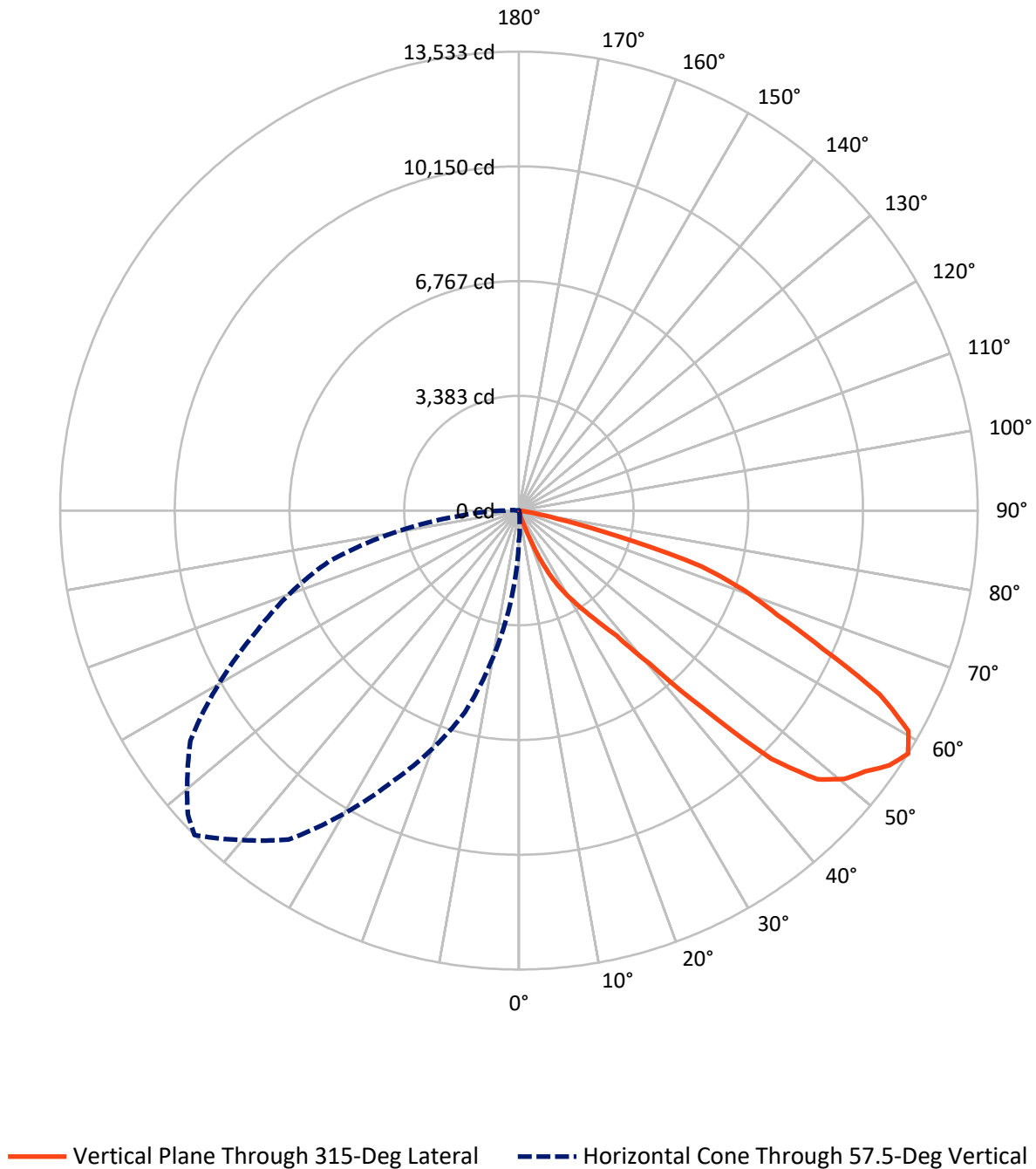
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 0.8 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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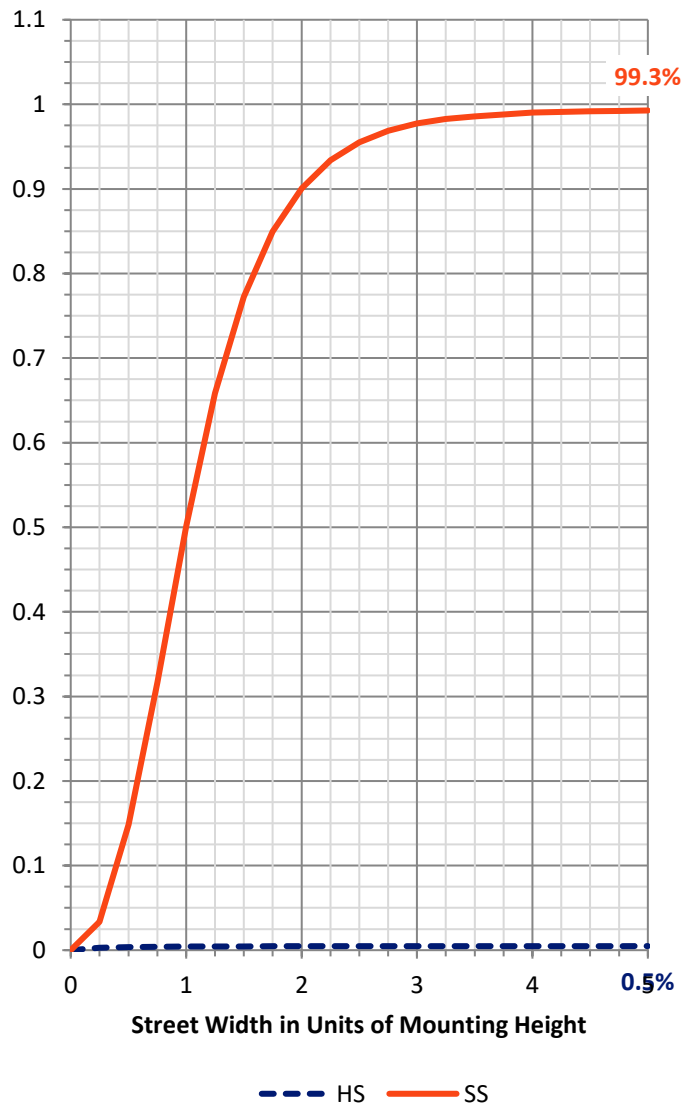
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	26.4	0.0	26.4
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	5251.1	0.0	5251.1
	% Fixture	99.5	0.0	99.5
Total	Lumens	5277.6	0.0	5277.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.1	0.0
10°-20°	11.6	0.2
20°-30°	125.1	2.4
30°-40°	369.9	7.0
40°-50°	1102.3	20.9
50°-60°	1747.8	33.1
60°-70°	1459.0	27.6
70°-80°	449.9	8.5
80°-90°	10.0	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°	5277.6	100.0
0°-180°	5277.6	100.0



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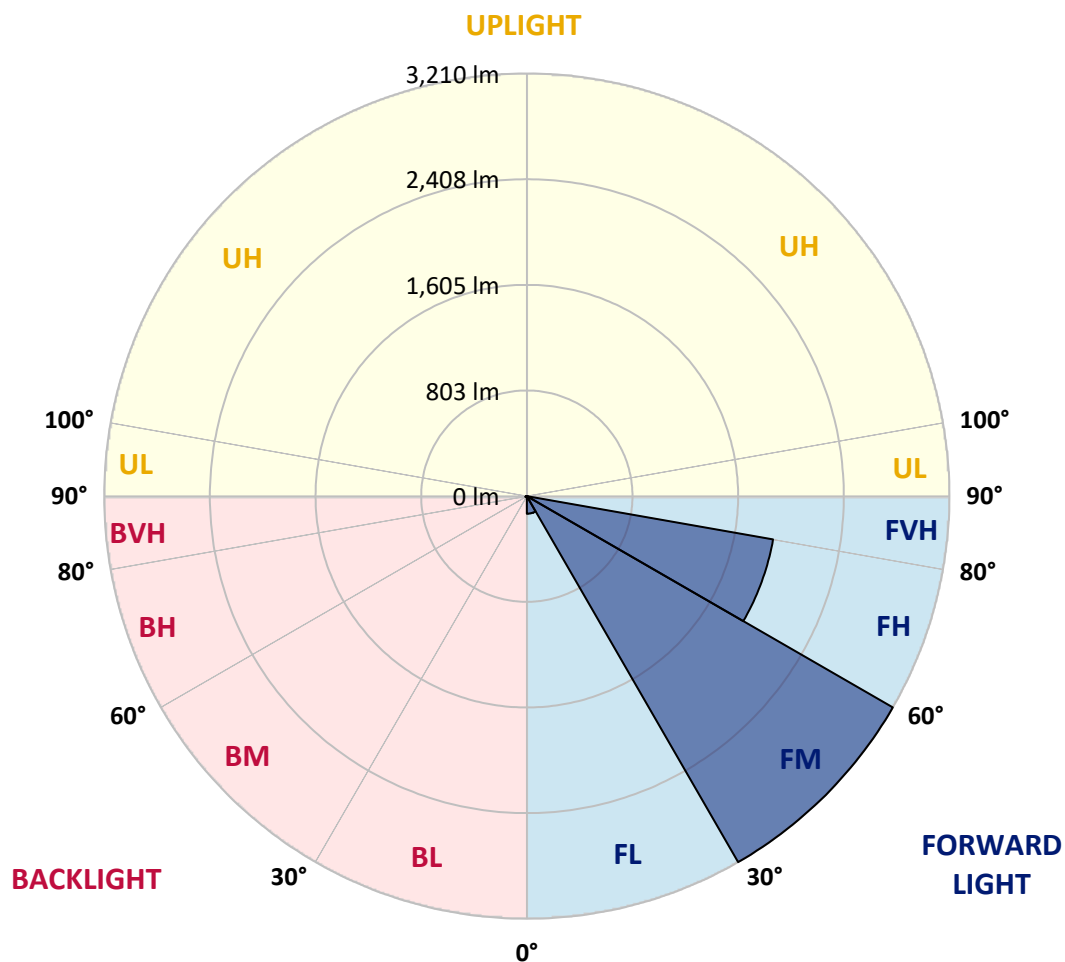
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	133.9	2.5			
FM	(30°-60°)	3210.5	60.8			
FH	(60°-80°)	1899.0	36.0			G2/5000
FVH	(80°-90°)	7.7	0.1			G0/10
BL	(0°-30°)	4.9	0.1	B0/110		
BM	(30°-60°)	9.4	0.2	B0/220		
BH	(60°-80°)	9.9	0.2	B0/110		G0/110
BVH	(80°-90°)	2.3	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-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°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
2.5°	21.1	21.1	21.1	21.1	20.7	20.7	20.3	20.3	19.9	19.9
5°	22.3	22.3	21.9	21.5	21.5	21.1	20.7	20.3	20.3	19.9
7.5°	24.3	23.9	23.5	23.1	22.3	21.9	21.1	20.7	20.3	19.5
10°	26.7	25.9	25.1	24.3	23.5	22.7	21.9	21.5	20.7	20.3
12.5°	29.9	28.7	27.1	25.9	25.1	23.9	23.1	22.3	21.1	20.3
15°	32.7	31.1	29.1	27.5	26.3	24.7	23.5	22.3	21.5	20.3
17.5°	36.7	33.9	30.7	28.7	27.1	25.1	23.1	21.9	20.7	19.1
20°	43.5	37.9	31.9	29.5	27.1	24.7	22.3	20.7	19.5	17.9
22.5°	54.2	44.7	35.1	31.5	28.3	24.7	21.5	19.9	18.3	16.8
25°	75.0	57.8	40.7	35.9	31.1	26.3	21.5	19.5	17.9	16.0
27.5°	99.7	74.2	48.3	41.5	35.1	28.3	21.5	19.1	17.1	14.8
30°	124.8	90.9	56.6	47.9	39.1	30.3	21.5	18.7	16.4	13.6
32.5°	148.8	106.5	63.8	53.4	43.1	32.3	21.9	18.7	15.6	12.4
35°	173.1	119.2	65.0	54.2	43.5	32.3	21.5	17.9	14.8	11.2
37.5°	204.2	133.6	62.6	51.8	41.5	30.7	20.3	17.1	14.0	10.4
40°	251.3	157.5	63.8	52.6	41.5	30.3	19.1	16.0	13.2	10.0
42.5°	338.2	203.8	69.0	56.2	43.5	30.3	17.5	14.8	12.4	9.6
45°	584.7	338.6	92.5	73.4	54.2	35.1	16.0	13.6	11.6	9.2
47.5°	967.1	566.7	166.3	128.4	90.9	53.0	15.6	13.6	11.6	9.2
50°	1234.4	721.9	209.4	161.1	112.9	64.6	16.4	14.0	12.0	9.6
52.5°	1232.4	733.0	233.3	179.1	125.2	71.0	17.1	14.8	12.8	10.4
55°	1095.6	666.8	237.7	182.7	128.0	73.0	18.3	16.0	13.6	11.2
57.5°	915.7	566.3	217.0	167.9	119.2	70.2	21.1	18.3	16.0	13.2
60°	724.3	446.7	169.1	133.6	98.5	63.0	27.9	24.3	21.1	17.5
62.5°	500.1	323.8	147.6	118.4	89.7	60.6	31.9	28.3	25.1	21.5
65°	353.8	243.7	133.2	108.5	84.2	59.4	34.7	30.7	27.1	23.1
67.5°	264.4	193.8	122.8	101.7	80.6	59.4	38.3	33.5	29.1	24.3
70°	202.6	159.1	115.3	98.1	81.4	64.2	47.1	40.3	33.9	27.1
72.5°	165.1	136.0	106.5	94.1	81.8	69.4	57.0	48.3	39.5	30.3
75°	136.8	116.5	96.1	85.7	75.8	65.4	55.0	47.1	39.5	31.5
77.5°	90.9	83.0	74.6	68.6	62.6	56.2	50.3	43.5	37.1	30.3
80°	31.9	30.7	29.5	31.9	34.3	36.7	39.1	34.3	29.9	25.1
82.5°	4.8	4.4	4.0	4.4	4.8	5.2	5.6	6.0	6.4	6.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA2A-950-U-RBC

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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°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
0.0	2.5°	19.5	19.5	19.1	19.1	19.1	18.7	18.7	18.3	18.3	18.3
0.0	5°	19.1	19.1	18.7	18.3	17.9	17.9	17.5	17.1	17.1	16.8
0.0	7.5°	18.7	18.3	17.9	17.5	17.1	16.8	16.4	16.0	16.0	15.6
0.0	10°	19.1	18.3	17.9	17.1	16.8	16.4	15.6	15.2	14.8	14.8
0.0	12.5°	18.3	17.9	17.1	16.4	16.0	15.2	14.8	14.0	13.6	13.6
0.0	15°	18.3	17.5	16.4	15.6	14.8	14.4	13.6	12.8	12.4	12.0
0.0	17.5°	17.1	16.4	15.2	14.4	13.6	12.8	12.0	11.2	10.8	10.4
0.0	20°	15.6	14.8	13.6	12.4	11.6	10.8	10.0	9.2	8.8	8.4
0.0	22.5°	14.0	13.2	12.0	10.8	10.0	9.2	8.0	7.2	6.8	6.0
0.0	25°	13.2	12.0	10.8	9.6	8.4	7.6	6.4	5.2	4.4	3.6
0.0	27.5°	11.2	10.0	8.8	7.6	6.4	5.2	4.0	2.8	2.0	1.6
0.0	30°	9.6	8.4	7.2	6.0	4.4	3.2	2.0	0.4	0.4	0.4
0.0	32.5°	8.0	6.8	5.2	4.0	3.2	2.0	1.2	0.0	0.0	0.0
0.0	35°	6.4	5.2	3.6	2.4	2.0	1.2	0.8	0.0	0.0	0.0
0.0	37.5°	5.6	4.4	2.8	1.2	0.8	0.8	0.4	0.0	0.0	0.0
0.0	40°	5.2	3.6	2.0	0.4	0.4	0.4	0.0	0.0	0.0	0.0
0.0	42.5°	5.2	3.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	5.2	3.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	5.2	3.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	5.6	4.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	6.4	4.8	3.2	1.6	1.2	0.8	0.4	0.0	0.0	0.0
0.0	55°	8.0	7.2	6.0	5.2	4.0	2.8	1.2	0.0	0.0	0.0
0.0	57.5°	10.4	10.4	10.0	9.6	7.2	4.8	2.4	0.0	0.0	0.0
0.0	60°	14.0	14.0	14.0	14.0	10.4	7.2	3.6	0.0	0.0	0.0
0.0	62.5°	17.1	16.4	15.2	14.4	10.8	7.2	3.6	0.0	0.0	0.0
0.0	65°	17.1	15.6	13.6	11.6	8.8	6.0	2.8	0.0	0.0	0.0
0.0	67.5°	16.0	12.8	9.2	6.0	4.4	3.2	1.6	0.0	0.0	0.0
	70°	16.0	11.2	6.4	1.6	1.2	0.8	0.4	0.0	0.0	0.0
	72.5°	16.0	10.8	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	17.5	12.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	17.5	12.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	15.6	10.4	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	5.2	3.6	1.6	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°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
0.0	2.5°	17.9	17.9	17.9	17.5	17.5	17.5	17.5	17.1	17.1	17.1
0.0	5°	16.4	16.4	16.0	16.0	15.6	15.6	15.2	15.2	14.8	14.8
0.0	7.5°	15.2	14.8	14.8	14.4	14.0	14.0	13.6	13.6	13.2	12.8
0.0	10°	14.0	13.6	13.6	13.2	12.8	12.4	12.4	12.0	11.6	11.2
0.0	12.5°	12.8	12.4	12.0	11.6	11.2	10.8	10.8	10.4	10.0	9.6
0.0	15°	11.2	10.8	10.4	10.0	9.6	9.2	9.2	8.8	8.4	8.0
0.0	17.5°	9.6	9.2	9.2	8.8	8.4	8.0	7.6	6.8	6.4	6.0
0.0	20°	7.2	6.8	6.4	6.0	5.6	4.8	4.4	3.6	2.8	2.4
0.0	22.5°	4.8	4.0	3.6	2.8	2.0	1.6	1.2	0.4	0.0	0.0
0.0	25°	1.6	1.2	0.8	0.4	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: P1049429

CATALOG NUMBER: GALN-SA2A-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049429

CATALOG NUMBER: GALN-SA2A-950-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
0.0	2.5°	16.8	16.8	16.8	16.4	16.4	16.4	16.4	16.4	16.4	16.4
0.0	5°	14.4	14.4	14.4	14.0	14.0	13.6	13.6	13.6	13.2	13.2
0.0	7.5°	12.4	12.0	12.0	11.6	11.6	11.2	11.2	11.2	10.8	10.8
0.0	10°	10.4	10.0	10.0	9.6	9.6	9.2	9.2	8.8	8.8	8.4
0.0	12.5°	9.2	8.8	8.4	8.0	8.0	7.6	7.2	7.2	6.8	6.4
0.0	15°	7.2	6.8	6.4	6.0	5.6	5.2	4.8	4.8	4.4	4.0
0.0	17.5°	4.8	4.0	3.6	3.2	3.2	2.8	2.4	2.0	1.6	1.2
0.0	20°	1.2	0.8	0.4	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: P1049429

CATALOG NUMBER: GALN-SA2A-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049429

CATALOG NUMBER: GALN-SA2A-950-U-RBC

CANDELA DISTRIBUTION (continued):

107.5°		110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°
0.0	0°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
0.0	2.5°	16.4	16.0	16.0	16.0	16.4	16.4	16.4	16.4	16.4	16.4
0.0	5°	13.2	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
0.0	7.5°	10.8	10.4	10.4	10.4	10.4	10.0	10.0	10.0	10.0	10.0
0.0	10°	8.4	8.0	8.0	8.0	8.0	7.6	7.6	7.6	7.6	7.6
0.0	12.5°	6.0	6.0	5.6	5.6	5.6	5.2	5.2	5.2	5.2	4.8
0.0	15°	3.6	3.2	2.8	2.8	2.8	2.4	2.4	2.4	2.4	2.0
0.0	17.5°	0.8	0.8	0.4	0.4	0.4	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
	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: P1049429

CATALOG NUMBER: GALN-SA2A-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049429

CATALOG NUMBER: GALN-SA2A-950-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
0.0	2.5°	16.8	16.8	17.1	17.1	17.5	18.3	18.7	19.1	19.9	20.7
0.0	5°	13.2	13.6	13.6	14.0	14.4	14.8	15.2	15.6	16.4	17.1
0.0	7.5°	10.4	10.4	10.8	10.8	11.2	12.0	12.4	12.8	13.6	14.8
0.0	10°	8.0	8.0	8.4	8.4	8.8	9.6	10.0	10.4	11.2	12.4
0.0	12.5°	5.2	5.6	5.6	6.0	6.4	7.2	7.6	8.0	8.8	9.6
0.0	15°	2.4	2.8	2.8	3.2	3.6	4.4	4.8	5.2	6.0	7.2
0.0	17.5°	0.4	0.4	0.8	0.8	1.2	1.6	2.0	2.4	3.6	4.4
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.6
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
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

CATALOG NUMBER: GALN-SA2A-950-U-RBC

[illegible]



REPORT NUMBER: P1049429

CATALOG NUMBER: GALN-SA2A-950-U-RBC

CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
0.0	2.5°	21.9	22.7	23.5	24.3	25.1	25.9	26.3	27.1	27.5	27.9
0.0	5°	18.7	19.5	20.7	21.5	22.3	23.1	23.9	24.3	24.7	25.1
0.0	7.5°	16.4	17.1	18.3	19.1	19.9	20.7	21.5	22.3	22.7	23.1
0.0	10°	14.0	15.2	16.0	17.1	17.9	18.7	19.5	20.3	21.1	21.5
0.0	12.5°	11.2	12.4	13.6	14.4	15.6	16.8	17.5	18.3	19.1	19.9
0.0	15°	8.8	10.0	11.2	12.0	13.2	14.4	15.6	16.4	17.1	17.9
0.0	17.5°	6.4	7.6	8.8	9.6	10.8	12.0	12.8	14.0	14.8	15.6
0.0	20°	3.2	4.4	5.6	6.8	8.0	9.2	10.0	11.2	12.0	12.8
0.0	22.5°	0.4	1.6	2.8	3.6	4.8	6.0	6.8	8.0	8.8	9.6
0.0	25°	0.0	0.4	1.2	1.6	2.0	2.8	3.6	4.4	5.2	6.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.6	2.4	3.2
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
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	0.4
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.8
	85°	0.0	0.0	0.0	0.0	0.0	0.8	1.2	2.0	2.4	2.8
	87.5°	0.0	0.4	0.8	1.2	1.6	2.4	3.2	4.0	4.4	4.8
	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: P1049429

CATALOG NUMBER: GALN-SA2A-950-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
23.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	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											
0.4											
1.6											
3.6											
5.2											
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REPORT NUMBER: P1049429

CATALOG NUMBER: GALN-SA2A-950-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
0.0	2.5°	28.3	28.3	28.3	28.3	27.9	27.9	27.9	27.5	27.5	27.1
0.0	5°	25.9	26.3	26.3	26.3	26.3	26.3	26.3	26.3	25.9	25.9
0.0	7.5°	23.9	24.3	24.7	24.7	25.1	25.1	25.1	24.7	24.7	24.3
0.0	10°	22.7	23.1	23.1	23.5	23.5	23.5	23.5	23.5	23.5	23.5
0.0	12.5°	21.1	21.5	21.9	21.9	22.3	22.3	22.3	22.3	21.9	21.9
0.0	15°	19.1	19.9	20.3	20.7	20.7	21.1	21.1	21.1	21.1	21.1
0.0	17.5°	17.5	18.3	18.7	19.1	19.1	19.5	19.5	19.9	19.9	19.9
0.0	20°	14.4	15.2	15.6	16.4	16.8	17.1	17.5	17.9	17.9	18.3
0.0	22.5°	11.2	12.0	12.4	13.2	13.6	14.0	14.4	14.8	15.2	15.6
0.0	25°	8.0	8.8	9.2	10.0	10.4	10.8	11.2	11.6	11.6	12.0
0.0	27.5°	4.4	5.2	6.0	6.4	7.2	7.6	8.0	8.4	8.8	9.2
0.0	30°	2.0	2.4	2.8	3.6	4.0	4.4	4.8	5.6	6.0	6.4
0.0	32.5°	0.0	0.0	0.4	1.2	1.6	2.0	2.4	2.8	2.8	3.2
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.2	1.6
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°	0.8	0.8	0.8	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	82.5°	2.0	2.4	2.8	2.8	3.2	3.2	3.2	3.2	2.8	2.8
	85°	4.0	4.4	4.8	4.8	5.2	5.2	5.2	5.2	5.2	5.2
	87.5°	5.6	6.0	6.4	6.4	6.8	6.8	6.8	6.8	6.8	6.8
	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: P1049429

CATALOG NUMBER: GALN-SA2A-950-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
23.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	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											
1.2											
2.8											
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REPORT NUMBER: P1049429

CATALOG NUMBER: GALN-SA2A-950-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
0.0	0°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
0.0	2.5°	26.7	26.7	26.3	26.3	26.3	26.3	26.3	26.7	27.1	27.1
0.0	5°	25.5	25.5	25.1	25.1	25.1	25.5	25.5	25.9	26.3	26.7
0.0	7.5°	24.3	23.9	23.9	24.3	24.3	24.7	24.7	25.1	25.5	25.9
0.0	10°	23.5	23.1	23.1	23.1	23.5	23.5	23.9	24.3	24.7	25.1
0.0	12.5°	21.9	21.9	21.9	21.9	22.3	22.3	22.7	23.1	23.9	24.3
0.0	15°	21.1	20.7	20.7	20.7	20.7	21.1	21.1	21.9	22.7	23.1
0.0	17.5°	19.5	19.5	19.1	19.1	19.5	19.5	19.9	20.7	21.5	21.9
0.0	20°	17.9	17.5	17.1	17.1	17.5	17.5	17.9	18.7	19.5	19.9
0.0	22.5°	15.6	15.2	15.2	15.2	15.2	15.6	15.6	16.4	17.5	18.3
0.0	25°	12.4	12.8	12.8	13.2	13.2	13.6	14.0	14.8	16.0	16.8
0.0	27.5°	9.6	10.0	10.0	10.8	11.2	11.6	12.0	13.2	14.4	15.2
0.0	30°	7.2	7.6	8.0	8.4	9.2	10.0	10.8	12.0	13.2	14.0
0.0	32.5°	4.4	5.2	5.6	6.4	7.2	8.0	8.8	10.0	11.6	12.8
0.0	35°	3.2	3.6	4.4	4.8	5.6	6.4	7.2	8.8	10.0	11.6
0.0	37.5°	1.6	2.4	3.2	4.0	4.8	5.6	6.4	8.0	9.6	10.8
0.0	40°	1.2	2.0	2.4	3.2	4.4	5.2	6.0	7.6	9.2	10.8
0.0	42.5°	0.8	1.2	1.6	2.8	3.6	4.8	6.0	7.6	9.2	10.8
0.0	45°	0.8	0.8	1.2	2.4	3.6	5.2	6.4	8.0	9.2	10.8
0.0	47.5°	0.8	1.2	1.6	3.2	4.0	5.2	6.4	7.6	9.2	10.4
0.0	50°	1.2	1.6	2.0	3.6	4.4	5.6	6.4	8.0	9.2	10.8
0.0	52.5°	0.8	1.2	1.6	3.2	4.4	6.0	7.2	8.8	10.4	11.6
0.0	55°	0.4	0.4	0.4	2.4	4.8	6.8	9.2	10.4	12.0	13.2
0.0	57.5°	0.0	0.0	0.0	1.6	4.8	7.6	10.4	12.0	13.6	14.8
0.0	60°	0.0	0.0	0.0	1.6	4.8	7.6	10.4	12.4	14.4	16.4
0.0	62.5°	0.0	0.0	0.0	1.6	4.0	6.4	8.8	12.0	15.6	18.7
0.0	65°	0.0	0.0	0.0	1.2	3.2	5.2	7.2	12.0	16.8	21.1
0.0	67.5°	0.0	0.0	0.0	1.2	3.2	4.8	6.8	12.0	16.8	21.9
	70°	0.0	0.0	0.0	1.2	3.2	5.2	7.2	12.0	16.8	21.5
	72.5°	0.0	0.0	0.0	1.2	3.6	5.6	8.0	12.0	16.0	19.9
	75°	0.0	0.0	0.0	1.6	3.6	6.0	8.4	12.0	15.6	18.7
	77.5°	0.0	0.0	0.0	1.2	3.6	5.6	8.0	11.6	15.2	18.3
	80°	1.2	0.8	0.8	2.0	3.6	5.2	6.8	10.4	14.4	17.9
	82.5°	2.4	2.4	2.0	2.8	3.6	4.8	6.0	9.2	12.8	16.0
	85°	4.8	4.8	4.4	4.8	4.8	5.2	5.6	7.2	8.8	10.4
	87.5°	6.4	6.4	6.0	6.0	6.0	5.6	5.6	5.6	5.6	5.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049429

CATALOG NUMBER: GALN-SA2A-950-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
23.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.3											
23.9											
22.3											
21.9											
21.5											
19.1											
12.0											
5.2											
0.0											
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REPORT NUMBER: P1049429

CATALOG NUMBER: GALN-SA2A-950-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
0.0	2.5°	27.9	28.3	28.3	28.7	29.1	29.5	29.5	29.9	29.9	29.9
0.0	5°	27.5	28.3	28.7	29.1	29.5	29.9	30.3	30.7	31.1	31.1
0.0	7.5°	27.1	27.5	28.3	28.7	29.5	29.9	30.7	31.1	31.5	31.9
0.0	10°	26.3	27.1	27.9	28.7	29.5	30.3	31.1	31.9	32.7	33.1
0.0	12.5°	25.5	26.7	27.5	28.3	29.5	30.7	31.5	32.7	33.5	34.3
0.0	15°	25.1	25.9	27.1	27.9	29.5	31.1	32.3	33.9	35.5	36.7
0.0	17.5°	23.9	25.5	26.7	27.9	29.5	31.5	33.1	34.7	37.1	39.5
0.0	20°	22.3	23.5	25.1	26.3	28.7	30.7	33.1	35.1	38.7	42.3
0.0	22.5°	20.7	22.3	23.5	25.1	27.9	30.3	33.1	35.5	41.5	47.1
0.0	25°	19.1	21.1	22.7	24.3	27.5	30.7	33.9	37.1	47.1	57.0
0.0	27.5°	18.3	19.9	21.9	23.5	27.5	31.9	35.9	39.9	55.8	71.4
0.0	30°	17.1	19.1	20.7	22.7	27.9	33.1	38.3	43.5	67.8	92.1
0.0	32.5°	16.0	17.9	19.9	21.9	28.7	35.5	41.9	48.7	80.6	112.1
0.0	35°	14.8	17.1	19.1	21.1	29.9	39.1	47.9	56.6	92.1	127.2
0.0	37.5°	14.4	16.8	18.7	20.7	30.3	39.5	49.1	58.2	93.3	128.4
0.0	40°	14.8	16.8	19.1	21.1	29.1	37.1	44.7	52.6	89.3	125.6
0.0	42.5°	14.8	17.1	19.5	21.9	28.3	34.7	41.1	47.5	88.1	128.8
0.0	45°	14.4	16.8	19.1	21.5	27.5	33.1	39.1	44.7	95.3	145.6
0.0	47.5°	14.0	16.4	18.7	21.1	27.1	33.1	39.1	45.1	123.2	201.0
0.0	50°	14.0	16.4	18.3	20.3	27.5	35.1	42.3	49.5	179.5	309.1
0.0	52.5°	14.8	16.8	18.3	19.9	28.3	37.1	45.5	53.8	228.1	402.0
0.0	55°	16.0	17.1	18.7	19.9	30.3	40.3	50.7	60.6	242.9	425.1
0.0	57.5°	17.5	18.7	19.9	21.1	33.9	46.7	59.0	71.8	244.1	416.0
0.0	60°	19.5	21.1	22.3	23.5	37.1	51.0	64.6	78.2	220.9	363.3
0.0	62.5°	23.9	25.9	27.5	29.5	42.7	55.4	68.6	81.4	183.5	285.6
0.0	65°	27.5	29.1	30.7	32.3	45.1	58.2	71.0	83.8	155.5	227.3
0.0	67.5°	28.3	29.9	31.1	32.7	45.9	59.0	71.8	84.9	133.2	181.1
	70°	28.7	30.7	33.1	35.1	48.7	62.2	75.4	88.9	118.1	147.2
	72.5°	27.5	31.5	35.1	38.7	51.4	63.8	76.6	88.9	109.7	130.4
	75°	27.5	33.1	38.3	43.5	53.0	62.2	71.8	81.0	96.9	112.9
	77.5°	29.1	36.3	43.5	50.7	56.2	61.4	67.0	72.2	82.6	92.9
	80°	29.1	36.7	43.9	51.4	53.8	56.6	59.0	61.4	62.6	63.8
	82.5°	25.1	31.1	37.1	43.1	40.3	37.5	34.7	31.9	29.9	27.5
	85°	12.8	14.0	14.8	15.6	14.4	13.2	12.0	10.8	10.0	8.8
	87.5°	5.2	5.2	4.8	4.8	4.8	4.8	4.4	4.4	4.4	4.4
	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: P1049429

CATALOG NUMBER: GALN-SA2A-950-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
23.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
199.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
226.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
247.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
267.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
307.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
387.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
590.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
904.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1138.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1164.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1050.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
898.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
701.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
530.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
391.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
277.2											
206.2											
150.0											
112.9											
63.4											
28.7											
8.4											
4.0											
0.0											
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REPORT NUMBER: P1049429

CATALOG NUMBER: GALN-SA2A-950-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
0.0	0°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
0.0	2.5°	29.9	29.5	29.5	29.1	28.7	28.3	27.9	27.5	27.1	26.7
0.0	5°	31.1	31.1	31.1	30.7	30.7	30.3	30.3	29.9	29.5	29.1
0.0	7.5°	32.3	32.7	32.7	33.1	33.1	33.1	33.1	32.7	32.7	32.7
0.0	10°	34.3	34.7	35.1	35.5	35.9	36.3	36.3	36.7	36.7	36.7
0.0	12.5°	36.7	37.9	38.7	39.9	40.7	41.9	42.7	43.9	44.7	45.5
0.0	15°	40.3	42.3	44.7	46.7	48.7	51.4	54.6	57.4	60.2	64.6
0.0	17.5°	45.5	51.8	58.2	64.2	70.6	84.6	98.5	112.1	126.0	146.4
0.0	20°	55.4	74.6	93.3	112.5	131.2	180.3	228.9	278.0	326.6	378.9
0.0	22.5°	77.8	124.8	171.9	219.0	266.0	368.5	470.6	573.1	675.2	795.2
0.0	25°	112.9	199.4	286.0	372.1	458.6	619.0	779.7	940.0	1100.3	1256.3
0.0	27.5°	164.3	296.7	429.1	561.1	693.5	910.9	1128.7	1346.0	1563.4	1739.7
0.0	30°	227.7	407.2	586.7	766.1	945.6	1192.9	1440.1	1687.0	1934.3	2126.9
0.0	32.5°	287.5	507.3	727.1	946.4	1166.2	1447.7	1729.7	2011.3	2292.8	2503.4
0.0	35°	326.6	592.2	858.3	1123.9	1389.5	1694.2	1998.9	2303.2	2607.9	2848.4
0.0	37.5°	365.7	672.4	978.7	1285.4	1591.7	1926.3	2260.9	2595.5	2930.1	3227.3
0.0	40°	409.6	769.3	1128.7	1488.4	1847.7	2244.2	2640.2	3036.6	3432.7	3851.8
0.0	42.5°	485.8	930.1	1374.7	1819.0	2263.3	2787.8	3312.2	3836.3	4360.7	4958.9
0.0	45°	628.9	1255.1	1881.6	2507.8	3133.9	3828.7	4523.8	5218.6	5913.3	6709.4
0.0	47.5°	979.5	1841.0	2702.0	3563.5	4424.5	5174.7	5924.5	6674.7	7424.4	8217.3
0.0	50°	1498.8	2501.4	3504.0	4506.3	5508.9	6187.7	6866.1	7544.9	8223.3	8977.5
0.0	52.5°	1874.5	2919.0	3963.9	5008.4	6052.9	6665.5	7278.5	7891.1	8503.7	9208.4
0.0	55°	1902.8	2941.3	3980.2	5018.8	6057.3	6672.7	7288.1	7903.4	8518.8	9265.8
0.0	57.5°	1684.6	2714.8	3744.5	4774.7	5804.4	6505.2	7205.5	7906.2	8606.6	9414.2
0.0	60°	1433.0	2463.5	3493.7	4524.2	5554.4	6361.6	7169.2	7976.4	8783.6	9540.2
0.0	62.5°	1117.9	2178.0	3238.4	4298.5	5358.6	6178.1	6997.7	7816.9	8636.5	9204.0
0.0	65°	833.1	1862.5	2891.9	3920.8	4950.2	5606.6	6263.1	6919.1	7575.6	7927.0
0.0	67.5°	602.2	1490.0	2377.4	3265.1	4152.5	4622.3	5092.1	5561.6	6031.4	6300.2
	70°	407.2	1022.2	1636.8	2251.7	2866.3	3252.4	3638.8	4024.9	4411.0	4773.9
	72.5°	282.0	627.3	973.1	1318.5	1663.9	2052.3	2440.4	2828.8	3216.9	3601.0
	75°	187.0	344.2	501.7	658.9	816.0	1103.5	1391.5	1679.0	1966.6	2195.5
	77.5°	132.8	179.9	227.3	274.4	321.4	375.3	429.5	483.4	537.2	619.0
	80°	63.0	69.0	75.0	80.6	86.5	106.1	125.6	145.2	164.7	185.5
	82.5°	29.9	32.3	34.7	36.7	39.1	41.1	43.1	45.1	47.1	45.1
	85°	8.0	8.0	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.0
	87.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.2	3.2	2.8
	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

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CATALOG NUMBER: GALN-SA2A-950-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
23.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
431.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
915.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1412.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1915.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2319.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2714.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3088.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3524.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4271.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5557.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7505.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9010.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9731.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9913.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10013.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10221.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10296.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9771.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8278.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6569.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5136.4											
3985.0											
2424.4											
700.7											
206.2											
42.7											
7.6											
2.8											
0.0											
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: GALN-SA2A-950-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
0.0	2.5°	25.9	25.5	25.1	24.7	24.3	23.5	23.5	23.1	23.1
0.0	5°	28.3	27.9	27.5	27.1	27.1	26.7	26.3	26.3	25.9
0.0	7.5°	32.3	31.9	31.5	31.1	31.1	30.7	30.7	30.3	30.3
0.0	10°	37.1	37.1	37.1	37.1	37.1	36.7	36.7	36.7	36.3
0.0	12.5°	46.7	47.1	47.9	48.7	49.9	49.9	49.9	49.5	49.5
0.0	15°	73.8	78.2	81.4	84.6	87.3	93.7	92.9	91.7	90.9
0.0	17.5°	186.6	206.6	217.4	227.7	238.5	268.0	263.2	258.4	254.0
0.0	20°	483.8	536.0	570.7	605.4	640.5	695.9	682.4	668.8	655.3
0.0	22.5°	1034.9	1155.0	1207.2	1259.5	1311.3	1378.3	1334.9	1291.4	1248.3
0.0	25°	1567.8	1723.7	1811.8	1900.0	1987.7	2026.0	1969.4	1912.3	1855.7
0.0	27.5°	2092.2	2268.5	2346.3	2423.6	2501.4	2581.6	2511.4	2440.8	2370.6
0.0	30°	2512.6	2705.2	2789.4	2873.1	2957.3	3013.1	2940.5	2867.5	2794.9
0.0	32.5°	2925.0	3135.5	3227.7	3319.8	3411.5	3491.7	3402.3	3312.6	3223.3
0.0	35°	3329.0	3569.4	3696.3	3823.1	3949.9	4024.5	3918.4	3811.9	3705.8
0.0	37.5°	3821.9	4119.0	4261.0	4403.0	4545.0	4681.0	4564.1	4446.9	4330.0
0.0	40°	4690.1	5109.3	5327.1	5545.2	5763.0	5938.4	5790.9	5643.3	5495.8
0.0	42.5°	6155.4	6753.6	7066.7	7379.4	7692.5	7966.4	7811.3	7656.2	7501.0
0.0	45°	8301.5	9097.5	9479.2	9860.4	10242.1	10442.3	10219.0	9995.2	9771.9
0.0	47.5°	9802.6	10595.5	10935.3	11275.1	11614.9	11843.4	11570.2	11297.0	11024.2
0.0	50°	10485.4	11239.6	11580.6	11921.2	12262.1	12443.6	12128.1	11812.3	11496.8
0.0	52.5°	10617.4	11322.1	11728.9	12136.1	12542.9	12785.4	12412.9	12040.0	11667.5
0.0	55°	10760.2	11507.2	11979.0	12451.2	12923.0	13258.8	12837.6	12416.1	11994.9
0.0	57.5°	11029.0	11836.6	12307.2	12777.4	13248.0	13533.2	13110.8	12688.1	12265.7
0.0	60°	11052.9	11809.1	12213.5	12618.3	13022.7	13202.2	12798.2	12393.8	11989.8
0.0	62.5°	10339.4	10907.0	11187.7	11468.5	11749.3	11944.3	11522.7	11100.8	10679.2
0.0	65°	8630.1	8981.4	9205.2	9428.9	9652.7	9885.2	9499.1	9113.1	8727.0
0.0	67.5°	6838.2	7107.0	7401.7	7696.4	7991.2	8239.6	7930.6	7621.1	7312.0
	70°	5499.3	5861.9	6193.3	6524.7	6856.1	7059.5	6749.2	6438.6	6128.3
	72.5°	4369.1	4753.1	5029.9	5306.3	5583.1	5632.9	5404.8	5176.7	4949.0
	75°	2653.0	2881.9	2887.5	2892.6	2898.2	2945.7	2756.6	2567.6	2379.0
	77.5°	782.5	864.2	931.6	998.6	1066.0	1147.4	1078.0	1008.2	938.8
	80°	226.5	247.3	264.8	282.0	299.5	289.1	272.8	256.4	240.1
	82.5°	40.7	38.3	37.9	37.5	37.5	35.5	32.3	29.1	25.9
	85°	7.2	6.8	6.4	6.0	5.6	5.2	4.4	4.0	3.2
	87.5°	2.4	2.0	1.6	1.2	1.2	0.4	0.4	0.4	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: GALN-SA2A-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049429

CATALOG NUMBER: GALN-SA2A-950-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
0.0	0.0	2.5°	22.7	22.3	22.3	22.3	22.3	21.9	21.9	21.9	21.9
0.0	0.0	5°	25.1	25.1	24.7	24.7	24.3	24.3	23.9	23.9	23.5
0.0	0.0	7.5°	29.5	29.1	28.7	28.3	27.9	27.1	26.7	26.3	26.3
0.0	0.0	10°	35.5	34.7	34.3	33.5	33.1	32.3	31.5	30.7	29.9
0.0	0.0	12.5°	46.7	45.1	43.9	42.3	40.7	39.5	37.9	36.7	35.1
0.0	0.0	15°	81.0	77.0	72.6	67.4	61.8	56.6	51.0	47.9	44.3
0.0	0.0	17.5°	207.0	186.2	165.1	148.0	130.8	114.1	96.9	84.6	72.2
0.0	0.0	20°	526.8	469.4	412.0	355.3	298.3	241.7	184.7	155.9	127.2
0.0	0.0	22.5°	991.5	885.0	778.1	674.8	571.1	467.8	364.5	299.5	234.9
0.0	0.0	25°	1530.3	1396.3	1262.3	1092.4	922.1	752.2	582.3	476.6	370.9
0.0	0.0	27.5°	1991.3	1837.0	1682.6	1476.0	1269.4	1062.9	856.3	698.7	541.6
0.0	0.0	30°	2390.5	2224.6	2058.7	1818.2	1577.7	1337.2	1096.8	899.7	702.7
0.0	0.0	32.5°	2736.7	2538.1	2339.5	2091.4	1843.4	1595.3	1347.2	1105.5	863.8
0.0	0.0	35°	3135.9	2904.2	2672.1	2396.9	2121.3	1846.1	1571.0	1298.2	1025.0
0.0	0.0	37.5°	3643.2	3358.9	3074.1	2767.4	2460.7	2154.4	1847.7	1535.9	1224.0
0.0	0.0	40°	4614.4	4247.4	3880.5	3490.9	3100.8	2711.2	2321.5	1938.7	1555.8
0.0	0.0	42.5°	6354.4	5858.7	5362.9	4844.5	4325.6	3807.1	3288.3	2748.3	2207.9
0.0	0.0	45°	8318.2	7703.2	7087.8	6506.0	5923.7	5341.8	4759.9	4018.9	3277.9
0.0	0.0	47.5°	9422.5	8758.5	8094.5	7543.7	6992.9	6442.2	5891.4	5092.5	4293.7
0.0	0.0	50°	9828.9	9152.9	8476.9	7970.0	7462.7	6955.8	6448.5	5648.5	4848.1
0.0	0.0	52.5°	9915.5	9225.9	8536.4	8026.3	7516.2	7006.5	6496.4	5701.5	4906.7
0.0	0.0	55°	10093.4	9353.5	8613.3	8031.9	7450.4	6868.9	6287.4	5479.8	4672.2
0.0	0.0	57.5°	10325.9	9567.3	8808.8	8146.3	7483.9	6821.8	6159.4	5276.4	4393.4
0.0	0.0	60°	10264.9	9604.8	8944.4	8234.9	7525.0	6815.4	6105.5	5134.4	4162.9
0.0	0.0	62.5°	9205.6	8679.9	8153.9	7570.4	6986.5	6403.1	5819.6	4819.8	3819.9
0.0	0.0	65°	7573.2	7189.5	6805.9	6336.5	5866.7	5397.2	4927.8	4031.3	3135.1
0.0	0.0	67.5°	6137.9	5705.5	5272.8	4898.7	4524.2	4150.1	3775.6	3070.1	2364.6
		70°	4876.4	4406.2	3935.6	3570.2	3204.5	2839.2	2473.9	2004.9	1536.3
		72.5°	3872.6	3448.6	3024.7	2635.0	2245.0	1855.3	1465.3	1188.1	910.9
		75°	1850.9	1681.4	1511.9	1308.1	1104.3	900.5	696.7	575.9	455.5
		77.5°	686.0	594.6	502.9	420.0	337.0	254.4	171.5	157.1	142.8
		80°	177.5	154.7	131.6	115.3	98.5	82.2	65.8	59.4	53.4
		82.5°	20.3	18.7	17.5	16.8	15.6	14.8	13.6	12.4	11.2
		85°	1.2	0.8	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



REPORT NUMBER: P1049429

CATALOG NUMBER: GALN-SA2A-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049429

CATALOG NUMBER: GALN-SA2A-950-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	23.1	23.1
0.0	0.0	2.5°	21.5	21.1
0.0	0.0	5°	22.7	22.3
0.0	0.0	7.5°	25.1	24.3
0.0	0.0	10°	27.5	26.7
0.0	0.0	12.5°	31.1	29.9
0.0	0.0	15°	35.1	32.7
0.0	0.0	17.5°	41.9	36.7
0.0	0.0	20°	56.6	43.5
0.0	0.0	22.5°	79.8	54.2
0.0	0.0	25°	117.3	75.0
0.0	0.0	27.5°	163.1	99.7
0.0	0.0	30°	217.0	124.8
0.0	0.0	32.5°	264.4	148.8
0.0	0.0	35°	326.2	173.1
0.0	0.0	37.5°	402.4	204.2
0.0	0.0	40°	520.5	251.3
0.0	0.0	42.5°	733.0	338.2
0.0	0.0	45°	1190.5	584.7
0.0	0.0	47.5°	1831.8	967.1
0.0	0.0	50°	2241.0	1234.4
0.0	0.0	52.5°	2274.5	1232.4
0.0	0.0	55°	2076.3	1095.6
0.0	0.0	57.5°	1771.6	915.7
0.0	0.0	60°	1472.4	724.3
0.0	0.0	62.5°	1160.2	500.1
0.0	0.0	65°	847.9	353.8
0.0	0.0	67.5°	609.0	264.4
		70°	400.4	202.6
		72.5°	260.8	165.1
		75°	175.5	136.8
		77.5°	102.5	90.9
		80°	36.3	31.9
		82.5°	6.8	4.8
		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: P1049429
CATALOG NUMBER: GALN-SA2A-950-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	0.0	0.0
115°	0.0	0.0
117.5°	0.0	0.0
120°	0.0	0.0
122.5°	0.0	0.0
125°	0.0	0.0
127.5°	0.0	0.0
130°	0.0	0.0
132.5°	0.0	0.0
135°	0.0	0.0
137.5°	0.0	0.0
140°	0.0	0.0
142.5°	0.0	0.0
145°	0.0	0.0
147.5°	0.0	0.0
150°	0.0	0.0
152.5°	0.0	0.0
155°	0.0	0.0
157.5°	0.0	0.0
160°	0.0	0.0
162.5°	0.0	0.0
165°	0.0	0.0
167.5°	0.0	0.0
170°	0.0	0.0
172.5°	0.0	0.0
175°	0.0	0.0
177.5°	0.0	0.0
180°	0.0	0.0

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-17

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-950-U-5WQ

Data in this report applies to families of products including GSS-SB1A-950-U-5WQ

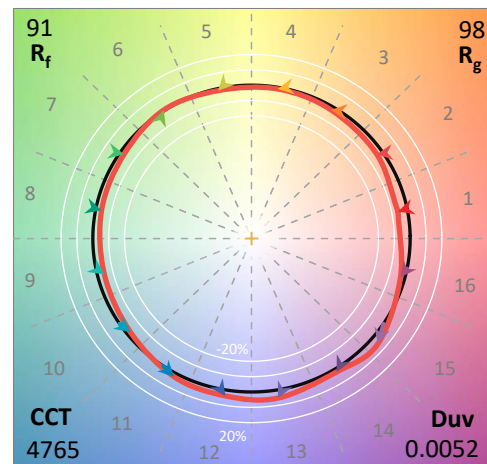
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-17
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-950-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K): 4765
 CIE u' : 0.2105
 CIE v' : 0.4941
 Duv: 0.0052
 CIE x: 0.3536
 CIE y: 0.3689
 CIE z: 0.2775
 Peak Wavelength (nm): 449
 Dominant Wavelength (nm): 571
 Purity: 16.80041
 R_f: 90.7
 R_g: 98

CRI (Ra): 90.8
 R1: 89.8
 R2: 93.1
 R3: 95.3
 R4: 90.3
 R5: 89.0
 R6: 89.7
 R7: 94.9
 R8: 84.0
 R9: 54.9
 R10: 83.0
 R11: 89.6
 R12: 68.0
 R13: 90.6
 R14: 97.3
 R15: 86.2



Test Conditions

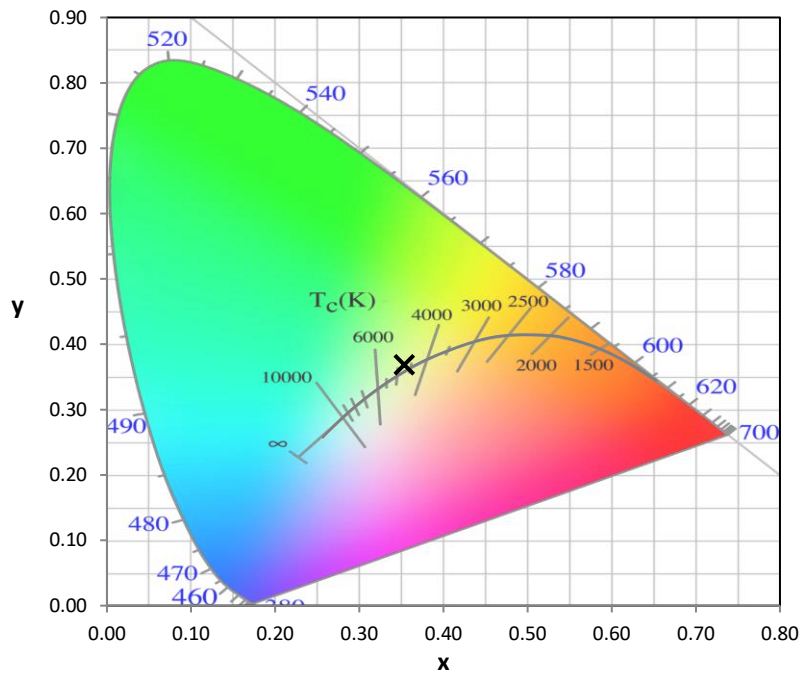
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-17

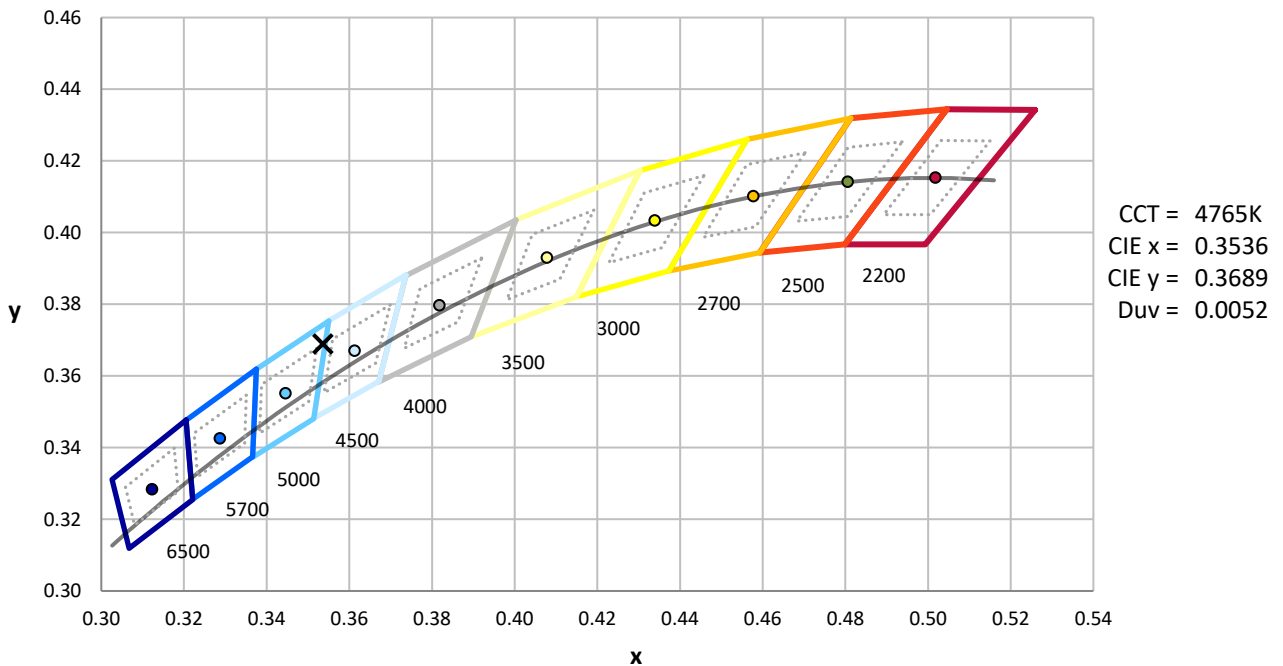
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-17

CIE 1931 Chromaticity Diagram



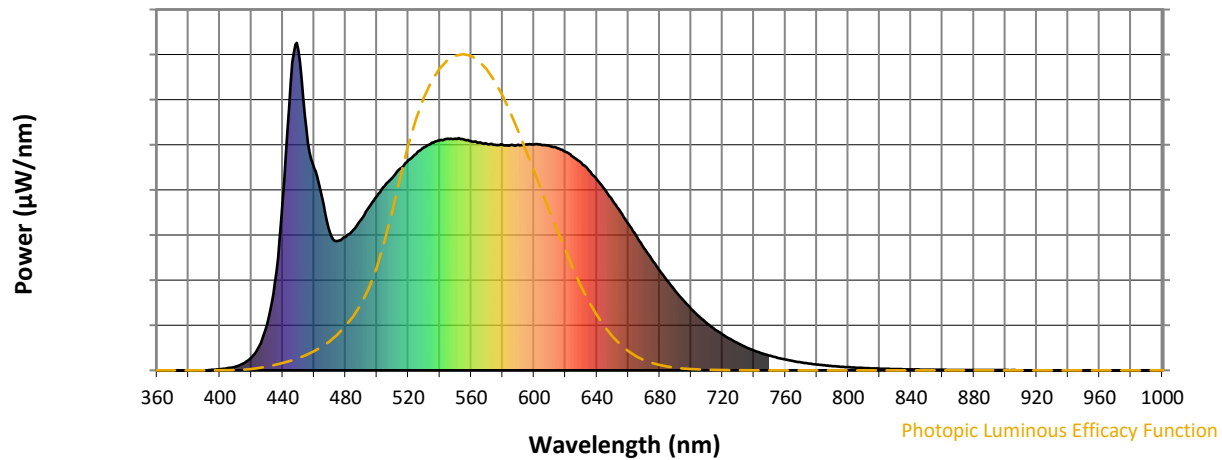
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-17

Photopic Flux vs. Wavelength

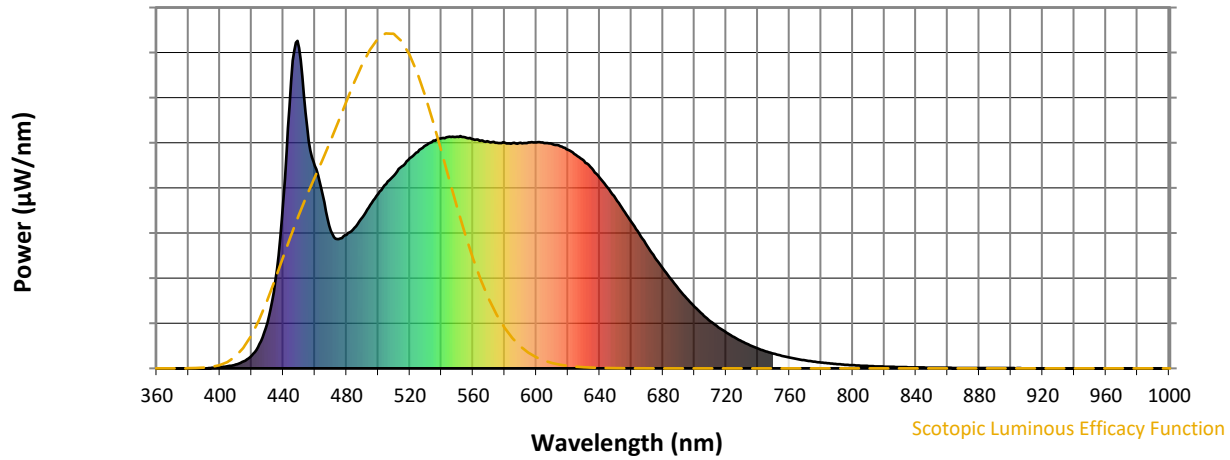


Photopic Lumens: NR

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-17

Scotopic Flux vs. Wavelength



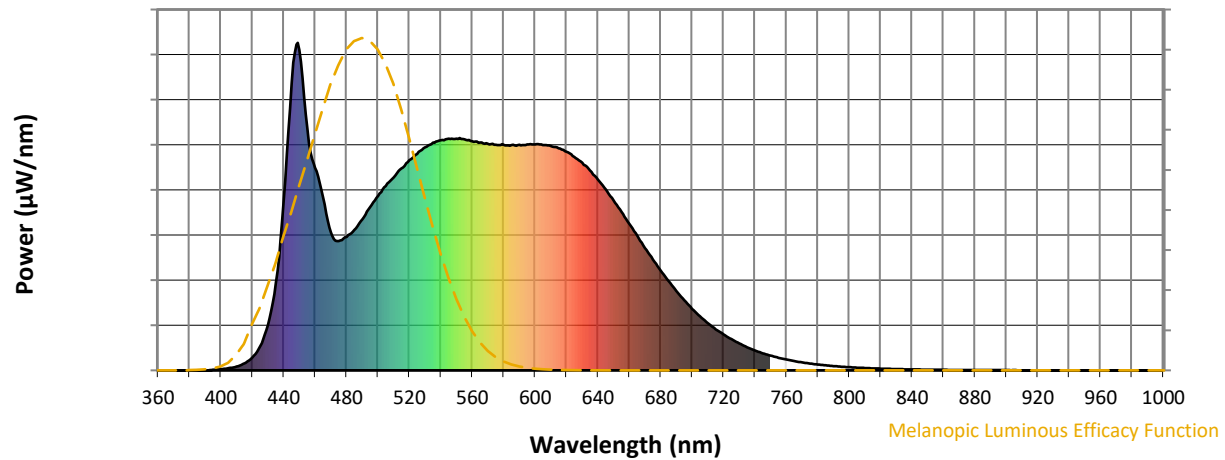
Scotopic Lumens: NR

S/P: 1.99

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-17

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 4.22

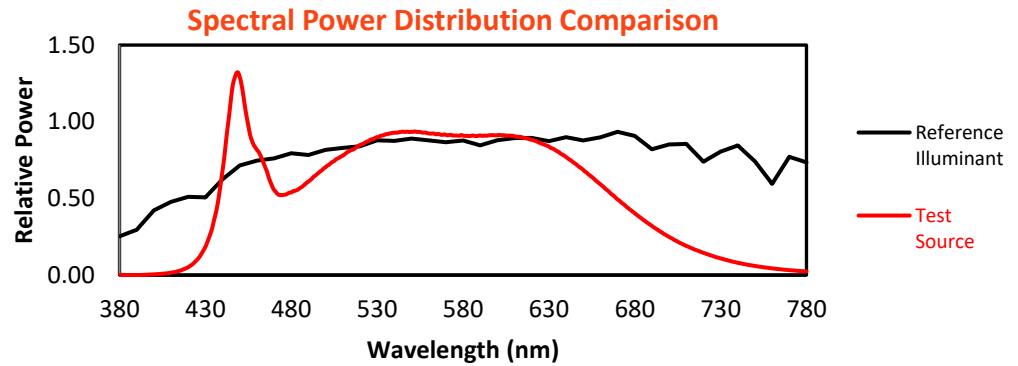
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-17

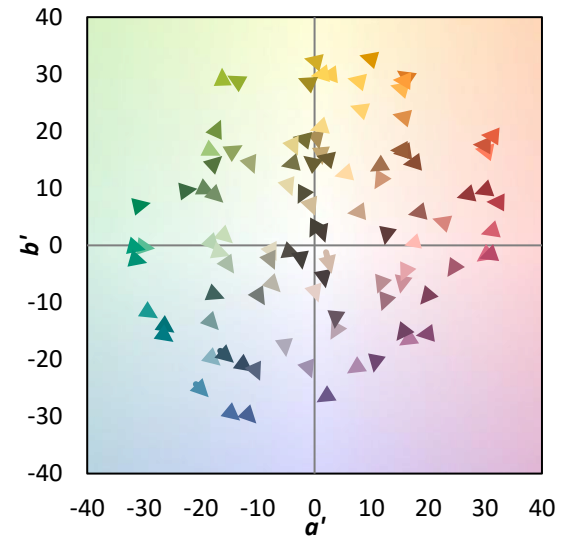
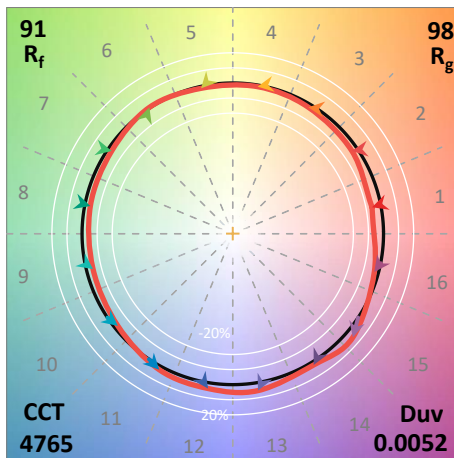
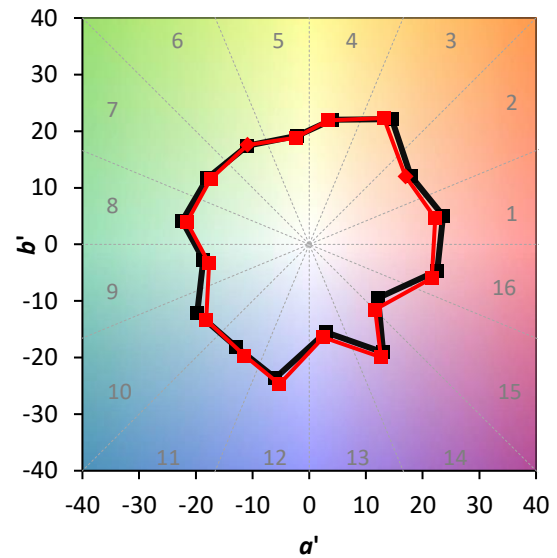
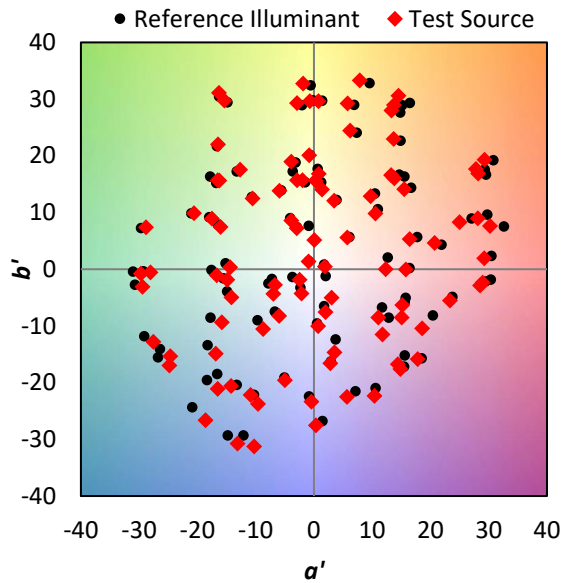
TM-30-18

Summary

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

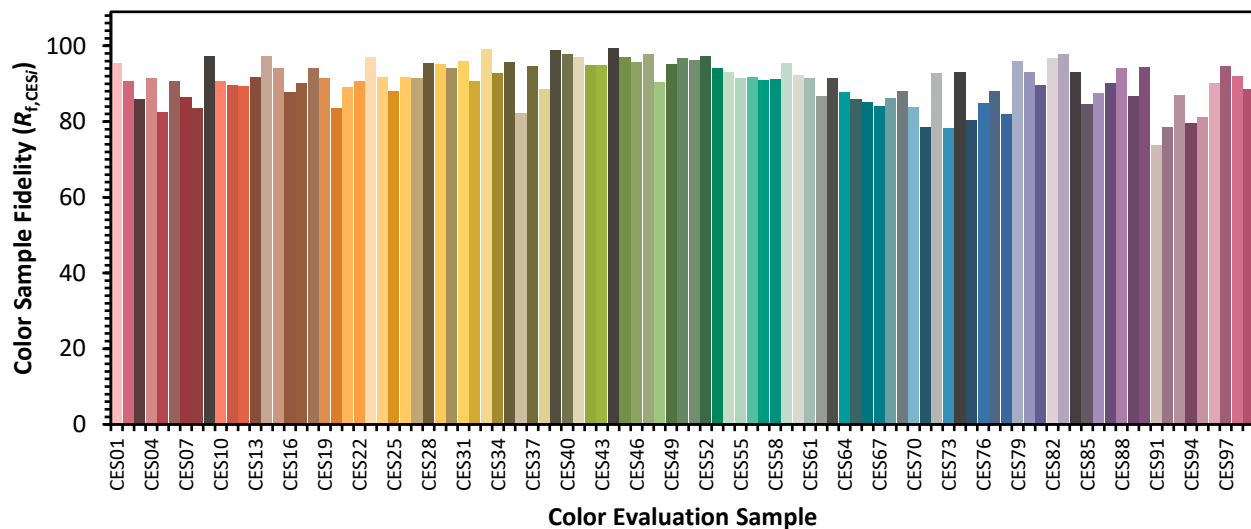


Color Vector Graphics

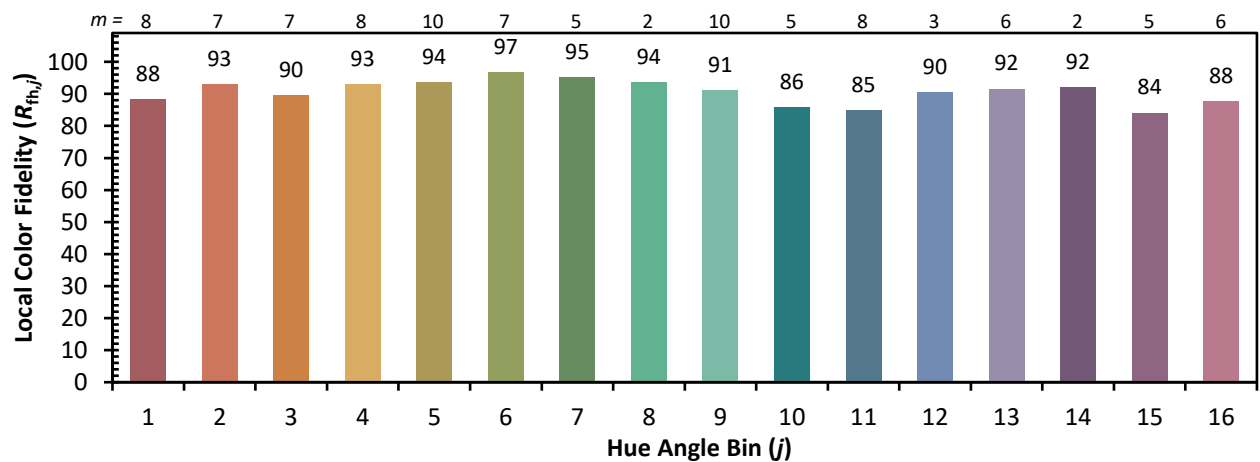
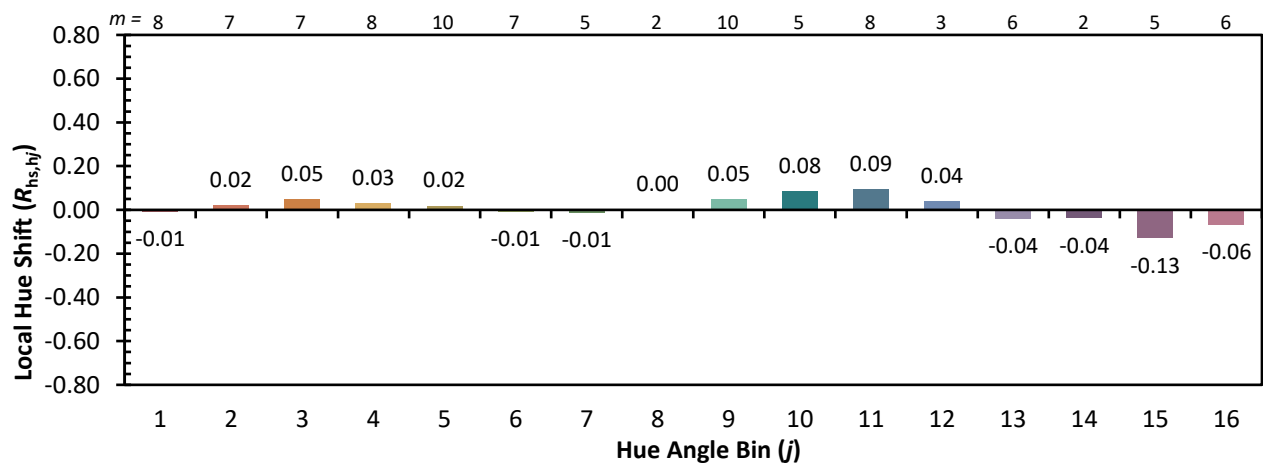
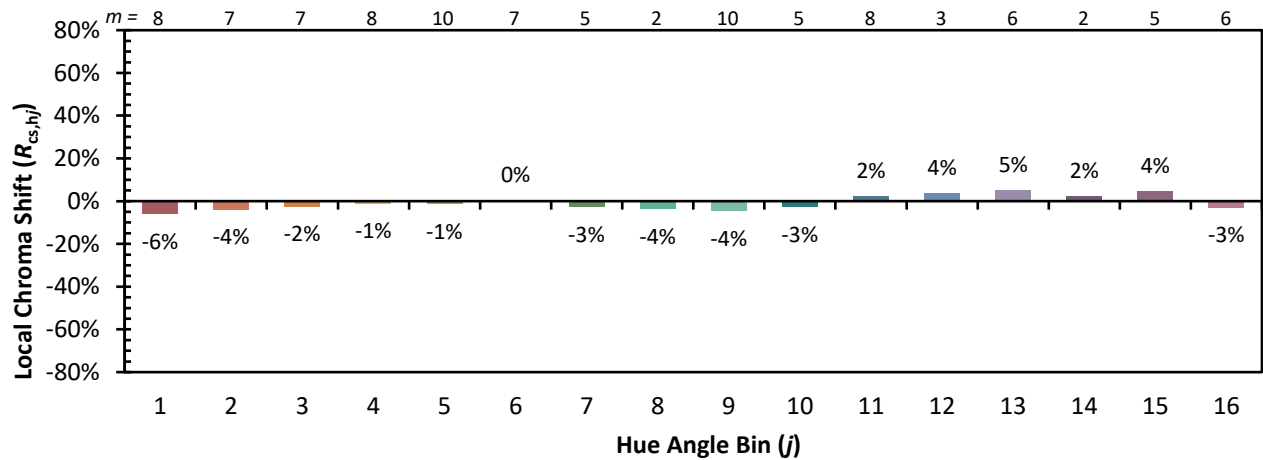


Individual Sample Fidelity Index ($R_{f,i}$)

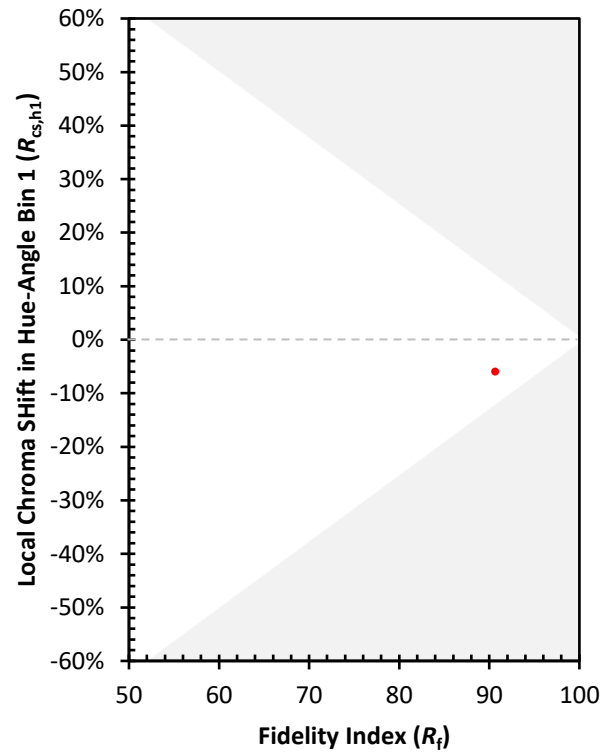
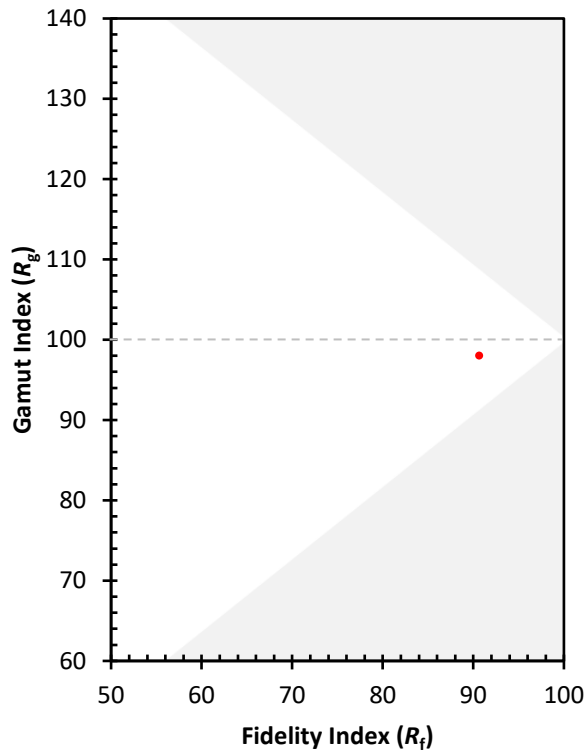
CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82 = 97
CES08 = 40	CES33 = 99	CES58 = 91	CES83 = 98
CES09 = 29	CES34 = 93	CES59 = 95	CES84 = 93
CES10 = 73	CES35 = 96	CES60 = 92	CES85 = 85
CES11 = 56	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 62	CES37 = 95	CES62 = 87	CES87 = 90
CES13 = 42	CES38 = 89	CES63 = 91	CES88 = 94
CES14 = 74	CES39 = 99	CES64 = 88	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 86	CES90 = 94
CES16 = 46	CES41 = 97	CES66 = 85	CES91 = 74
CES17 = 48	CES42 = 95	CES67 = 84	CES92 = 78
CES18 = 56	CES43 = 95	CES68 = 86	CES93 = 87
CES19 = 70	CES44 = 100	CES69 = 88	CES94 = 80
CES20 = 65	CES45 = 97	CES70 = 84	CES95 = 81
CES21 = 85	CES46 = 96	CES71 = 79	CES96 = 90
CES22 = 77	CES47 = 98	CES72 = 93	CES97 = 95
CES23 = 91	CES48 = 90	CES73 = 78	CES98 = 92
CES24 = 90	CES49 = 95	CES74 = 93	CES99 = 88
CES25 = 70	CES50 = 97	CES75 = 80	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)