

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: P1048999

Luminaire Tested: **GALN-SA2C-735-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048999
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2C-735-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 2xLight Square PACKAGE
70CRI 3500K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (28) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10189 lumens
Efficiency: N/A
Efficacy: 105.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

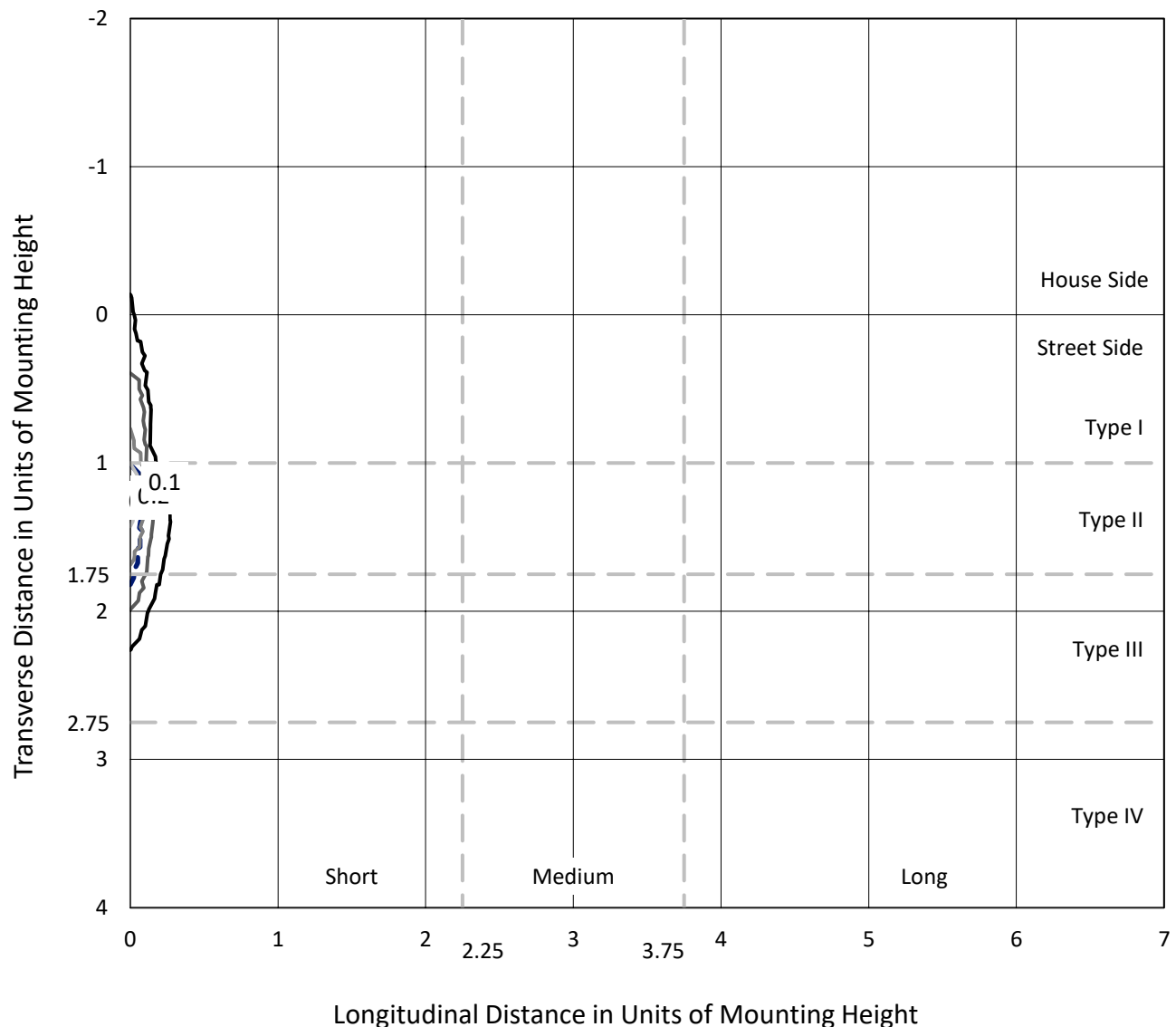
Input Watts (W): 96.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

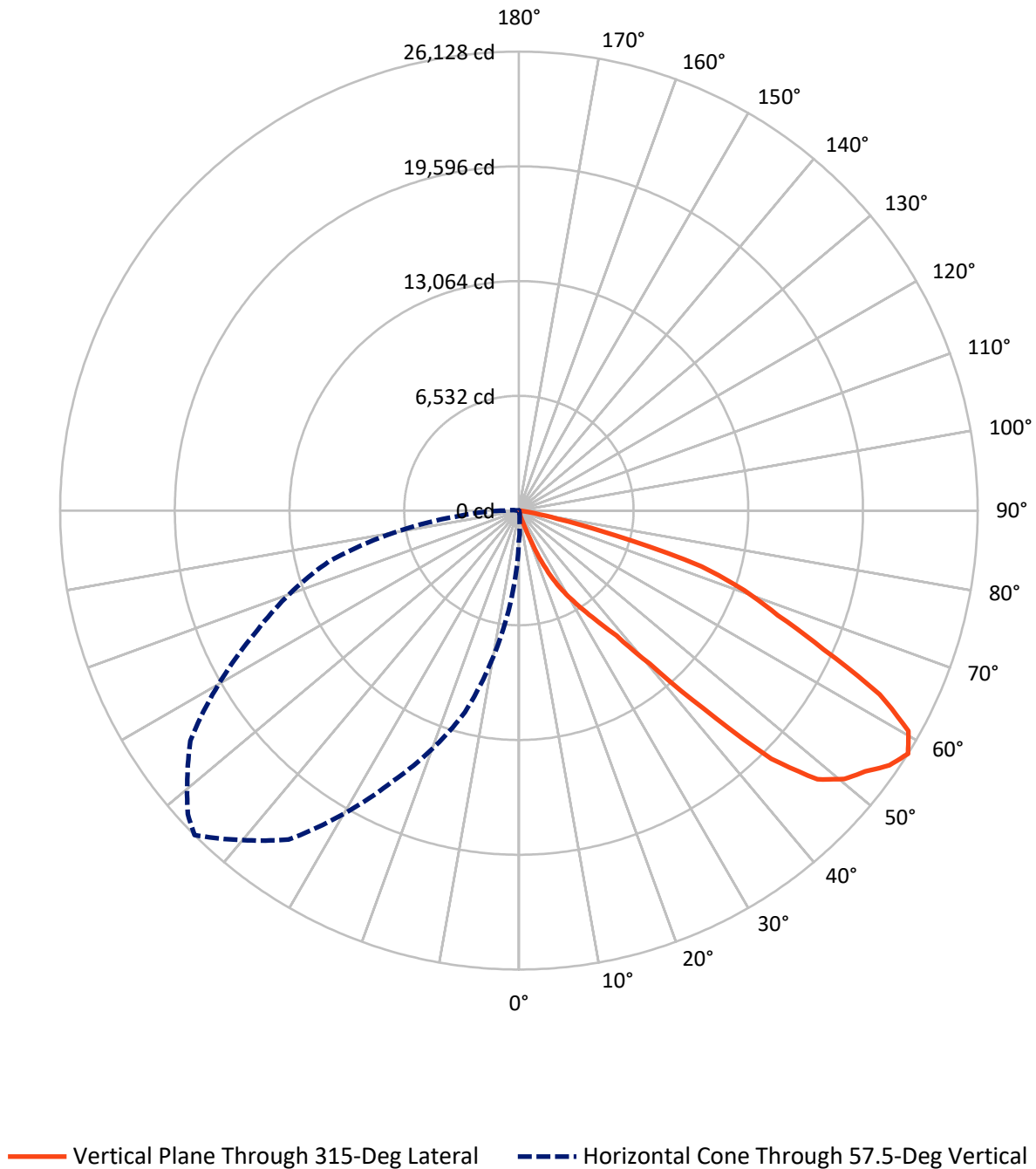
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 1.5 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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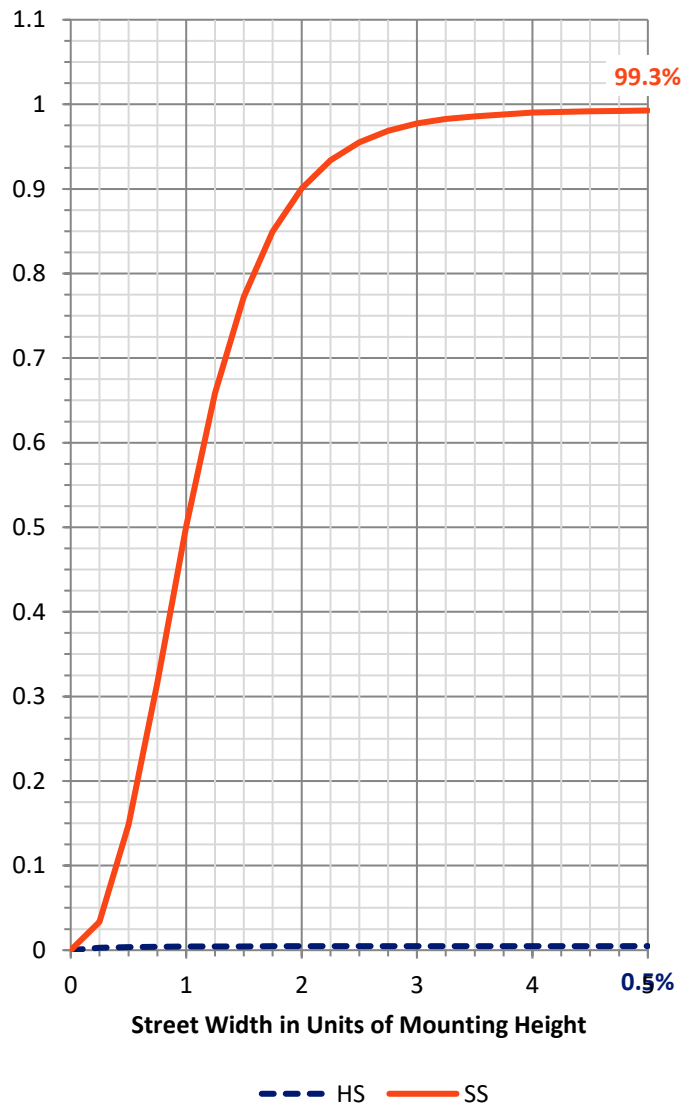
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	51.0	0.0	51.0
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	10138.0	0.0	10138.0
	% Fixture	99.5	0.0	99.5
Total	Lumens	10189.0	0.0	10189.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.0	0.0
10°-20°	22.4	0.2
20°-30°	241.5	2.4
30°-40°	714.1	7.0
40°-50°	2128.1	20.9
50°-60°	3374.4	33.1
60°-70°	2816.8	27.6
70°-80°	868.6	8.5
80°-90°	19.3	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°	10189.0	100.0
0°-180°	10189.0	100.0



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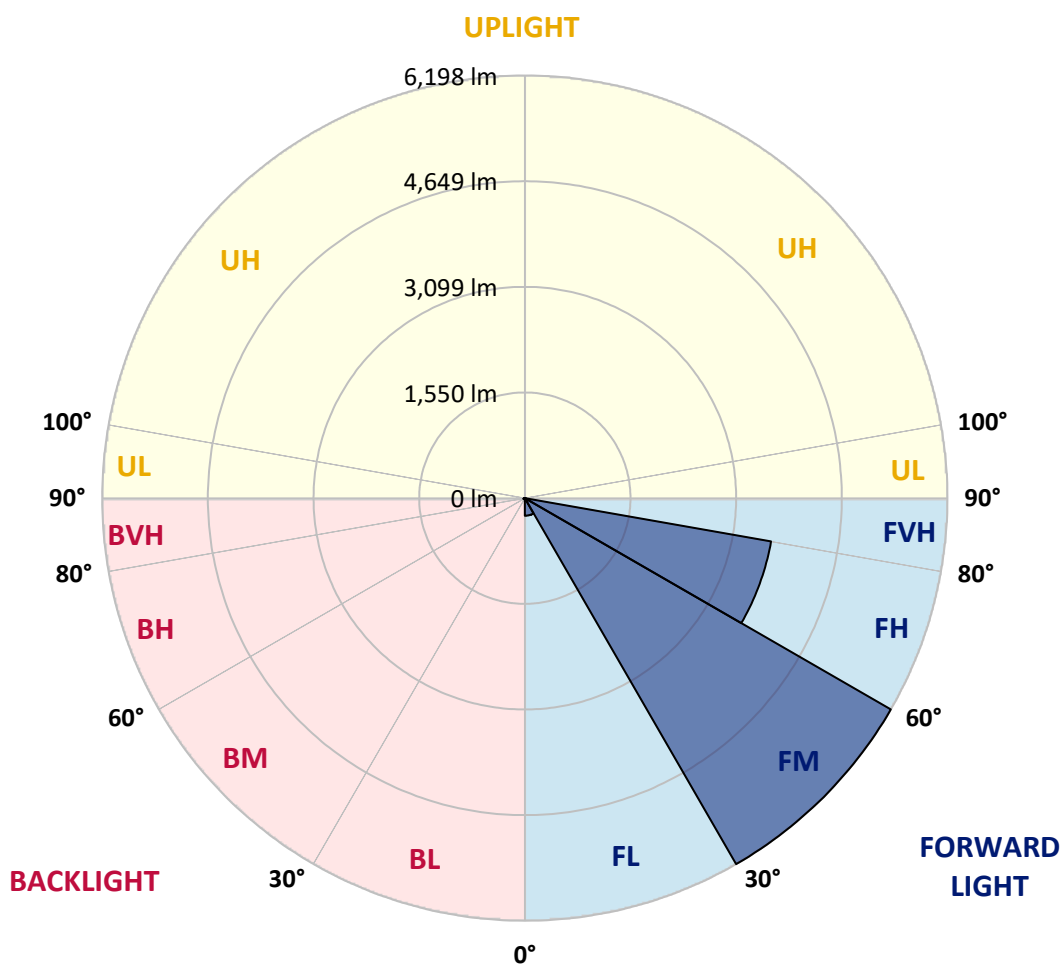
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	258.5	2.5			
FM	(30°-60°)	6198.2	60.8			
FH	(60°-80°)	3666.3	36.0			G2/5000
FVH	(80°-90°)	14.9	0.1			G1/100
BL	(0°-30°)	9.4	0.1	B0/110		
BM	(30°-60°)	18.2	0.2	B0/220		
BH	(60°-80°)	19.0	0.2	B0/110		G0/110
BVH	(80°-90°)	4.4	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°	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
2.5°	40.8	40.8	40.8	40.8	40.0	40.0	39.3	39.3	38.5	38.5
5°	43.1	43.1	42.3	41.6	41.6	40.8	40.0	39.3	39.3	38.5
7.5°	47.0	46.2	45.4	44.7	43.1	42.3	40.8	40.0	39.3	37.7
10°	51.6	50.0	48.5	47.0	45.4	43.9	42.3	41.6	40.0	39.3
12.5°	57.7	55.4	52.4	50.0	48.5	46.2	44.7	43.1	40.8	39.3
15°	63.1	60.1	56.2	53.1	50.8	47.7	45.4	43.1	41.6	39.3
17.5°	70.8	65.4	59.3	55.4	52.4	48.5	44.7	42.3	40.0	37.0
20°	83.9	73.1	61.6	57.0	52.4	47.7	43.1	40.0	37.7	34.6
22.5°	104.7	86.2	67.8	60.8	54.7	47.7	41.6	38.5	35.4	32.3
25°	144.8	111.6	78.5	69.3	60.1	50.8	41.6	37.7	34.6	30.8
27.5°	192.5	143.2	93.2	80.1	67.8	54.7	41.6	37.0	33.1	28.5
30°	241.0	175.6	109.3	92.4	75.5	58.5	41.6	36.2	31.6	26.2
32.5°	287.2	205.6	123.2	103.2	83.2	62.4	42.3	36.2	30.0	23.9
35°	334.2	230.2	125.5	104.7	83.9	62.4	41.6	34.6	28.5	21.6
37.5°	394.2	257.9	120.9	100.1	80.1	59.3	39.3	33.1	26.9	20.0
40°	485.1	304.1	123.2	101.6	80.1	58.5	37.0	30.8	25.4	19.2
42.5°	652.9	393.5	133.2	108.6	83.9	58.5	33.9	28.5	23.9	18.5
45°	1128.8	653.7	178.6	141.7	104.7	67.8	30.8	26.2	22.3	17.7
47.5°	1867.2	1094.1	321.1	247.9	175.6	102.4	30.0	26.2	22.3	17.7
50°	2383.1	1393.7	404.2	311.1	217.9	124.7	31.6	26.9	23.1	18.5
52.5°	2379.2	1415.2	450.4	345.7	241.8	137.1	33.1	28.5	24.6	20.0
55°	2115.1	1287.4	458.9	352.6	247.2	140.9	35.4	30.8	26.2	21.6
57.5°	1767.9	1093.4	418.9	324.2	230.2	135.5	40.8	35.4	30.8	25.4
60°	1398.3	862.4	326.5	257.9	190.2	121.7	53.9	47.0	40.8	33.9
62.5°	965.5	625.2	284.9	228.7	173.2	117.0	61.6	54.7	48.5	41.6
65°	683.0	470.5	257.2	209.4	162.5	114.7	67.0	59.3	52.4	44.7
67.5°	510.5	374.2	237.2	196.3	155.5	114.7	73.9	64.7	56.2	47.0
70°	391.1	307.2	222.5	189.4	157.1	124.0	90.9	77.8	65.4	52.4
72.5°	318.8	262.6	205.6	181.7	157.8	134.0	110.1	93.2	76.2	58.5
75°	264.1	224.8	185.6	165.5	146.3	126.3	106.3	90.9	76.2	60.8
77.5°	175.6	160.2	144.0	132.4	120.9	108.6	97.0	83.9	71.6	58.5
80°	61.6	59.3	57.0	61.6	66.2	70.8	75.5	66.2	57.7	48.5
82.5°	9.2	8.5	7.7	8.5	9.2	10.0	10.8	11.5	12.3	13.1
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°	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
0.0	2.5°	37.7	37.7	37.0	37.0	37.0	36.2	36.2	35.4	35.4	35.4
0.0	5°	37.0	37.0	36.2	35.4	34.6	34.6	33.9	33.1	33.1	32.3
0.0	7.5°	36.2	35.4	34.6	33.9	33.1	32.3	31.6	30.8	30.8	30.0
0.0	10°	37.0	35.4	34.6	33.1	32.3	31.6	30.0	29.3	28.5	28.5
0.0	12.5°	35.4	34.6	33.1	31.6	30.8	29.3	28.5	26.9	26.2	26.2
0.0	15°	35.4	33.9	31.6	30.0	28.5	27.7	26.2	24.6	23.9	23.1
0.0	17.5°	33.1	31.6	29.3	27.7	26.2	24.6	23.1	21.6	20.8	20.0
0.0	20°	30.0	28.5	26.2	23.9	22.3	20.8	19.2	17.7	16.9	16.2
0.0	22.5°	26.9	25.4	23.1	20.8	19.2	17.7	15.4	13.9	13.1	11.5
0.0	25°	25.4	23.1	20.8	18.5	16.2	14.6	12.3	10.0	8.5	6.9
0.0	27.5°	21.6	19.2	16.9	14.6	12.3	10.0	7.7	5.4	3.8	3.1
0.0	30°	18.5	16.2	13.9	11.5	8.5	6.2	3.8	0.8	0.8	0.8
0.0	32.5°	15.4	13.1	10.0	7.7	6.2	3.8	2.3	0.0	0.0	0.0
0.0	35°	12.3	10.0	6.9	4.6	3.8	2.3	1.5	0.0	0.0	0.0
0.0	37.5°	10.8	8.5	5.4	2.3	1.5	1.5	0.8	0.0	0.0	0.0
0.0	40°	10.0	6.9	3.8	0.8	0.8	0.8	0.0	0.0	0.0	0.0
0.0	42.5°	10.0	6.9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	10.0	6.9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	10.0	6.9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	10.8	7.7	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	12.3	9.2	6.2	3.1	2.3	1.5	0.8	0.0	0.0	0.0
0.0	55°	15.4	13.9	11.5	10.0	7.7	5.4	2.3	0.0	0.0	0.0
0.0	57.5°	20.0	20.0	19.2	18.5	13.9	9.2	4.6	0.0	0.0	0.0
0.0	60°	26.9	26.9	26.9	26.9	20.0	13.9	6.9	0.0	0.0	0.0
0.0	62.5°	33.1	31.6	29.3	27.7	20.8	13.9	6.9	0.0	0.0	0.0
0.0	65°	33.1	30.0	26.2	22.3	16.9	11.5	5.4	0.0	0.0	0.0
0.0	67.5°	30.8	24.6	17.7	11.5	8.5	6.2	3.1	0.0	0.0	0.0
	70°	30.8	21.6	12.3	3.1	2.3	1.5	0.8	0.0	0.0	0.0
	72.5°	30.8	20.8	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	33.9	23.1	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	33.9	23.1	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	30.0	20.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	10.0	6.9	3.1	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°	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
0.0	2.5°	34.6	34.6	34.6	33.9	33.9	33.9	33.9	33.1	33.1	33.1
0.0	5°	31.6	31.6	30.8	30.8	30.0	30.0	29.3	29.3	28.5	28.5
0.0	7.5°	29.3	28.5	28.5	27.7	26.9	26.9	26.2	26.2	25.4	24.6
0.0	10°	26.9	26.2	26.2	25.4	24.6	23.9	23.9	23.1	22.3	21.6
0.0	12.5°	24.6	23.9	23.1	22.3	21.6	20.8	20.8	20.0	19.2	18.5
0.0	15°	21.6	20.8	20.0	19.2	18.5	17.7	17.7	16.9	16.2	15.4
0.0	17.5°	18.5	17.7	17.7	16.9	16.2	15.4	14.6	13.1	12.3	11.5
0.0	20°	13.9	13.1	12.3	11.5	10.8	9.2	8.5	6.9	5.4	4.6
0.0	22.5°	9.2	7.7	6.9	5.4	3.8	3.1	2.3	0.8	0.0	0.0
0.0	25°	3.1	2.3	1.5	0.8	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: P1048999

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CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
0.0	2.5°	32.3	32.3	32.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6
0.0	5°	27.7	27.7	27.7	26.9	26.9	26.2	26.2	26.2	25.4	25.4
0.0	7.5°	23.9	23.1	23.1	22.3	22.3	21.6	21.6	21.6	20.8	20.8
0.0	10°	20.0	19.2	19.2	18.5	18.5	17.7	17.7	16.9	16.9	16.2
0.0	12.5°	17.7	16.9	16.2	15.4	15.4	14.6	13.9	13.9	13.1	12.3
0.0	15°	13.9	13.1	12.3	11.5	10.8	10.0	9.2	9.2	8.5	7.7
0.0	17.5°	9.2	7.7	6.9	6.2	6.2	5.4	4.6	3.8	3.1	2.3
0.0	20°	2.3	1.5	0.8	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



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048999

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CANDELA DISTRIBUTION (continued):

107.5°		110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°
0.0	0°	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
0.0	2.5°	31.6	30.8	30.8	30.8	31.6	31.6	31.6	31.6	31.6	31.6
0.0	5°	25.4	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
0.0	7.5°	20.8	20.0	20.0	20.0	20.0	19.2	19.2	19.2	19.2	19.2
0.0	10°	16.2	15.4	15.4	15.4	15.4	14.6	14.6	14.6	14.6	14.6
0.0	12.5°	11.5	11.5	10.8	10.8	10.8	10.0	10.0	10.0	10.0	9.2
0.0	15°	6.9	6.2	5.4	5.4	5.4	4.6	4.6	4.6	4.6	3.8
0.0	17.5°	1.5	1.5	0.8	0.8	0.8	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

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CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
0.0	2.5°	32.3	32.3	33.1	33.1	33.9	35.4	36.2	37.0	38.5	40.0
0.0	5°	25.4	26.2	26.2	26.9	27.7	28.5	29.3	30.0	31.6	33.1
0.0	7.5°	20.0	20.0	20.8	20.8	21.6	23.1	23.9	24.6	26.2	28.5
0.0	10°	15.4	15.4	16.2	16.2	16.9	18.5	19.2	20.0	21.6	23.9
0.0	12.5°	10.0	10.8	10.8	11.5	12.3	13.9	14.6	15.4	16.9	18.5
0.0	15°	4.6	5.4	5.4	6.2	6.9	8.5	9.2	10.0	11.5	13.9
0.0	17.5°	0.8	0.8	1.5	1.5	2.3	3.1	3.8	4.6	6.9	8.5
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.1
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
0.0	2.5°	42.3	43.9	45.4	47.0	48.5	50.0	50.8	52.4	53.1	53.9
0.0	5°	36.2	37.7	40.0	41.6	43.1	44.7	46.2	47.0	47.7	48.5
0.0	7.5°	31.6	33.1	35.4	37.0	38.5	40.0	41.6	43.1	43.9	44.7
0.0	10°	26.9	29.3	30.8	33.1	34.6	36.2	37.7	39.3	40.8	41.6
0.0	12.5°	21.6	23.9	26.2	27.7	30.0	32.3	33.9	35.4	37.0	38.5
0.0	15°	16.9	19.2	21.6	23.1	25.4	27.7	30.0	31.6	33.1	34.6
0.0	17.5°	12.3	14.6	16.9	18.5	20.8	23.1	24.6	26.9	28.5	30.0
0.0	20°	6.2	8.5	10.8	13.1	15.4	17.7	19.2	21.6	23.1	24.6
0.0	22.5°	0.8	3.1	5.4	6.9	9.2	11.5	13.1	15.4	16.9	18.5
0.0	25°	0.0	0.8	2.3	3.1	3.8	5.4	6.9	8.5	10.0	11.5
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.8	1.5	3.1	4.6	6.2
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
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	0.8
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	1.5
	85°	0.0	0.0	0.0	0.0	0.0	1.5	2.3	3.8	4.6	5.4
	87.5°	0.0	0.8	1.5	2.3	3.1	4.6	6.2	7.7	8.5	9.2
	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: P1048999

CATALOG NUMBER: GALN-SA2C-735-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
44.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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0.0											
0.0											
0.0											
0.8											
3.1											
6.9											
10.0											
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REPORT NUMBER: P1048999

CATALOG NUMBER: GALN-SA2C-735-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
0.0	2.5°	54.7	54.7	54.7	54.7	53.9	53.9	53.9	53.1	53.1	52.4
0.0	5°	50.0	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.0	50.0
0.0	7.5°	46.2	47.0	47.7	47.7	48.5	48.5	48.5	47.7	47.7	47.0
0.0	10°	43.9	44.7	44.7	45.4	45.4	45.4	45.4	45.4	45.4	45.4
0.0	12.5°	40.8	41.6	42.3	42.3	43.1	43.1	43.1	43.1	42.3	42.3
0.0	15°	37.0	38.5	39.3	40.0	40.0	40.8	40.8	40.8	40.8	40.8
0.0	17.5°	33.9	35.4	36.2	37.0	37.0	37.7	37.7	38.5	38.5	38.5
0.0	20°	27.7	29.3	30.0	31.6	32.3	33.1	33.9	34.6	34.6	35.4
0.0	22.5°	21.6	23.1	23.9	25.4	26.2	26.9	27.7	28.5	29.3	30.0
0.0	25°	15.4	16.9	17.7	19.2	20.0	20.8	21.6	22.3	22.3	23.1
0.0	27.5°	8.5	10.0	11.5	12.3	13.9	14.6	15.4	16.2	16.9	17.7
0.0	30°	3.8	4.6	5.4	6.9	7.7	8.5	9.2	10.8	11.5	12.3
0.0	32.5°	0.0	0.0	0.8	2.3	3.1	3.8	4.6	5.4	5.4	6.2
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.5	2.3	3.1
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°	1.5	1.5	1.5	2.3	2.3	2.3	2.3	2.3	2.3	2.3
	82.5°	3.8	4.6	5.4	5.4	6.2	6.2	6.2	6.2	5.4	5.4
	85°	7.7	8.5	9.2	9.2	10.0	10.0	10.0	10.0	10.0	10.0
	87.5°	10.8	11.5	12.3	12.3	13.1	13.1	13.1	13.1	13.1	13.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048999

CATALOG NUMBER: GALN-SA2C-735-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
44.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	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											
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2.3											
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REPORT NUMBER: P1048999

CATALOG NUMBER: GALN-SA2C-735-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°	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
0.0	2.5°	51.6	51.6	50.8	50.8	50.8	50.8	50.8	51.6	52.4	52.4
0.0	5°	49.3	49.3	48.5	48.5	48.5	49.3	49.3	50.0	50.8	51.6
0.0	7.5°	47.0	46.2	46.2	47.0	47.0	47.7	47.7	48.5	49.3	50.0
0.0	10°	45.4	44.7	44.7	44.7	45.4	45.4	46.2	47.0	47.7	48.5
0.0	12.5°	42.3	42.3	42.3	42.3	43.1	43.1	43.9	44.7	46.2	47.0
0.0	15°	40.8	40.0	40.0	40.0	40.0	40.8	40.8	42.3	43.9	44.7
0.0	17.5°	37.7	37.7	37.0	37.0	37.7	37.7	38.5	40.0	41.6	42.3
0.0	20°	34.6	33.9	33.1	33.1	33.9	33.9	34.6	36.2	37.7	38.5
0.0	22.5°	30.0	29.3	29.3	29.3	29.3	30.0	30.0	31.6	33.9	35.4
0.0	25°	23.9	24.6	24.6	25.4	25.4	26.2	26.9	28.5	30.8	32.3
0.0	27.5°	18.5	19.2	19.2	20.8	21.6	22.3	23.1	25.4	27.7	29.3
0.0	30°	13.9	14.6	15.4	16.2	17.7	19.2	20.8	23.1	25.4	26.9
0.0	32.5°	8.5	10.0	10.8	12.3	13.9	15.4	16.9	19.2	22.3	24.6
0.0	35°	6.2	6.9	8.5	9.2	10.8	12.3	13.9	16.9	19.2	22.3
0.0	37.5°	3.1	4.6	6.2	7.7	9.2	10.8	12.3	15.4	18.5	20.8
0.0	40°	2.3	3.8	4.6	6.2	8.5	10.0	11.5	14.6	17.7	20.8
0.0	42.5°	1.5	2.3	3.1	5.4	6.9	9.2	11.5	14.6	17.7	20.8
0.0	45°	1.5	1.5	2.3	4.6	6.9	10.0	12.3	15.4	17.7	20.8
0.0	47.5°	1.5	2.3	3.1	6.2	7.7	10.0	12.3	14.6	17.7	20.0
0.0	50°	2.3	3.1	3.8	6.9	8.5	10.8	12.3	15.4	17.7	20.8
0.0	52.5°	1.5	2.3	3.1	6.2	8.5	11.5	13.9	16.9	20.0	22.3
0.0	55°	0.8	0.8	0.8	4.6	9.2	13.1	17.7	20.0	23.1	25.4
0.0	57.5°	0.0	0.0	0.0	3.1	9.2	14.6	20.0	23.1	26.2	28.5
0.0	60°	0.0	0.0	0.0	3.1	9.2	14.6	20.0	23.9	27.7	31.6
0.0	62.5°	0.0	0.0	0.0	3.1	7.7	12.3	16.9	23.1	30.0	36.2
0.0	65°	0.0	0.0	0.0	2.3	6.2	10.0	13.9	23.1	32.3	40.8
0.0	67.5°	0.0	0.0	0.0	2.3	6.2	9.2	13.1	23.1	32.3	42.3
	70°	0.0	0.0	0.0	2.3	6.2	10.0	13.9	23.1	32.3	41.6
	72.5°	0.0	0.0	0.0	2.3	6.9	10.8	15.4	23.1	30.8	38.5
	75°	0.0	0.0	0.0	3.1	6.9	11.5	16.2	23.1	30.0	36.2
	77.5°	0.0	0.0	0.0	2.3	6.9	10.8	15.4	22.3	29.3	35.4
	80°	2.3	1.5	1.5	3.8	6.9	10.0	13.1	20.0	27.7	34.6
	82.5°	4.6	4.6	3.8	5.4	6.9	9.2	11.5	17.7	24.6	30.8
	85°	9.2	9.2	8.5	9.2	9.2	10.0	10.8	13.9	16.9	20.0
	87.5°	12.3	12.3	11.5	11.5	11.5	10.8	10.8	10.8	10.8	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: P1048999

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
44.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.8											
46.2											
43.1											
42.3											
41.6											
37.0											
23.1											
10.0											
0.0											
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REPORT NUMBER: P1048999

CATALOG NUMBER: GALN-SA2C-735-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
0.0	2.5°	53.9	54.7	54.7	55.4	56.2	57.0	57.0	57.7	57.7	57.7
0.0	5°	53.1	54.7	55.4	56.2	57.0	57.7	58.5	59.3	60.1	60.1
0.0	7.5°	52.4	53.1	54.7	55.4	57.0	57.7	59.3	60.1	60.8	61.6
0.0	10°	50.8	52.4	53.9	55.4	57.0	58.5	60.1	61.6	63.1	63.9
0.0	12.5°	49.3	51.6	53.1	54.7	57.0	59.3	60.8	63.1	64.7	66.2
0.0	15°	48.5	50.0	52.4	53.9	57.0	60.1	62.4	65.4	68.5	70.8
0.0	17.5°	46.2	49.3	51.6	53.9	57.0	60.8	63.9	67.0	71.6	76.2
0.0	20°	43.1	45.4	48.5	50.8	55.4	59.3	63.9	67.8	74.7	81.6
0.0	22.5°	40.0	43.1	45.4	48.5	53.9	58.5	63.9	68.5	80.1	90.9
0.0	25°	37.0	40.8	43.9	47.0	53.1	59.3	65.4	71.6	90.9	110.1
0.0	27.5°	35.4	38.5	42.3	45.4	53.1	61.6	69.3	77.0	107.8	137.8
0.0	30°	33.1	37.0	40.0	43.9	53.9	63.9	73.9	83.9	130.9	177.9
0.0	32.5°	30.8	34.6	38.5	42.3	55.4	68.5	80.8	93.9	155.5	216.4
0.0	35°	28.5	33.1	37.0	40.8	57.7	75.5	92.4	109.3	177.9	245.6
0.0	37.5°	27.7	32.3	36.2	40.0	58.5	76.2	94.7	112.4	180.2	247.9
0.0	40°	28.5	32.3	37.0	40.8	56.2	71.6	86.2	101.6	172.5	242.5
0.0	42.5°	28.5	33.1	37.7	42.3	54.7	67.0	79.3	91.6	170.2	248.7
0.0	45°	27.7	32.3	37.0	41.6	53.1	63.9	75.5	86.2	184.0	281.0
0.0	47.5°	26.9	31.6	36.2	40.8	52.4	63.9	75.5	87.0	237.9	388.1
0.0	50°	26.9	31.6	35.4	39.3	53.1	67.8	81.6	95.5	346.5	596.7
0.0	52.5°	28.5	32.3	35.4	38.5	54.7	71.6	87.8	103.9	440.4	776.1
0.0	55°	30.8	33.1	36.2	38.5	58.5	77.8	97.8	117.0	468.9	820.8
0.0	57.5°	33.9	36.2	38.5	40.8	65.4	90.1	114.0	138.6	471.2	803.1
0.0	60°	37.7	40.8	43.1	45.4	71.6	98.6	124.7	150.9	426.6	701.4
0.0	62.5°	46.2	50.0	53.1	57.0	82.4	107.0	132.4	157.1	354.2	551.3
0.0	65°	53.1	56.2	59.3	62.4	87.0	112.4	137.1	161.7	300.3	438.9
0.0	67.5°	54.7	57.7	60.1	63.1	88.5	114.0	138.6	164.0	257.2	349.6
	70°	55.4	59.3	63.9	67.8	93.9	120.1	145.5	171.7	227.9	284.1
	72.5°	53.1	60.8	67.8	74.7	99.3	123.2	147.8	171.7	211.7	251.8
	75°	53.1	63.9	73.9	83.9	102.4	120.1	138.6	156.3	187.1	217.9
	77.5°	56.2	70.1	83.9	97.8	108.6	118.6	129.4	139.4	159.4	179.4
	80°	56.2	70.8	84.7	99.3	103.9	109.3	114.0	118.6	120.9	123.2
	82.5°	48.5	60.1	71.6	83.2	77.8	72.4	67.0	61.6	57.7	53.1
	85°	24.6	26.9	28.5	30.0	27.7	25.4	23.1	20.8	19.2	16.9
	87.5°	10.0	10.0	9.2	9.2	9.2	9.2	8.5	8.5	8.5	8.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048999

CATALOG NUMBER: GALN-SA2C-735-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
44.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
227.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
308.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
385.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
438.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
477.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
516.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
593.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
747.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1139.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1745.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2197.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2247.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2028.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1734.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1355.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1024.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
756.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
535.1											
398.1											
289.5											
217.9											
122.4											
55.4											
16.2											
7.7											
0.0											
0.0											
0.0											
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REPORT NUMBER: P1048999

CATALOG NUMBER: GALN-SA2C-735-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°	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
0.0	2.5°	57.7	57.0	57.0	56.2	55.4	54.7	53.9	53.1	52.4	51.6
0.0	5°	60.1	60.1	60.1	59.3	59.3	58.5	58.5	57.7	57.0	56.2
0.0	7.5°	62.4	63.1	63.1	63.9	63.9	63.9	63.9	63.1	63.1	63.1
0.0	10°	66.2	67.0	67.8	68.5	69.3	70.1	70.1	70.8	70.8	70.8
0.0	12.5°	70.8	73.1	74.7	77.0	78.5	80.8	82.4	84.7	86.2	87.8
0.0	15°	77.8	81.6	86.2	90.1	93.9	99.3	105.5	110.9	116.3	124.7
0.0	17.5°	87.8	100.1	112.4	124.0	136.3	163.2	190.2	216.4	243.3	282.6
0.0	20°	107.0	144.0	180.2	217.1	253.3	348.0	442.0	536.7	630.6	731.5
0.0	22.5°	150.1	241.0	331.9	422.7	513.6	711.5	908.6	1106.5	1303.6	1535.3
0.0	25°	217.9	385.0	552.1	718.4	885.5	1195.0	1505.3	1814.8	2124.4	2425.4
0.0	27.5°	317.2	572.9	828.5	1083.4	1339.0	1758.6	2179.0	2598.7	3018.3	3358.6
0.0	30°	439.7	786.1	1132.6	1479.1	1825.6	2303.0	2780.4	3257.0	3734.4	4106.3
0.0	32.5°	555.2	979.4	1403.7	1827.1	2251.4	2795.0	3339.4	3883.0	4426.6	4833.1
0.0	35°	630.6	1143.4	1657.0	2169.8	2682.6	3270.8	3859.1	4446.6	5034.9	5499.2
0.0	37.5°	706.1	1298.2	1889.5	2481.6	3073.0	3719.0	4365.0	5011.0	5657.0	6230.6
0.0	40°	790.8	1485.3	2179.0	2873.5	3567.3	4332.6	5097.2	5862.6	6627.2	7436.4
0.0	42.5°	937.8	1795.6	2654.1	3511.9	4369.6	5382.1	6394.6	7406.4	8418.9	9573.9
0.0	45°	1214.2	2423.1	3632.7	4841.6	6050.5	7391.7	8733.8	10075.1	11416.4	12953.3
0.0	47.5°	1891.1	3554.2	5216.6	6879.7	8542.1	9990.4	11438.0	12886.3	14333.8	15864.5
0.0	50°	2893.6	4829.3	6765.0	8699.9	10635.6	11946.1	13255.9	14566.4	15876.1	17332.1
0.0	52.5°	3618.9	5635.4	7652.8	9669.3	11685.9	12868.6	14052.0	15234.7	16417.4	17777.9
0.0	55°	3673.5	5678.6	7684.3	9689.4	11694.4	12882.4	14070.5	15258.6	16446.6	17888.8
0.0	57.5°	3252.4	5241.2	7229.3	9218.1	11206.2	12559.0	13911.1	15264.0	16616.0	18175.2
0.0	60°	2766.5	4756.1	6745.0	8734.6	10723.4	12281.9	13841.1	15399.5	16957.9	18418.5
0.0	62.5°	2158.2	4204.8	6252.2	8298.8	10345.4	11927.7	13510.0	15091.5	16673.8	17769.5
0.0	65°	1608.5	3595.8	5583.1	7569.6	9556.9	10824.3	12091.7	13358.3	14625.7	15304.0
0.0	67.5°	1162.7	2876.6	4589.8	6303.8	8017.0	8924.0	9831.0	10737.3	11644.3	12163.3
	70°	786.1	1973.4	3160.0	4347.3	5533.8	6279.1	7025.2	7770.6	8515.9	9216.6
	72.5°	544.4	1211.2	1878.7	2545.5	3212.3	3962.3	4711.5	5461.4	6210.6	6952.1
	75°	361.1	664.5	968.6	1272.0	1575.4	2130.5	2686.4	3241.6	3796.7	4238.7
	77.5°	256.4	347.3	438.9	529.7	620.6	724.5	829.3	933.2	1037.2	1195.0
	80°	121.7	133.2	144.8	155.5	167.1	204.8	242.5	280.3	318.0	358.0
	82.5°	57.7	62.4	67.0	70.8	75.5	79.3	83.2	87.0	90.9	87.0
	85°	15.4	15.4	16.2	16.2	16.2	16.2	16.2	16.2	16.2	15.4
	87.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.2	6.2	5.4
	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°
44.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
321.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
833.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1767.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2726.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3699.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4478.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5240.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5963.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6805.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8245.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10728.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14490.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17395.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18788.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19138.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19331.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19734.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19878.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18865.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15983.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12683.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9916.5											
7693.6											
4680.7											
1352.8											
398.1											
82.4											
14.6											
5.4											
0.0											
0.0											
0.0											
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°	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
0.0	2.5°	50.0	49.3	48.5	47.7	47.0	45.4	45.4	44.7	44.7
0.0	5°	54.7	53.9	53.1	52.4	52.4	51.6	50.8	50.8	50.0
0.0	7.5°	62.4	61.6	60.8	60.1	60.1	59.3	59.3	58.5	58.5
0.0	10°	71.6	71.6	71.6	71.6	71.6	70.8	70.8	70.8	70.1
0.0	12.5°	90.1	90.9	92.4	93.9	96.2	96.2	96.2	95.5	95.5
0.0	15°	142.4	150.9	157.1	163.2	168.6	180.9	179.4	177.1	175.6
0.0	17.5°	360.3	398.8	419.6	439.7	460.4	517.4	508.2	498.9	490.5
0.0	20°	934.0	1034.8	1101.8	1168.8	1236.6	1343.6	1317.4	1291.2	1265.1
0.0	22.5°	1998.1	2229.8	2330.7	2431.6	2531.7	2661.0	2577.1	2493.2	2410.0
0.0	25°	3026.8	3327.8	3498.0	3668.2	3837.5	3911.5	3802.1	3692.0	3582.7
0.0	27.5°	4039.3	4379.6	4529.8	4679.1	4829.3	4984.0	4848.5	4712.2	4576.7
0.0	30°	4850.8	5222.7	5385.2	5546.9	5709.4	5817.2	5677.0	5536.1	5396.0
0.0	32.5°	5647.0	6053.5	6231.4	6409.3	6586.4	6741.1	6568.6	6395.4	6222.9
0.0	35°	6427.0	6891.3	7136.1	7381.0	7625.8	7769.8	7565.0	7359.4	7154.6
0.0	37.5°	7378.7	7952.3	8226.4	8500.5	8774.6	9037.2	8811.6	8585.2	8359.6
0.0	40°	9054.9	9864.1	10284.5	10705.7	11126.1	11464.9	11180.0	10895.1	10610.2
0.0	42.5°	11883.8	13038.7	13643.2	14246.8	14851.3	15380.2	15080.7	14781.2	14481.7
0.0	45°	16027.0	17563.9	18300.7	19036.8	19773.7	20160.2	19729.0	19297.1	18865.9
0.0	47.5°	18925.2	20455.9	21111.9	21767.9	22423.9	22865.1	22337.7	21810.3	21283.6
0.0	50°	20243.4	21699.4	22357.7	23015.3	23673.6	24024.0	23414.9	22805.1	22196.0
0.0	52.5°	20498.2	21858.8	22644.2	23430.3	24215.7	24683.8	23964.7	23244.7	22525.6
0.0	55°	20773.9	22216.1	23126.9	24038.6	24949.5	25597.8	24784.7	23970.8	23157.7
0.0	57.5°	21292.9	22852.1	23760.6	24668.4	25577.0	26127.5	25312.1	24495.9	23680.5
0.0	60°	21339.1	22798.9	23579.7	24361.2	25142.0	25488.4	24708.5	23927.7	23147.7
0.0	62.5°	19961.6	21057.2	21599.3	22141.4	22683.4	23059.9	22246.1	21431.5	20617.6
0.0	65°	16661.5	17339.8	17771.8	18203.7	18635.7	19084.6	18339.2	17593.9	16848.6
0.0	67.5°	13202.0	13720.9	14289.9	14859.0	15428.0	15907.7	15310.9	14713.4	14116.7
	70°	10617.2	11317.1	11956.9	12596.8	13236.6	13629.3	13030.3	12430.5	11831.4
	72.5°	8435.1	9176.5	9710.9	10244.5	10778.9	10875.1	10434.7	9994.3	9554.6
	75°	5121.9	5563.8	5574.6	5584.6	5595.4	5687.0	5322.1	4957.1	4592.9
	77.5°	1510.7	1668.5	1798.7	1928.0	2058.1	2215.2	2081.2	1946.5	1812.5
	80°	437.3	477.4	511.3	544.4	578.3	558.2	526.7	495.1	463.5
	82.5°	78.5	73.9	73.1	72.4	72.4	68.5	62.4	56.2	50.0
	85°	13.9	13.1	12.3	11.5	10.8	10.0	8.5	7.7	6.2
	87.5°	4.6	3.8	3.1	2.3	2.3	0.8	0.8	0.8	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]

REPORT NUMBER: P1048999

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CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
0.0	0.0	2.5°	43.9	43.1	43.1	43.1	43.1	42.3	42.3	42.3	42.3
0.0	0.0	5°	48.5	48.5	47.7	47.7	47.0	47.0	46.2	46.2	45.4
0.0	0.0	7.5°	57.0	56.2	55.4	54.7	53.9	52.4	51.6	50.8	50.8
0.0	0.0	10°	68.5	67.0	66.2	64.7	63.9	62.4	60.8	59.3	57.7
0.0	0.0	12.5°	90.1	87.0	84.7	81.6	78.5	76.2	73.1	70.8	67.8
0.0	0.0	15°	156.3	148.6	140.1	130.1	119.3	109.3	98.6	92.4	85.5
0.0	0.0	17.5°	399.6	359.6	318.8	285.7	252.6	220.2	187.1	163.2	139.4
0.0	0.0	20°	1017.1	906.3	795.4	686.0	575.9	466.6	356.5	301.1	245.6
0.0	0.0	22.5°	1914.2	1708.6	1502.2	1302.8	1102.6	903.2	703.8	578.3	453.5
0.0	0.0	25°	2954.4	2695.7	2437.0	2109.0	1780.2	1452.2	1124.2	920.1	716.1
0.0	0.0	27.5°	3844.5	3546.5	3248.5	2849.7	2450.8	2052.0	1653.1	1349.0	1045.6
0.0	0.0	30°	4615.2	4294.9	3974.6	3510.3	3046.0	2581.7	2117.4	1737.1	1356.7
0.0	0.0	32.5°	5283.6	4900.1	4516.7	4037.7	3558.8	3079.9	2601.0	2134.4	1667.8
0.0	0.0	35°	6054.3	5606.9	5158.8	4627.5	4095.5	3564.2	3032.9	2506.3	1978.8
0.0	0.0	37.5°	7033.7	6484.7	5935.0	5342.8	4750.7	4159.4	3567.3	2965.2	2363.0
0.0	0.0	40°	8908.6	8200.2	7491.8	6739.6	5986.5	5234.3	4482.0	3742.8	3003.7
0.0	0.0	42.5°	12268.0	11310.9	10353.8	9352.9	8351.1	7350.2	6348.4	5305.9	4262.6
0.0	0.0	45°	16059.3	14872.0	13684.0	12560.6	11436.4	10313.0	9189.6	7759.0	6328.4
0.0	0.0	47.5°	18191.4	16909.4	15627.4	14564.1	13500.7	12437.4	11374.1	9831.8	8289.5
0.0	0.0	50°	18976.0	17670.9	16365.8	15387.2	14407.8	13429.1	12449.7	10905.1	9359.8
0.0	0.0	52.5°	19143.1	17811.8	16480.5	15495.7	14510.9	13526.9	12542.1	11007.5	9473.0
0.0	0.0	55°	19486.5	18058.2	16629.1	15506.5	14383.9	13261.3	12138.6	10579.4	9020.2
0.0	0.0	57.5°	19935.4	18470.9	17006.4	15727.5	14448.6	13170.4	11891.5	10186.8	8482.0
0.0	0.0	60°	19817.6	18543.3	17268.2	15898.4	14527.9	13158.1	11787.5	9912.6	8037.0
0.0	0.0	62.5°	17772.5	16757.7	15742.1	14615.6	13488.4	12361.9	11235.5	9305.1	7374.8
0.0	0.0	65°	14621.0	13880.3	13139.6	12233.3	11326.3	10420.1	9513.8	7782.9	6052.8
0.0	0.0	67.5°	11849.9	11015.2	10179.8	9457.6	8734.6	8012.3	7289.3	5927.3	4565.2
		70°	9414.5	8506.7	7598.1	6892.8	6186.7	5481.4	4776.1	3870.7	2965.9
		72.5°	7476.4	6658.0	5839.5	5087.2	4334.2	3581.9	2828.9	2293.8	1758.6
		75°	3573.4	3246.2	2919.0	2525.5	2132.1	1738.6	1345.1	1111.8	879.3
		77.5°	1324.4	1148.0	970.9	810.8	650.6	491.2	331.1	303.4	275.7
		80°	342.6	298.7	254.1	222.5	190.2	158.6	127.0	114.7	103.2
		82.5°	39.3	36.2	33.9	32.3	30.0	28.5	26.2	23.9	21.6
		85°	2.3	1.5	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: P1048999

CATALOG NUMBER: GALN-SA2C-735-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	44.7	44.7
0.0	0.0	2.5°	41.6	40.8
0.0	0.0	5°	43.9	43.1
0.0	0.0	7.5°	48.5	47.0
0.0	0.0	10°	53.1	51.6
0.0	0.0	12.5°	60.1	57.7
0.0	0.0	15°	67.8	63.1
0.0	0.0	17.5°	80.8	70.8
0.0	0.0	20°	109.3	83.9
0.0	0.0	22.5°	154.0	104.7
0.0	0.0	25°	226.4	144.8
0.0	0.0	27.5°	314.9	192.5
0.0	0.0	30°	418.9	241.0
0.0	0.0	32.5°	510.5	287.2
0.0	0.0	35°	629.8	334.2
0.0	0.0	37.5°	776.9	394.2
0.0	0.0	40°	1004.8	485.1
0.0	0.0	42.5°	1415.2	652.9
0.0	0.0	45°	2298.4	1128.8
0.0	0.0	47.5°	3536.5	1867.2
0.0	0.0	50°	4326.5	2383.1
0.0	0.0	52.5°	4391.2	2379.2
0.0	0.0	55°	4008.5	2115.1
0.0	0.0	57.5°	3420.2	1767.9
0.0	0.0	60°	2842.7	1398.3
0.0	0.0	62.5°	2239.9	965.5
0.0	0.0	65°	1637.0	683.0
0.0	0.0	67.5°	1175.8	510.5
		70°	773.1	391.1
		72.5°	503.6	318.8
		75°	338.8	264.1
		77.5°	197.9	175.6
		80°	70.1	61.6
		82.5°	13.1	9.2
		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: P1048999

CATALOG NUMBER: GALN-SA2C-735-U-RBC

CANDELA DISTRIBUTION (continued):

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

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



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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

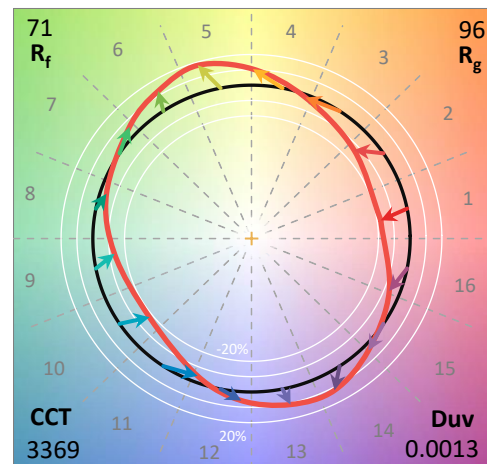
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-5
 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-735-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3369
 CIE u' : 0.2386
 CIE v' : 0.5156
 Duv: 0.0013
 CIE x: 0.4143
 CIE y: 0.3980
 CIE z: 0.1877
 Peak Wavelength (nm): 590
 Dominant Wavelength (nm): 580
 Purity: 43.80166
 R_f: 71.4
 R_g: 96

CRI (Ra): 70.1
 R1: 66.6
 R2: 77.6
 R3: 88.5
 R4: 69.5
 R5: 66.4
 R6: 69.6
 R7: 77.5
 R8: 44.9
 R9: -40.2
 R10: 49.1
 R11: 66.3
 R12: 45.7
 R13: 68.0
 R14: 93.4
 R15: 57.6



Test Conditions

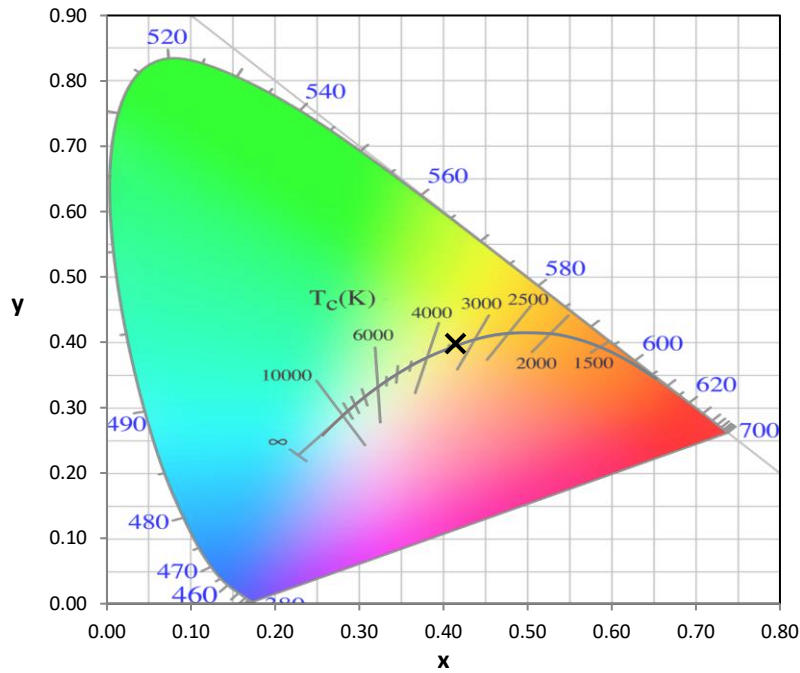
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

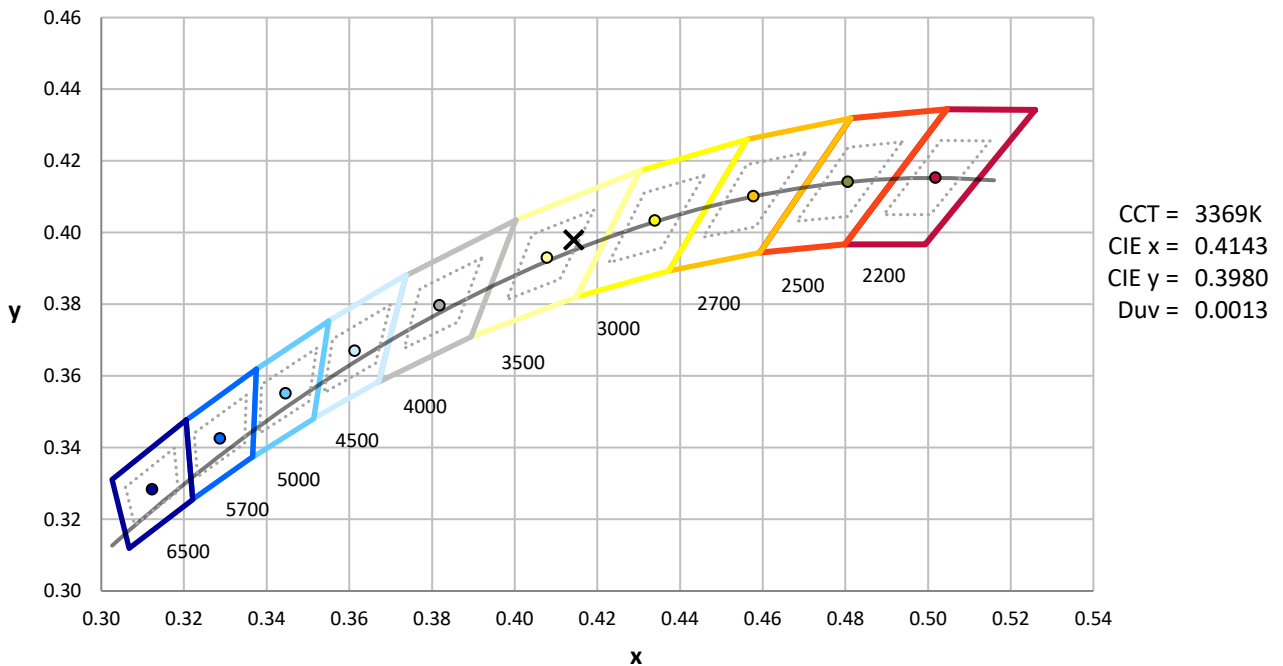
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-5

CIE 1931 Chromaticity Diagram



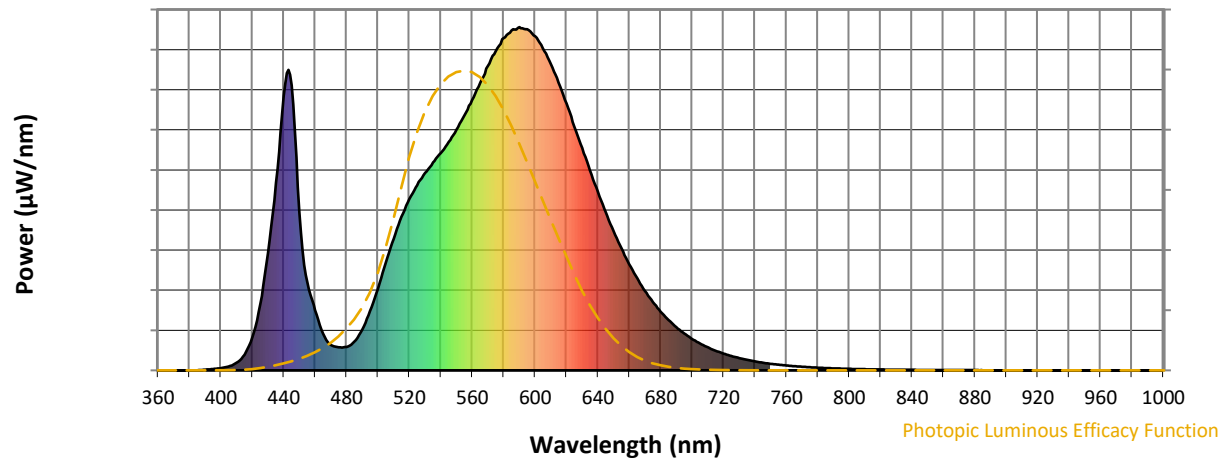
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength

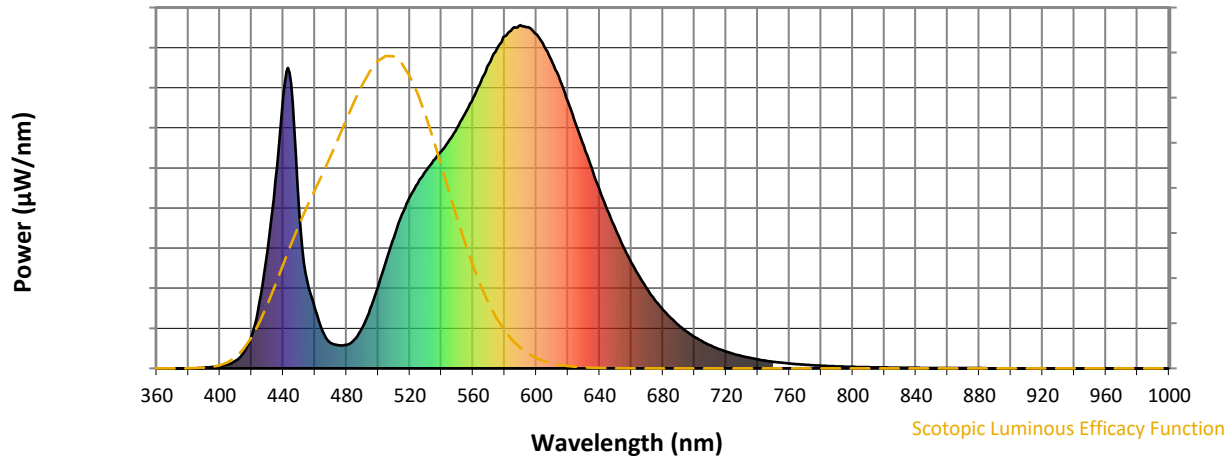


Photopic Lumens: NR

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

Scotopic Flux vs. Wavelength

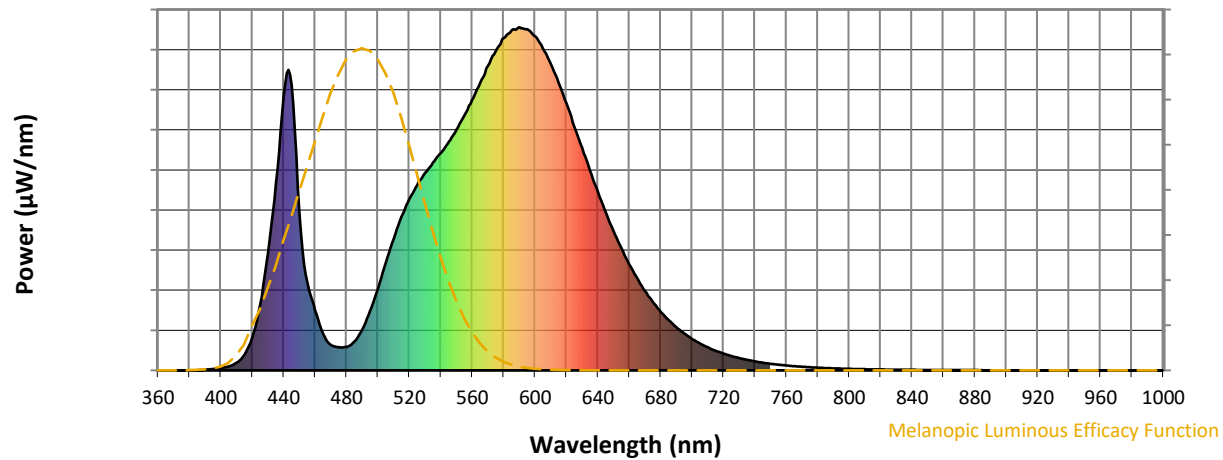


Scotopic Lumens: NR

S/P: 1.29

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Melanopic Flux vs. Wavelength

Melanopic Lumens: NR
M/P: 2.36

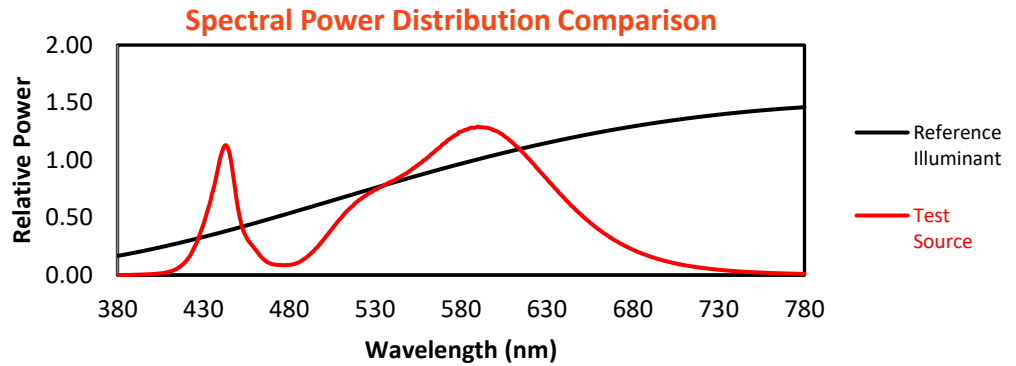
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

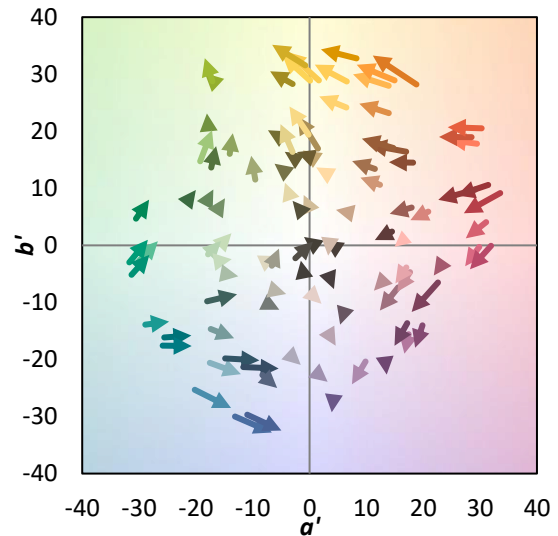
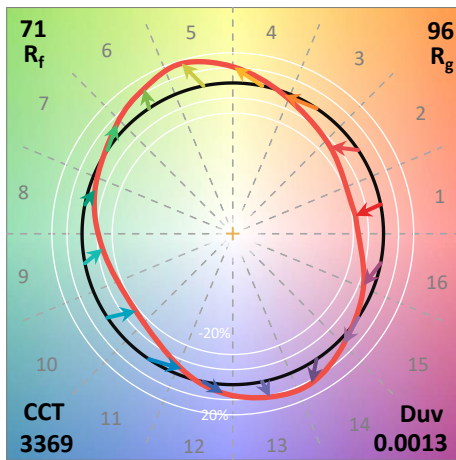
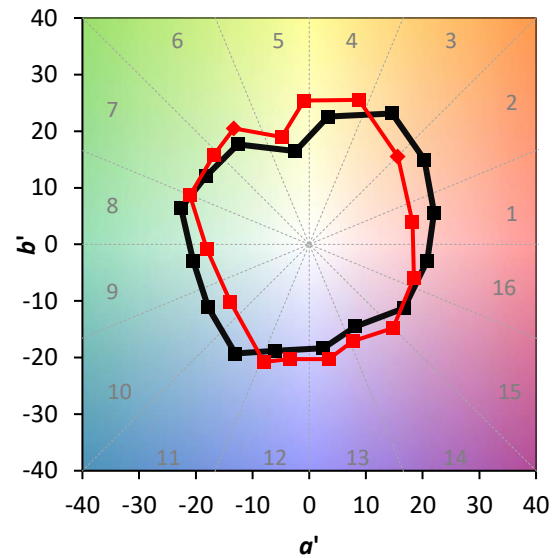
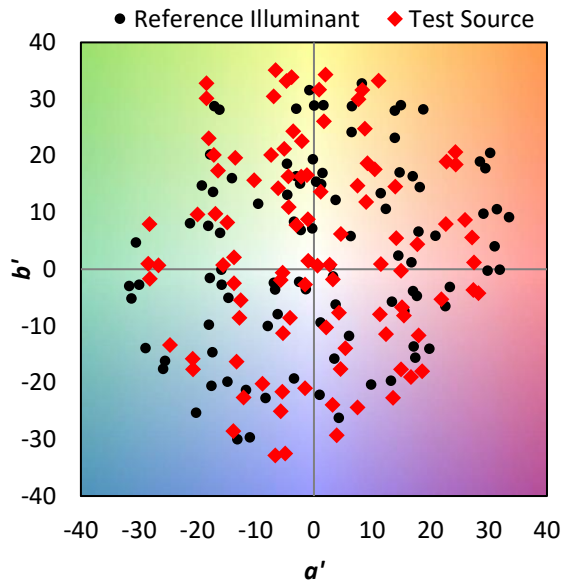
TM-30-18

Summary

$R_f = 71.4$
 $R_g = 96$
 $CIE R_a = 70.1$
 $R_g = -40.2$

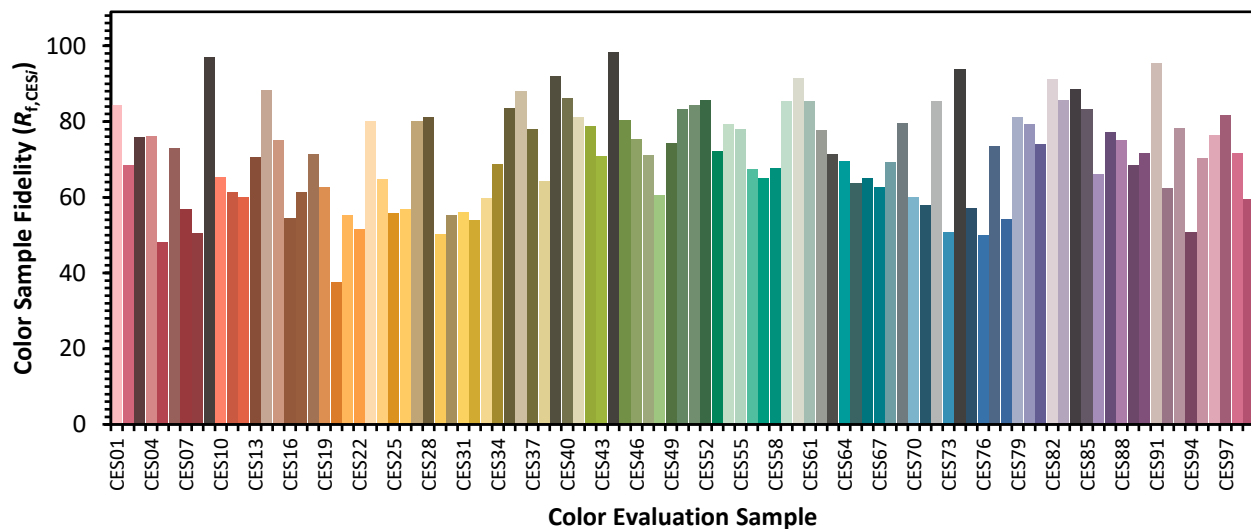


Color Vector Graphics

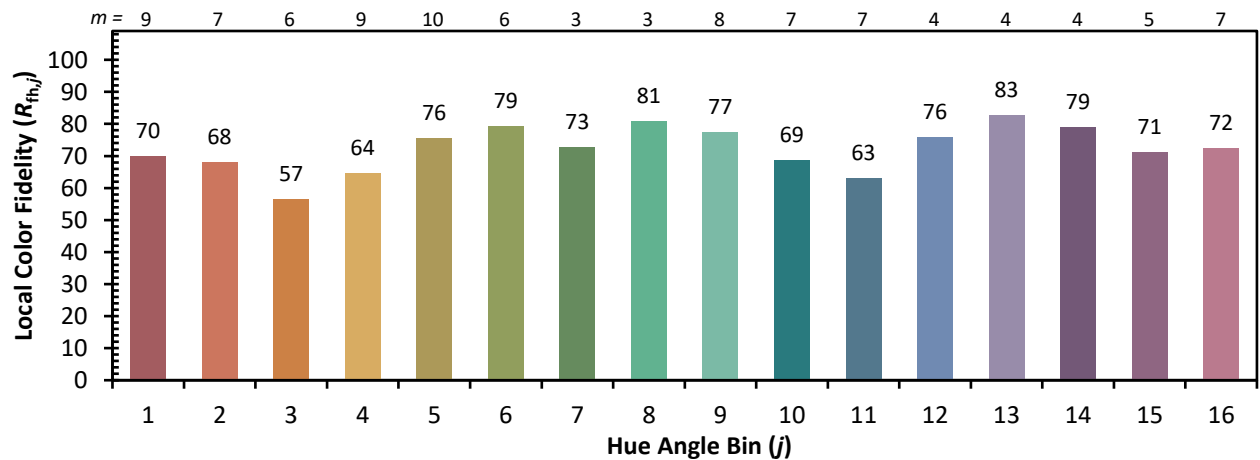
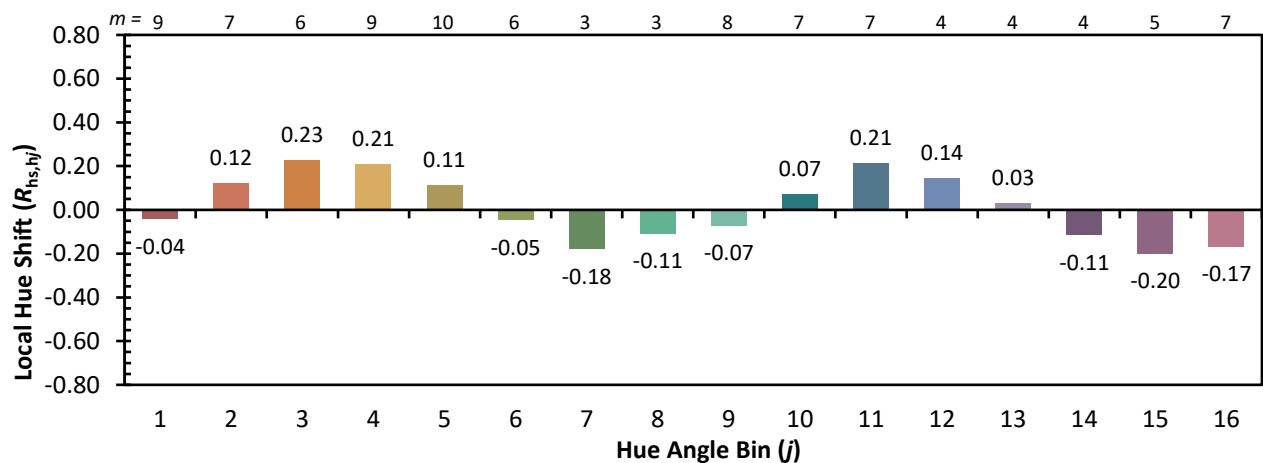
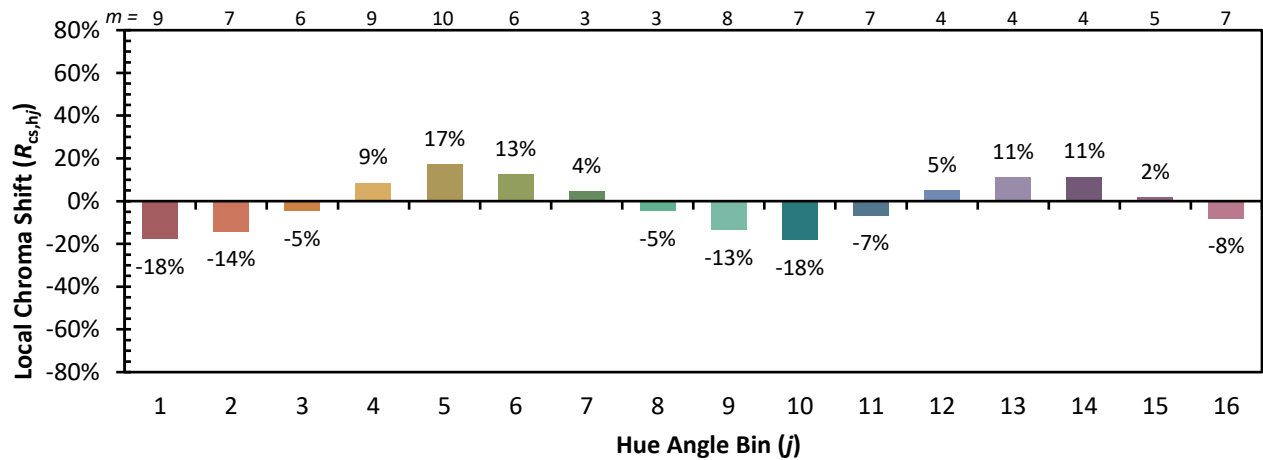


Individual Sample Fidelity Index ($R_{f,i}$)

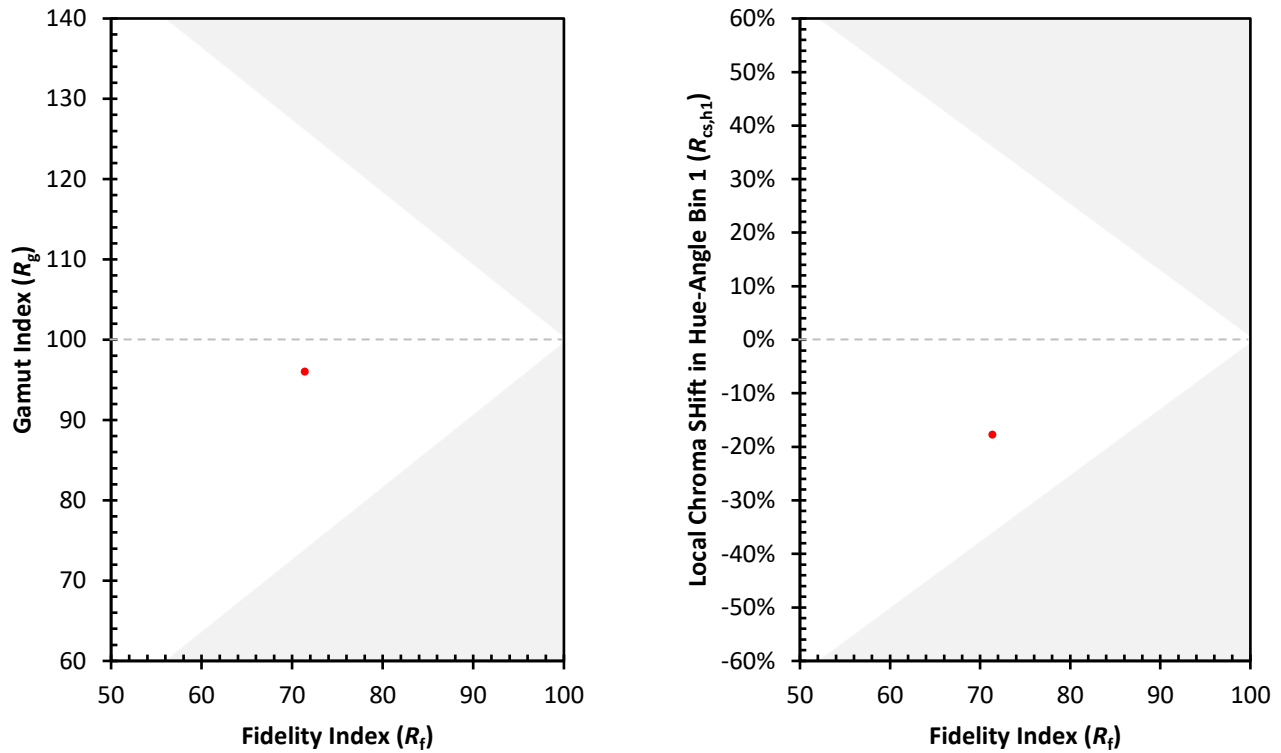
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)