

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: P1049001

Luminaire Tested: **GALN-SA3A-735-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049001
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3A-735-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
70CRI 3500K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (42) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9848.3 lumens
Efficiency: N/A
Efficacy: 121.0 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): 81.4
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

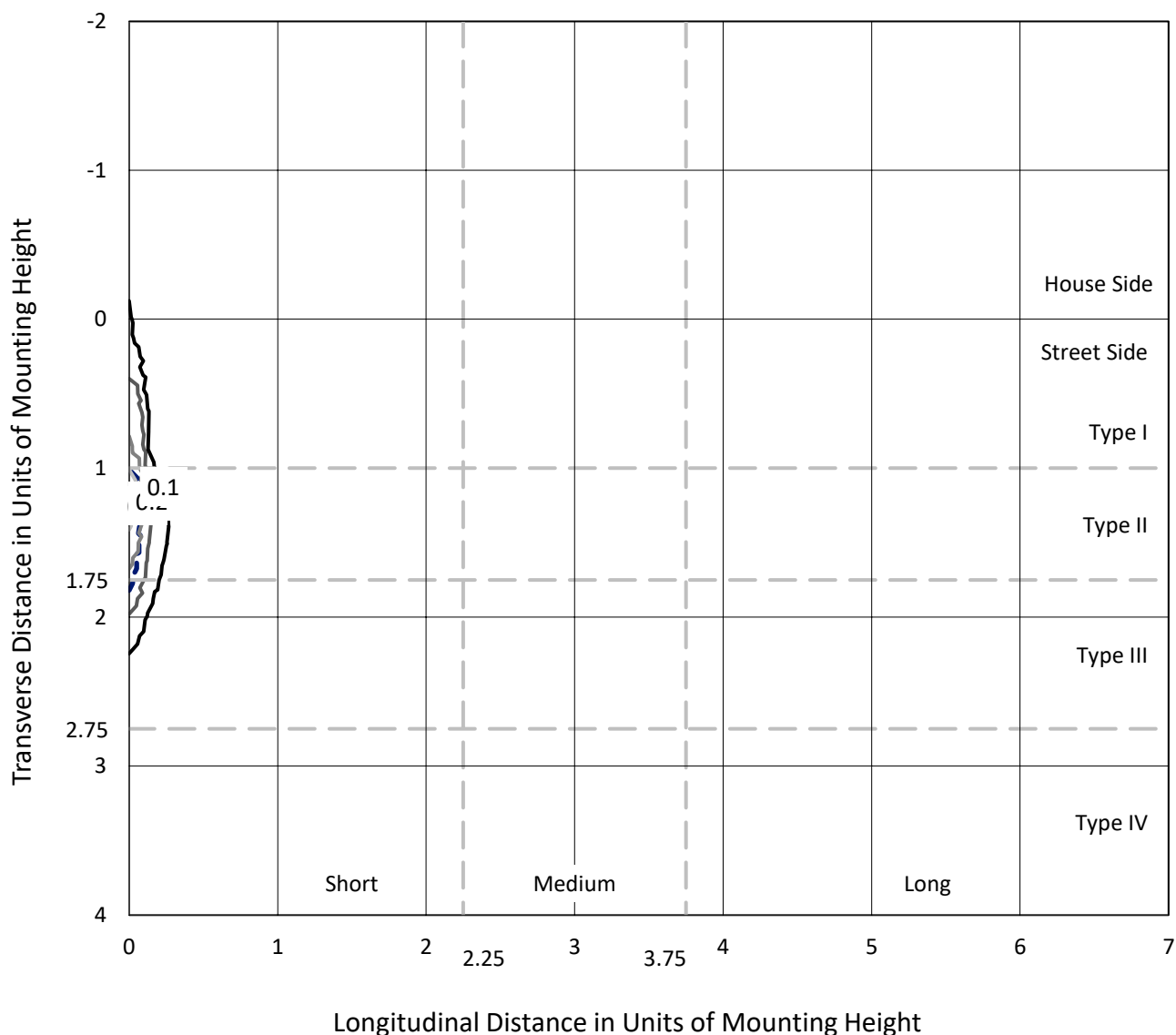
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

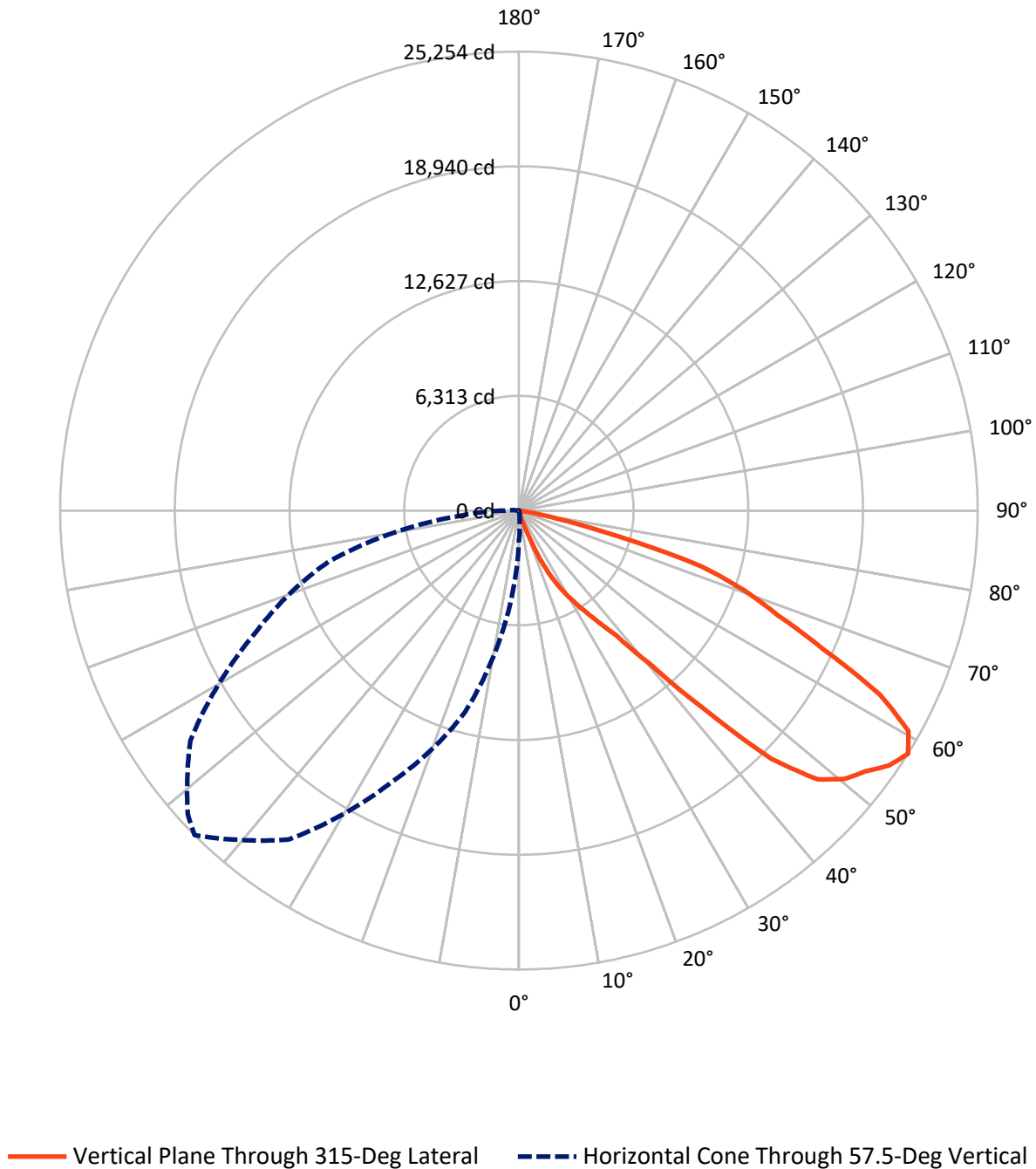


Based on 20 foot mounting height. Maximum calculated value = 1.4 fc

Type III - Short - N/A

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Luminous Intensity Polar Plot



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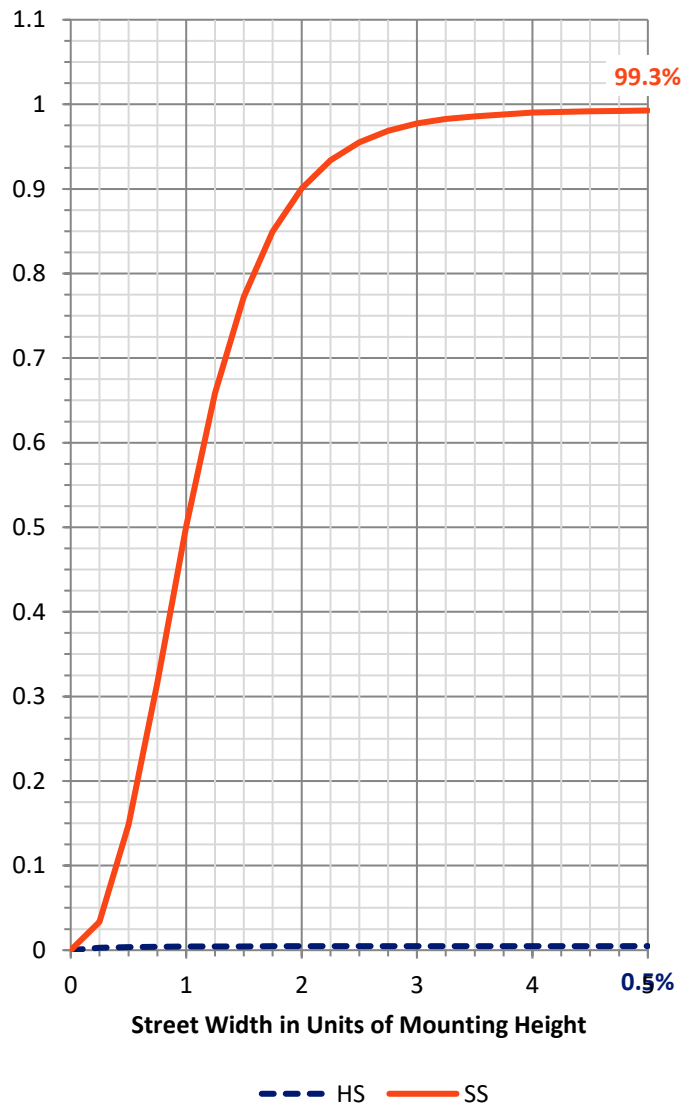
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	49.3	0.0	49.3
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	9799.0	0.0	9799.0
	% Fixture	99.5	0.0	99.5
Total	Lumens	9848.3	0.0	9848.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.9	0.0
10°-20°	21.6	0.2
20°-30°	233.4	2.4
30°-40°	690.2	7.0
40°-50°	2056.9	20.9
50°-60°	3261.5	33.1
60°-70°	2722.6	27.6
70°-80°	839.5	8.5
80°-90°	18.7	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°	9848.3	100.0
0°-180°	9848.3	100.0



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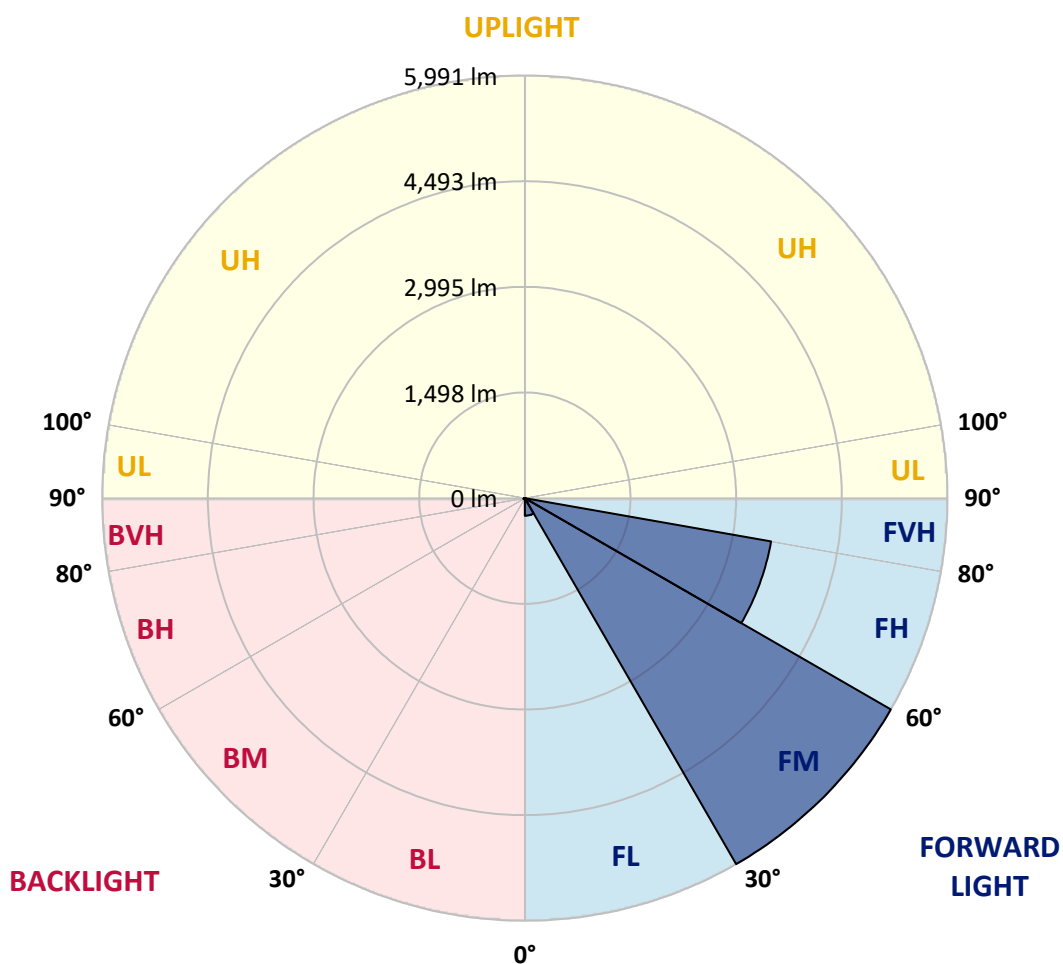
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	249.8	2.5			
FM	(30°-60°)	5991.0	60.8			
FH	(60°-80°)	3543.7	36.0			G2/5000
FVH	(80°-90°)	14.4	0.1			G1/100
BL	(0°-30°)	9.1	0.1	B0/110		
BM	(30°-60°)	17.6	0.2	B0/220		
BH	(60°-80°)	18.4	0.2	B0/110		G0/110
BVH	(80°-90°)	4.2	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
2.5°	39.4	39.4	39.4	39.4	38.7	38.7	38.0	38.0	37.2	37.2
5°	41.7	41.7	40.9	40.2	40.2	39.4	38.7	38.0	38.0	37.2
7.5°	45.4	44.7	43.9	43.2	41.7	40.9	39.4	38.7	38.0	36.5
10°	49.9	48.4	46.9	45.4	43.9	42.4	40.9	40.2	38.7	38.0
12.5°	55.8	53.6	50.6	48.4	46.9	44.7	43.2	41.7	39.4	38.0
15°	61.0	58.0	54.3	51.4	49.1	46.1	43.9	41.7	40.2	38.0
17.5°	68.5	63.3	57.3	53.6	50.6	46.9	43.2	40.9	38.7	35.7
20°	81.1	70.7	59.5	55.1	50.6	46.1	41.7	38.7	36.5	33.5
22.5°	101.2	83.4	65.5	58.8	52.8	46.1	40.2	37.2	34.2	31.3
25°	139.9	107.9	75.9	67.0	58.0	49.1	40.2	36.5	33.5	29.8
27.5°	186.1	138.4	90.1	77.4	65.5	52.8	40.2	35.7	32.0	27.5
30°	232.9	169.7	105.7	89.3	72.9	56.6	40.2	35.0	30.5	25.3
32.5°	277.6	198.7	119.1	99.7	80.4	60.3	40.9	35.0	29.0	23.1
35°	323.0	222.5	121.3	101.2	81.1	60.3	40.2	33.5	27.5	20.8
37.5°	381.0	249.3	116.8	96.7	77.4	57.3	38.0	32.0	26.0	19.3
40°	468.9	294.0	119.1	98.2	77.4	56.6	35.7	29.8	24.6	18.6
42.5°	631.1	380.3	128.8	104.9	81.1	56.6	32.7	27.5	23.1	17.9
45°	1091.0	631.8	172.7	136.9	101.2	65.5	29.8	25.3	21.6	17.1
47.5°	1804.7	1057.5	310.3	239.6	169.7	99.0	29.0	25.3	21.6	17.1
50°	2303.4	1347.0	390.7	300.7	210.6	120.6	30.5	26.0	22.3	17.9
52.5°	2299.7	1367.9	435.4	334.2	233.7	132.5	32.0	27.5	23.8	19.3
55°	2044.4	1244.3	443.6	340.9	238.9	136.2	34.2	29.8	25.3	20.8
57.5°	1708.7	1056.8	404.9	313.3	222.5	131.0	39.4	34.2	29.8	24.6
60°	1351.5	833.5	315.6	249.3	183.8	117.6	52.1	45.4	39.4	32.7
62.5°	933.3	604.3	275.4	221.0	167.5	113.1	59.5	52.8	46.9	40.2
65°	660.1	454.7	248.6	202.4	157.0	110.9	64.7	57.3	50.6	43.2
67.5°	493.4	361.7	229.2	189.8	150.3	110.9	71.4	62.5	54.3	45.4
70°	378.1	296.9	215.1	183.1	151.8	119.8	87.8	75.2	63.3	50.6
72.5°	308.1	253.8	198.7	175.6	152.6	129.5	106.4	90.1	73.7	56.6
75°	255.3	217.3	179.4	160.0	141.4	122.1	102.7	87.8	73.7	58.8
77.5°	169.7	154.8	139.2	128.0	116.8	104.9	93.8	81.1	69.2	56.6
80°	59.5	57.3	55.1	59.5	64.0	68.5	72.9	64.0	55.8	46.9
82.5°	8.9	8.2	7.4	8.2	8.9	9.7	10.4	11.2	11.9	12.7
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°	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
0.0	2.5°	36.5	36.5	35.7	35.7	35.7	35.0	35.0	34.2	34.2	34.2
0.0	5°	35.7	35.7	35.0	34.2	33.5	33.5	32.7	32.0	32.0	31.3
0.0	7.5°	35.0	34.2	33.5	32.7	32.0	31.3	30.5	29.8	29.8	29.0
0.0	10°	35.7	34.2	33.5	32.0	31.3	30.5	29.0	28.3	27.5	27.5
0.0	12.5°	34.2	33.5	32.0	30.5	29.8	28.3	27.5	26.0	25.3	25.3
0.0	15°	34.2	32.7	30.5	29.0	27.5	26.8	25.3	23.8	23.1	22.3
0.0	17.5°	32.0	30.5	28.3	26.8	25.3	23.8	22.3	20.8	20.1	19.3
0.0	20°	29.0	27.5	25.3	23.1	21.6	20.1	18.6	17.1	16.4	15.6
0.0	22.5°	26.0	24.6	22.3	20.1	18.6	17.1	14.9	13.4	12.7	11.2
0.0	25°	24.6	22.3	20.1	17.9	15.6	14.1	11.9	9.7	8.2	6.7
0.0	27.5°	20.8	18.6	16.4	14.1	11.9	9.7	7.4	5.2	3.7	3.0
0.0	30°	17.9	15.6	13.4	11.2	8.2	6.0	3.7	0.7	0.7	0.7
0.0	32.5°	14.9	12.7	9.7	7.4	6.0	3.7	2.2	0.0	0.0	0.0
0.0	35°	11.9	9.7	6.7	4.5	3.7	2.2	1.5	0.0	0.0	0.0
0.0	37.5°	10.4	8.2	5.2	2.2	1.5	1.5	0.7	0.0	0.0	0.0
0.0	40°	9.7	6.7	3.7	0.7	0.7	0.7	0.0	0.0	0.0	0.0
0.0	42.5°	9.7	6.7	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	9.7	6.7	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	9.7	6.7	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	10.4	7.4	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	11.9	8.9	6.0	3.0	2.2	1.5	0.7	0.0	0.0	0.0
0.0	55°	14.9	13.4	11.2	9.7	7.4	5.2	2.2	0.0	0.0	0.0
0.0	57.5°	19.3	19.3	18.6	17.9	13.4	8.9	4.5	0.0	0.0	0.0
0.0	60°	26.0	26.0	26.0	26.0	19.3	13.4	6.7	0.0	0.0	0.0
0.0	62.5°	32.0	30.5	28.3	26.8	20.1	13.4	6.7	0.0	0.0	0.0
0.0	65°	32.0	29.0	25.3	21.6	16.4	11.2	5.2	0.0	0.0	0.0
0.0	67.5°	29.8	23.8	17.1	11.2	8.2	6.0	3.0	0.0	0.0	0.0
	70°	29.8	20.8	11.9	3.0	2.2	1.5	0.7	0.0	0.0	0.0
	72.5°	29.8	20.1	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	32.7	22.3	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	32.7	22.3	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	29.0	19.3	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	9.7	6.7	3.0	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]

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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°	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
0.0	2.5°	33.5	33.5	33.5	32.7	32.7	32.7	32.7	32.0	32.0	32.0
0.0	5°	30.5	30.5	29.8	29.8	29.0	29.0	28.3	28.3	27.5	27.5
0.0	7.5°	28.3	27.5	27.5	26.8	26.0	26.0	25.3	25.3	24.6	23.8
0.0	10°	26.0	25.3	25.3	24.6	23.8	23.1	23.1	22.3	21.6	20.8
0.0	12.5°	23.8	23.1	22.3	21.6	20.8	20.1	20.1	19.3	18.6	17.9
0.0	15°	20.8	20.1	19.3	18.6	17.9	17.1	17.1	16.4	15.6	14.9
0.0	17.5°	17.9	17.1	17.1	16.4	15.6	14.9	14.1	12.7	11.9	11.2
0.0	20°	13.4	12.7	11.9	11.2	10.4	8.9	8.2	6.7	5.2	4.5
0.0	22.5°	8.9	7.4	6.7	5.2	3.7	3.0	2.2	0.7	0.0	0.0
0.0	25°	3.0	2.2	1.5	0.7	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

CATALOG NUMBER: GALN-SA3A-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049001

CATALOG NUMBER: GALN-SA3A-735-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
0.0	2.5°	31.3	31.3	31.3	30.5	30.5	30.5	30.5	30.5	30.5	30.5
0.0	5°	26.8	26.8	26.8	26.0	26.0	25.3	25.3	25.3	24.6	24.6
0.0	7.5°	23.1	22.3	22.3	21.6	21.6	20.8	20.8	20.8	20.1	20.1
0.0	10°	19.3	18.6	18.6	17.9	17.9	17.1	17.1	16.4	16.4	15.6
0.0	12.5°	17.1	16.4	15.6	14.9	14.9	14.1	13.4	13.4	12.7	11.9
0.0	15°	13.4	12.7	11.9	11.2	10.4	9.7	8.9	8.9	8.2	7.4
0.0	17.5°	8.9	7.4	6.7	6.0	6.0	5.2	4.5	3.7	3.0	2.2
0.0	20°	2.2	1.5	0.7	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: P1049001

CATALOG NUMBER: GALN-SA3A-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049001

CATALOG NUMBER: GALN-SA3A-735-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°	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
0.0	2.5°	30.5	29.8	29.8	29.8	30.5	30.5	30.5	30.5	30.5	30.5
0.0	5°	24.6	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
0.0	7.5°	20.1	19.3	19.3	19.3	19.3	18.6	18.6	18.6	18.6	18.6
0.0	10°	15.6	14.9	14.9	14.9	14.9	14.1	14.1	14.1	14.1	14.1
0.0	12.5°	11.2	11.2	10.4	10.4	10.4	9.7	9.7	9.7	9.7	8.9
0.0	15°	6.7	6.0	5.2	5.2	5.2	4.5	4.5	4.5	4.5	3.7
0.0	17.5°	1.5	1.5	0.7	0.7	0.7	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):

[illegible]

REPORT NUMBER: P1049001

CATALOG NUMBER: GALN-SA3A-735-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
0.0	2.5°	31.3	31.3	32.0	32.0	32.7	34.2	35.0	35.7	37.2	38.7
0.0	5°	24.6	25.3	25.3	26.0	26.8	27.5	28.3	29.0	30.5	32.0
0.0	7.5°	19.3	19.3	20.1	20.1	20.8	22.3	23.1	23.8	25.3	27.5
0.0	10°	14.9	14.9	15.6	15.6	16.4	17.9	18.6	19.3	20.8	23.1
0.0	12.5°	9.7	10.4	10.4	11.2	11.9	13.4	14.1	14.9	16.4	17.9
0.0	15°	4.5	5.2	5.2	6.0	6.7	8.2	8.9	9.7	11.2	13.4
0.0	17.5°	0.7	0.7	1.5	1.5	2.2	3.0	3.7	4.5	6.7	8.2
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049001

CATALOG NUMBER: GALN-SA3A-735-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°	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
0.0	2.5°	40.9	42.4	43.9	45.4	46.9	48.4	49.1	50.6	51.4	52.1
0.0	5°	35.0	36.5	38.7	40.2	41.7	43.2	44.7	45.4	46.1	46.9
0.0	7.5°	30.5	32.0	34.2	35.7	37.2	38.7	40.2	41.7	42.4	43.2
0.0	10°	26.0	28.3	29.8	32.0	33.5	35.0	36.5	38.0	39.4	40.2
0.0	12.5°	20.8	23.1	25.3	26.8	29.0	31.3	32.7	34.2	35.7	37.2
0.0	15°	16.4	18.6	20.8	22.3	24.6	26.8	29.0	30.5	32.0	33.5
0.0	17.5°	11.9	14.1	16.4	17.9	20.1	22.3	23.8	26.0	27.5	29.0
0.0	20°	6.0	8.2	10.4	12.7	14.9	17.1	18.6	20.8	22.3	23.8
0.0	22.5°	0.7	3.0	5.2	6.7	8.9	11.2	12.7	14.9	16.4	17.9
0.0	25°	0.0	0.7	2.2	3.0	3.7	5.2	6.7	8.2	9.7	11.2
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.7	1.5	3.0	4.5	6.0
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	0.7
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	1.5
	85°	0.0	0.0	0.0	0.0	0.0	1.5	2.2	3.7	4.5	5.2
	87.5°	0.0	0.7	1.5	2.2	3.0	4.5	6.0	7.4	8.2	8.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049001

CATALOG NUMBER: GALN-SA3A-735-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
43.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	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											
0.7											
3.0											
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REPORT NUMBER: P1049001

CATALOG NUMBER: GALN-SA3A-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°	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
0.0	2.5°	52.8	52.8	52.8	52.8	52.1	52.1	52.1	51.4	51.4	50.6
0.0	5°	48.4	49.1	49.1	49.1	49.1	49.1	49.1	49.1	48.4	48.4
0.0	7.5°	44.7	45.4	46.1	46.1	46.9	46.9	46.9	46.1	46.1	45.4
0.0	10°	42.4	43.2	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9
0.0	12.5°	39.4	40.2	40.9	40.9	41.7	41.7	41.7	41.7	40.9	40.9
0.0	15°	35.7	37.2	38.0	38.7	38.7	39.4	39.4	39.4	39.4	39.4
0.0	17.5°	32.7	34.2	35.0	35.7	35.7	36.5	36.5	37.2	37.2	37.2
0.0	20°	26.8	28.3	29.0	30.5	31.3	32.0	32.7	33.5	33.5	34.2
0.0	22.5°	20.8	22.3	23.1	24.6	25.3	26.0	26.8	27.5	28.3	29.0
0.0	25°	14.9	16.4	17.1	18.6	19.3	20.1	20.8	21.6	21.6	22.3
0.0	27.5°	8.2	9.7	11.2	11.9	13.4	14.1	14.9	15.6	16.4	17.1
0.0	30°	3.7	4.5	5.2	6.7	7.4	8.2	8.9	10.4	11.2	11.9
0.0	32.5°	0.0	0.0	0.7	2.2	3.0	3.7	4.5	5.2	5.2	6.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.5	2.2	3.0
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°	1.5	1.5	1.5	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	82.5°	3.7	4.5	5.2	5.2	6.0	6.0	6.0	6.0	5.2	5.2
	85°	7.4	8.2	8.9	8.9	9.7	9.7	9.7	9.7	9.7	9.7
	87.5°	10.4	11.2	11.9	11.9	12.7	12.7	12.7	12.7	12.7	12.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049001

CATALOG NUMBER: GALN-SA3A-735-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
43.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.4	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
43.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.5	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
0.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	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											
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REPORT NUMBER: P1049001

CATALOG NUMBER: GALN-SA3A-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°	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
0.0	2.5°	49.9	49.9	49.1	49.1	49.1	49.1	49.1	49.9	50.6	50.6
0.0	5°	47.6	47.6	46.9	46.9	46.9	47.6	47.6	48.4	49.1	49.9
0.0	7.5°	45.4	44.7	44.7	45.4	45.4	46.1	46.1	46.9	47.6	48.4
0.0	10°	43.9	43.2	43.2	43.2	43.9	43.9	44.7	45.4	46.1	46.9
0.0	12.5°	40.9	40.9	40.9	40.9	41.7	41.7	42.4	43.2	44.7	45.4
0.0	15°	39.4	38.7	38.7	38.7	38.7	39.4	39.4	40.9	42.4	43.2
0.0	17.5°	36.5	36.5	35.7	35.7	36.5	36.5	37.2	38.7	40.2	40.9
0.0	20°	33.5	32.7	32.0	32.0	32.7	32.7	33.5	35.0	36.5	37.2
0.0	22.5°	29.0	28.3	28.3	28.3	28.3	29.0	29.0	30.5	32.7	34.2
0.0	25°	23.1	23.8	23.8	24.6	24.6	25.3	26.0	27.5	29.8	31.3
0.0	27.5°	17.9	18.6	18.6	20.1	20.8	21.6	22.3	24.6	26.8	28.3
0.0	30°	13.4	14.1	14.9	15.6	17.1	18.6	20.1	22.3	24.6	26.0
0.0	32.5°	8.2	9.7	10.4	11.9	13.4	14.9	16.4	18.6	21.6	23.8
0.0	35°	6.0	6.7	8.2	8.9	10.4	11.9	13.4	16.4	18.6	21.6
0.0	37.5°	3.0	4.5	6.0	7.4	8.9	10.4	11.9	14.9	17.9	20.1
0.0	40°	2.2	3.7	4.5	6.0	8.2	9.7	11.2	14.1	17.1	20.1
0.0	42.5°	1.5	2.2	3.0	5.2	6.7	8.9	11.2	14.1	17.1	20.1
0.0	45°	1.5	1.5	2.2	4.5	6.7	9.7	11.9	14.9	17.1	20.1
0.0	47.5°	1.5	2.2	3.0	6.0	7.4	9.7	11.9	14.1	17.1	19.3
0.0	50°	2.2	3.0	3.7	6.7	8.2	10.4	11.9	14.9	17.1	20.1
0.0	52.5°	1.5	2.2	3.0	6.0	8.2	11.2	13.4	16.4	19.3	21.6
0.0	55°	0.7	0.7	0.7	4.5	8.9	12.7	17.1	19.3	22.3	24.6
0.0	57.5°	0.0	0.0	0.0	3.0	8.9	14.1	19.3	22.3	25.3	27.5
0.0	60°	0.0	0.0	0.0	3.0	8.9	14.1	19.3	23.1	26.8	30.5
0.0	62.5°	0.0	0.0	0.0	3.0	7.4	11.9	16.4	22.3	29.0	35.0
0.0	65°	0.0	0.0	0.0	2.2	6.0	9.7	13.4	22.3	31.3	39.4
0.0	67.5°	0.0	0.0	0.0	2.2	6.0	8.9	12.7	22.3	31.3	40.9
	70°	0.0	0.0	0.0	2.2	6.0	9.7	13.4	22.3	31.3	40.2
	72.5°	0.0	0.0	0.0	2.2	6.7	10.4	14.9	22.3	29.8	37.2
	75°	0.0	0.0	0.0	3.0	6.7	11.2	15.6	22.3	29.0	35.0
	77.5°	0.0	0.0	0.0	2.2	6.7	10.4	14.9	21.6	28.3	34.2
	80°	2.2	1.5	1.5	3.7	6.7	9.7	12.7	19.3	26.8	33.5
	82.5°	4.5	4.5	3.7	5.2	6.7	8.9	11.2	17.1	23.8	29.8
	85°	8.9	8.9	8.2	8.9	8.9	9.7	10.4	13.4	16.4	19.3
	87.5°	11.9	11.9	11.2	11.2	11.2	10.4	10.4	10.4	10.4	9.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049001

CATALOG NUMBER: GALN-SA3A-735-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
43.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.1											
44.7											
41.7											
40.9											
40.2											
35.7											
22.3											
9.7											
0.0											
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REPORT NUMBER: P1049001

CATALOG NUMBER: GALN-SA3A-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°	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
0.0	2.5°	52.1	52.8	52.8	53.6	54.3	55.1	55.1	55.8	55.8	55.8
0.0	5°	51.4	52.8	53.6	54.3	55.1	55.8	56.6	57.3	58.0	58.0
0.0	7.5°	50.6	51.4	52.8	53.6	55.1	55.8	57.3	58.0	58.8	59.5
0.0	10°	49.1	50.6	52.1	53.6	55.1	56.6	58.0	59.5	61.0	61.8
0.0	12.5°	47.6	49.9	51.4	52.8	55.1	57.3	58.8	61.0	62.5	64.0
0.0	15°	46.9	48.4	50.6	52.1	55.1	58.0	60.3	63.3	66.2	68.5
0.0	17.5°	44.7	47.6	49.9	52.1	55.1	58.8	61.8	64.7	69.2	73.7
0.0	20°	41.7	43.9	46.9	49.1	53.6	57.3	61.8	65.5	72.2	78.9
0.0	22.5°	38.7	41.7	43.9	46.9	52.1	56.6	61.8	66.2	77.4	87.8
0.0	25°	35.7	39.4	42.4	45.4	51.4	57.3	63.3	69.2	87.8	106.4
0.0	27.5°	34.2	37.2	40.9	43.9	51.4	59.5	67.0	74.4	104.2	133.2
0.0	30°	32.0	35.7	38.7	42.4	52.1	61.8	71.4	81.1	126.5	171.9
0.0	32.5°	29.8	33.5	37.2	40.9	53.6	66.2	78.1	90.8	150.3	209.1
0.0	35°	27.5	32.0	35.7	39.4	55.8	72.9	89.3	105.7	171.9	237.4
0.0	37.5°	26.8	31.3	35.0	38.7	56.6	73.7	91.5	108.7	174.1	239.6
0.0	40°	27.5	31.3	35.7	39.4	54.3	69.2	83.4	98.2	166.7	234.4
0.0	42.5°	27.5	32.0	36.5	40.9	52.8	64.7	76.7	88.6	164.5	240.4
0.0	45°	26.8	31.3	35.7	40.2	51.4	61.8	72.9	83.4	177.9	271.6
0.0	47.5°	26.0	30.5	35.0	39.4	50.6	61.8	72.9	84.1	230.0	375.1
0.0	50°	26.0	30.5	34.2	38.0	51.4	65.5	78.9	92.3	334.9	576.8
0.0	52.5°	27.5	31.3	34.2	37.2	52.8	69.2	84.8	100.5	425.7	750.2
0.0	55°	29.8	32.0	35.0	37.2	56.6	75.2	94.5	113.1	453.2	793.3
0.0	57.5°	32.7	35.0	37.2	39.4	63.3	87.1	110.1	134.0	455.5	776.2
0.0	60°	36.5	39.4	41.7	43.9	69.2	95.3	120.6	145.9	412.3	678.0
0.0	62.5°	44.7	48.4	51.4	55.1	79.6	103.4	128.0	151.8	342.3	532.9
0.0	65°	51.4	54.3	57.3	60.3	84.1	108.7	132.5	156.3	290.2	424.2
0.0	67.5°	52.8	55.8	58.0	61.0	85.6	110.1	134.0	158.5	248.6	337.9
	70°	53.6	57.3	61.8	65.5	90.8	116.1	140.7	166.0	220.3	274.6
	72.5°	51.4	58.8	65.5	72.2	96.0	119.1	142.9	166.0	204.7	243.4
	75°	51.4	61.8	71.4	81.1	99.0	116.1	134.0	151.1	180.8	210.6
	77.5°	54.3	67.7	81.1	94.5	104.9	114.6	125.0	134.7	154.1	173.4
	80°	54.3	68.5	81.9	96.0	100.5	105.7	110.1	114.6	116.8	119.1
	82.5°	46.9	58.0	69.2	80.4	75.2	70.0	64.7	59.5	55.8	51.4
	85°	23.8	26.0	27.5	29.0	26.8	24.6	22.3	20.1	18.6	16.4
	87.5°	9.7	9.7	8.9	8.9	8.9	8.9	8.2	8.2	8.2	8.2
	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: P1049001

CATALOG NUMBER: GALN-SA3A-735-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
43.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
220.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
298.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
372.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
423.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
461.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
499.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
573.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
722.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1101.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1687.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2124.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2172.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1676.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1309.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
989.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
730.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
517.2											
384.8											
279.8											
210.6											
118.3											
53.6											
15.6											
7.4											
0.0											
0.0											
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REPORT NUMBER: P1049001

CATALOG NUMBER: GALN-SA3A-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°	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
0.0	2.5°	55.8	55.1	55.1	54.3	53.6	52.8	52.1	51.4	50.6	49.9
0.0	5°	58.0	58.0	58.0	57.3	57.3	56.6	56.6	55.8	55.1	54.3
0.0	7.5°	60.3	61.0	61.0	61.8	61.8	61.8	61.8	61.0	61.0	61.0
0.0	10°	64.0	64.7	65.5	66.2	67.0	67.7	67.7	68.5	68.5	68.5
0.0	12.5°	68.5	70.7	72.2	74.4	75.9	78.1	79.6	81.9	83.4	84.8
0.0	15°	75.2	78.9	83.4	87.1	90.8	96.0	102.0	107.2	112.4	120.6
0.0	17.5°	84.8	96.7	108.7	119.8	131.7	157.8	183.8	209.1	235.2	273.1
0.0	20°	103.4	139.2	174.1	209.9	244.9	336.4	427.2	518.7	609.5	707.0
0.0	22.5°	145.1	232.9	320.8	408.6	496.4	687.7	878.2	1069.5	1260.0	1484.0
0.0	25°	210.6	372.1	533.6	694.4	855.9	1155.0	1455.0	1754.1	2053.3	2344.3
0.0	27.5°	306.6	553.7	800.8	1047.1	1294.2	1699.8	2106.2	2511.8	2917.4	3246.3
0.0	30°	425.0	759.9	1094.8	1429.7	1764.6	2226.0	2687.4	3148.1	3609.5	3969.0
0.0	32.5°	536.6	946.7	1356.7	1766.0	2176.1	2701.5	3227.7	3753.1	4278.6	4671.5
0.0	35°	609.5	1105.2	1601.6	2097.2	2592.9	3161.5	3730.1	4297.9	4866.5	5315.3
0.0	37.5°	682.5	1254.8	1826.3	2398.6	2970.2	3594.6	4219.0	4843.4	5467.8	6022.3
0.0	40°	764.3	1435.6	2106.2	2777.5	3448.0	4187.8	4926.8	5666.5	6405.6	7187.7
0.0	42.5°	906.5	1735.5	2565.3	3394.4	4223.5	5202.1	6180.8	7158.7	8137.4	9253.7
0.0	45°	1173.6	2342.1	3511.3	4679.7	5848.1	7144.6	8441.8	9738.2	11034.6	12520.1
0.0	47.5°	1827.8	3435.3	5042.1	6649.7	8256.4	9656.3	11055.5	12455.4	13854.5	15334.0
0.0	50°	2796.8	4667.8	6538.8	8409.0	10280.0	11546.7	12812.6	14079.3	15345.2	16752.5
0.0	52.5°	3497.9	5447.0	7396.9	9346.0	11295.1	12438.3	13582.1	14725.3	15868.4	17183.4
0.0	55°	3550.7	5488.7	7427.4	9365.3	11303.3	12451.6	13600.0	14748.3	15896.7	17290.6
0.0	57.5°	3143.6	5065.9	6987.5	8909.9	10831.5	12139.1	13445.9	14753.5	16060.4	17567.5
0.0	60°	2674.0	4597.1	6519.4	8442.5	10364.8	11871.2	13378.2	14884.5	16390.8	17802.6
0.0	62.5°	2086.1	4064.2	6043.1	8021.3	9999.4	11528.8	13058.2	14586.8	16116.2	17175.3
0.0	65°	1554.7	3475.5	5396.4	7316.5	9237.3	10462.3	11687.3	12911.6	14136.6	14792.2
0.0	67.5°	1123.8	2780.4	4436.3	6093.0	7748.9	8625.6	9502.3	10378.2	11254.9	11756.5
	70°	759.9	1907.5	3054.3	4201.9	5348.8	6069.2	6790.3	7510.7	8231.1	8908.4
	72.5°	526.2	1170.7	1815.9	2460.4	3104.9	3829.8	4553.9	5278.8	6002.9	6719.6
	75°	349.0	642.3	936.2	1229.5	1522.7	2059.3	2596.6	3133.2	3669.8	4097.0
	77.5°	247.8	335.6	424.2	512.0	599.8	700.3	801.5	902.0	1002.5	1155.0
	80°	117.6	128.8	139.9	150.3	161.5	198.0	234.4	270.9	307.4	346.1
	82.5°	55.8	60.3	64.7	68.5	72.9	76.7	80.4	84.1	87.8	84.1
	85°	14.9	14.9	15.6	15.6	15.6	15.6	15.6	15.6	15.6	14.9
	87.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.0	6.0	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
43.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
310.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
805.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1708.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2635.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3575.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4329.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5065.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5764.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6577.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7969.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10370.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14005.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16813.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18159.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18498.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18685.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19074.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19213.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18235.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15448.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12258.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9584.9											
7436.3											
4524.2											
1307.6											
384.8											
79.6											
14.1											
5.2											
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°	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
0.0	2.5°	48.4	47.6	46.9	46.1	45.4	43.9	43.9	43.2	43.2
0.0	5°	52.8	52.1	51.4	50.6	50.6	49.9	49.1	49.1	48.4
0.0	7.5°	60.3	59.5	58.8	58.0	58.0	57.3	57.3	56.6	56.6
0.0	10°	69.2	69.2	69.2	69.2	69.2	68.5	68.5	68.5	67.7
0.0	12.5°	87.1	87.8	89.3	90.8	93.0	93.0	93.0	92.3	92.3
0.0	15°	137.7	145.9	151.8	157.8	163.0	174.9	173.4	171.2	169.7
0.0	17.5°	348.3	385.5	405.6	425.0	445.0	500.1	491.2	482.3	474.1
0.0	20°	902.7	1000.2	1065.0	1129.7	1195.2	1298.7	1273.4	1248.1	1222.8
0.0	22.5°	1931.3	2155.3	2252.8	2350.3	2447.0	2572.0	2490.9	2409.8	2329.4
0.0	25°	2925.6	3216.5	3381.0	3545.5	3709.2	3780.7	3675.0	3568.6	3462.9
0.0	27.5°	3904.2	4233.2	4378.3	4522.7	4667.8	4817.4	4686.4	4554.7	4423.7
0.0	30°	4688.6	5048.1	5205.1	5361.4	5518.4	5622.6	5487.2	5351.0	5215.5
0.0	32.5°	5458.2	5851.1	6023.0	6194.9	6366.1	6515.7	6349.0	6181.5	6014.8
0.0	35°	6212.1	6660.8	6897.5	7134.2	7370.8	7510.0	7312.0	7113.3	6915.3
0.0	37.5°	7131.9	7686.4	7951.3	8216.3	8481.2	8735.0	8516.9	8298.1	8080.1
0.0	40°	8752.1	9534.3	9940.6	10347.7	10754.1	11081.5	10806.2	10530.8	10255.4
0.0	42.5°	11486.4	12602.7	13186.9	13770.4	14354.6	14865.9	14576.4	14286.9	13997.4
0.0	45°	15491.1	16976.5	17688.8	18400.2	19112.5	19486.1	19069.3	18651.8	18235.0
0.0	47.5°	18292.3	19771.9	20405.9	21040.0	21674.1	22100.5	21590.7	21080.9	20571.9
0.0	50°	19566.4	20973.8	21610.1	22245.7	22882.0	23220.6	22631.9	22042.5	21453.8
0.0	52.5°	19812.8	21127.8	21886.9	22646.8	23405.9	23858.4	23163.3	22467.4	21772.3
0.0	55°	20079.2	21473.2	22353.6	23234.7	24115.2	24741.8	23955.9	23169.2	22383.3
0.0	57.5°	20580.8	22087.9	22966.1	23843.5	24721.7	25253.8	24465.7	23676.8	22888.7
0.0	60°	20625.5	22036.5	22791.2	23546.6	24301.2	24636.1	23882.2	23127.6	22373.7
0.0	62.5°	19294.1	20353.1	20877.0	21401.0	21924.9	22288.8	21502.2	20714.8	19928.1
0.0	65°	16104.3	16760.0	17177.5	17595.0	18012.5	18446.4	17726.0	17005.6	16285.2
0.0	67.5°	12760.5	13262.1	13812.1	14362.1	14912.1	15375.7	14798.9	14221.4	13644.6
	70°	10262.1	10938.6	11557.1	12175.5	12794.0	13173.5	12594.5	12014.8	11435.8
	72.5°	8153.0	8869.7	9386.2	9901.9	10418.4	10511.4	10085.8	9660.1	9235.1
	75°	4950.6	5377.8	5388.2	5397.9	5408.3	5496.9	5144.1	4791.3	4439.3
	77.5°	1460.2	1612.7	1738.5	1863.5	1989.3	2141.1	2011.6	1881.4	1751.9
	80°	422.7	461.4	494.2	526.2	558.9	539.6	509.1	478.5	448.0
	82.5°	75.9	71.4	70.7	70.0	70.0	66.2	60.3	54.3	48.4
	85°	13.4	12.7	11.9	11.2	10.4	9.7	8.2	7.4	6.0
	87.5°	4.5	3.7	3.0	2.2	2.2	0.7	0.7	0.7	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: P1049001

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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°	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
0.0	0.0	2.5°	42.4	41.7	41.7	41.7	41.7	40.9	40.9	40.9	40.9
0.0	0.0	5°	46.9	46.9	46.1	46.1	45.4	45.4	44.7	44.7	43.9
0.0	0.0	7.5°	55.1	54.3	53.6	52.8	52.1	50.6	49.9	49.1	49.1
0.0	0.0	10°	66.2	64.7	64.0	62.5	61.8	60.3	58.8	57.3	55.8
0.0	0.0	12.5°	87.1	84.1	81.9	78.9	75.9	73.7	70.7	68.5	65.5
0.0	0.0	15°	151.1	143.6	135.4	125.8	115.4	105.7	95.3	89.3	82.6
0.0	0.0	17.5°	386.3	347.6	308.1	276.1	244.1	212.8	180.8	157.8	134.7
0.0	0.0	20°	983.1	876.0	768.8	663.1	556.7	451.0	344.6	291.0	237.4
0.0	0.0	22.5°	1850.1	1651.4	1452.0	1259.2	1065.7	873.0	680.2	558.9	438.3
0.0	0.0	25°	2855.6	2605.5	2355.5	2038.4	1720.7	1403.6	1086.6	889.4	692.1
0.0	0.0	27.5°	3715.9	3427.9	3139.9	2754.4	2368.9	1983.4	1597.9	1303.9	1010.7
0.0	0.0	30°	4460.9	4151.3	3841.7	3392.9	2944.2	2495.4	2046.6	1679.0	1311.3
0.0	0.0	32.5°	5106.9	4736.3	4365.6	3902.7	3439.8	2976.9	2514.0	2063.0	1612.0
0.0	0.0	35°	5851.9	5419.5	4986.3	4472.8	3958.5	3445.0	2931.5	2422.5	1912.7
0.0	0.0	37.5°	6798.5	6267.9	5736.5	5164.2	4591.9	4020.3	3448.0	2866.0	2284.0
0.0	0.0	40°	8610.7	7926.0	7241.3	6514.2	5786.4	5059.2	4332.1	3617.7	2903.2
0.0	0.0	42.5°	11857.8	10932.7	10007.6	9040.1	8071.9	7104.4	6136.1	5128.5	4120.0
0.0	0.0	45°	15522.3	14374.7	13226.4	12140.6	11054.0	9968.2	8882.3	7499.6	6116.8
0.0	0.0	47.5°	17583.1	16343.9	15104.8	14077.0	13049.3	12021.5	10993.7	9503.0	8012.3
0.0	0.0	50°	18341.5	17080.0	15818.5	14872.6	13926.0	12980.0	12033.4	10540.5	9046.8
0.0	0.0	52.5°	18502.9	17216.2	15929.4	14977.6	14025.7	13074.6	12122.7	10639.5	9156.2
0.0	0.0	55°	18834.9	17454.3	16073.1	14988.0	13902.9	12817.8	11732.7	10225.7	8718.6
0.0	0.0	57.5°	19268.8	17853.2	16437.7	15201.6	13965.4	12730.0	11493.8	9846.1	8198.4
0.0	0.0	60°	19154.9	17923.2	16690.8	15366.8	14042.1	12718.1	11393.4	9581.2	7768.2
0.0	0.0	62.5°	17178.2	16197.3	15215.7	14126.9	13037.4	11948.6	10859.7	8994.0	7128.2
0.0	0.0	65°	14132.1	13416.2	12700.2	11824.3	10947.6	10071.6	9195.7	7522.6	5850.4
0.0	0.0	67.5°	11453.6	10646.9	9839.4	9141.3	8442.5	7744.4	7045.6	5729.1	4412.5
		70°	9099.7	8222.2	7344.0	6662.3	5979.9	5298.1	4616.4	3741.2	2866.8
		72.5°	7226.4	6435.3	5644.2	4917.1	4189.2	3462.1	2734.3	2217.0	1699.8
		75°	3454.0	3137.7	2821.4	2441.1	2060.8	1680.5	1300.2	1074.7	849.9
		77.5°	1280.1	1109.6	938.5	783.7	628.9	474.8	320.0	293.2	266.4
		80°	331.2	288.8	245.6	215.1	183.8	153.3	122.8	110.9	99.7
		82.5°	38.0	35.0	32.7	31.3	29.0	27.5	25.3	23.1	20.8
		85°	2.2	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: P1049001

CATALOG NUMBER: GALN-SA3A-735-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	43.2	43.2
0.0	0.0	2.5°	40.2	39.4
0.0	0.0	5°	42.4	41.7
0.0	0.0	7.5°	46.9	45.4
0.0	0.0	10°	51.4	49.9
0.0	0.0	12.5°	58.0	55.8
0.0	0.0	15°	65.5	61.0
0.0	0.0	17.5°	78.1	68.5
0.0	0.0	20°	105.7	81.1
0.0	0.0	22.5°	148.8	101.2
0.0	0.0	25°	218.8	139.9
0.0	0.0	27.5°	304.4	186.1
0.0	0.0	30°	404.9	232.9
0.0	0.0	32.5°	493.4	277.6
0.0	0.0	35°	608.8	323.0
0.0	0.0	37.5°	750.9	381.0
0.0	0.0	40°	971.2	468.9
0.0	0.0	42.5°	1367.9	631.1
0.0	0.0	45°	2221.5	1091.0
0.0	0.0	47.5°	3418.2	1804.7
0.0	0.0	50°	4181.8	2303.4
0.0	0.0	52.5°	4244.3	2299.7
0.0	0.0	55°	3874.4	2044.4
0.0	0.0	57.5°	3305.9	1708.7
0.0	0.0	60°	2747.7	1351.5
0.0	0.0	62.5°	2165.0	933.3
0.0	0.0	65°	1582.2	660.1
0.0	0.0	67.5°	1136.4	493.4
		70°	747.2	378.1
		72.5°	486.7	308.1
		75°	327.5	255.3
		77.5°	191.3	169.7
		80°	67.7	59.5
		82.5°	12.7	8.9
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1049001

CATALOG NUMBER: GALN-SA3A-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

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

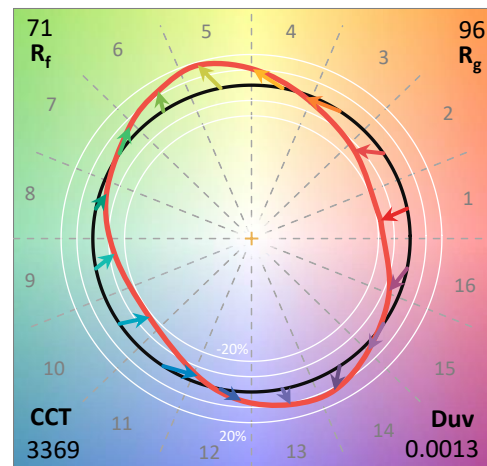
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

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	CRI (Ra):	70.1		
CIE u':	0.2386	R1:	66.6	R9:	-40.2
CIE v':	0.5156	R2:	77.6	R10:	49.1
Duv:	0.0013	R3:	88.5	R11:	66.3
CIE x:	0.4143	R4:	69.5	R12:	45.7
CIE y:	0.3980	R5:	66.4	R13:	68.0
CIE z:	0.1877	R6:	69.6	R14:	93.4
Peak Wavelength (nm):	590	R7:	77.5	R15:	57.6
Dominant Wavelength (nm):	580	R8:	44.9		
Purity:	43.80166				
Rf:	71.4				
Rg:	96				



Test Conditions

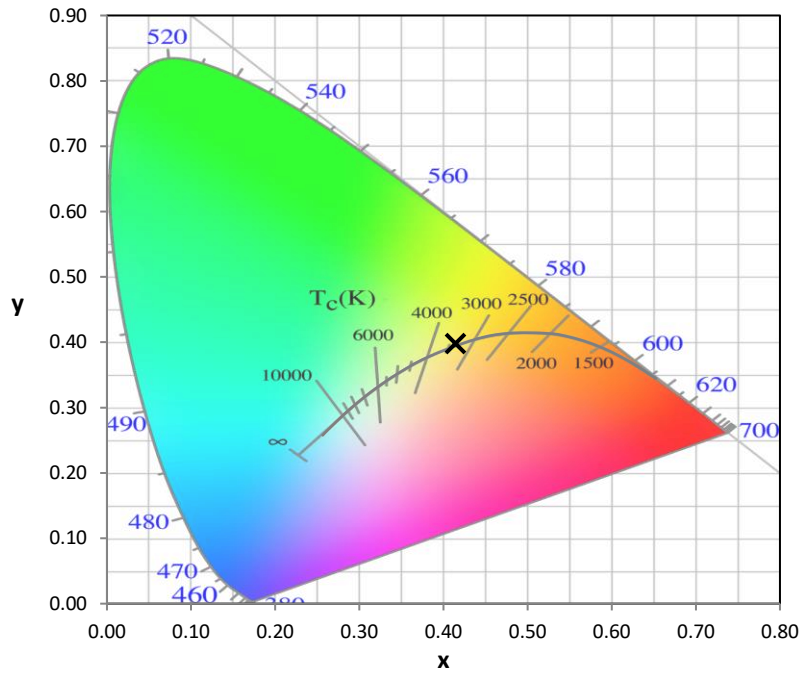
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

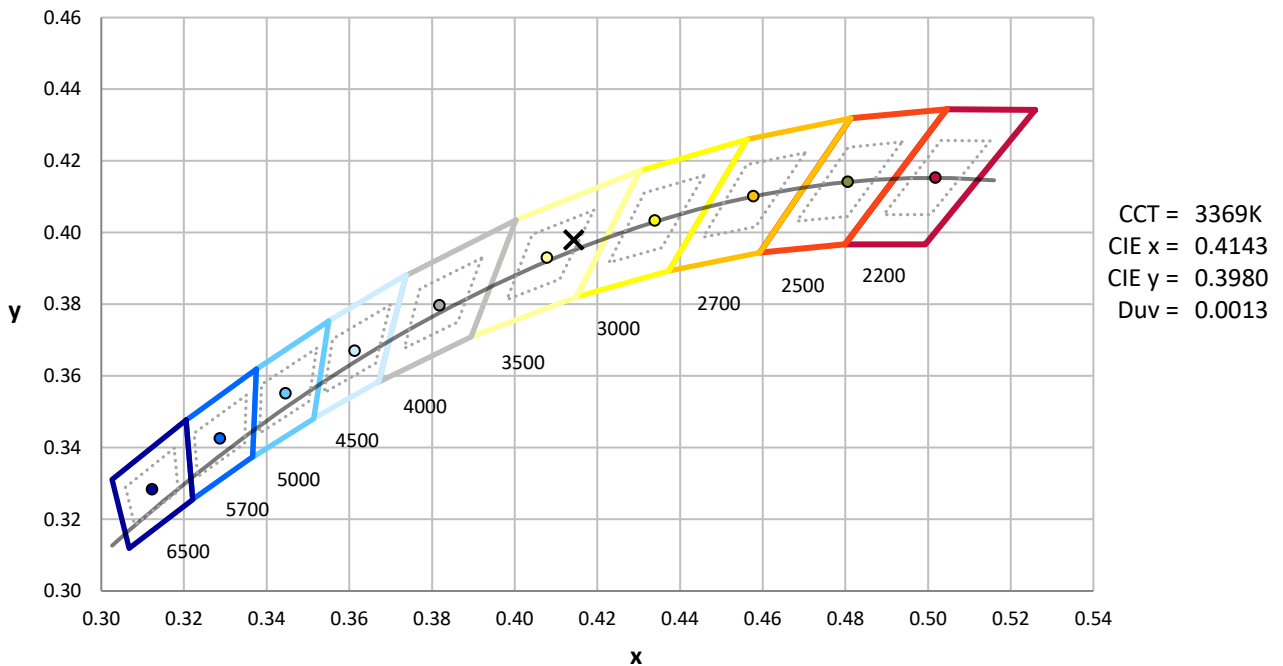
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



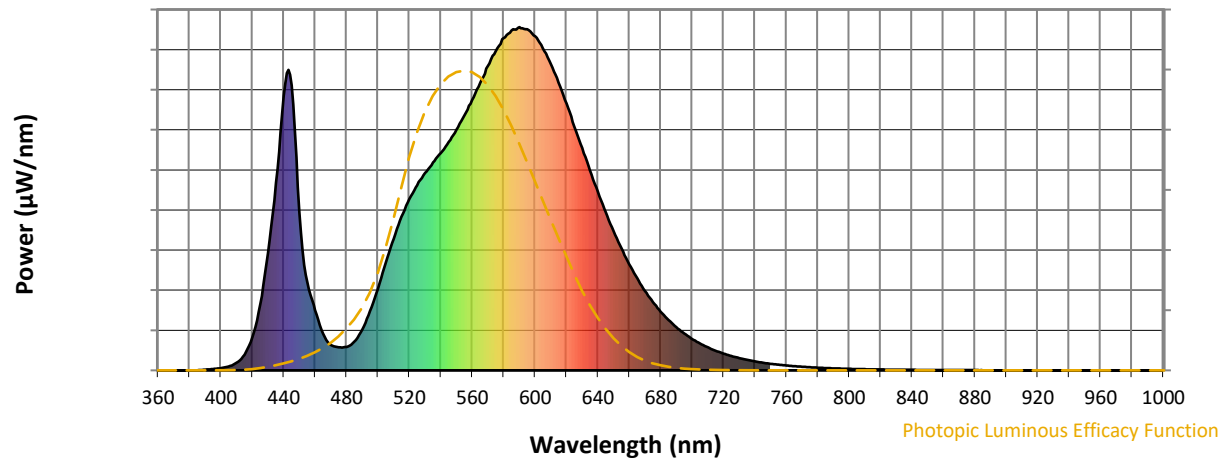
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength

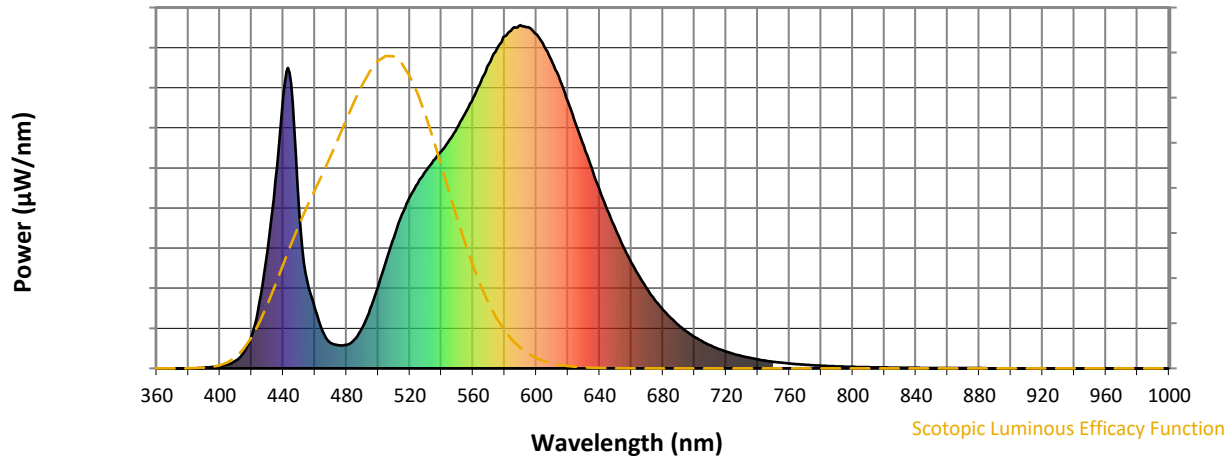


Photopic Lumens: NR

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



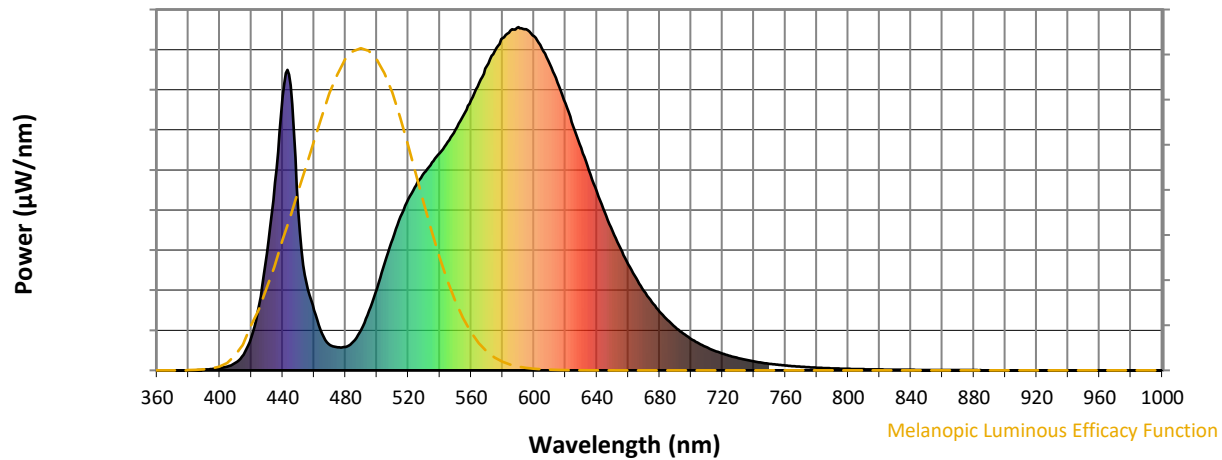
Scotopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-5

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.36

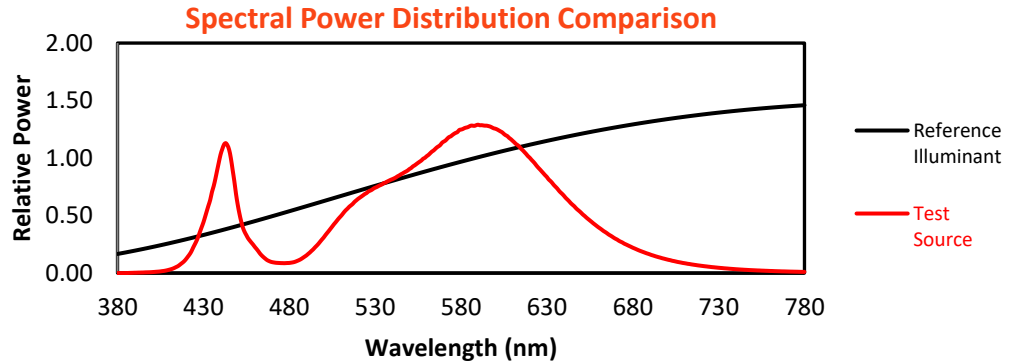
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	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

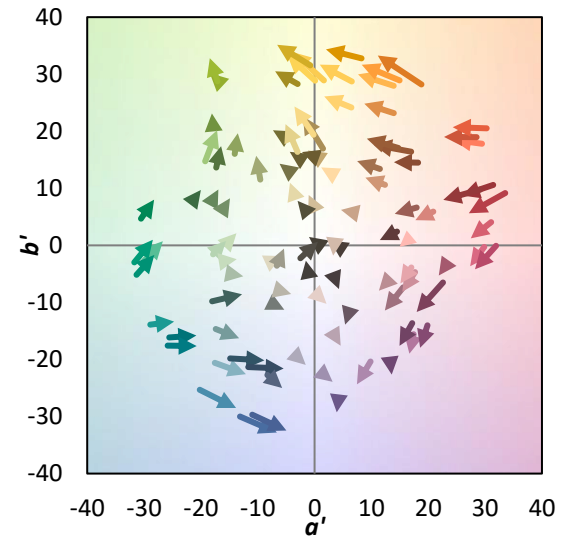
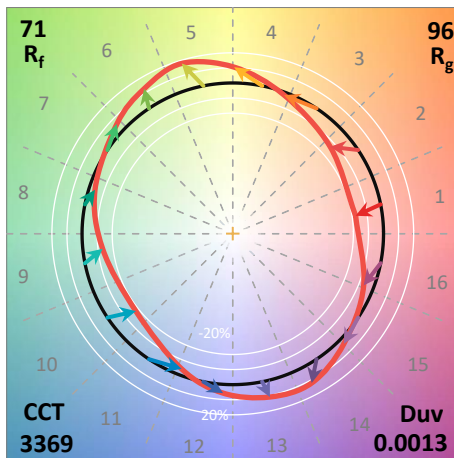
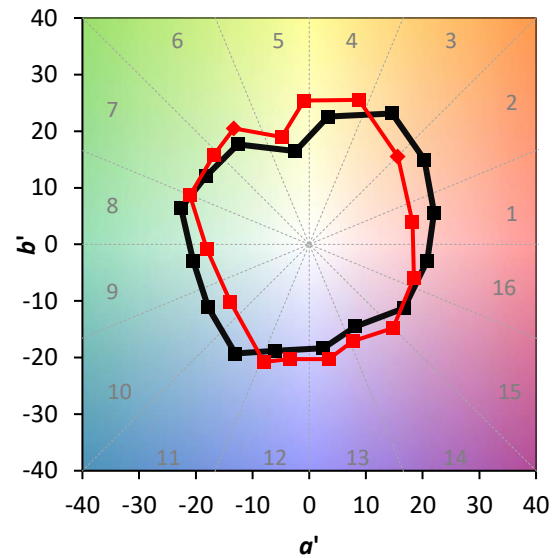
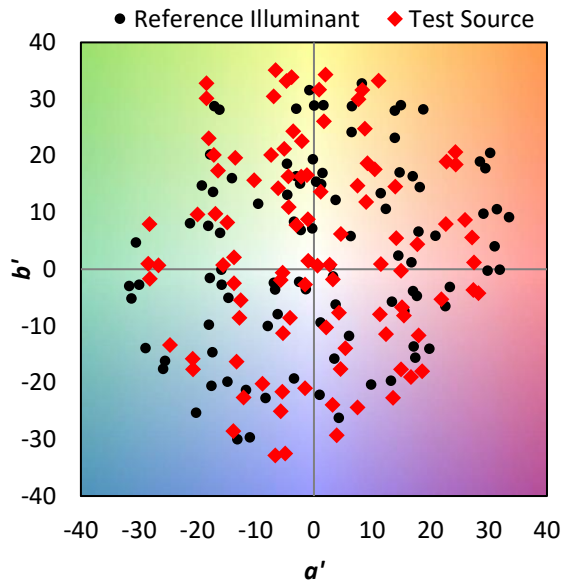
TM-30-18

Summary

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

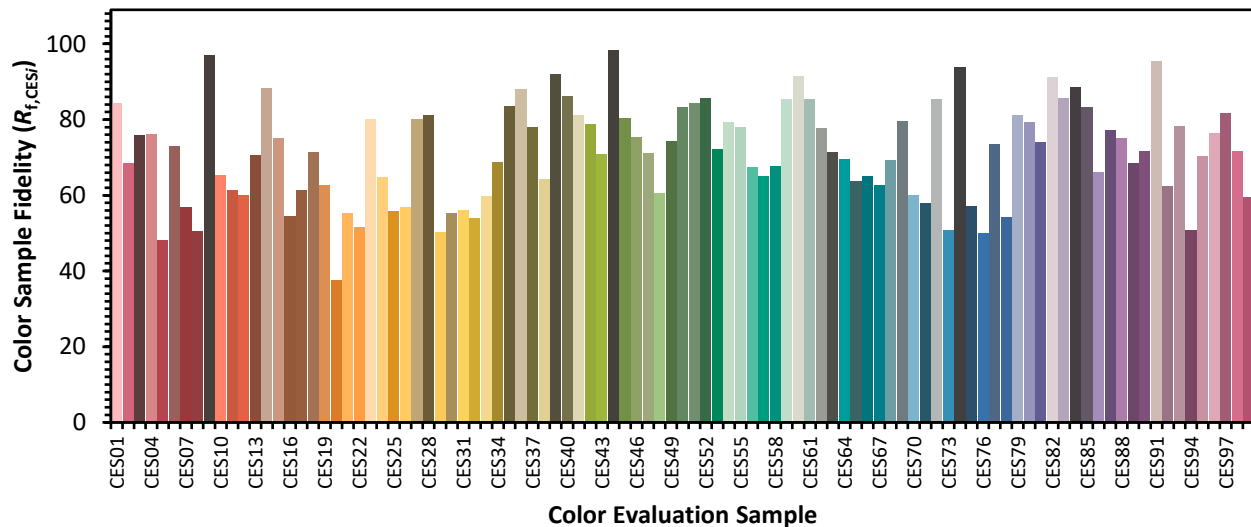


Color Vector Graphics

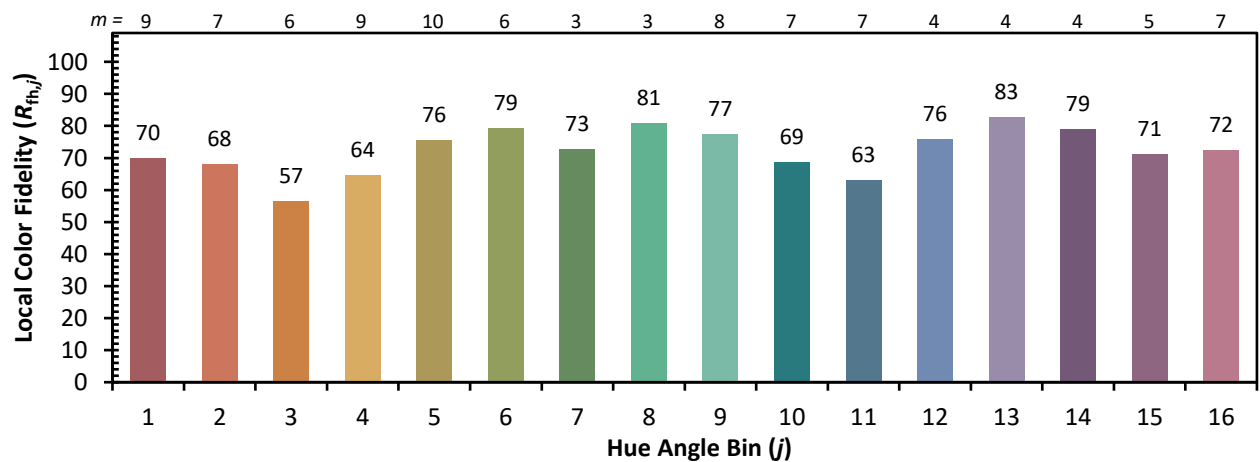
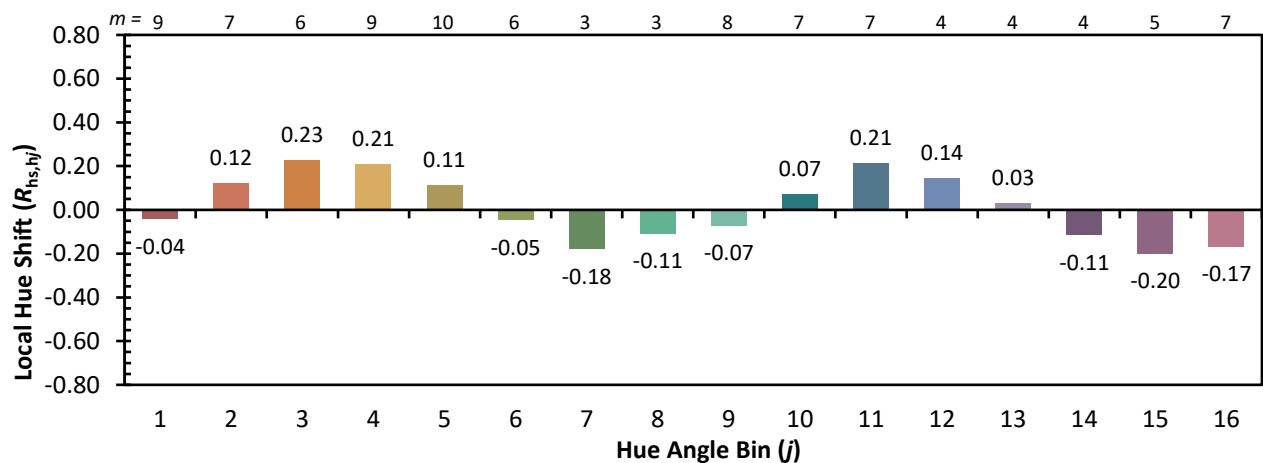
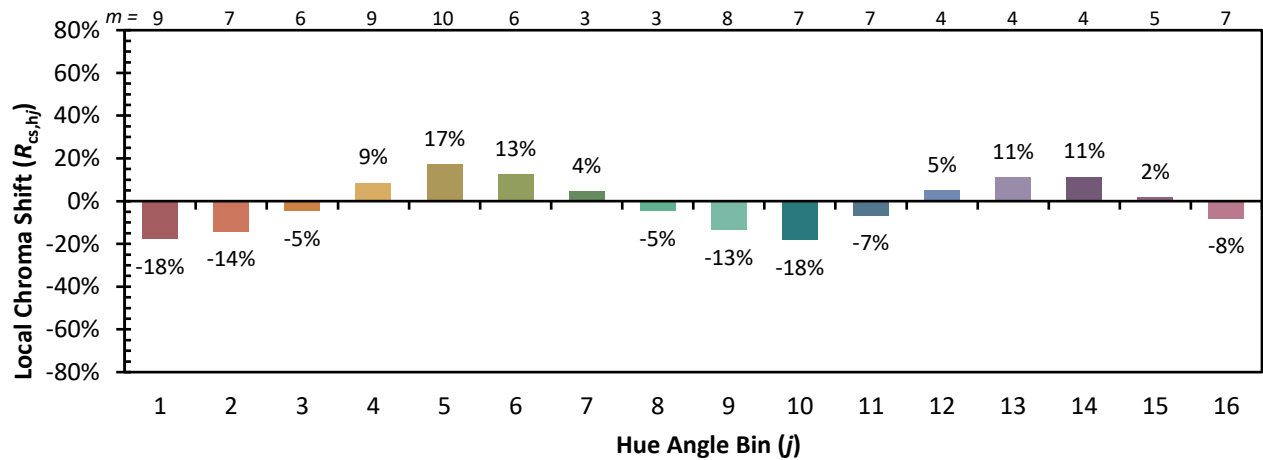


Individual Sample Fidelity Index ($R_{f,i}$)

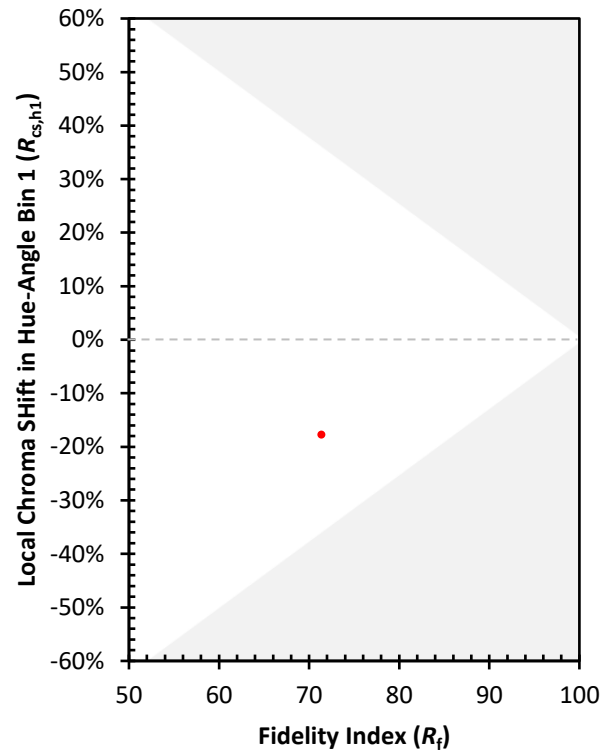
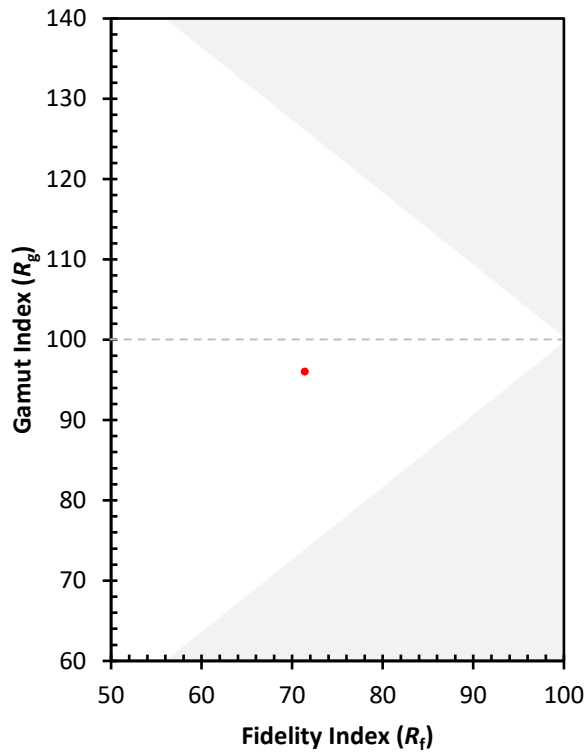
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 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)