

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: P1048998

Luminaire Tested: **GALN-SA2B-735-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048998
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2B-735-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 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: 8217.5 lumens
Efficiency: N/A
Efficacy: 112.9 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): 72.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

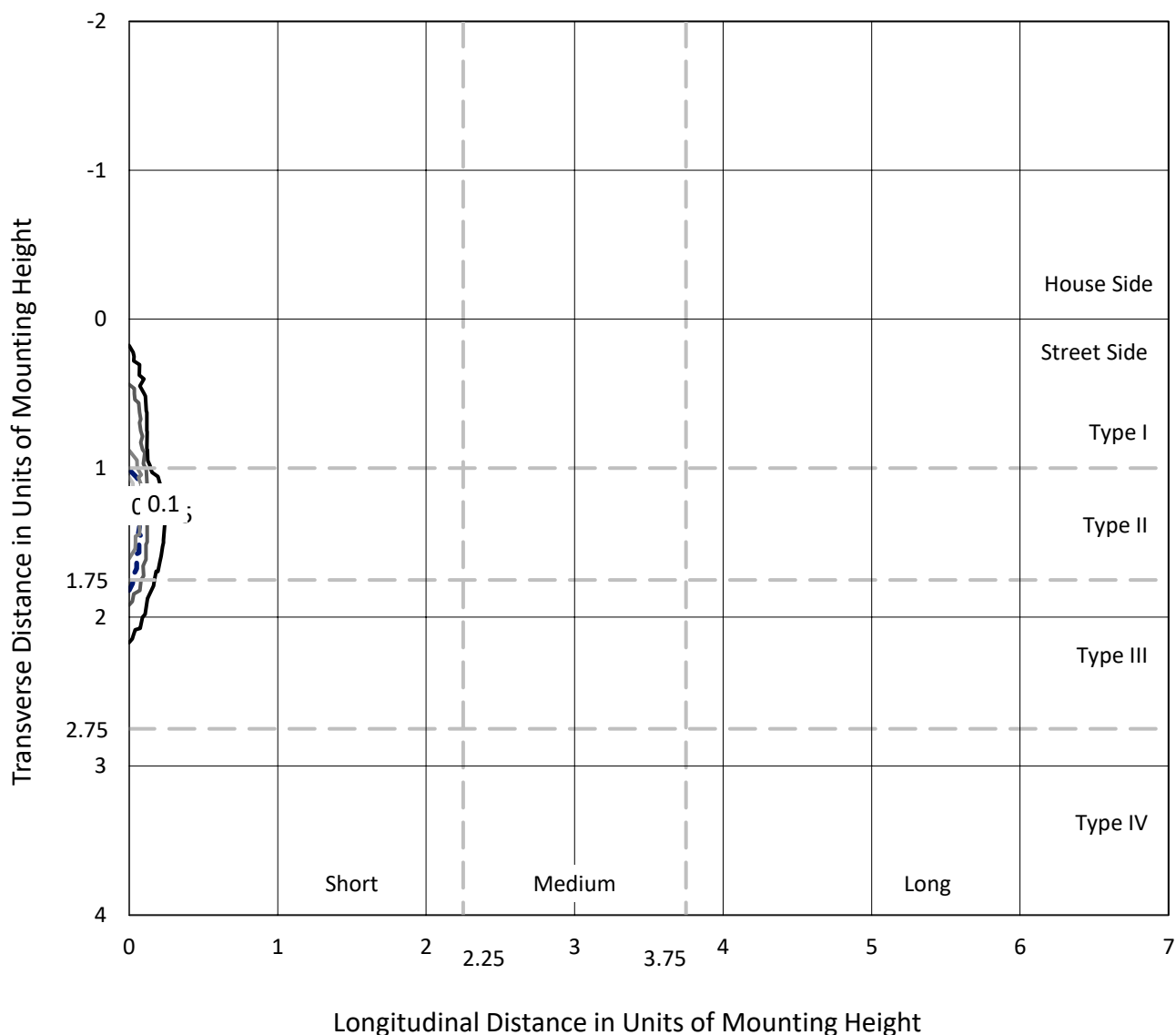
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

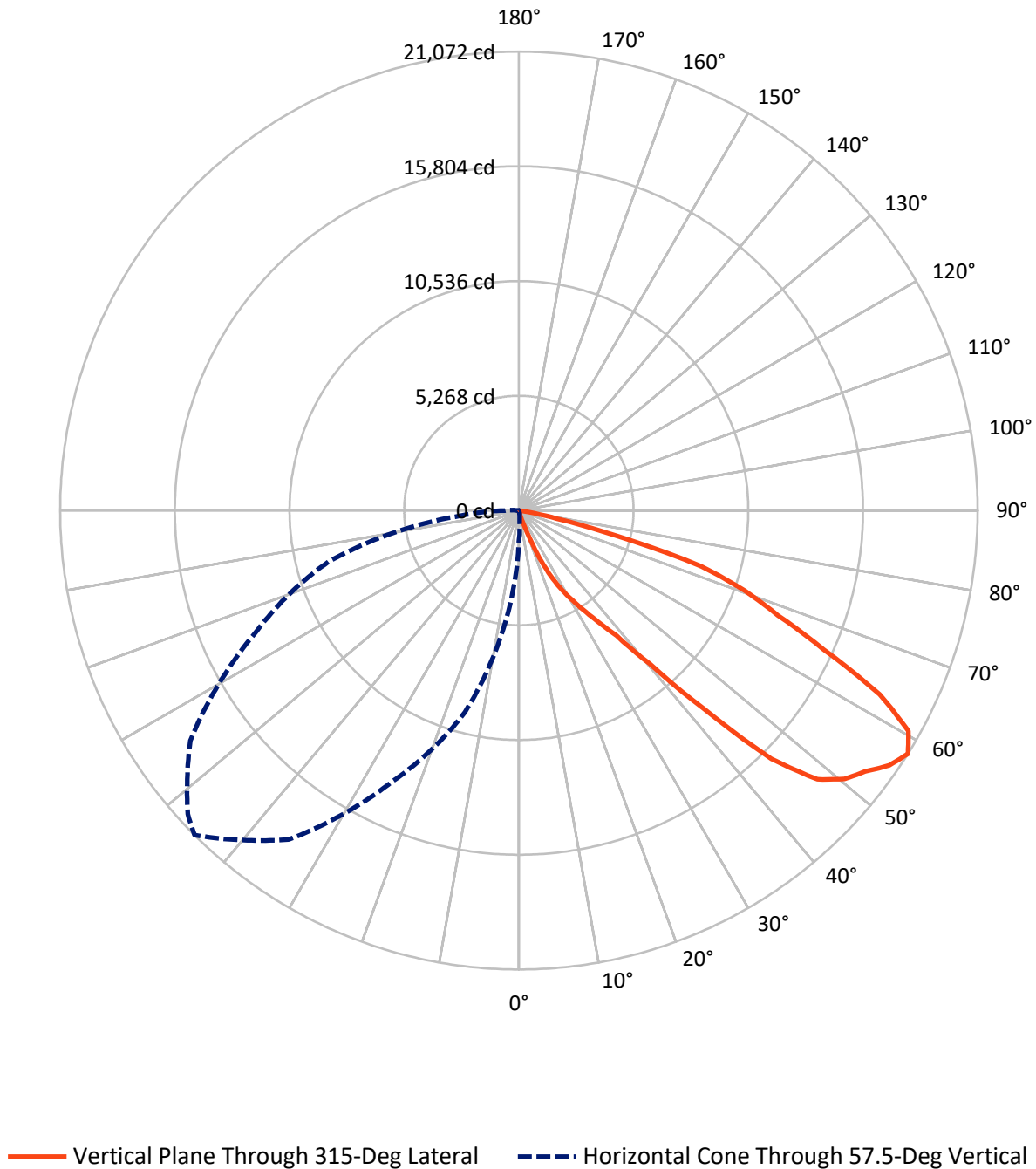


Based on 20 foot mounting height. Maximum calculated value = 1.2 fc

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	41.2	0.0	41.2
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	8176.3	0.0	8176.3
	% Fixture	99.5	0.0	99.5
Total	Lumens	8217.5	0.0	8217.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.2	0.0
10°-20°	18.1	0.2
20°-30°	194.7	2.4
30°-40°	575.9	7.0
40°-50°	1716.3	20.9
50°-60°	2721.4	33.1
60°-70°	2271.7	27.6
70°-80°	700.5	8.5
80°-90°	15.6	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°	8217.5	100.0
0°-180°	8217.5	100.0



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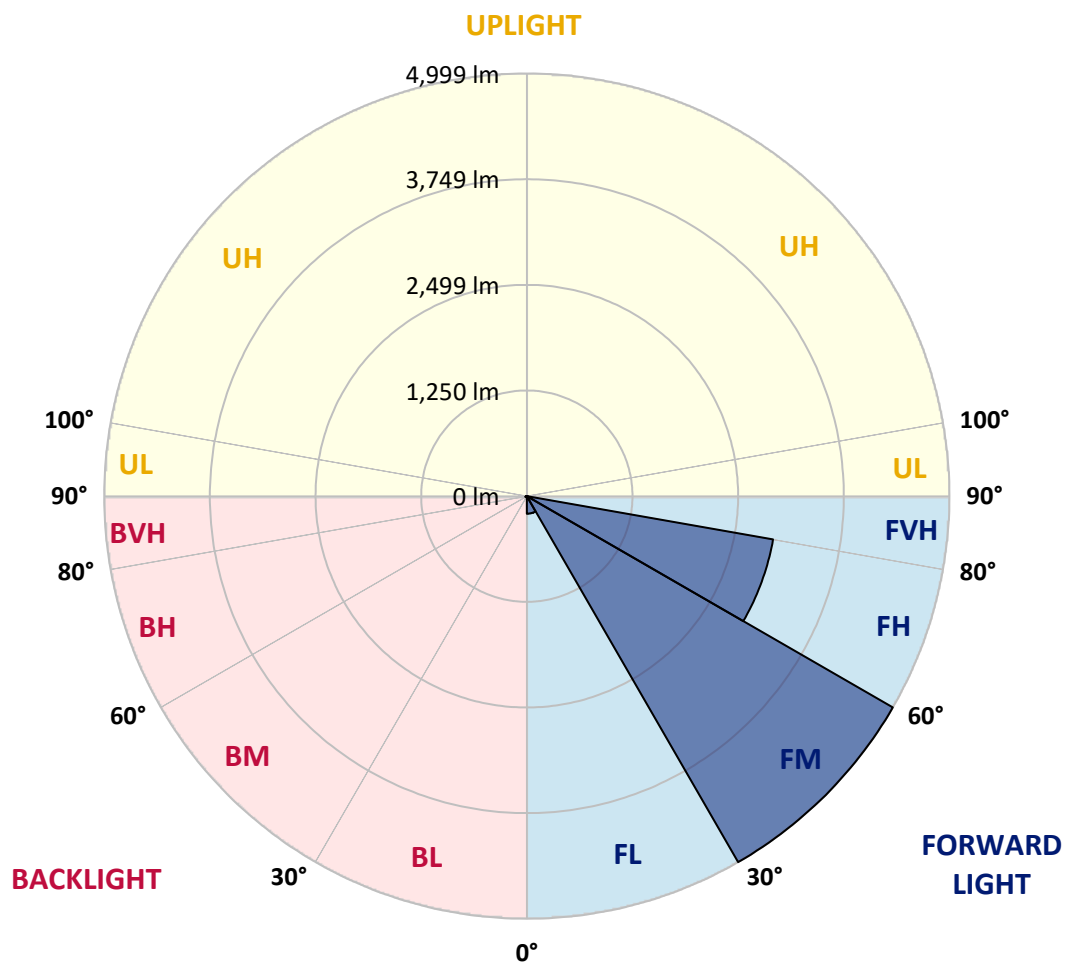
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	208.5	2.5			
FM	(30°-60°)	4998.9	60.8			
FH	(60°-80°)	2956.9	36.0			G2/5000
FVH	(80°-90°)	12.0	0.1			G1/100
BL	(0°-30°)	7.6	0.1	B0/110		
BM	(30°-60°)	14.7	0.2	B0/220		
BH	(60°-80°)	15.3	0.2	B0/110		G0/110
BVH	(80°-90°)	3.5	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°	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
2.5°	32.9	32.9	32.9	32.9	32.3	32.3	31.7	31.7	31.0	31.0
5°	34.8	34.8	34.2	33.5	33.5	32.9	32.3	31.7	31.7	31.0
7.5°	37.9	37.3	36.6	36.0	34.8	34.2	32.9	32.3	31.7	30.4
10°	41.6	40.4	39.1	37.9	36.6	35.4	34.2	33.5	32.3	31.7
12.5°	46.6	44.7	42.2	40.4	39.1	37.3	36.0	34.8	32.9	31.7
15°	50.9	48.4	45.3	42.8	41.0	38.5	36.6	34.8	33.5	31.7
17.5°	57.1	52.8	47.8	44.7	42.2	39.1	36.0	34.2	32.3	29.8
20°	67.7	59.0	49.7	46.0	42.2	38.5	34.8	32.3	30.4	27.9
22.5°	84.5	69.6	54.6	49.1	44.1	38.5	33.5	31.0	28.6	26.1
25°	116.7	90.0	63.3	55.9	48.4	41.0	33.5	30.4	27.9	24.8
27.5°	155.2	115.5	75.1	64.6	54.6	44.1	33.5	29.8	26.7	23.0
30°	194.4	141.6	88.2	74.5	60.9	47.2	33.5	29.2	25.5	21.1
32.5°	231.6	165.8	99.4	83.2	67.1	50.3	34.2	29.2	24.2	19.3
35°	269.5	185.7	101.2	84.5	67.7	50.3	33.5	27.9	23.0	17.4
37.5°	317.9	208.0	97.5	80.7	64.6	47.8	31.7	26.7	21.7	16.1
40°	391.2	245.3	99.4	82.0	64.6	47.2	29.8	24.8	20.5	15.5
42.5°	526.6	317.3	107.4	87.6	67.7	47.2	27.3	23.0	19.3	14.9
45°	910.4	527.2	144.1	114.3	84.5	54.6	24.8	21.1	18.0	14.3
47.5°	1505.9	882.4	259.0	200.0	141.6	82.6	24.2	21.1	18.0	14.3
50°	1922.0	1124.0	326.0	250.9	175.7	100.6	25.5	21.7	18.6	14.9
52.5°	1918.8	1141.4	363.3	278.8	195.0	110.5	26.7	23.0	19.9	16.1
55°	1705.8	1038.3	370.1	284.4	199.3	113.6	28.6	24.8	21.1	17.4
57.5°	1425.8	881.8	337.8	261.4	185.7	109.3	32.9	28.6	24.8	20.5
60°	1127.7	695.5	263.3	208.0	153.4	98.1	43.5	37.9	32.9	27.3
62.5°	778.7	504.2	229.8	184.4	139.7	94.4	49.7	44.1	39.1	33.5
65°	550.8	379.4	207.4	168.9	131.0	92.5	54.0	47.8	42.2	36.0
67.5°	411.7	301.8	191.3	158.4	125.4	92.5	59.6	52.2	45.3	37.9
70°	315.5	247.8	179.5	152.8	126.7	100.0	73.3	62.7	52.8	42.2
72.5°	257.1	211.8	165.8	146.6	127.3	108.1	88.8	75.1	61.5	47.2
75°	213.0	181.3	149.7	133.5	118.0	101.8	85.7	73.3	61.5	49.1
77.5°	141.6	129.2	116.1	106.8	97.5	87.6	78.2	67.7	57.8	47.2
80°	49.7	47.8	46.0	49.7	53.4	57.1	60.9	53.4	46.6	39.1
82.5°	7.5	6.8	6.2	6.8	7.5	8.1	8.7	9.3	9.9	10.6
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°	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
0.0	2.5°	30.4	30.4	29.8	29.8	29.8	29.2	29.2	28.6	28.6	28.6
0.0	5°	29.8	29.8	29.2	28.6	27.9	27.9	27.3	26.7	26.7	26.1
0.0	7.5°	29.2	28.6	27.9	27.3	26.7	26.1	25.5	24.8	24.8	24.2
0.0	10°	29.8	28.6	27.9	26.7	26.1	25.5	24.2	23.6	23.0	23.0
0.0	12.5°	28.6	27.9	26.7	25.5	24.8	23.6	23.0	21.7	21.1	21.1
0.0	15°	28.6	27.3	25.5	24.2	23.0	22.4	21.1	19.9	19.3	18.6
0.0	17.5°	26.7	25.5	23.6	22.4	21.1	19.9	18.6	17.4	16.8	16.1
0.0	20°	24.2	23.0	21.1	19.3	18.0	16.8	15.5	14.3	13.7	13.0
0.0	22.5°	21.7	20.5	18.6	16.8	15.5	14.3	12.4	11.2	10.6	9.3
0.0	25°	20.5	18.6	16.8	14.9	13.0	11.8	9.9	8.1	6.8	5.6
0.0	27.5°	17.4	15.5	13.7	11.8	9.9	8.1	6.2	4.3	3.1	2.5
0.0	30°	14.9	13.0	11.2	9.3	6.8	5.0	3.1	0.6	0.6	0.6
0.0	32.5°	12.4	10.6	8.1	6.2	5.0	3.1	1.9	0.0	0.0	0.0
0.0	35°	9.9	8.1	5.6	3.7	3.1	1.9	1.2	0.0	0.0	0.0
0.0	37.5°	8.7	6.8	4.3	1.9	1.2	1.2	0.6	0.0	0.0	0.0
0.0	40°	8.1	5.6	3.1	0.6	0.6	0.6	0.0	0.0	0.0	0.0
0.0	42.5°	8.1	5.6	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	8.1	5.6	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	8.1	5.6	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	8.7	6.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	9.9	7.5	5.0	2.5	1.9	1.2	0.6	0.0	0.0	0.0
0.0	55°	12.4	11.2	9.3	8.1	6.2	4.3	1.9	0.0	0.0	0.0
0.0	57.5°	16.1	16.1	15.5	14.9	11.2	7.5	3.7	0.0	0.0	0.0
0.0	60°	21.7	21.7	21.7	21.7	16.1	11.2	5.6	0.0	0.0	0.0
0.0	62.5°	26.7	25.5	23.6	22.4	16.8	11.2	5.6	0.0	0.0	0.0
0.0	65°	26.7	24.2	21.1	18.0	13.7	9.3	4.3	0.0	0.0	0.0
0.0	67.5°	24.8	19.9	14.3	9.3	6.8	5.0	2.5	0.0	0.0	0.0
	70°	24.8	17.4	9.9	2.5	1.9	1.2	0.6	0.0	0.0	0.0
	72.5°	24.8	16.8	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	27.3	18.6	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	27.3	18.6	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	24.2	16.1	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	8.1	5.6	2.5	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°	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
0.0	2.5°	27.9	27.9	27.9	27.3	27.3	27.3	27.3	26.7	26.7	26.7
0.0	5°	25.5	25.5	24.8	24.8	24.2	24.2	23.6	23.6	23.0	23.0
0.0	7.5°	23.6	23.0	23.0	22.4	21.7	21.7	21.1	21.1	20.5	19.9
0.0	10°	21.7	21.1	21.1	20.5	19.9	19.3	19.3	18.6	18.0	17.4
0.0	12.5°	19.9	19.3	18.6	18.0	17.4	16.8	16.8	16.1	15.5	14.9
0.0	15°	17.4	16.8	16.1	15.5	14.9	14.3	14.3	13.7	13.0	12.4
0.0	17.5°	14.9	14.3	14.3	13.7	13.0	12.4	11.8	10.6	9.9	9.3
0.0	20°	11.2	10.6	9.9	9.3	8.7	7.5	6.8	5.6	4.3	3.7
0.0	22.5°	7.5	6.2	5.6	4.3	3.1	2.5	1.9	0.6	0.0	0.0
0.0	25°	2.5	1.9	1.2	0.6	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-SA2B-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048998

CATALOG NUMBER: GALN-SA2B-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°	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
0.0	2.5°	26.1	26.1	26.1	25.5	25.5	25.5	25.5	25.5	25.5	25.5
0.0	5°	22.4	22.4	22.4	21.7	21.7	21.1	21.1	21.1	20.5	20.5
0.0	7.5°	19.3	18.6	18.6	18.0	18.0	17.4	17.4	17.4	16.8	16.8
0.0	10°	16.1	15.5	15.5	14.9	14.9	14.3	14.3	13.7	13.7	13.0
0.0	12.5°	14.3	13.7	13.0	12.4	12.4	11.8	11.2	11.2	10.6	9.9
0.0	15°	11.2	10.6	9.9	9.3	8.7	8.1	7.5	7.5	6.8	6.2
0.0	17.5°	7.5	6.2	5.6	5.0	5.0	4.3	3.7	3.1	2.5	1.9
0.0	20°	1.9	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048998

CATALOG NUMBER: GALN-SA2B-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048998

CATALOG NUMBER: GALN-SA2B-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°	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
0.0	2.5°	25.5	24.8	24.8	24.8	25.5	25.5	25.5	25.5	25.5	25.5
0.0	5°	20.5	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
0.0	7.5°	16.8	16.1	16.1	16.1	16.1	15.5	15.5	15.5	15.5	15.5
0.0	10°	13.0	12.4	12.4	12.4	12.4	11.8	11.8	11.8	11.8	11.8
0.0	12.5°	9.3	9.3	8.7	8.7	8.7	8.1	8.1	8.1	8.1	7.5
0.0	15°	5.6	5.0	4.3	4.3	4.3	3.7	3.7	3.7	3.7	3.1
0.0	17.5°	1.2	1.2	0.6	0.6	0.6	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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CATALOG NUMBER: GALN-SA2B-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048998

CATALOG NUMBER: GALN-SA2B-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°	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
0.0	2.5°	26.1	26.1	26.7	26.7	27.3	28.6	29.2	29.8	31.0	32.3
0.0	5°	20.5	21.1	21.1	21.7	22.4	23.0	23.6	24.2	25.5	26.7
0.0	7.5°	16.1	16.1	16.8	16.8	17.4	18.6	19.3	19.9	21.1	23.0
0.0	10°	12.4	12.4	13.0	13.0	13.7	14.9	15.5	16.1	17.4	19.3
0.0	12.5°	8.1	8.7	8.7	9.3	9.9	11.2	11.8	12.4	13.7	14.9
0.0	15°	3.7	4.3	4.3	5.0	5.6	6.8	7.5	8.1	9.3	11.2
0.0	17.5°	0.6	0.6	1.2	1.2	1.9	2.5	3.1	3.7	5.6	6.8
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.5
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA2B-735-U-RBC

[illegible]



REPORT NUMBER: P1048998

CATALOG NUMBER: GALN-SA2B-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°	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
0.0	2.5°	34.2	35.4	36.6	37.9	39.1	40.4	41.0	42.2	42.8	43.5
0.0	5°	29.2	30.4	32.3	33.5	34.8	36.0	37.3	37.9	38.5	39.1
0.0	7.5°	25.5	26.7	28.6	29.8	31.0	32.3	33.5	34.8	35.4	36.0
0.0	10°	21.7	23.6	24.8	26.7	27.9	29.2	30.4	31.7	32.9	33.5
0.0	12.5°	17.4	19.3	21.1	22.4	24.2	26.1	27.3	28.6	29.8	31.0
0.0	15°	13.7	15.5	17.4	18.6	20.5	22.4	24.2	25.5	26.7	27.9
0.0	17.5°	9.9	11.8	13.7	14.9	16.8	18.6	19.9	21.7	23.0	24.2
0.0	20°	5.0	6.8	8.7	10.6	12.4	14.3	15.5	17.4	18.6	19.9
0.0	22.5°	0.6	2.5	4.3	5.6	7.5	9.3	10.6	12.4	13.7	14.9
0.0	25°	0.0	0.6	1.9	2.5	3.1	4.3	5.6	6.8	8.1	9.3
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.6	1.2	2.5	3.7	5.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
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	0.6
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	1.2
	85°	0.0	0.0	0.0	0.0	0.0	1.2	1.9	3.1	3.7	4.3
	87.5°	0.0	0.6	1.2	1.9	2.5	3.7	5.0	6.2	6.8	7.5
	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: P1048998

CATALOG NUMBER: GALN-SA2B-735-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
36.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	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											
0.6											
2.5											
5.6											
8.1											
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REPORT NUMBER: P1048998

CATALOG NUMBER: GALN-SA2B-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°	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
0.0	2.5°	44.1	44.1	44.1	44.1	43.5	43.5	43.5	42.8	42.8	42.2
0.0	5°	40.4	41.0	41.0	41.0	41.0	41.0	41.0	41.0	40.4	40.4
0.0	7.5°	37.3	37.9	38.5	38.5	39.1	39.1	39.1	38.5	38.5	37.9
0.0	10°	35.4	36.0	36.0	36.6	36.6	36.6	36.6	36.6	36.6	36.6
0.0	12.5°	32.9	33.5	34.2	34.2	34.8	34.8	34.8	34.8	34.2	34.2
0.0	15°	29.8	31.0	31.7	32.3	32.3	32.9	32.9	32.9	32.9	32.9
0.0	17.5°	27.3	28.6	29.2	29.8	29.8	30.4	30.4	31.0	31.0	31.0
0.0	20°	22.4	23.6	24.2	25.5	26.1	26.7	27.3	27.9	27.9	28.6
0.0	22.5°	17.4	18.6	19.3	20.5	21.1	21.7	22.4	23.0	23.6	24.2
0.0	25°	12.4	13.7	14.3	15.5	16.1	16.8	17.4	18.0	18.0	18.6
0.0	27.5°	6.8	8.1	9.3	9.9	11.2	11.8	12.4	13.0	13.7	14.3
0.0	30°	3.1	3.7	4.3	5.6	6.2	6.8	7.5	8.7	9.3	9.9
0.0	32.5°	0.0	0.0	0.6	1.9	2.5	3.1	3.7	4.3	4.3	5.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.2	1.9	2.5
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°	1.2	1.2	1.2	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	82.5°	3.1	3.7	4.3	4.3	5.0	5.0	5.0	5.0	4.3	4.3
	85°	6.2	6.8	7.5	7.5	8.1	8.1	8.1	8.1	8.1	8.1
	87.5°	8.7	9.3	9.9	9.9	10.6	10.6	10.6	10.6	10.6	10.6
	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: P1048998

CATALOG NUMBER: GALN-SA2B-735-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
36.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	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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1.9											
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REPORT NUMBER: P1048998

CATALOG NUMBER: GALN-SA2B-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°	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
0.0	2.5°	41.6	41.6	41.0	41.0	41.0	41.0	41.0	41.6	42.2	42.2
0.0	5°	39.7	39.7	39.1	39.1	39.1	39.7	39.7	40.4	41.0	41.6
0.0	7.5°	37.9	37.3	37.3	37.9	37.9	38.5	38.5	39.1	39.7	40.4
0.0	10°	36.6	36.0	36.0	36.0	36.6	36.6	37.3	37.9	38.5	39.1
0.0	12.5°	34.2	34.2	34.2	34.2	34.8	34.8	35.4	36.0	37.3	37.9
0.0	15°	32.9	32.3	32.3	32.3	32.3	32.9	32.9	34.2	35.4	36.0
0.0	17.5°	30.4	30.4	29.8	29.8	30.4	30.4	31.0	32.3	33.5	34.2
0.0	20°	27.9	27.3	26.7	26.7	27.3	27.3	27.9	29.2	30.4	31.0
0.0	22.5°	24.2	23.6	23.6	23.6	23.6	24.2	24.2	25.5	27.3	28.6
0.0	25°	19.3	19.9	19.9	20.5	20.5	21.1	21.7	23.0	24.8	26.1
0.0	27.5°	14.9	15.5	15.5	16.8	17.4	18.0	18.6	20.5	22.4	23.6
0.0	30°	11.2	11.8	12.4	13.0	14.3	15.5	16.8	18.6	20.5	21.7
0.0	32.5°	6.8	8.1	8.7	9.9	11.2	12.4	13.7	15.5	18.0	19.9
0.0	35°	5.0	5.6	6.8	7.5	8.7	9.9	11.2	13.7	15.5	18.0
0.0	37.5°	2.5	3.7	5.0	6.2	7.5	8.7	9.9	12.4	14.9	16.8
0.0	40°	1.9	3.1	3.7	5.0	6.8	8.1	9.3	11.8	14.3	16.8
0.0	42.5°	1.2	1.9	2.5	4.3	5.6	7.5	9.3	11.8	14.3	16.8
0.0	45°	1.2	1.2	1.9	3.7	5.6	8.1	9.9	12.4	14.3	16.8
0.0	47.5°	1.2	1.9	2.5	5.0	6.2	8.1	9.9	11.8	14.3	16.1
0.0	50°	1.9	2.5	3.1	5.6	6.8	8.7	9.9	12.4	14.3	16.8
0.0	52.5°	1.2	1.9	2.5	5.0	6.8	9.3	11.2	13.7	16.1	18.0
0.0	55°	0.6	0.6	0.6	3.7	7.5	10.6	14.3	16.1	18.6	20.5
0.0	57.5°	0.0	0.0	0.0	2.5	7.5	11.8	16.1	18.6	21.1	23.0
0.0	60°	0.0	0.0	0.0	2.5	7.5	11.8	16.1	19.3	22.4	25.5
0.0	62.5°	0.0	0.0	0.0	2.5	6.2	9.9	13.7	18.6	24.2	29.2
0.0	65°	0.0	0.0	0.0	1.9	5.0	8.1	11.2	18.6	26.1	32.9
0.0	67.5°	0.0	0.0	0.0	1.9	5.0	7.5	10.6	18.6	26.1	34.2
	70°	0.0	0.0	0.0	1.9	5.0	8.1	11.2	18.6	26.1	33.5
	72.5°	0.0	0.0	0.0	1.9	5.6	8.7	12.4	18.6	24.8	31.0
	75°	0.0	0.0	0.0	2.5	5.6	9.3	13.0	18.6	24.2	29.2
	77.5°	0.0	0.0	0.0	1.9	5.6	8.7	12.4	18.0	23.6	28.6
	80°	1.9	1.2	1.2	3.1	5.6	8.1	10.6	16.1	22.4	27.9
	82.5°	3.7	3.7	3.1	4.3	5.6	7.5	9.3	14.3	19.9	24.8
	85°	7.5	7.5	6.8	7.5	7.5	8.1	8.7	11.2	13.7	16.1
	87.5°	9.9	9.9	9.3	9.3	9.3	8.7	8.7	8.7	8.7	8.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
36.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.0											
37.3											
34.8											
34.2											
33.5											
29.8											
18.6											
8.1											
0.0											
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REPORT NUMBER: P1048998

CATALOG NUMBER: GALN-SA2B-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°	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
0.0	2.5°	43.5	44.1	44.1	44.7	45.3	46.0	46.0	46.6	46.6	46.6
0.0	5°	42.8	44.1	44.7	45.3	46.0	46.6	47.2	47.8	48.4	48.4
0.0	7.5°	42.2	42.8	44.1	44.7	46.0	46.6	47.8	48.4	49.1	49.7
0.0	10°	41.0	42.2	43.5	44.7	46.0	47.2	48.4	49.7	50.9	51.5
0.0	12.5°	39.7	41.6	42.8	44.1	46.0	47.8	49.1	50.9	52.2	53.4
0.0	15°	39.1	40.4	42.2	43.5	46.0	48.4	50.3	52.8	55.3	57.1
0.0	17.5°	37.3	39.7	41.6	43.5	46.0	49.1	51.5	54.0	57.8	61.5
0.0	20°	34.8	36.6	39.1	41.0	44.7	47.8	51.5	54.6	60.2	65.8
0.0	22.5°	32.3	34.8	36.6	39.1	43.5	47.2	51.5	55.3	64.6	73.3
0.0	25°	29.8	32.9	35.4	37.9	42.8	47.8	52.8	57.8	73.3	88.8
0.0	27.5°	28.6	31.0	34.2	36.6	42.8	49.7	55.9	62.1	86.9	111.2
0.0	30°	26.7	29.8	32.3	35.4	43.5	51.5	59.6	67.7	105.6	143.4
0.0	32.5°	24.8	27.9	31.0	34.2	44.7	55.3	65.2	75.8	125.4	174.5
0.0	35°	23.0	26.7	29.8	32.9	46.6	60.9	74.5	88.2	143.4	198.1
0.0	37.5°	22.4	26.1	29.2	32.3	47.2	61.5	76.4	90.7	145.3	200.0
0.0	40°	23.0	26.1	29.8	32.9	45.3	57.8	69.6	82.0	139.1	195.6
0.0	42.5°	23.0	26.7	30.4	34.2	44.1	54.0	64.0	73.9	137.2	200.6
0.0	45°	22.4	26.1	29.8	33.5	42.8	51.5	60.9	69.6	148.4	226.7
0.0	47.5°	21.7	25.5	29.2	32.9	42.2	51.5	60.9	70.2	191.9	313.0
0.0	50°	21.7	25.5	28.6	31.7	42.8	54.6	65.8	77.0	279.4	481.3
0.0	52.5°	23.0	26.1	28.6	31.0	44.1	57.8	70.8	83.8	355.2	626.0
0.0	55°	24.8	26.7	29.2	31.0	47.2	62.7	78.9	94.4	378.2	662.0
0.0	57.5°	27.3	29.2	31.0	32.9	52.8	72.7	91.9	111.8	380.0	647.7
0.0	60°	30.4	32.9	34.8	36.6	57.8	79.5	100.6	121.7	344.0	565.7
0.0	62.5°	37.3	40.4	42.8	46.0	66.4	86.3	106.8	126.7	285.7	444.6
0.0	65°	42.8	45.3	47.8	50.3	70.2	90.7	110.5	130.4	242.2	354.0
0.0	67.5°	44.1	46.6	48.4	50.9	71.4	91.9	111.8	132.3	207.4	281.9
	70°	44.7	47.8	51.5	54.6	75.8	96.9	117.4	138.5	183.8	229.1
	72.5°	42.8	49.1	54.6	60.2	80.1	99.4	119.2	138.5	170.8	203.1
	75°	42.8	51.5	59.6	67.7	82.6	96.9	111.8	126.1	150.9	175.7
	77.5°	45.3	56.5	67.7	78.9	87.6	95.6	104.3	112.4	128.5	144.7
	80°	45.3	57.1	68.3	80.1	83.8	88.2	91.9	95.6	97.5	99.4
	82.5°	39.1	48.4	57.8	67.1	62.7	58.4	54.0	49.7	46.6	42.8
	85°	19.9	21.7	23.0	24.2	22.4	20.5	18.6	16.8	15.5	13.7
	87.5°	8.1	8.1	7.5	7.5	7.5	7.5	6.8	6.8	6.8	6.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048998

CATALOG NUMBER: GALN-SA2B-735-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
36.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.6	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
50.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
183.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
249.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
311.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
353.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
385.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
416.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
478.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
603.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
919.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1407.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1772.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1812.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1635.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1398.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1092.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
825.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
609.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
431.6											
321.0											
233.5											
175.7											
98.7											
44.7											
13.0											
6.2											
0.0											
0.0											
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REPORT NUMBER: P1048998

CATALOG NUMBER: GALN-SA2B-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°	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
0.0	2.5°	46.6	46.0	46.0	45.3	44.7	44.1	43.5	42.8	42.2	41.6
0.0	5°	48.4	48.4	48.4	47.8	47.8	47.2	47.2	46.6	46.0	45.3
0.0	7.5°	50.3	50.9	50.9	51.5	51.5	51.5	51.5	50.9	50.9	50.9
0.0	10°	53.4	54.0	54.6	55.3	55.9	56.5	56.5	57.1	57.1	57.1
0.0	12.5°	57.1	59.0	60.2	62.1	63.3	65.2	66.4	68.3	69.6	70.8
0.0	15°	62.7	65.8	69.6	72.7	75.8	80.1	85.1	89.4	93.8	100.6
0.0	17.5°	70.8	80.7	90.7	100.0	109.9	131.6	153.4	174.5	196.2	227.9
0.0	20°	86.3	116.1	145.3	175.1	204.3	280.7	356.4	432.8	508.6	589.9
0.0	22.5°	121.1	194.4	267.6	340.9	414.2	573.8	732.8	892.4	1051.3	1238.2
0.0	25°	175.7	310.5	445.2	579.4	714.1	963.8	1214.0	1463.7	1713.3	1956.1
0.0	27.5°	255.8	462.0	668.2	873.7	1079.9	1418.3	1757.4	2095.8	2434.3	2708.7
0.0	30°	354.6	634.0	913.5	1192.9	1472.4	1857.4	2242.4	2626.8	3011.8	3311.7
0.0	32.5°	447.7	789.9	1132.1	1473.6	1815.8	2254.2	2693.2	3131.6	3570.1	3897.9
0.0	35°	508.6	922.2	1336.4	1749.9	2163.5	2637.9	3112.4	3586.2	4060.6	4435.1
0.0	37.5°	569.4	1047.0	1523.9	2001.4	2478.4	2999.4	3520.4	4041.4	4562.4	5025.0
0.0	40°	637.8	1197.9	1757.4	2317.5	2877.0	3494.3	4110.9	4728.2	5344.8	5997.5
0.0	42.5°	756.4	1448.1	2140.5	2832.3	3524.1	4340.7	5157.3	5973.3	6789.9	7721.3
0.0	45°	979.3	1954.2	2929.8	3904.8	4879.7	5961.5	7043.8	8125.6	9207.4	10446.9
0.0	47.5°	1525.1	2866.5	4207.2	5548.5	6889.2	8057.3	9224.8	10392.8	11560.3	12794.8
0.0	50°	2333.7	3894.8	5456.0	7016.5	8577.7	9634.6	10690.9	11747.8	12804.1	13978.4
0.0	52.5°	2918.6	4545.0	6172.0	7798.3	9424.7	10378.5	11333.0	12286.8	13240.7	14338.0
0.0	55°	2962.7	4579.8	6197.4	7814.5	9431.5	10389.7	11347.9	12306.1	13264.3	14427.4
0.0	57.5°	2623.0	4227.1	5830.4	7434.4	9037.8	10128.9	11219.4	12310.4	13400.9	14658.4
0.0	60°	2231.2	3835.8	5439.8	7044.5	8648.5	9905.4	11162.9	12419.7	13676.6	14854.6
0.0	62.5°	1740.6	3391.2	5042.4	6693.0	8343.6	9619.7	10895.8	12171.3	13447.5	14331.1
0.0	65°	1297.2	2900.0	4502.8	6104.9	7707.7	8729.8	9752.0	10773.5	11795.6	12342.7
0.0	67.5°	937.7	2320.0	3701.7	5084.0	6465.7	7197.2	7928.8	8659.7	9391.2	9809.7
	70°	634.0	1591.6	2548.5	3506.1	4463.0	5064.1	5665.9	6267.0	6868.1	7433.2
	72.5°	439.0	976.8	1515.2	2053.0	2590.8	3195.6	3799.8	4404.7	5008.9	5606.9
	75°	291.2	535.9	781.2	1025.9	1270.5	1718.3	2166.6	2614.4	3062.1	3418.5
	77.5°	206.8	280.1	354.0	427.2	500.5	584.3	668.8	752.6	836.5	963.8
	80°	98.1	107.4	116.7	125.4	134.8	165.2	195.6	226.0	256.5	288.8
	82.5°	46.6	50.3	54.0	57.1	60.9	64.0	67.1	70.2	73.3	70.2
	85°	12.4	12.4	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.4
	87.5°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.0	5.0	4.3
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
36.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
259.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
671.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1425.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2198.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2983.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3612.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4226.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4809.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5488.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6650.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8652.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11686.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14029.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15152.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15435.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15591.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15915.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16032.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15215.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12890.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10228.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7997.7											
6204.9											
3775.0											
1091.1											
321.0											
66.4											
11.8											
4.3											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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0.0											

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CATALOG NUMBER: GALN-SA2B-735-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
0.0	2.5°	40.4	39.7	39.1	38.5	37.9	36.6	36.6	36.0	36.0
0.0	5°	44.1	43.5	42.8	42.2	42.2	41.6	41.0	41.0	40.4
0.0	7.5°	50.3	49.7	49.1	48.4	48.4	47.8	47.8	47.2	47.2
0.0	10°	57.8	57.8	57.8	57.8	57.8	57.1	57.1	57.1	56.5
0.0	12.5°	72.7	73.3	74.5	75.8	77.6	77.6	77.6	77.0	77.0
0.0	15°	114.9	121.7	126.7	131.6	136.0	145.9	144.7	142.8	141.6
0.0	17.5°	290.6	321.7	338.4	354.6	371.3	417.3	409.9	402.4	395.6
0.0	20°	753.3	834.6	888.6	942.7	997.3	1083.6	1062.5	1041.4	1020.3
0.0	22.5°	1611.5	1798.4	1879.7	1961.1	2041.8	2146.1	2078.4	2010.8	1943.7
0.0	25°	2441.1	2683.9	2821.1	2958.4	3095.0	3154.6	3066.4	2977.6	2889.4
0.0	27.5°	3257.7	3532.2	3653.3	3773.7	3894.8	4019.6	3910.4	3800.4	3691.1
0.0	30°	3912.2	4212.2	4343.2	4473.6	4604.6	4691.6	4578.5	4464.9	4351.9
0.0	32.5°	4554.3	4882.2	5025.6	5169.1	5311.9	5436.7	5297.6	5157.9	5018.8
0.0	35°	5183.4	5557.8	5755.3	5952.8	6150.2	6266.4	6101.2	5935.4	5770.2
0.0	37.5°	5950.9	6413.5	6634.6	6855.7	7076.8	7288.5	7106.6	6924.0	6742.0
0.0	40°	7302.8	7955.5	8294.5	8634.2	8973.3	9246.5	9016.7	8787.0	8557.2
0.0	42.5°	9584.3	10515.8	11003.3	11490.1	11977.6	12404.2	12162.6	11921.1	11679.5
0.0	45°	12925.8	14165.3	14759.6	15353.3	15947.5	16259.3	15911.5	15563.2	15215.4
0.0	47.5°	15263.2	16497.7	17026.8	17555.9	18085.0	18440.8	18015.4	17590.1	17165.3
0.0	50°	16326.4	17500.6	18031.6	18561.9	19092.8	19375.4	18884.2	18392.4	17901.2
0.0	52.5°	16531.9	17629.2	18262.6	18896.6	19530.0	19907.6	19327.6	18747.0	18167.0
0.0	55°	16754.2	17917.3	18651.9	19387.2	20121.8	20644.7	19988.9	19332.5	18676.8
0.0	57.5°	17172.8	18430.3	19163.0	19895.2	20627.9	21071.9	20414.3	19756.1	19098.4
0.0	60°	17210.0	18387.4	19017.1	19647.4	20277.1	20556.5	19927.5	19297.8	18668.7
0.0	62.5°	16099.1	16982.7	17419.9	17857.1	18294.3	18597.9	17941.5	17284.5	16628.2
0.0	65°	13437.5	13984.6	14333.0	14681.4	15029.7	15391.8	14790.7	14189.5	13588.4
0.0	67.5°	10647.4	11066.0	11524.9	11983.8	12442.7	12829.6	12348.3	11866.4	11385.2
	70°	8562.8	9127.3	9643.3	10159.3	10675.4	10992.1	10509.0	10025.2	9542.1
	72.5°	6802.9	7400.9	7831.9	8262.2	8693.2	8770.8	8415.6	8060.4	7705.8
	75°	4130.8	4487.2	4495.9	4504.0	4512.7	4586.6	4292.3	3997.9	3704.2
	77.5°	1218.4	1345.7	1450.6	1554.9	1659.9	1786.6	1678.5	1569.9	1461.8
	80°	352.7	385.0	412.3	439.0	466.4	450.2	424.8	399.3	373.8
	82.5°	63.3	59.6	59.0	58.4	58.4	55.3	50.3	45.3	40.4
	85°	11.2	10.6	9.9	9.3	8.7	8.1	6.8	6.2	5.0
	87.5°	3.7	3.1	2.5	1.9	1.9	0.6	0.6	0.6	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

CATALOG NUMBER: GALN-SA2B-735-U-RBC

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REPORT NUMBER: P1048998

CATALOG NUMBER: GALN-SA2B-735-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
0.0	0.0	2.5°	35.4	34.8	34.8	34.8	34.8	34.2	34.2	34.2	34.2
0.0	0.0	5°	39.1	39.1	38.5	38.5	37.9	37.9	37.3	37.3	36.6
0.0	0.0	7.5°	46.0	45.3	44.7	44.1	43.5	42.2	41.6	41.0	41.0
0.0	0.0	10°	55.3	54.0	53.4	52.2	51.5	50.3	49.1	47.8	46.6
0.0	0.0	12.5°	72.7	70.2	68.3	65.8	63.3	61.5	59.0	57.1	54.6
0.0	0.0	15°	126.1	119.9	113.0	104.9	96.3	88.2	79.5	74.5	68.9
0.0	0.0	17.5°	322.3	290.0	257.1	230.4	203.7	177.6	150.9	131.6	112.4
0.0	0.0	20°	820.3	730.9	641.5	553.3	464.5	376.3	287.5	242.8	198.1
0.0	0.0	22.5°	1543.8	1378.0	1211.5	1050.7	889.3	728.4	567.6	466.4	365.8
0.0	0.0	25°	2382.7	2174.1	1965.4	1700.9	1435.7	1171.2	906.6	742.1	577.5
0.0	0.0	27.5°	3100.6	2860.3	2619.9	2298.3	1976.6	1654.9	1333.3	1088.0	843.3
0.0	0.0	30°	3722.2	3463.9	3205.5	2831.1	2456.6	2082.2	1707.7	1400.9	1094.2
0.0	0.0	32.5°	4261.2	3952.0	3642.7	3256.5	2870.2	2483.9	2097.7	1721.4	1345.1
0.0	0.0	35°	4882.8	4522.0	4160.6	3732.1	3303.0	2874.5	2446.1	2021.3	1595.9
0.0	0.0	37.5°	5672.7	5229.9	4786.6	4309.0	3831.5	3354.6	2877.0	2391.4	1905.8
0.0	0.0	40°	7184.8	6613.5	6042.2	5435.5	4828.2	4221.5	3614.8	3018.6	2422.5
0.0	0.0	42.5°	9894.2	9122.3	8350.4	7543.1	6735.2	5927.9	5120.0	4279.2	3437.8
0.0	0.0	45°	12951.9	11994.4	11036.2	10130.1	9223.5	8317.5	7411.5	6257.7	5103.9
0.0	0.0	47.5°	14671.4	13637.5	12603.5	11746.0	10888.4	10030.8	9173.2	7929.4	6685.5
0.0	0.0	50°	15304.2	14251.6	13199.1	12409.8	11619.9	10830.6	10040.7	8795.0	7548.7
0.0	0.0	52.5°	15439.0	14365.3	13291.6	12497.3	11703.1	10909.5	10115.2	8877.6	7640.0
0.0	0.0	55°	15715.9	14564.0	13411.4	12506.0	11600.6	10695.2	9789.8	8532.4	7274.9
0.0	0.0	57.5°	16078.0	14896.8	13715.7	12684.3	11652.8	10622.0	9590.5	8215.6	6840.8
0.0	0.0	60°	15982.9	14955.2	13926.9	12822.1	11716.8	10612.0	9506.7	7994.6	6481.9
0.0	0.0	62.5°	14333.6	13515.1	12696.1	11787.6	10878.4	9969.9	9061.4	7504.6	5947.8
0.0	0.0	65°	11791.9	11194.5	10597.1	9866.2	9134.7	8403.8	7672.9	6276.9	4881.6
0.0	0.0	67.5°	9557.0	8883.8	8210.1	7627.6	7044.5	6462.0	5878.9	4780.4	3681.8
		70°	7592.8	6860.7	6127.9	5559.1	4989.6	4420.8	3852.0	3121.7	2392.0
		72.5°	6029.8	5369.7	4709.6	4102.9	3495.5	2888.8	2281.5	1849.9	1418.3
		75°	2882.0	2618.1	2354.2	2036.8	1719.5	1402.2	1084.9	896.7	709.2
		77.5°	1068.1	925.9	783.1	653.9	524.7	396.2	267.0	244.7	222.3
		80°	276.3	240.9	204.9	179.5	153.4	127.9	102.5	92.5	83.2
		82.5°	31.7	29.2	27.3	26.1	24.2	23.0	21.1	19.3	17.4
		85°	1.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048998

CATALOG NUMBER: GALN-SA2B-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048998

CATALOG NUMBER: GALN-SA2B-735-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	36.0	36.0
0.0	0.0	2.5°	33.5	32.9
0.0	0.0	5°	35.4	34.8
0.0	0.0	7.5°	39.1	37.9
0.0	0.0	10°	42.8	41.6
0.0	0.0	12.5°	48.4	46.6
0.0	0.0	15°	54.6	50.9
0.0	0.0	17.5°	65.2	57.1
0.0	0.0	20°	88.2	67.7
0.0	0.0	22.5°	124.2	84.5
0.0	0.0	25°	182.6	116.7
0.0	0.0	27.5°	254.0	155.2
0.0	0.0	30°	337.8	194.4
0.0	0.0	32.5°	411.7	231.6
0.0	0.0	35°	508.0	269.5
0.0	0.0	37.5°	626.6	317.9
0.0	0.0	40°	810.4	391.2
0.0	0.0	42.5°	1141.4	526.6
0.0	0.0	45°	1853.6	910.4
0.0	0.0	47.5°	2852.2	1505.9
0.0	0.0	50°	3489.3	1922.0
0.0	0.0	52.5°	3541.5	1918.8
0.0	0.0	55°	3232.9	1705.8
0.0	0.0	57.5°	2758.4	1425.8
0.0	0.0	60°	2292.7	1127.7
0.0	0.0	62.5°	1806.4	778.7
0.0	0.0	65°	1320.2	550.8
0.0	0.0	67.5°	948.2	411.7
		70°	623.5	315.5
		72.5°	406.1	257.1
		75°	273.2	213.0
		77.5°	159.6	141.6
		80°	56.5	49.7
		82.5°	10.6	7.5
		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: P1048998

CATALOG NUMBER: GALN-SA2B-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

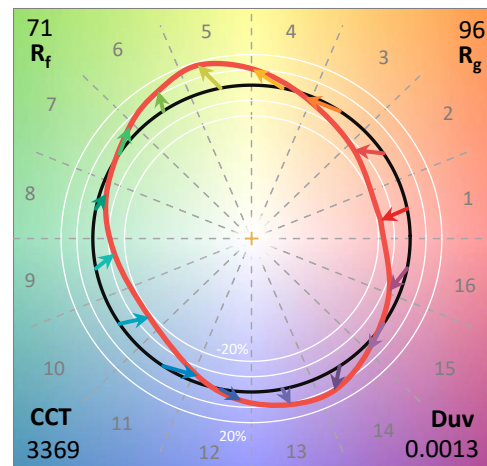
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

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

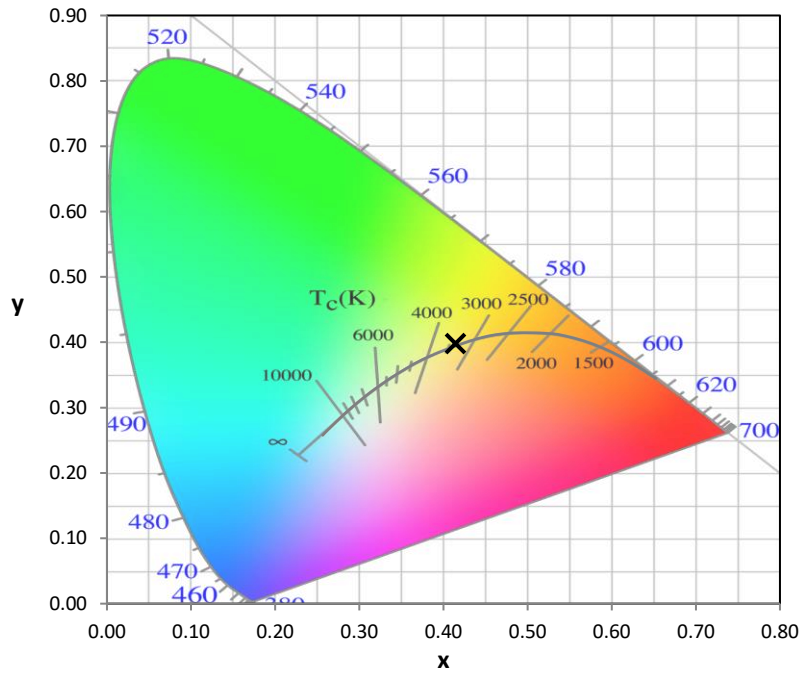
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

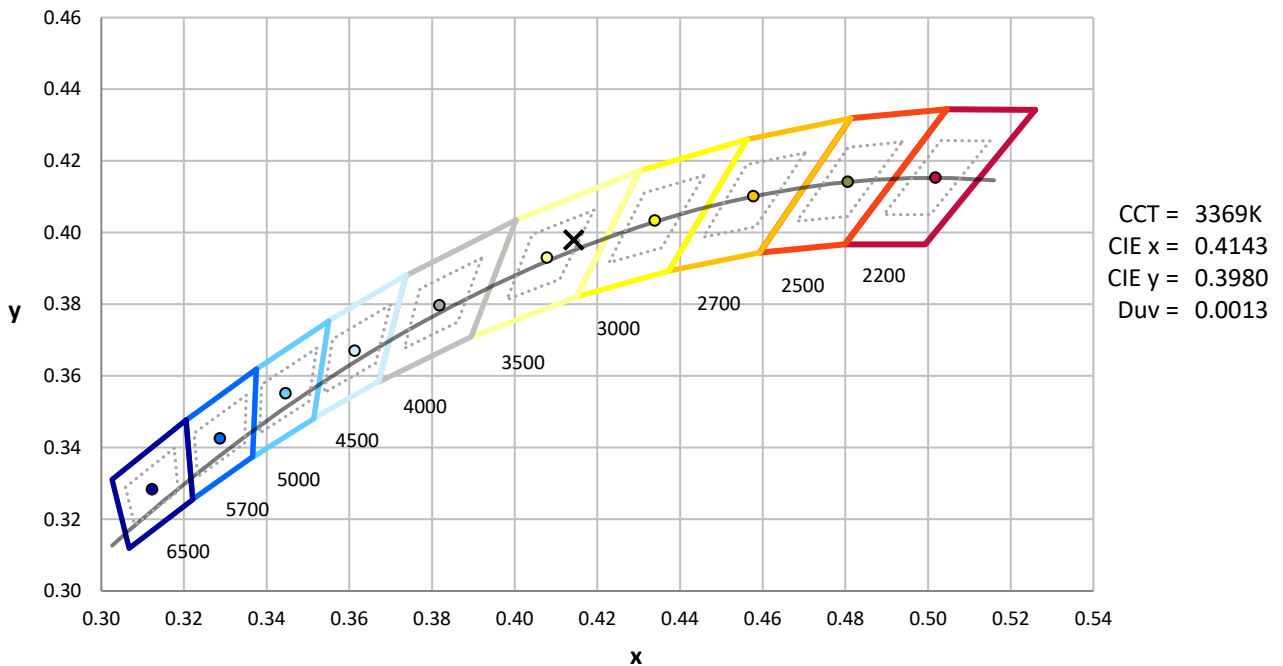
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



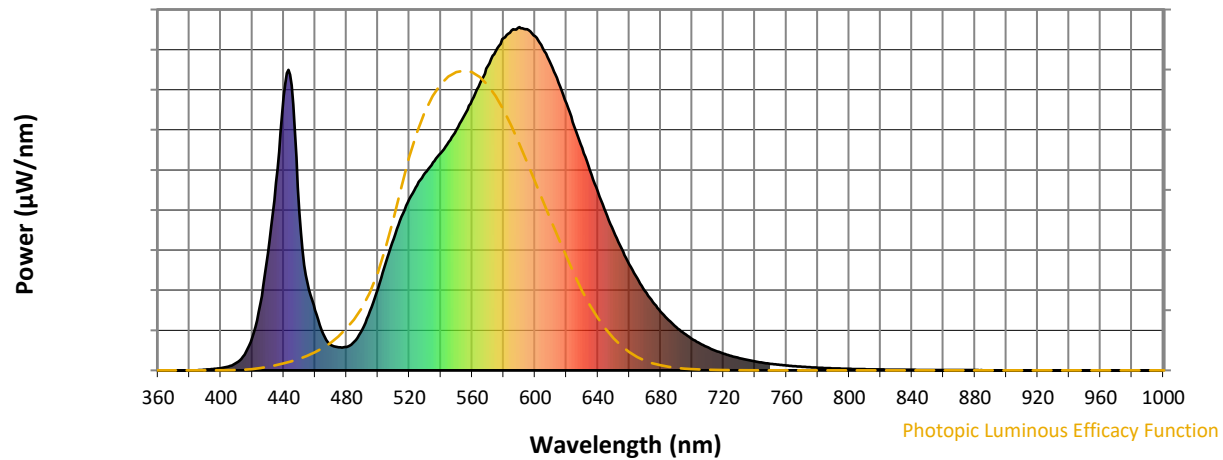
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength

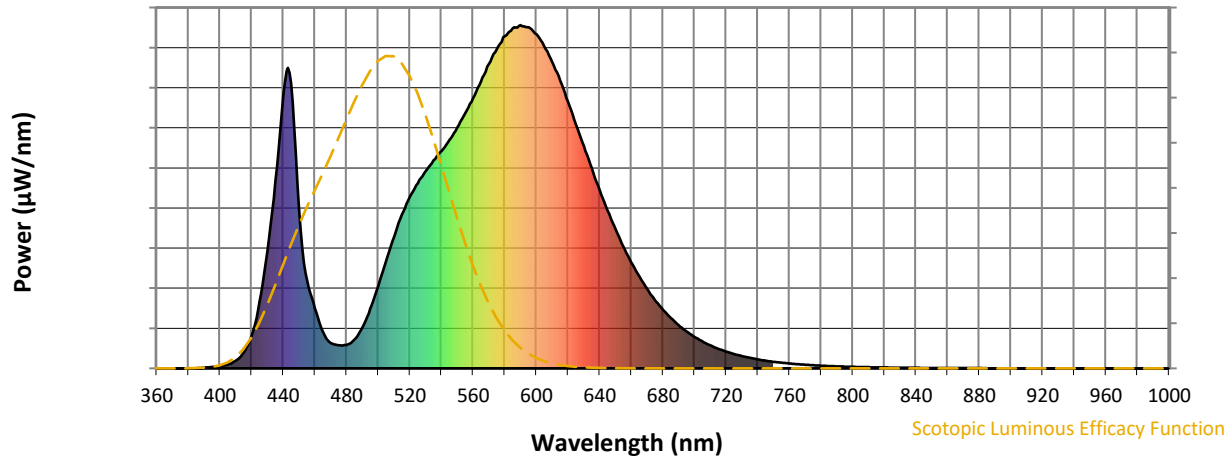


Photopic Lumens: NR

λ (nm)	Power W/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

Scotopic Flux vs. Wavelength



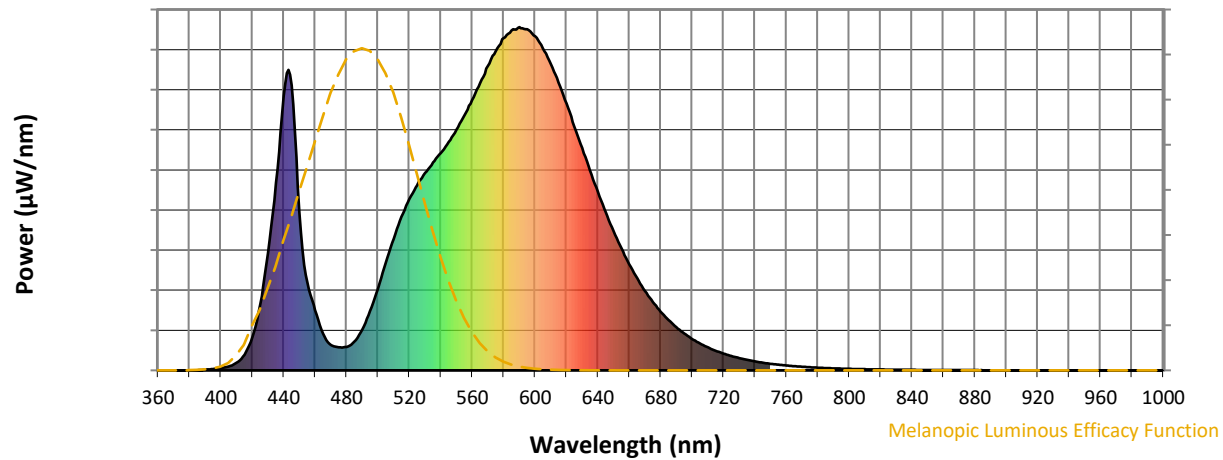
Scotopic Lumens: NR

S/P: 1.29

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

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.36

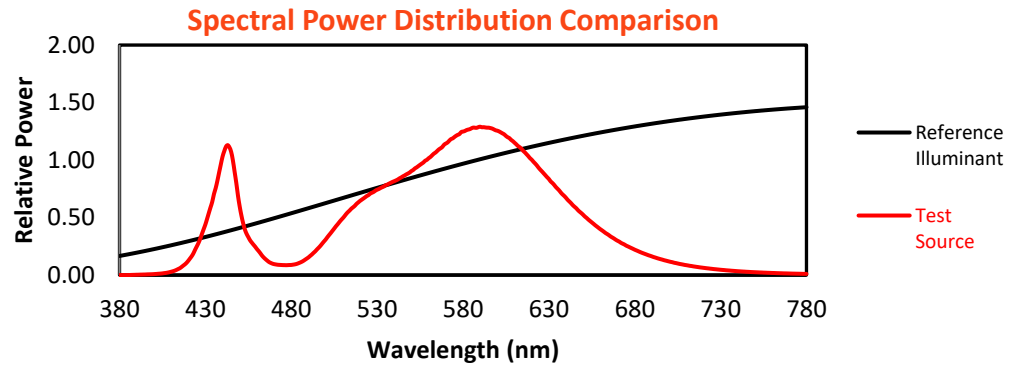
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	778	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

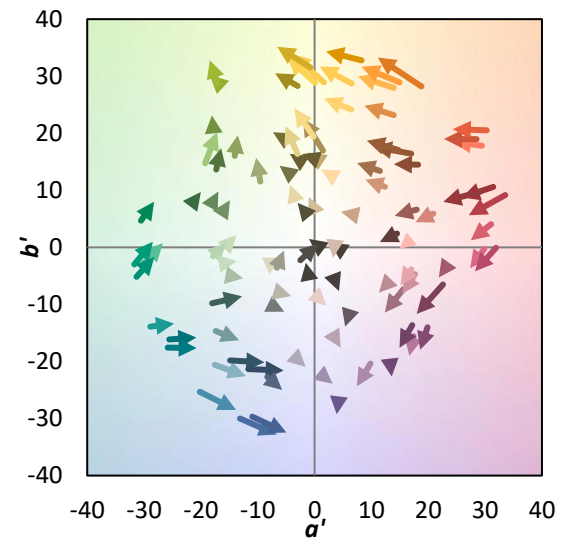
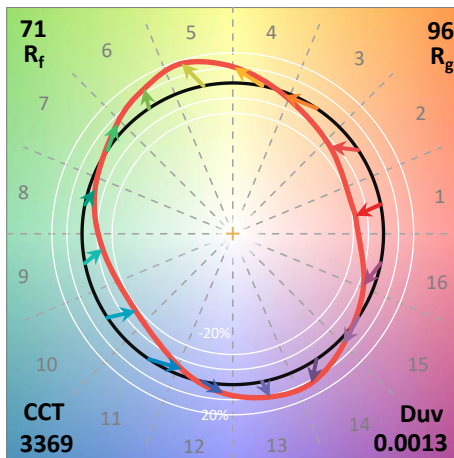
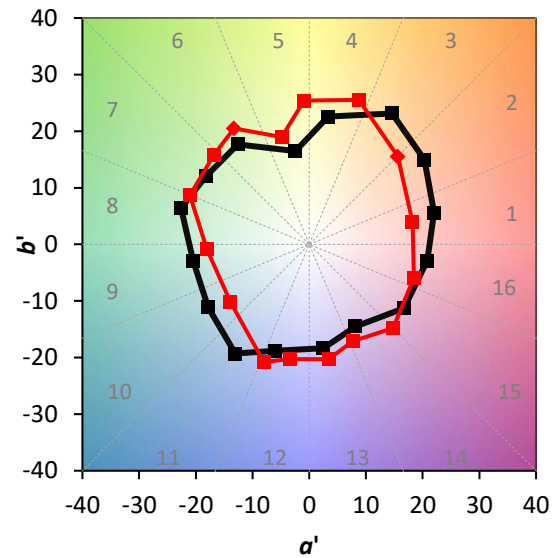
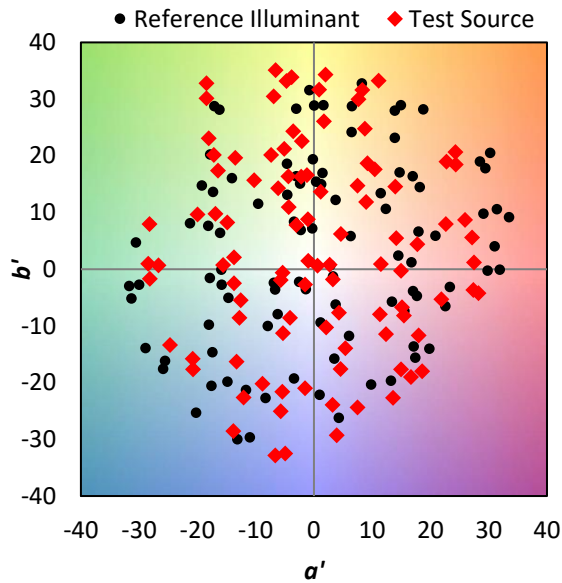
TM-30-18

Summary

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

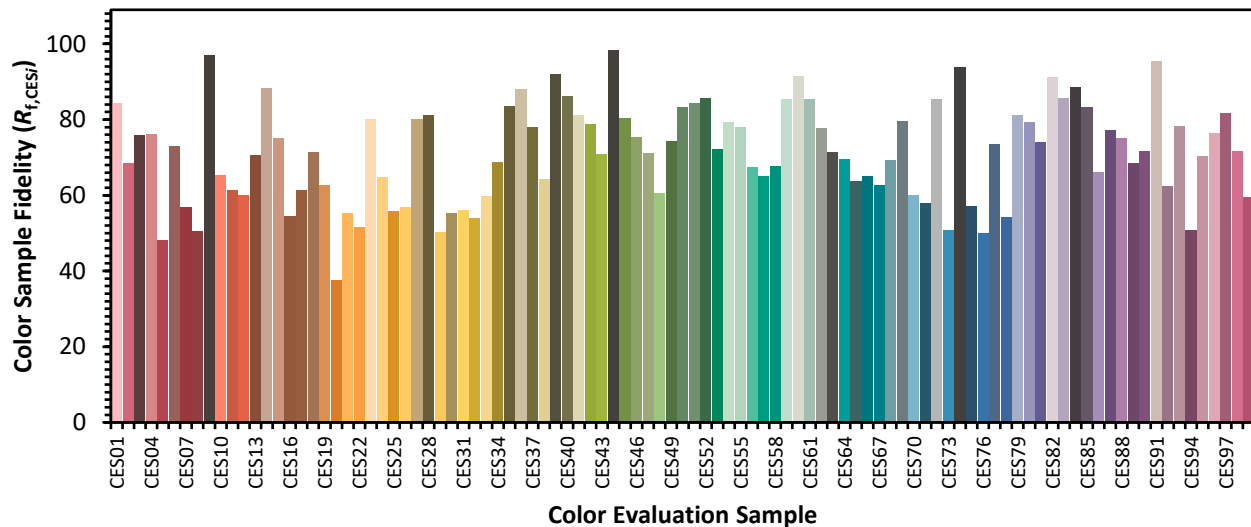


Color Vector Graphics

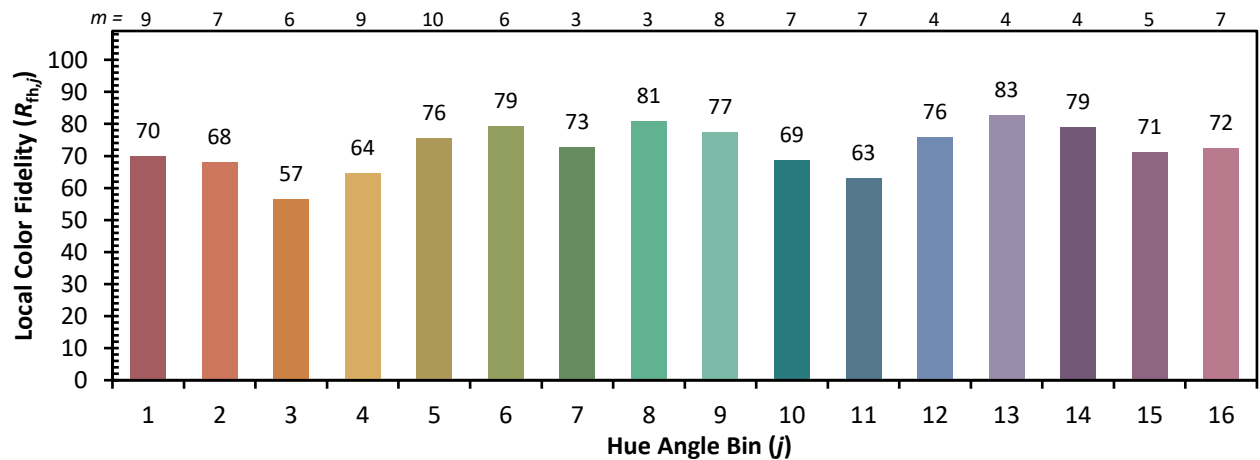
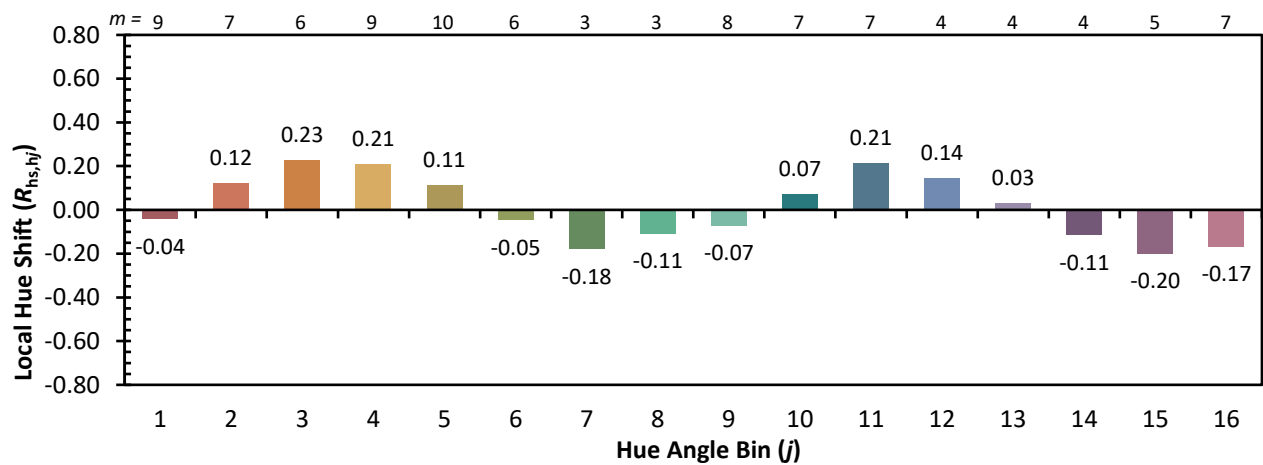
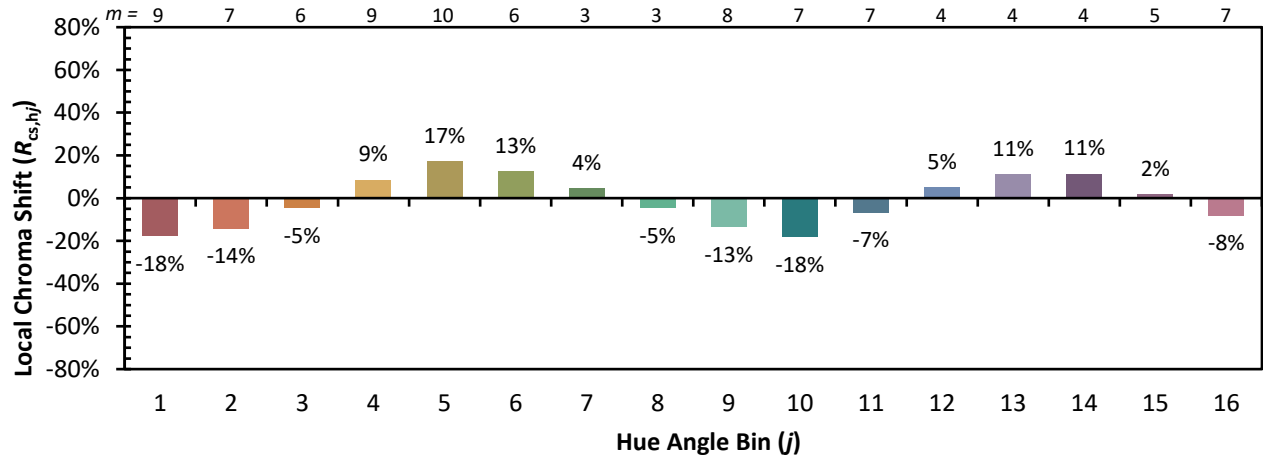


Individual Sample Fidelity Index ($R_{f,i}$)

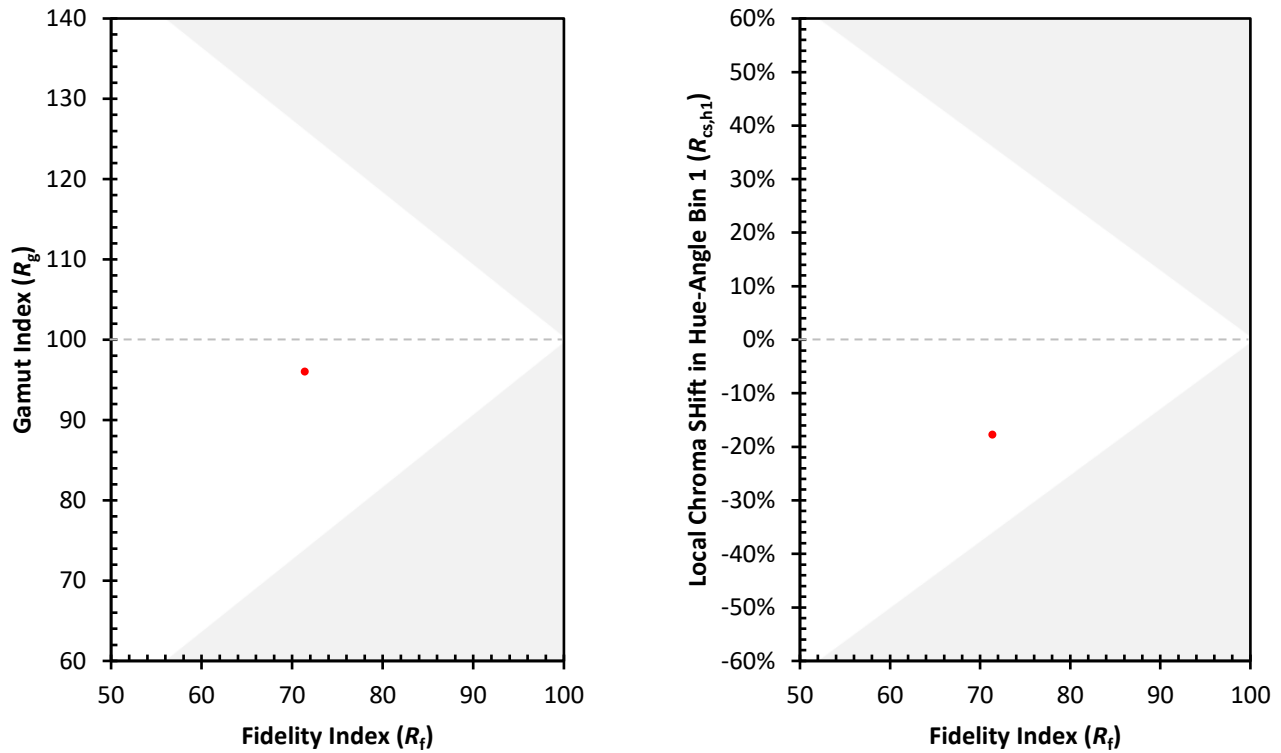
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82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