

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: P1049002

Luminaire Tested: **GALN-SA3B-735-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049002
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3B-735-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 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: 12617.7 lumens
Efficiency: N/A
Efficacy: 118.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

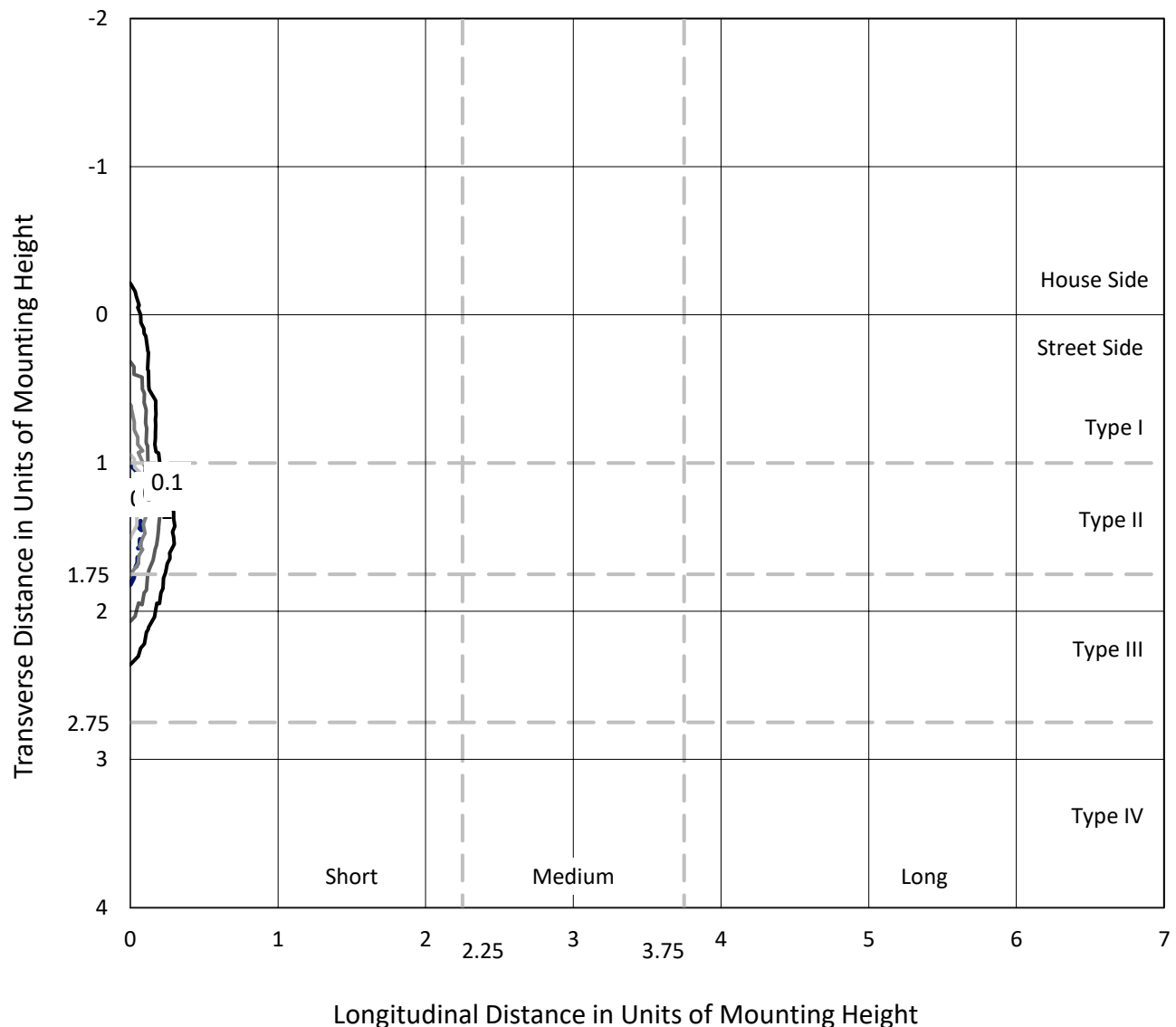
Input Watts (W): 106.2
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

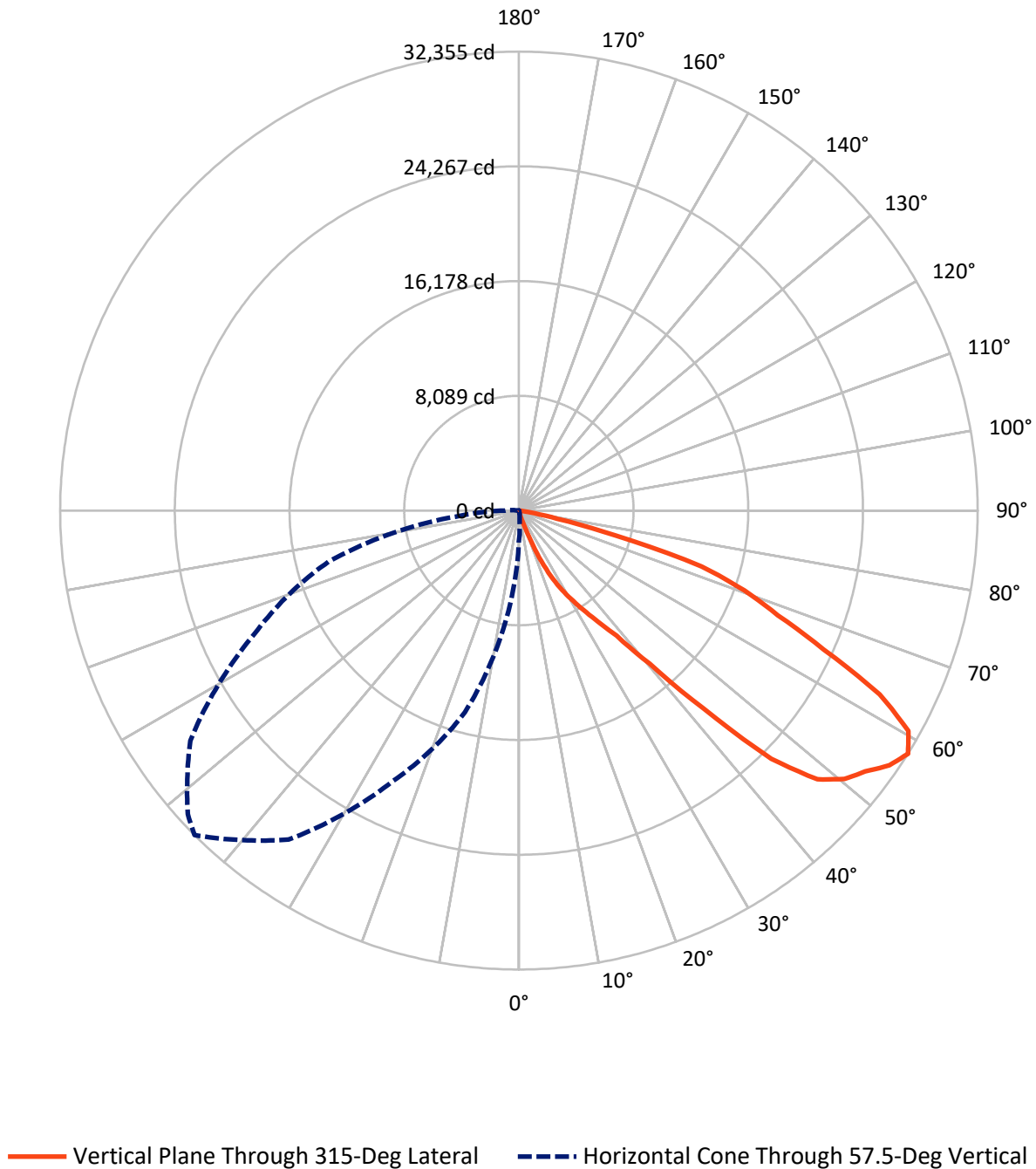
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 1.9 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	63.2	0.0	63.2
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	12554.5	0.0	12554.5
	% Fixture	99.5	0.0	99.5
Total	Lumens	12617.7	0.0	12617.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.9	0.0
10°-20°	27.7	0.2
20°-30°	299.0	2.4
30°-40°	884.3	7.0
40°-50°	2635.3	20.9
50°-60°	4178.7	33.1
60°-70°	3488.2	27.6
70°-80°	1075.6	8.5
80°-90°	23.9	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°	12617.7	100.0
0°-180°	12617.7	100.0

Coefficient of Utilization



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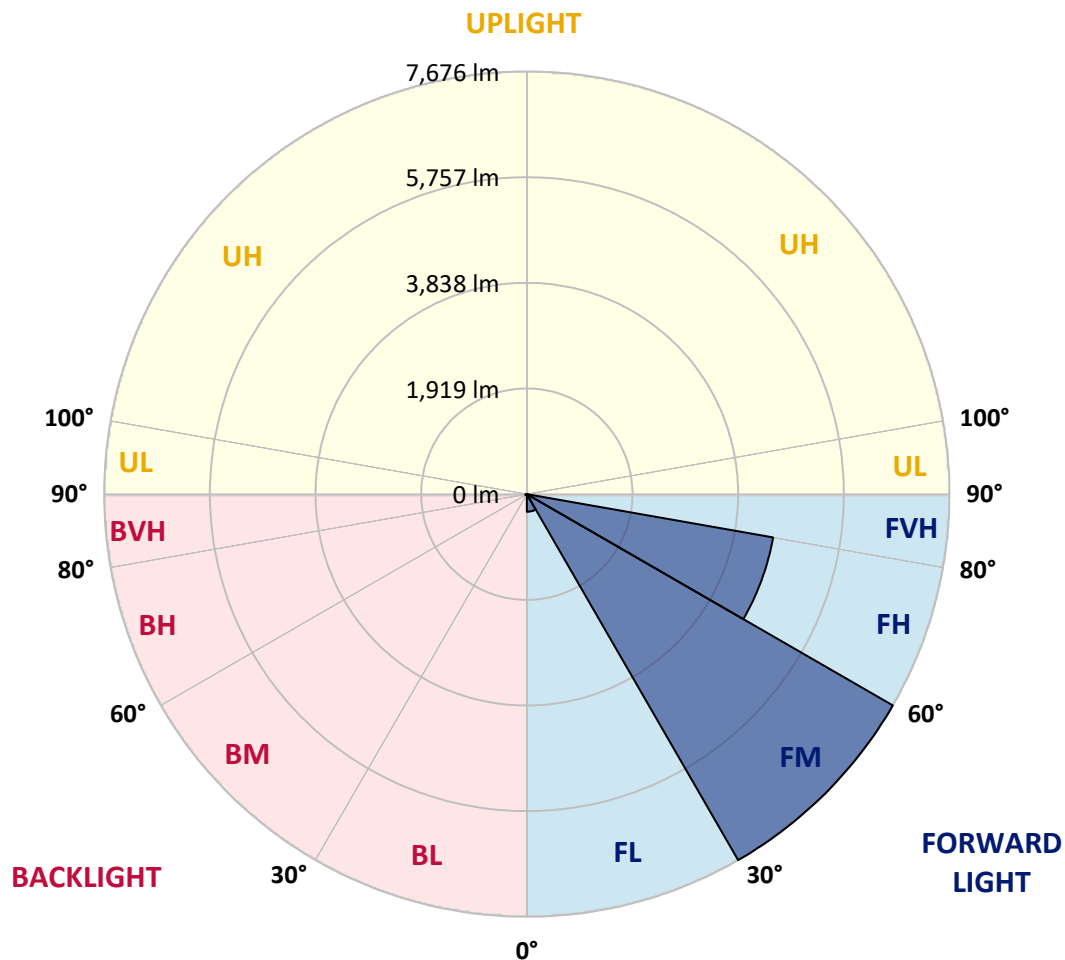
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	320.1	2.5			
FM	(30°-60°)	7675.7	60.8			
FH	(60°-80°)	4540.2	36.0			G2/5000
FVH	(80°-90°)	18.5	0.1			G1/100
BL	(0°-30°)	11.6	0.1	B0/110		
BM	(30°-60°)	22.6	0.2	B0/220		
BH	(60°-80°)	23.6	0.2	B0/110		G0/110
BVH	(80°-90°)	5.4	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
2.5°	50.5	50.5	50.5	50.5	49.6	49.6	48.6	48.6	47.7	47.7
5°	53.4	53.4	52.4	51.5	51.5	50.5	49.6	48.6	48.6	47.7
7.5°	58.2	57.2	56.3	55.3	53.4	52.4	50.5	49.6	48.6	46.7
10°	63.9	62.0	60.1	58.2	56.3	54.3	52.4	51.5	49.6	48.6
12.5°	71.5	68.7	64.8	62.0	60.1	57.2	55.3	53.4	50.5	48.6
15°	78.2	74.4	69.6	65.8	62.9	59.1	56.3	53.4	51.5	48.6
17.5°	87.7	81.0	73.4	68.7	64.8	60.1	55.3	52.4	49.6	45.8
20°	103.9	90.6	76.3	70.6	64.8	59.1	53.4	49.6	46.7	42.9
22.5°	129.7	106.8	83.9	75.3	67.7	59.1	51.5	47.7	43.9	40.0
25°	179.3	138.3	97.3	85.8	74.4	62.9	51.5	46.7	42.9	38.1
27.5°	238.4	177.4	115.4	99.2	83.9	67.7	51.5	45.8	41.0	35.3
30°	298.4	217.4	135.4	114.4	93.4	72.5	51.5	44.8	39.1	32.4
32.5°	355.7	254.6	152.6	127.8	103.0	77.2	52.4	44.8	37.2	29.6
35°	413.8	285.1	155.4	129.7	103.9	77.2	51.5	42.9	35.3	26.7
37.5°	488.2	319.4	149.7	124.0	99.2	73.4	48.6	41.0	33.4	24.8
40°	600.7	376.6	152.6	125.9	99.2	72.5	45.8	38.1	31.5	23.8
42.5°	808.6	487.2	165.0	134.4	103.9	72.5	42.0	35.3	29.6	22.9
45°	1397.8	809.5	221.2	175.4	129.7	83.9	38.1	32.4	27.7	21.9
47.5°	2312.3	1354.9	397.6	307.0	217.4	126.8	37.2	32.4	27.7	21.9
50°	2951.1	1725.8	500.6	385.2	269.8	154.5	39.1	33.4	28.6	22.9
52.5°	2946.3	1752.5	557.8	428.1	299.4	169.7	41.0	35.3	30.5	24.8
55°	2619.3	1594.3	568.3	436.7	306.1	174.5	43.9	38.1	32.4	26.7
57.5°	2189.3	1354.0	518.7	401.4	285.1	167.8	50.5	43.9	38.1	31.5
60°	1731.6	1067.9	404.3	319.4	235.5	150.7	66.7	58.2	50.5	42.0
62.5°	1195.7	774.2	352.8	283.2	214.5	144.9	76.3	67.7	60.1	51.5
65°	845.8	582.6	318.5	259.4	201.2	142.1	83.0	73.4	64.8	55.3
67.5°	632.2	463.4	293.7	243.1	192.6	142.1	91.5	80.1	69.6	58.2
70°	484.4	380.4	275.6	234.6	194.5	153.5	112.5	96.3	81.0	64.8
72.5°	394.8	325.1	254.6	225.0	195.5	165.9	136.4	115.4	94.4	72.5
75°	327.1	278.4	229.8	205.0	181.2	156.4	131.6	112.5	94.4	75.3
77.5°	217.4	198.3	178.3	164.0	149.7	134.4	120.1	103.9	88.7	72.5
80°	76.3	73.4	70.6	76.3	82.0	87.7	93.4	82.0	71.5	60.1
82.5°	11.4	10.5	9.5	10.5	11.4	12.4	13.3	14.3	15.3	16.2
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°	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
0.0	2.5°	46.7	46.7	45.8	45.8	45.8	44.8	44.8	43.9	43.9	43.9
0.0	5°	45.8	45.8	44.8	43.9	42.9	42.9	42.0	41.0	41.0	40.0
0.0	7.5°	44.8	43.9	42.9	42.0	41.0	40.0	39.1	38.1	38.1	37.2
0.0	10°	45.8	43.9	42.9	41.0	40.0	39.1	37.2	36.2	35.3	35.3
0.0	12.5°	43.9	42.9	41.0	39.1	38.1	36.2	35.3	33.4	32.4	32.4
0.0	15°	43.9	42.0	39.1	37.2	35.3	34.3	32.4	30.5	29.6	28.6
0.0	17.5°	41.0	39.1	36.2	34.3	32.4	30.5	28.6	26.7	25.7	24.8
0.0	20°	37.2	35.3	32.4	29.6	27.7	25.7	23.8	21.9	21.0	20.0
0.0	22.5°	33.4	31.5	28.6	25.7	23.8	21.9	19.1	17.2	16.2	14.3
0.0	25°	31.5	28.6	25.7	22.9	20.0	18.1	15.3	12.4	10.5	8.6
0.0	27.5°	26.7	23.8	21.0	18.1	15.3	12.4	9.5	6.7	4.8	3.8
0.0	30°	22.9	20.0	17.2	14.3	10.5	7.6	4.8	1.0	1.0	1.0
0.0	32.5°	19.1	16.2	12.4	9.5	7.6	4.8	2.9	0.0	0.0	0.0
0.0	35°	15.3	12.4	8.6	5.7	4.8	2.9	1.9	0.0	0.0	0.0
0.0	37.5°	13.3	10.5	6.7	2.9	1.9	1.9	1.0	0.0	0.0	0.0
0.0	40°	12.4	8.6	4.8	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.0	42.5°	12.4	8.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	12.4	8.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	12.4	8.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	13.3	9.5	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	15.3	11.4	7.6	3.8	2.9	1.9	1.0	0.0	0.0	0.0
0.0	55°	19.1	17.2	14.3	12.4	9.5	6.7	2.9	0.0	0.0	0.0
0.0	57.5°	24.8	24.8	23.8	22.9	17.2	11.4	5.7	0.0	0.0	0.0
0.0	60°	33.4	33.4	33.4	33.4	24.8	17.2	8.6	0.0	0.0	0.0
0.0	62.5°	41.0	39.1	36.2	34.3	25.7	17.2	8.6	0.0	0.0	0.0
0.0	65°	41.0	37.2	32.4	27.7	21.0	14.3	6.7	0.0	0.0	0.0
0.0	67.5°	38.1	30.5	21.9	14.3	10.5	7.6	3.8	0.0	0.0	0.0
	70°	38.1	26.7	15.3	3.8	2.9	1.9	1.0	0.0	0.0	0.0
	72.5°	38.1	25.7	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	42.0	28.6	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	42.0	28.6	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	37.2	24.8	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	12.4	8.6	3.8	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°	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
0.0	2.5°	42.9	42.9	42.9	42.0	42.0	42.0	42.0	41.0	41.0	41.0
0.0	5°	39.1	39.1	38.1	38.1	37.2	37.2	36.2	36.2	35.3	35.3
0.0	7.5°	36.2	35.3	35.3	34.3	33.4	33.4	32.4	32.4	31.5	30.5
0.0	10°	33.4	32.4	32.4	31.5	30.5	29.6	29.6	28.6	27.7	26.7
0.0	12.5°	30.5	29.6	28.6	27.7	26.7	25.7	25.7	24.8	23.8	22.9
0.0	15°	26.7	25.7	24.8	23.8	22.9	21.9	21.9	21.0	20.0	19.1
0.0	17.5°	22.9	21.9	21.9	21.0	20.0	19.1	18.1	16.2	15.3	14.3
0.0	20°	17.2	16.2	15.3	14.3	13.3	11.4	10.5	8.6	6.7	5.7
0.0	22.5°	11.4	9.5	8.6	6.7	4.8	3.8	2.9	1.0	0.0	0.0
0.0	25°	3.8	2.9	1.9	1.0	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: P1049002

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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049002

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CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
0.0	2.5°	40.0	40.0	40.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1
0.0	5°	34.3	34.3	34.3	33.4	33.4	32.4	32.4	32.4	31.5	31.5
0.0	7.5°	29.6	28.6	28.6	27.7	27.7	26.7	26.7	26.7	25.7	25.7
0.0	10°	24.8	23.8	23.8	22.9	22.9	21.9	21.9	21.0	21.0	20.0
0.0	12.5°	21.9	21.0	20.0	19.1	19.1	18.1	17.2	17.2	16.2	15.3
0.0	15°	17.2	16.2	15.3	14.3	13.3	12.4	11.4	11.4	10.5	9.5
0.0	17.5°	11.4	9.5	8.6	7.6	7.6	6.7	5.7	4.8	3.8	2.9
0.0	20°	2.9	1.9	1.0	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: P1049002

CATALOG NUMBER: GALN-SA3B-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°	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
0.0	2.5°	39.1	38.1	38.1	38.1	39.1	39.1	39.1	39.1	39.1	39.1
0.0	5°	31.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
0.0	7.5°	25.7	24.8	24.8	24.8	24.8	23.8	23.8	23.8	23.8	23.8
0.0	10°	20.0	19.1	19.1	19.1	19.1	18.1	18.1	18.1	18.1	18.1
0.0	12.5°	14.3	14.3	13.3	13.3	13.3	12.4	12.4	12.4	12.4	11.4
0.0	15°	8.6	7.6	6.7	6.7	6.7	5.7	5.7	5.7	5.7	4.8
0.0	17.5°	1.9	1.9	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CATALOG NUMBER: GALN-SA3B-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°	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
0.0	2.5°	40.0	40.0	41.0	41.0	42.0	43.9	44.8	45.8	47.7	49.6
0.0	5°	31.5	32.4	32.4	33.4	34.3	35.3	36.2	37.2	39.1	41.0
0.0	7.5°	24.8	24.8	25.7	25.7	26.7	28.6	29.6	30.5	32.4	35.3
0.0	10°	19.1	19.1	20.0	20.0	21.0	22.9	23.8	24.8	26.7	29.6
0.0	12.5°	12.4	13.3	13.3	14.3	15.3	17.2	18.1	19.1	21.0	22.9
0.0	15°	5.7	6.7	6.7	7.6	8.6	10.5	11.4	12.4	14.3	17.2
0.0	17.5°	1.0	1.0	1.9	1.9	2.9	3.8	4.8	5.7	8.6	10.5
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	3.8
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049002

CATALOG NUMBER: GALN-SA3B-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°	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
0.0	2.5°	52.4	54.3	56.3	58.2	60.1	62.0	62.9	64.8	65.8	66.7
0.0	5°	44.8	46.7	49.6	51.5	53.4	55.3	57.2	58.2	59.1	60.1
0.0	7.5°	39.1	41.0	43.9	45.8	47.7	49.6	51.5	53.4	54.3	55.3
0.0	10°	33.4	36.2	38.1	41.0	42.9	44.8	46.7	48.6	50.5	51.5
0.0	12.5°	26.7	29.6	32.4	34.3	37.2	40.0	42.0	43.9	45.8	47.7
0.0	15°	21.0	23.8	26.7	28.6	31.5	34.3	37.2	39.1	41.0	42.9
0.0	17.5°	15.3	18.1	21.0	22.9	25.7	28.6	30.5	33.4	35.3	37.2
0.0	20°	7.6	10.5	13.3	16.2	19.1	21.9	23.8	26.7	28.6	30.5
0.0	22.5°	1.0	3.8	6.7	8.6	11.4	14.3	16.2	19.1	21.0	22.9
0.0	25°	0.0	1.0	2.9	3.8	4.8	6.7	8.6	10.5	12.4	14.3
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.0	1.9	3.8	5.7	7.6
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
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	1.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.9
	85°	0.0	0.0	0.0	0.0	0.0	1.9	2.9	4.8	5.7	6.7
	87.5°	0.0	1.0	1.9	2.9	3.8	5.7	7.6	9.5	10.5	11.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049002

CATALOG NUMBER: GALN-SA3B-735-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
55.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.9	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											
1.0											
3.8											
8.6											
12.4											
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REPORT NUMBER: P1049002

CATALOG NUMBER: GALN-SA3B-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°	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
0.0	2.5°	67.7	67.7	67.7	67.7	66.7	66.7	66.7	65.8	65.8	64.8
0.0	5°	62.0	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.0	62.0
0.0	7.5°	57.2	58.2	59.1	59.1	60.1	60.1	60.1	59.1	59.1	58.2
0.0	10°	54.3	55.3	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
0.0	12.5°	50.5	51.5	52.4	52.4	53.4	53.4	53.4	53.4	52.4	52.4
0.0	15°	45.8	47.7	48.6	49.6	49.6	50.5	50.5	50.5	50.5	50.5
0.0	17.5°	42.0	43.9	44.8	45.8	45.8	46.7	46.7	47.7	47.7	47.7
0.0	20°	34.3	36.2	37.2	39.1	40.0	41.0	42.0	42.9	42.9	43.9
0.0	22.5°	26.7	28.6	29.6	31.5	32.4	33.4	34.3	35.3	36.2	37.2
0.0	25°	19.1	21.0	21.9	23.8	24.8	25.7	26.7	27.7	27.7	28.6
0.0	27.5°	10.5	12.4	14.3	15.3	17.2	18.1	19.1	20.0	21.0	21.9
0.0	30°	4.8	5.7	6.7	8.6	9.5	10.5	11.4	13.3	14.3	15.3
0.0	32.5°	0.0	0.0	1.0	2.9	3.8	4.8	5.7	6.7	6.7	7.6
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.9	2.9	3.8
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°	1.9	1.9	1.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
	82.5°	4.8	5.7	6.7	6.7	7.6	7.6	7.6	7.6	6.7	6.7
	85°	9.5	10.5	11.4	11.4	12.4	12.4	12.4	12.4	12.4	12.4
	87.5°	13.3	14.3	15.3	15.3	16.2	16.2	16.2	16.2	16.2	16.2
	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: P1049002

CATALOG NUMBER: GALN-SA3B-735-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
55.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	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											
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2.9											
6.7											
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REPORT NUMBER: P1049002

CATALOG NUMBER: GALN-SA3B-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°	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
0.0	2.5°	63.9	63.9	62.9	62.9	62.9	62.9	62.9	63.9	64.8	64.8
0.0	5°	61.0	61.0	60.1	60.1	60.1	61.0	61.0	62.0	62.9	63.9
0.0	7.5°	58.2	57.2	57.2	58.2	58.2	59.1	59.1	60.1	61.0	62.0
0.0	10°	56.3	55.3	55.3	55.3	56.3	56.3	57.2	58.2	59.1	60.1
0.0	12.5°	52.4	52.4	52.4	52.4	53.4	53.4	54.3	55.3	57.2	58.2
0.0	15°	50.5	49.6	49.6	49.6	49.6	50.5	50.5	52.4	54.3	55.3
0.0	17.5°	46.7	46.7	45.8	45.8	46.7	46.7	47.7	49.6	51.5	52.4
0.0	20°	42.9	42.0	41.0	41.0	42.0	42.0	42.9	44.8	46.7	47.7
0.0	22.5°	37.2	36.2	36.2	36.2	36.2	37.2	37.2	39.1	42.0	43.9
0.0	25°	29.6	30.5	30.5	31.5	31.5	32.4	33.4	35.3	38.1	40.0
0.0	27.5°	22.9	23.8	23.8	25.7	26.7	27.7	28.6	31.5	34.3	36.2
0.0	30°	17.2	18.1	19.1	20.0	21.9	23.8	25.7	28.6	31.5	33.4
0.0	32.5°	10.5	12.4	13.3	15.3	17.2	19.1	21.0	23.8	27.7	30.5
0.0	35°	7.6	8.6	10.5	11.4	13.3	15.3	17.2	21.0	23.8	27.7
0.0	37.5°	3.8	5.7	7.6	9.5	11.4	13.3	15.3	19.1	22.9	25.7
0.0	40°	2.9	4.8	5.7	7.6	10.5	12.4	14.3	18.1	21.9	25.7
0.0	42.5°	1.9	2.9	3.8	6.7	8.6	11.4	14.3	18.1	21.9	25.7
0.0	45°	1.9	1.9	2.9	5.7	8.6	12.4	15.3	19.1	21.9	25.7
0.0	47.5°	1.9	2.9	3.8	7.6	9.5	12.4	15.3	18.1	21.9	24.8
0.0	50°	2.9	3.8	4.8	8.6	10.5	13.3	15.3	19.1	21.9	25.7
0.0	52.5°	1.9	2.9	3.8	7.6	10.5	14.3	17.2	21.0	24.8	27.7
0.0	55°	1.0	1.0	1.0	5.7	11.4	16.2	21.9	24.8	28.6	31.5
0.0	57.5°	0.0	0.0	0.0	3.8	11.4	18.1	24.8	28.6	32.4	35.3
0.0	60°	0.0	0.0	0.0	3.8	11.4	18.1	24.8	29.6	34.3	39.1
0.0	62.5°	0.0	0.0	0.0	3.8	9.5	15.3	21.0	28.6	37.2	44.8
0.0	65°	0.0	0.0	0.0	2.9	7.6	12.4	17.2	28.6	40.0	50.5
0.0	67.5°	0.0	0.0	0.0	2.9	7.6	11.4	16.2	28.6	40.0	52.4
	70°	0.0	0.0	0.0	2.9	7.6	12.4	17.2	28.6	40.0	51.5
	72.5°	0.0	0.0	0.0	2.9	8.6	13.3	19.1	28.6	38.1	47.7
	75°	0.0	0.0	0.0	3.8	8.6	14.3	20.0	28.6	37.2	44.8
	77.5°	0.0	0.0	0.0	2.9	8.6	13.3	19.1	27.7	36.2	43.9
	80°	2.9	1.9	1.9	4.8	8.6	12.4	16.2	24.8	34.3	42.9
	82.5°	5.7	5.7	4.8	6.7	8.6	11.4	14.3	21.9	30.5	38.1
	85°	11.4	11.4	10.5	11.4	11.4	12.4	13.3	17.2	21.0	24.8
	87.5°	15.3	15.3	14.3	14.3	14.3	13.3	13.3	13.3	13.3	12.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
55.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.9											
57.2											
53.4											
52.4											
51.5											
45.8											
28.6											
12.4											
0.0											
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REPORT NUMBER: P1049002

CATALOG NUMBER: GALN-SA3B-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°	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
0.0	2.5°	66.7	67.7	67.7	68.7	69.6	70.6	70.6	71.5	71.5	71.5
0.0	5°	65.8	67.7	68.7	69.6	70.6	71.5	72.5	73.4	74.4	74.4
0.0	7.5°	64.8	65.8	67.7	68.7	70.6	71.5	73.4	74.4	75.3	76.3
0.0	10°	62.9	64.8	66.7	68.7	70.6	72.5	74.4	76.3	78.2	79.1
0.0	12.5°	61.0	63.9	65.8	67.7	70.6	73.4	75.3	78.2	80.1	82.0
0.0	15°	60.1	62.0	64.8	66.7	70.6	74.4	77.2	81.0	84.9	87.7
0.0	17.5°	57.2	61.0	63.9	66.7	70.6	75.3	79.1	83.0	88.7	94.4
0.0	20°	53.4	56.3	60.1	62.9	68.7	73.4	79.1	83.9	92.5	101.1
0.0	22.5°	49.6	53.4	56.3	60.1	66.7	72.5	79.1	84.9	99.2	112.5
0.0	25°	45.8	50.5	54.3	58.2	65.8	73.4	81.0	88.7	112.5	136.4
0.0	27.5°	43.9	47.7	52.4	56.3	65.8	76.3	85.8	95.4	133.5	170.7
0.0	30°	41.0	45.8	49.6	54.3	66.7	79.1	91.5	103.9	162.1	220.3
0.0	32.5°	38.1	42.9	47.7	52.4	68.7	84.9	100.1	116.3	192.6	267.9
0.0	35°	35.3	41.0	45.8	50.5	71.5	93.4	114.4	135.4	220.3	304.2
0.0	37.5°	34.3	40.0	44.8	49.6	72.5	94.4	117.3	139.2	223.1	307.0
0.0	40°	35.3	40.0	45.8	50.5	69.6	88.7	106.8	125.9	213.6	300.4
0.0	42.5°	35.3	41.0	46.7	52.4	67.7	83.0	98.2	113.5	210.7	308.0
0.0	45°	34.3	40.0	45.8	51.5	65.8	79.1	93.4	106.8	227.9	348.0
0.0	47.5°	33.4	39.1	44.8	50.5	64.8	79.1	93.4	107.7	294.6	480.6
0.0	50°	33.4	39.1	43.9	48.6	65.8	83.9	101.1	118.2	429.1	739.0
0.0	52.5°	35.3	40.0	43.9	47.7	67.7	88.7	108.7	128.7	545.4	961.1
0.0	55°	38.1	41.0	44.8	47.7	72.5	96.3	121.1	144.9	580.7	1016.4
0.0	57.5°	42.0	44.8	47.7	50.5	81.0	111.6	141.1	171.6	583.5	994.5
0.0	60°	46.7	50.5	53.4	56.3	88.7	122.0	154.5	186.9	528.2	868.6
0.0	62.5°	57.2	62.0	65.8	70.6	102.0	132.5	164.0	194.5	438.6	682.7
0.0	65°	65.8	69.6	73.4	77.2	107.7	139.2	169.7	200.2	371.9	543.5
0.0	67.5°	67.7	71.5	74.4	78.2	109.7	141.1	171.6	203.1	318.5	432.9
	70°	68.7	73.4	79.1	83.9	116.3	148.7	180.2	212.6	282.2	351.8
	72.5°	65.8	75.3	83.9	92.5	123.0	152.6	183.1	212.6	262.2	311.8
	75°	65.8	79.1	91.5	103.9	126.8	148.7	171.6	193.6	231.7	269.8
	77.5°	69.6	86.8	103.9	121.1	134.4	146.8	160.2	172.6	197.4	222.2
	80°	69.6	87.7	104.9	123.0	128.7	135.4	141.1	146.8	149.7	152.6
	82.5°	60.1	74.4	88.7	103.0	96.3	89.6	83.0	76.3	71.5	65.8
	85°	30.5	33.4	35.3	37.2	34.3	31.5	28.6	25.7	23.8	21.0
	87.5°	12.4	12.4	11.4	11.4	11.4	11.4	10.5	10.5	10.5	10.5
	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: P1049002

CATALOG NUMBER: GALN-SA3B-735-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
55.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
203.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
282.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
382.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
477.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
542.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
591.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
639.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
735.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
925.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1411.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2161.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2721.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2783.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2511.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2147.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1678.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1268.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
936.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
662.7											
493.0											
358.5											
269.8											
151.6											
68.7											
20.0											
9.5											
0.0											
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REPORT NUMBER: P1049002

CATALOG NUMBER: GALN-SA3B-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°	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
0.0	2.5°	71.5	70.6	70.6	69.6	68.7	67.7	66.7	65.8	64.8	63.9
0.0	5°	74.4	74.4	74.4	73.4	73.4	72.5	72.5	71.5	70.6	69.6
0.0	7.5°	77.2	78.2	78.2	79.1	79.1	79.1	79.1	78.2	78.2	78.2
0.0	10°	82.0	83.0	83.9	84.9	85.8	86.8	86.8	87.7	87.7	87.7
0.0	12.5°	87.7	90.6	92.5	95.4	97.3	100.1	102.0	104.9	106.8	108.7
0.0	15°	96.3	101.1	106.8	111.6	116.3	123.0	130.6	137.3	144.0	154.5
0.0	17.5°	108.7	124.0	139.2	153.5	168.8	202.1	235.5	267.9	301.3	349.9
0.0	20°	132.5	178.3	223.1	268.9	313.7	431.0	547.3	664.6	780.9	905.8
0.0	22.5°	185.9	298.4	411.0	523.5	636.0	881.0	1125.1	1370.2	1614.3	1901.3
0.0	25°	269.8	476.8	683.7	889.6	1096.5	1479.8	1864.1	2247.4	2630.7	3003.5
0.0	27.5°	392.8	709.4	1026.0	1341.6	1658.1	2177.8	2698.4	3218.1	3737.7	4159.2
0.0	30°	544.5	973.5	1402.6	1831.7	2260.8	2851.9	3443.1	4033.3	4624.5	5085.1
0.0	32.5°	687.5	1212.9	1738.2	2262.7	2788.1	3461.2	4135.4	4808.5	5481.7	5985.2
0.0	35°	780.9	1416.0	2051.9	2687.0	3322.0	4050.5	4779.0	5506.5	6235.0	6809.9
0.0	37.5°	874.4	1607.6	2339.9	3073.2	3805.4	4605.4	5405.4	6205.4	7005.4	7715.8
0.0	40°	979.3	1839.3	2698.4	3558.5	4417.6	5365.4	6312.2	7260.0	8206.8	9209.0
0.0	42.5°	1161.4	2223.6	3286.7	4348.9	5411.2	6665.0	7918.9	9171.8	10425.6	11855.9
0.0	45°	1503.7	3000.7	4498.6	5995.7	7492.7	9153.7	10815.6	12476.6	14137.7	16040.9
0.0	47.5°	2341.8	4401.4	6460.0	8519.6	10578.2	12371.8	14164.4	15957.9	17750.5	19646.1
0.0	50°	3583.3	5980.4	8377.5	10773.7	13170.8	14793.7	16415.6	18038.5	19660.4	21463.5
0.0	52.5°	4481.5	6978.7	9476.9	11974.1	14471.4	15936.0	17401.5	18866.1	20330.7	22015.5
0.0	55°	4549.2	7032.1	9516.0	11998.9	14481.9	15953.1	17424.4	18895.7	20366.9	22152.8
0.0	57.5°	4027.6	6490.5	8952.5	11415.4	13877.3	15552.7	17227.0	18902.3	20576.7	22507.5
0.0	60°	3426.0	5889.8	8352.7	10816.6	13279.5	15209.4	17140.2	19070.1	21000.0	22808.8
0.0	62.5°	2672.7	5207.1	7742.5	10276.9	12811.3	14770.8	16730.2	18688.7	20648.2	22005.0
0.0	65°	1991.9	4452.9	6913.9	9373.9	11834.9	13404.4	14973.9	16542.4	18111.9	18951.9
0.0	67.5°	1439.8	3562.3	5683.9	7806.4	9927.9	11051.2	12174.4	13296.7	14419.9	15062.6
	70°	973.5	2443.8	3913.2	5383.5	6852.9	7775.9	8699.8	9622.8	10545.8	11413.5
	72.5°	674.1	1499.9	2326.6	3152.3	3978.0	4906.7	5834.5	6763.2	7691.0	8609.2
	75°	447.2	822.9	1199.5	1575.2	1950.9	2638.4	3326.8	4014.3	4701.7	5249.1
	77.5°	317.5	430.0	543.5	656.0	768.5	897.3	1026.9	1155.7	1284.4	1479.8
	80°	150.7	165.0	179.3	192.6	206.9	253.6	300.4	347.1	393.8	443.4
	82.5°	71.5	77.2	83.0	87.7	93.4	98.2	103.0	107.7	112.5	107.7
	85°	19.1	19.1	20.0	20.0	20.0	20.0	20.0	20.0	20.0	19.1
	87.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	7.6	7.6	6.7
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
55.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
397.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1031.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2188.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3376.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4580.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5546.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6489.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7384.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8427.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10211.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13286.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17944.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21541.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23266.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23700.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23939.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24438.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24616.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23362.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19792.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15706.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12280.2											
9527.4											
5796.4											
1675.3											
493.0											
102.0											
18.1											
6.7											
0.0											
0.0											
0.0											
0.0											
0.0											
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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°	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
0.0	2.5°	62.0	61.0	60.1	59.1	58.2	56.3	56.3	55.3	55.3
0.0	5°	67.7	66.7	65.8	64.8	64.8	63.9	62.9	62.9	62.0
0.0	7.5°	77.2	76.3	75.3	74.4	74.4	73.4	73.4	72.5	72.5
0.0	10°	88.7	88.7	88.7	88.7	88.7	87.7	87.7	87.7	86.8
0.0	12.5°	111.6	112.5	114.4	116.3	119.2	119.2	119.2	118.2	118.2
0.0	15°	176.4	186.9	194.5	202.1	208.8	224.1	222.2	219.3	217.4
0.0	17.5°	446.2	493.9	519.7	544.5	570.2	640.8	629.3	617.9	607.4
0.0	20°	1156.6	1281.5	1364.5	1447.4	1531.3	1663.9	1631.5	1599.0	1566.6
0.0	22.5°	2474.4	2761.4	2886.3	3011.2	3135.1	3295.3	3191.4	3087.5	2984.5
0.0	25°	3748.2	4121.1	4331.8	4542.5	4752.3	4843.8	4708.4	4572.1	4436.7
0.0	27.5°	5002.1	5423.5	5609.5	5794.5	5980.4	6172.1	6004.2	5835.5	5667.6
0.0	30°	6007.1	6467.6	6668.8	6869.1	7070.3	7203.7	7030.2	6855.7	6682.2
0.0	32.5°	6993.0	7496.5	7716.7	7937.0	8156.3	8348.0	8134.4	7919.8	7706.2
0.0	35°	7958.9	8533.9	8837.1	9140.3	9443.5	9621.8	9368.2	9113.6	8860.0
0.0	37.5°	9137.5	9847.8	10187.3	10526.7	10866.2	11191.3	10911.9	10631.6	10352.2
0.0	40°	11213.2	12215.4	12736.0	13257.6	13778.2	14197.7	13844.9	13492.1	13139.3
0.0	42.5°	14716.4	16146.7	16895.2	17642.7	18391.3	19046.3	18675.4	18304.5	17933.6
0.0	45°	19847.3	21750.5	22663.0	23574.5	24487.0	24965.7	24431.7	23896.8	23362.8
0.0	47.5°	23436.3	25331.8	26144.2	26956.6	27769.0	28315.4	27662.2	27009.0	26356.9
0.0	50°	25068.7	26871.7	27687.0	28501.3	29316.5	29750.4	28996.2	28241.0	27486.8
0.0	52.5°	25384.3	27069.1	28041.7	29015.2	29987.8	30567.5	29677.0	28785.4	27894.9
0.0	55°	25725.6	27511.5	28639.5	29768.5	30896.5	31699.4	30692.4	29684.6	28677.7
0.0	57.5°	26368.3	28299.1	29424.3	30548.5	31673.6	32355.4	31345.6	30334.9	29325.1
0.0	60°	26425.5	28233.4	29200.2	30168.0	31134.9	31564.0	30598.1	29631.2	28665.3
0.0	62.5°	24719.7	26076.5	26747.8	27419.1	28090.3	28556.6	27548.7	26539.9	25532.1
0.0	65°	20632.9	21473.0	22007.9	22542.8	23077.7	23633.6	22710.6	21787.6	20864.6
0.0	67.5°	16348.8	16991.5	17696.1	18400.8	19105.4	19699.5	18960.5	18220.6	17481.6
	70°	13147.9	14014.7	14807.0	15599.4	16391.7	16878.0	16136.2	15393.4	14651.6
	72.5°	10445.7	11363.9	12025.6	12686.4	13348.1	13467.3	12921.9	12376.5	11832.1
	75°	6342.7	6890.0	6903.4	6915.8	6929.1	7042.6	6590.6	6138.7	5687.7
	77.5°	1870.8	2066.3	2227.4	2387.6	2548.7	2743.2	2577.3	2410.5	2244.6
	80°	541.6	591.2	633.1	674.1	716.1	691.3	652.2	613.1	574.0
	82.5°	97.3	91.5	90.6	89.6	89.6	84.9	77.2	69.6	62.0
	85°	17.2	16.2	15.3	14.3	13.3	12.4	10.5	9.5	7.6
	87.5°	5.7	4.8	3.8	2.9	2.9	1.0	1.0	1.0	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):

[illegible]

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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°	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
0.0	0.0	2.5°	54.3	53.4	53.4	53.4	53.4	52.4	52.4	52.4	52.4
0.0	0.0	5°	60.1	60.1	59.1	59.1	58.2	58.2	57.2	57.2	56.3
0.0	0.0	7.5°	70.6	69.6	68.7	67.7	66.7	64.8	63.9	62.9	62.9
0.0	0.0	10°	84.9	83.0	82.0	80.1	79.1	77.2	75.3	73.4	71.5
0.0	0.0	12.5°	111.6	107.7	104.9	101.1	97.3	94.4	90.6	87.7	83.9
0.0	0.0	15°	193.6	184.0	173.5	161.1	147.8	135.4	122.0	114.4	105.8
0.0	0.0	17.5°	494.9	445.3	394.8	353.8	312.8	272.7	231.7	202.1	172.6
0.0	0.0	20°	1259.6	1122.3	985.0	849.6	713.2	577.8	441.5	372.8	304.2
0.0	0.0	22.5°	2370.4	2115.8	1860.3	1613.3	1365.4	1118.5	871.5	716.1	561.6
0.0	0.0	25°	3658.6	3338.2	3017.9	2611.7	2204.5	1798.3	1392.1	1139.4	886.8
0.0	0.0	27.5°	4760.9	4391.9	4022.8	3528.9	3035.0	2541.1	2047.2	1670.5	1294.9
0.0	0.0	30°	5715.3	5318.7	4922.0	4347.0	3772.1	3197.1	2622.1	2151.1	1680.1
0.0	0.0	32.5°	6543.0	6068.1	5593.3	5000.2	4407.1	3814.0	3220.9	2643.1	2065.3
0.0	0.0	35°	7497.4	6943.4	6388.5	5730.6	5071.7	4413.8	3755.9	3103.7	2450.5
0.0	0.0	37.5°	8710.3	8030.4	7349.6	6616.4	5883.1	5150.8	4417.6	3672.0	2926.3
0.0	0.0	40°	11032.1	10154.9	9277.6	8346.1	7413.5	6481.9	5550.4	4635.0	3719.6
0.0	0.0	42.5°	15192.2	14007.0	12821.8	11582.3	10341.7	9102.2	7861.7	6570.6	5278.6
0.0	0.0	45°	19887.3	18417.0	16945.7	15554.6	14162.4	12771.3	11380.1	9608.5	7836.9
0.0	0.0	47.5°	22527.6	20940.0	19352.4	18035.6	16718.8	15402.0	14085.2	12175.3	10265.5
0.0	0.0	50°	23499.2	21883.0	20266.8	19054.9	17842.0	16630.1	15417.3	13504.5	11590.8
0.0	0.0	52.5°	23706.1	22057.5	20408.9	19189.3	17969.8	16751.2	15531.7	13631.3	11731.0
0.0	0.0	55°	24131.4	22362.6	20592.9	19202.7	17812.5	16422.3	15032.0	13101.2	11170.3
0.0	0.0	57.5°	24687.3	22873.7	21060.1	19476.3	17892.6	16309.7	14726.0	12614.9	10503.8
0.0	0.0	60°	24541.4	22963.3	21384.3	19688.0	17990.8	16294.5	14597.2	12275.5	9952.7
0.0	0.0	62.5°	22008.9	20752.1	19494.5	18099.5	16703.5	15308.6	13913.6	11523.1	9132.7
0.0	0.0	65°	18106.2	17188.9	16271.6	15149.3	14026.1	12903.8	11781.5	9638.1	7495.5
0.0	0.0	67.5°	14674.5	13640.9	12606.3	11711.9	10816.6	9922.2	9026.9	7340.1	5653.3
		70°	11658.5	10534.3	9409.2	8535.8	7661.4	6788.0	5914.6	4793.3	3672.9
		72.5°	9258.6	8245.0	7231.4	6299.8	5367.3	4435.7	3503.2	2840.5	2177.8
		75°	4425.2	4020.0	3614.7	3127.5	2640.3	2153.0	1665.8	1376.9	1088.9
		77.5°	1640.0	1421.7	1202.4	1004.0	805.7	608.3	410.0	375.7	341.4
		80°	424.3	370.0	314.7	275.6	235.5	196.4	157.3	142.1	127.8
		82.5°	48.6	44.8	42.0	40.0	37.2	35.3	32.4	29.6	26.7
		85°	2.9	1.9	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: P1049002

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CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	55.3	55.3
0.0	0.0	2.5°	51.5	50.5
0.0	0.0	5°	54.3	53.4
0.0	0.0	7.5°	60.1	58.2
0.0	0.0	10°	65.8	63.9
0.0	0.0	12.5°	74.4	71.5
0.0	0.0	15°	83.9	78.2
0.0	0.0	17.5°	100.1	87.7
0.0	0.0	20°	135.4	103.9
0.0	0.0	22.5°	190.7	129.7
0.0	0.0	25°	280.3	179.3
0.0	0.0	27.5°	390.0	238.4
0.0	0.0	30°	518.7	298.4
0.0	0.0	32.5°	632.2	355.7
0.0	0.0	35°	780.0	413.8
0.0	0.0	37.5°	962.1	488.2
0.0	0.0	40°	1244.3	600.7
0.0	0.0	42.5°	1752.5	808.6
0.0	0.0	45°	2846.2	1397.8
0.0	0.0	47.5°	4379.5	2312.3
0.0	0.0	50°	5357.8	2951.1
0.0	0.0	52.5°	5437.9	2946.3
0.0	0.0	55°	4964.0	2619.3
0.0	0.0	57.5°	4235.5	2189.3
0.0	0.0	60°	3520.3	1731.6
0.0	0.0	62.5°	2773.8	1195.7
0.0	0.0	65°	2027.2	845.8
0.0	0.0	67.5°	1456.0	632.2
		70°	957.3	484.4
		72.5°	623.6	394.8
		75°	419.5	327.1
		77.5°	245.1	217.4
		80°	86.8	76.3
		82.5°	16.2	11.4
		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: P1049002

CATALOG NUMBER: GALN-SA3B-735-U-RBC

CANDELA DISTRIBUTION (continued):

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

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



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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-5

Test Date: 10/10/2024

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

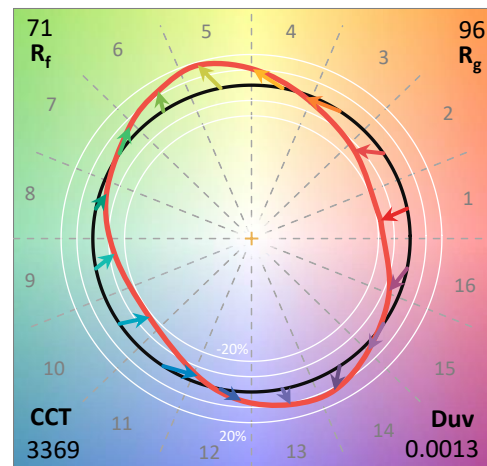
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-5
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-735-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3369	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

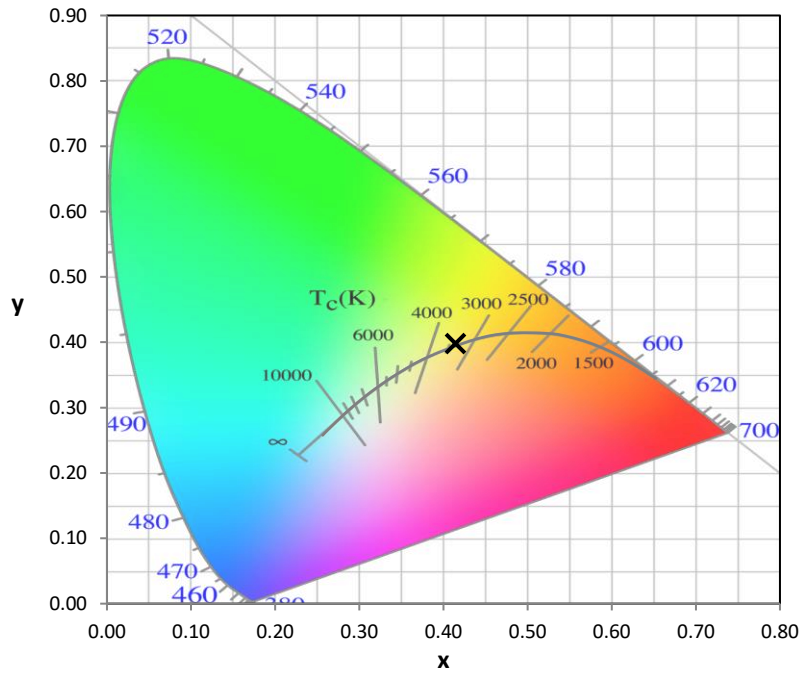
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

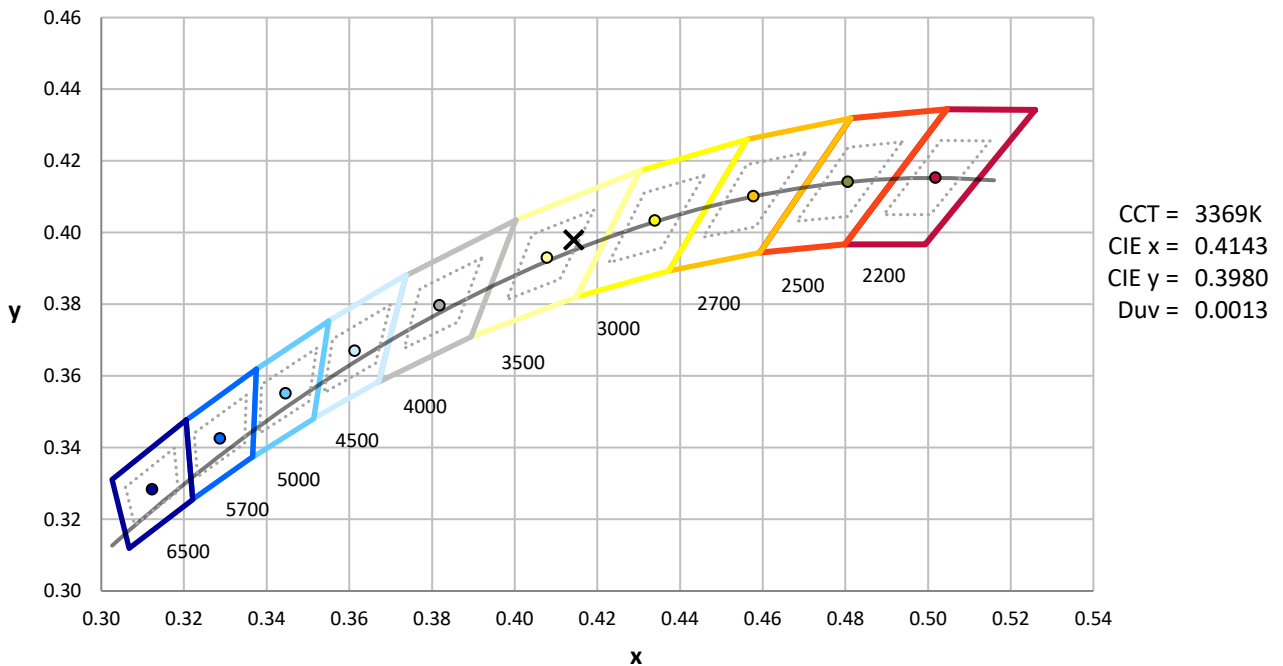
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



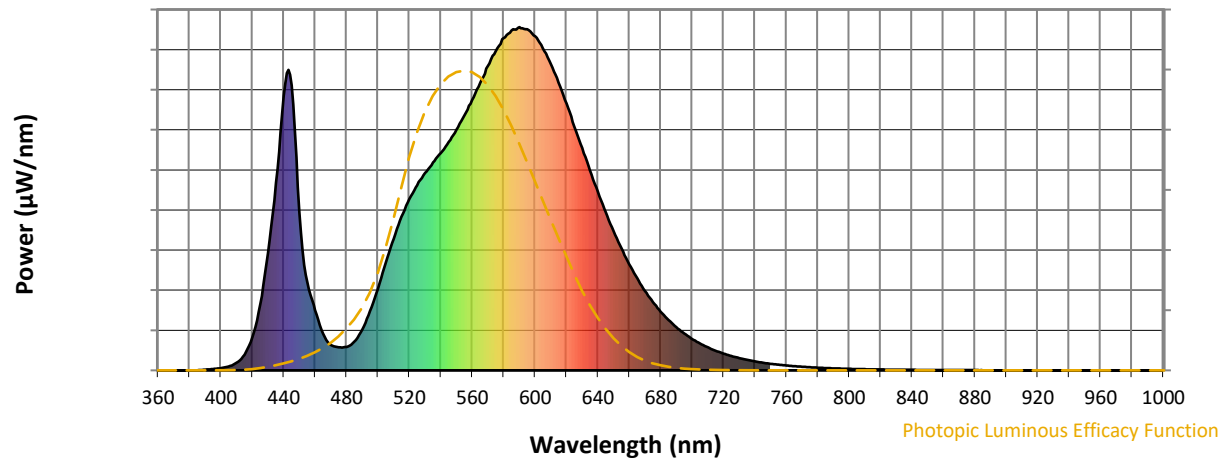
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength

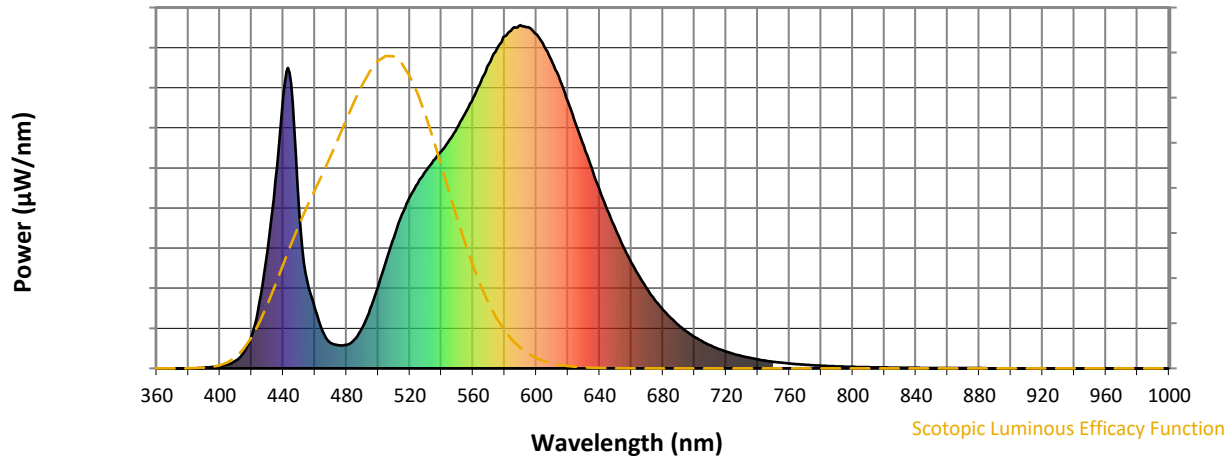


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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

Scotopic Flux vs. Wavelength



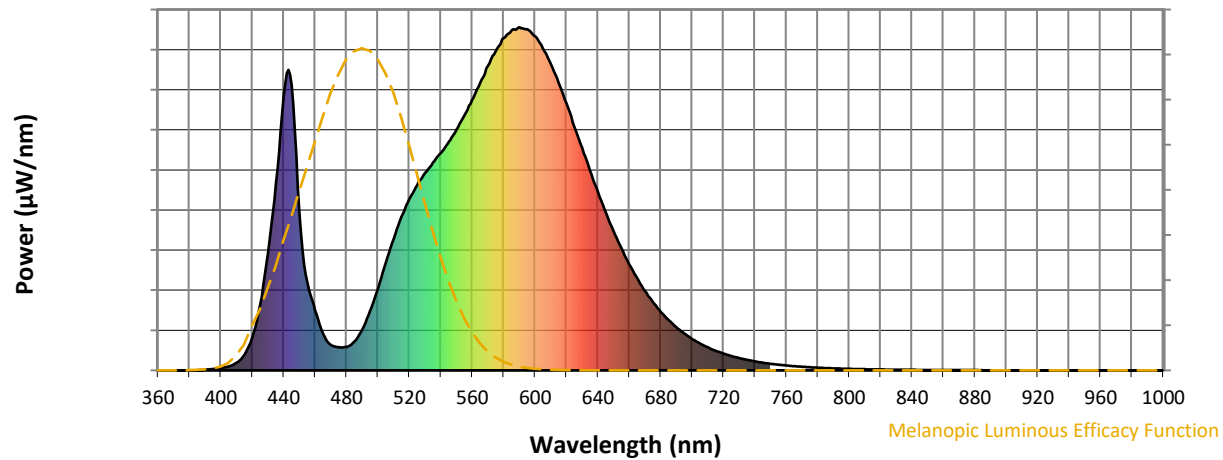
Scotopic Lumens: NR

S/P: 1.29

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			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.36

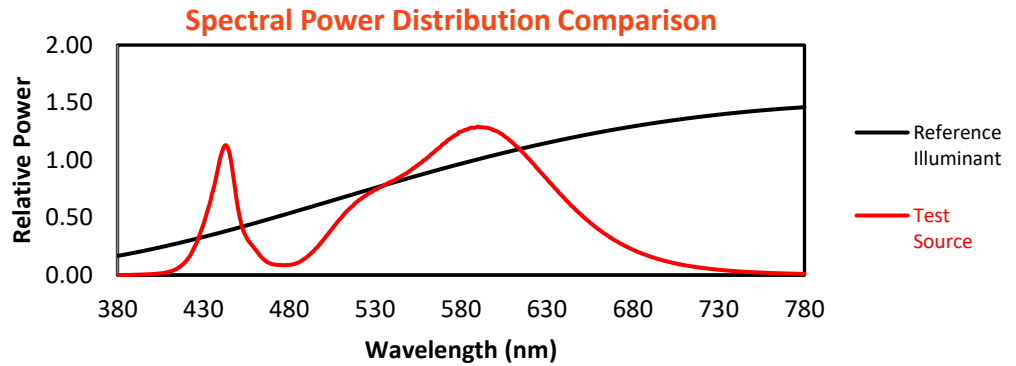
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	778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

REPORT NUMBER: SP1-2407-184-5

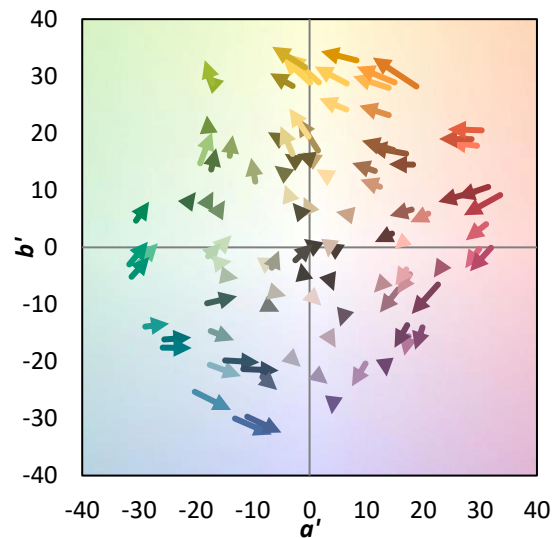
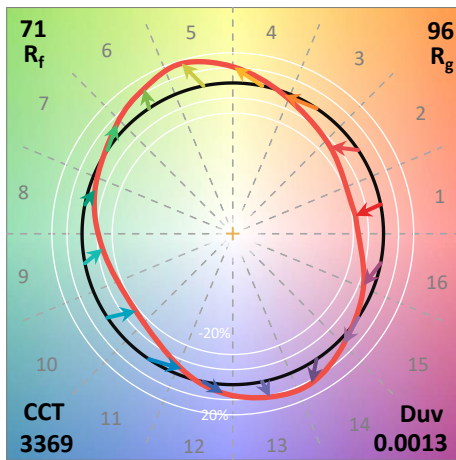
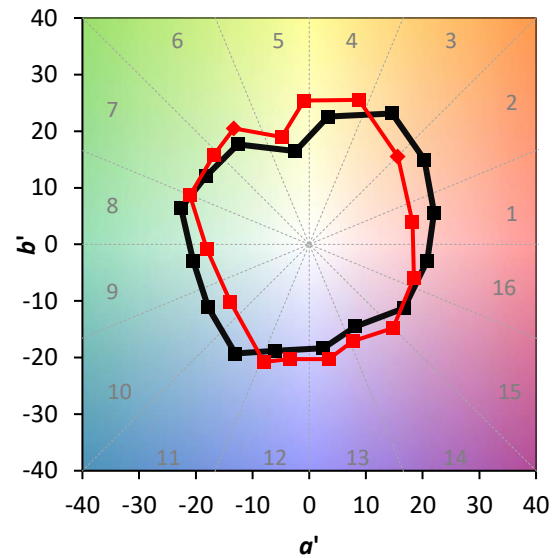
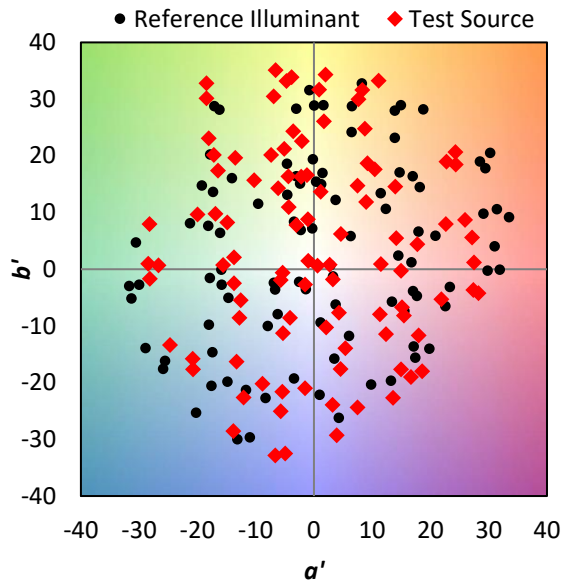
TM-30-18

Summary

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

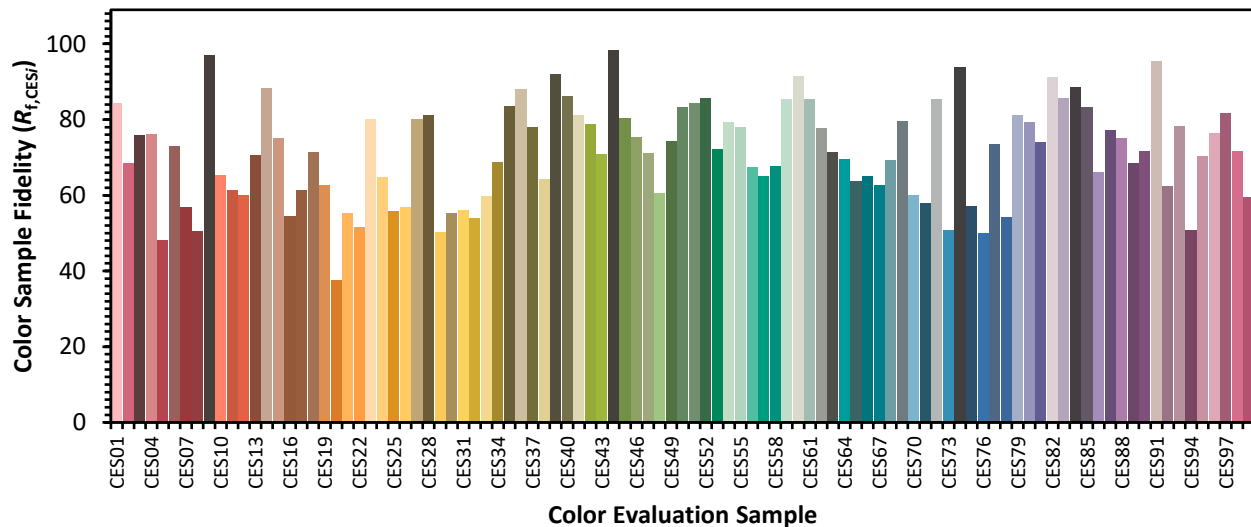


Color Vector Graphics

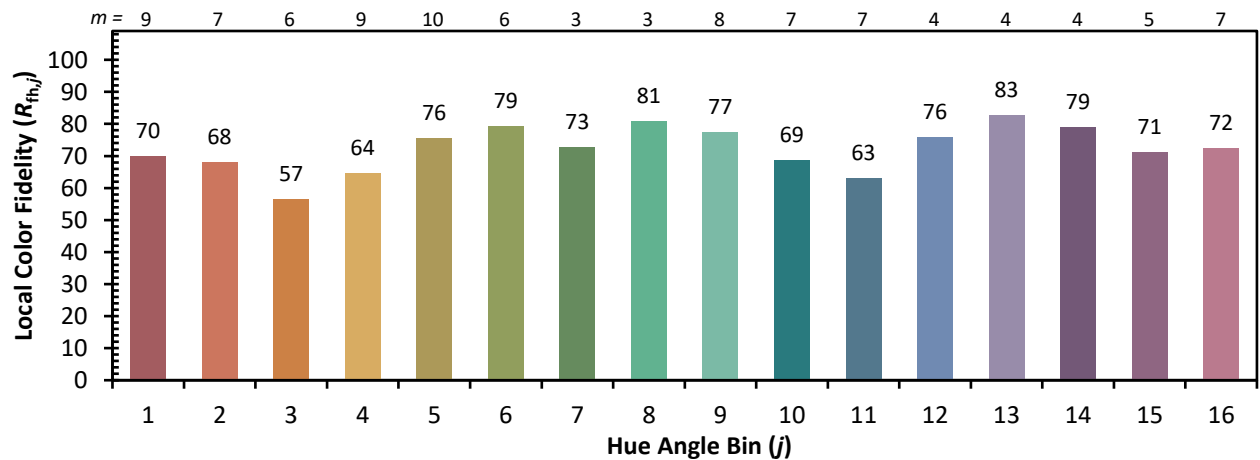
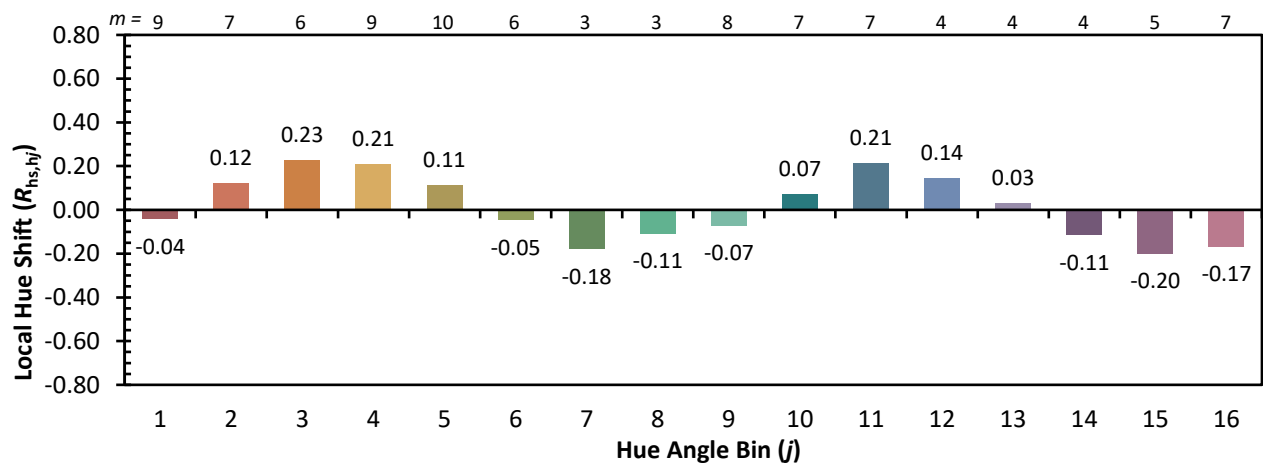
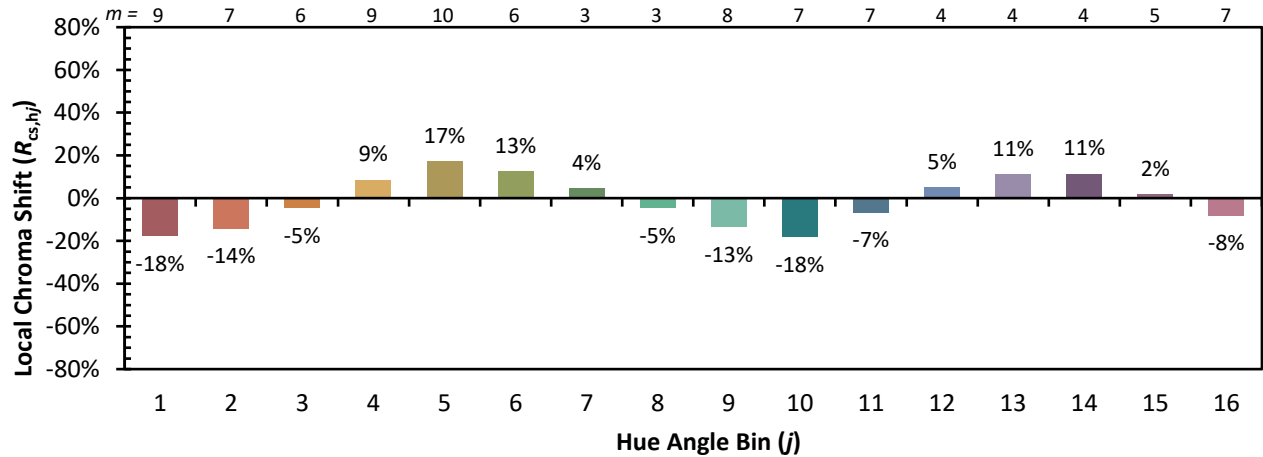


Individual Sample Fidelity Index ($R_{f,i}$)

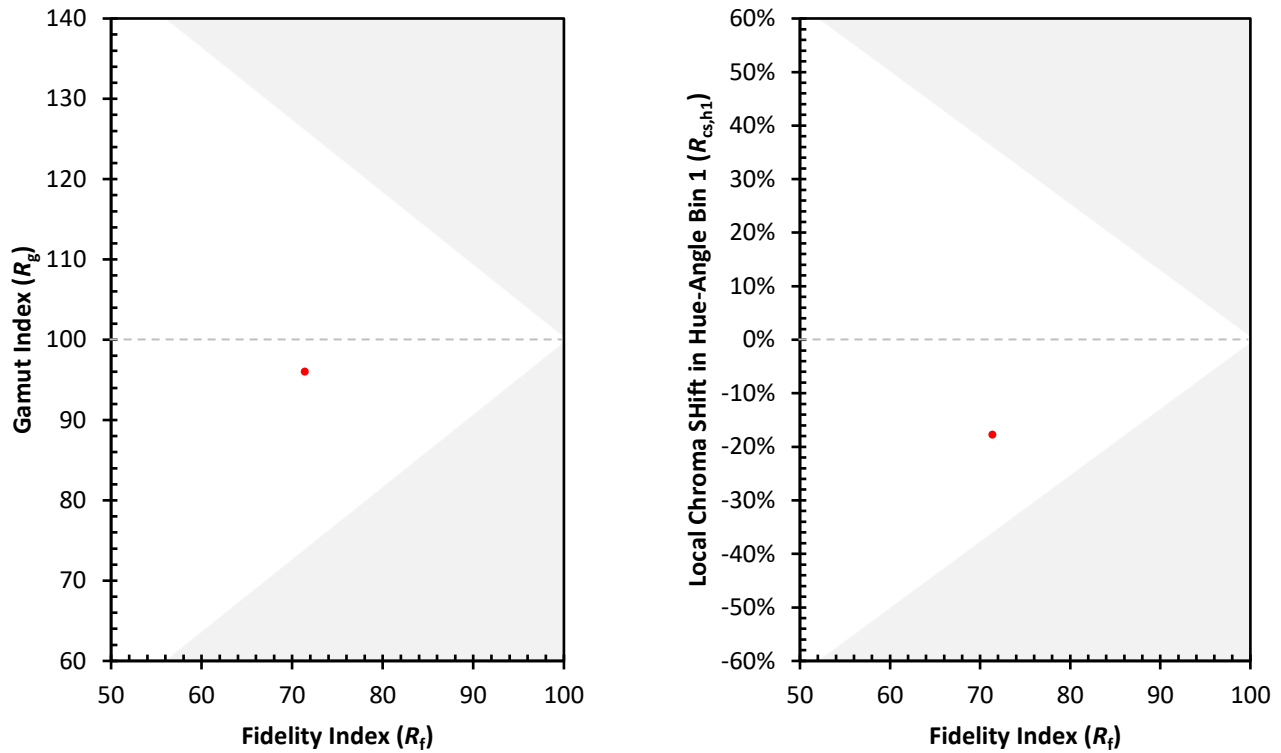
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)