

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: P1049106

Luminaire Tested: **GALN-SA2B-827-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049106
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2B-827-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE
80CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (28) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7183.6 lumens
Efficiency: N/A
Efficacy: 98.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

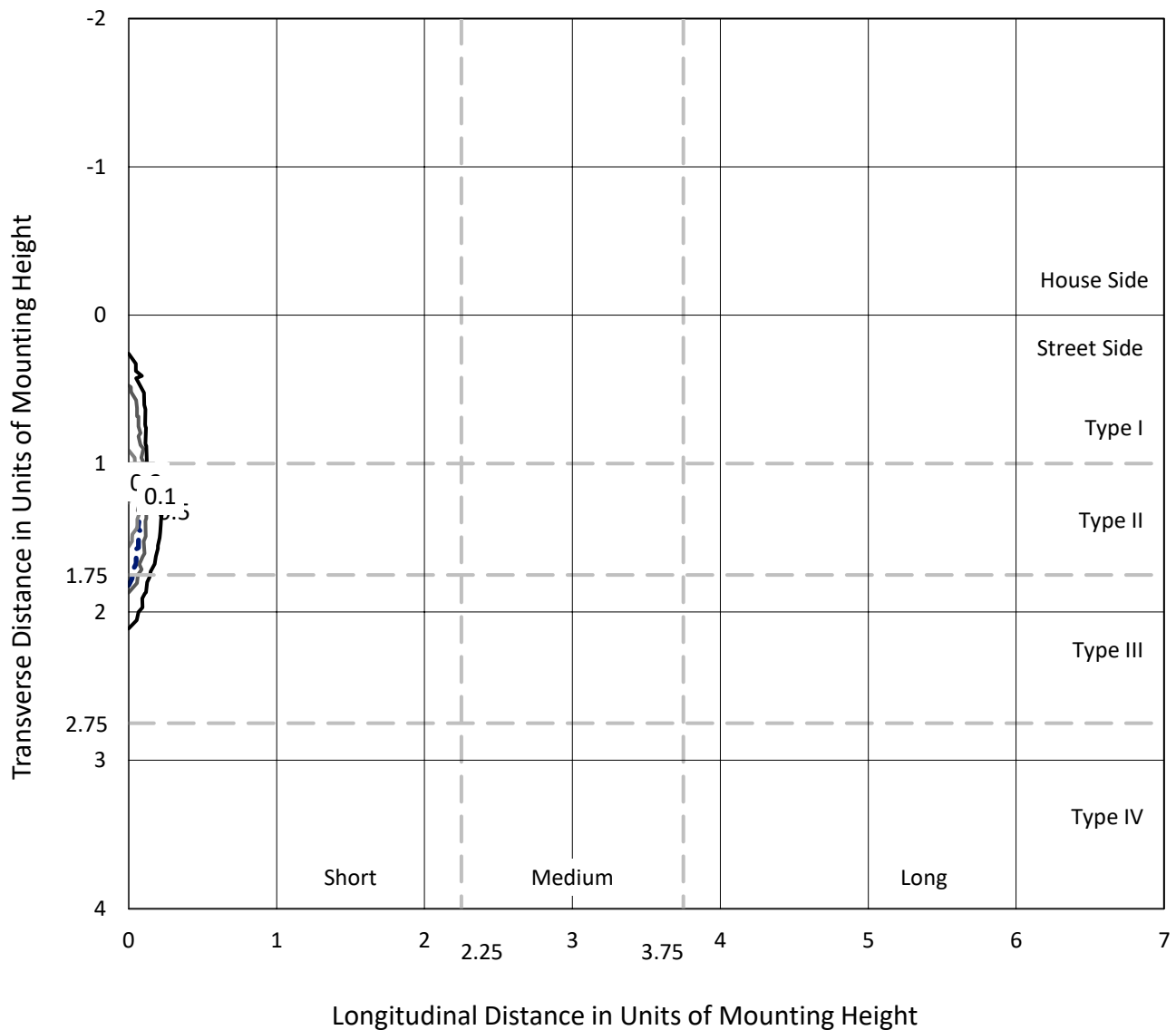
Input Watts (W): 72.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

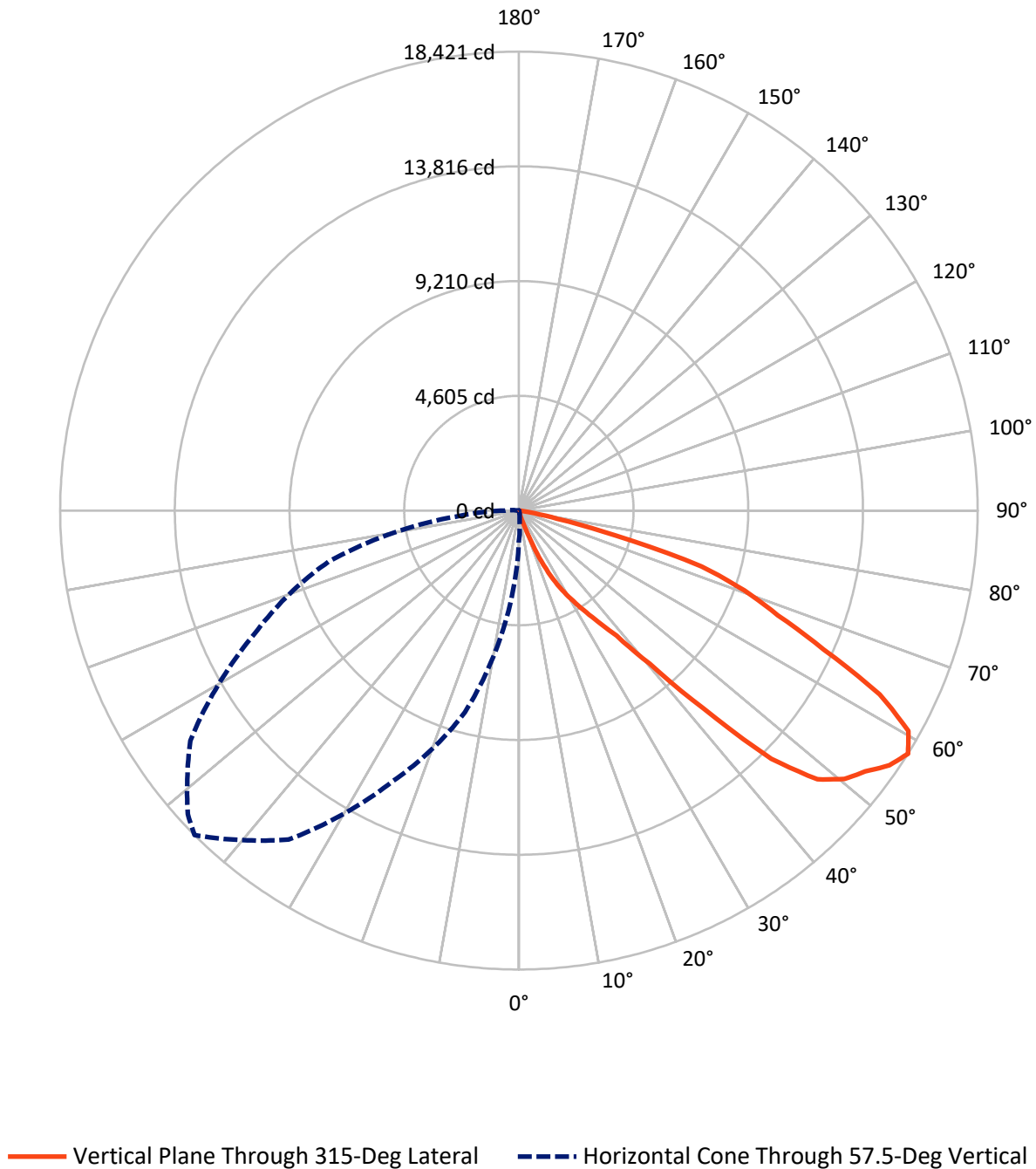
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 1.1 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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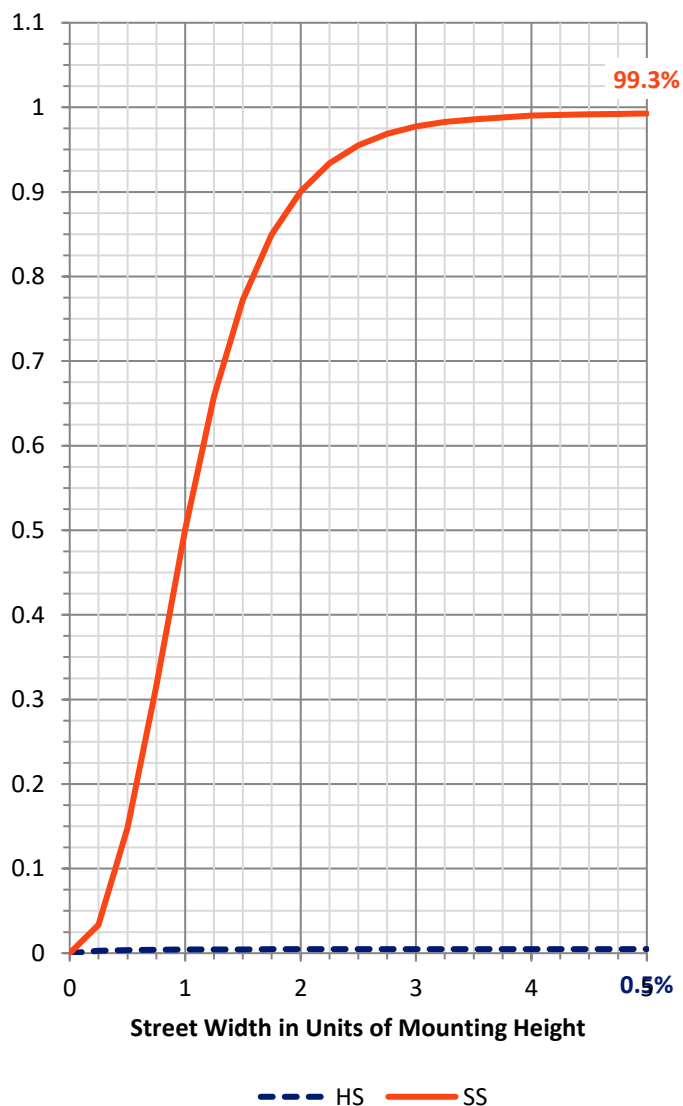
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	36.0	0.0	36.0
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	7147.6	0.0	7147.6
	% Fixture	99.5	0.0	99.5
Total	Lumens	7183.6	0.0	7183.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.8	0.0
10°-20°	15.8	0.2
20°-30°	170.2	2.4
30°-40°	503.4	7.0
40°-50°	1500.4	20.9
50°-60°	2379.0	33.1
60°-70°	1985.9	27.6
70°-80°	612.4	8.5
80°-90°	13.6	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°	7183.6	100.0
0°-180°	7183.6	100.0



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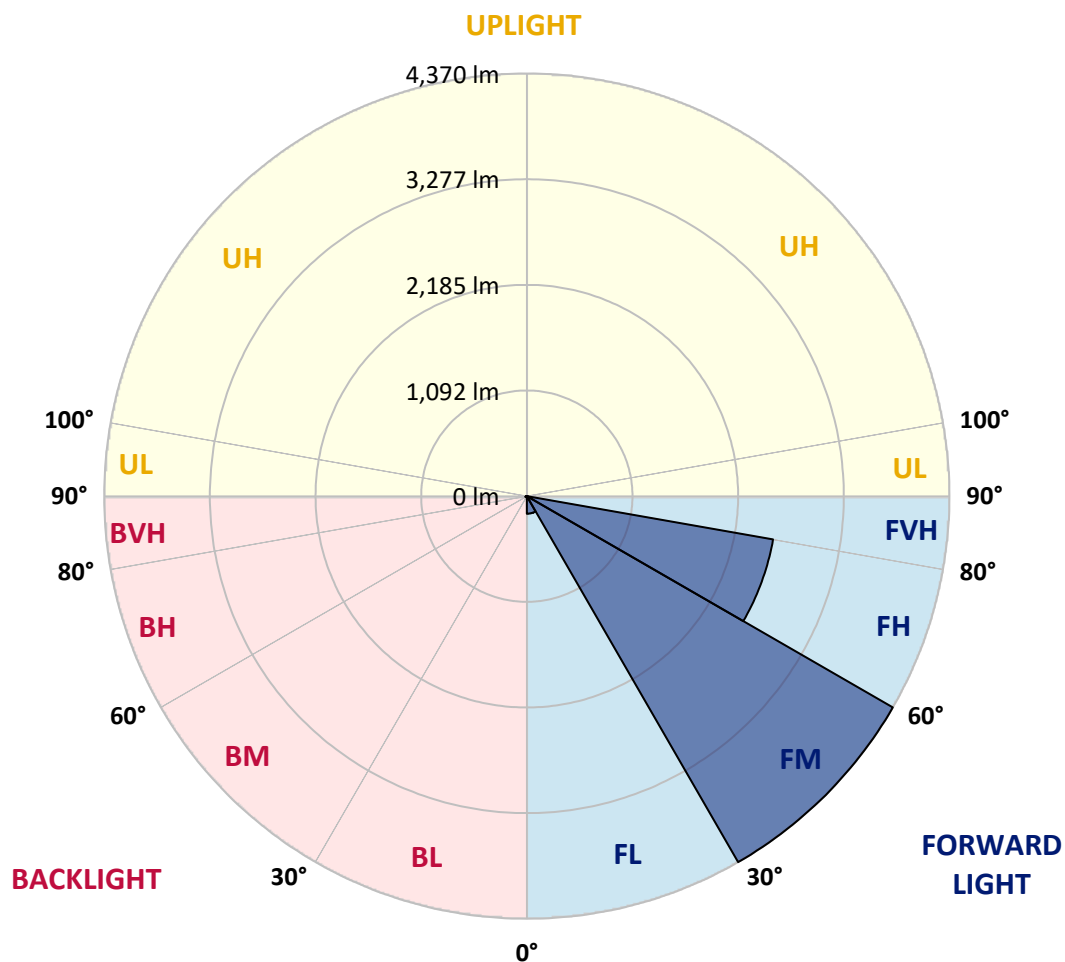
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	182.2	2.5			
FM	(30°-60°)	4370.0	60.8			
FH	(60°-80°)	2584.9	36.0			G2/5000
FVH	(80°-90°)	10.5	0.1			G1/100
BL	(0°-30°)	6.6	0.1	B0/110		
BM	(30°-60°)	12.9	0.2	B0/220		
BH	(60°-80°)	13.4	0.2	B0/110		G0/110
BVH	(80°-90°)	3.1	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°	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
2.5°	28.8	28.8	28.8	28.8	28.2	28.2	27.7	27.7	27.1	27.1
5°	30.4	30.4	29.9	29.3	29.3	28.8	28.2	27.7	27.7	27.1
7.5°	33.1	32.6	32.0	31.5	30.4	29.9	28.8	28.2	27.7	26.6
10°	36.4	35.3	34.2	33.1	32.0	30.9	29.9	29.3	28.2	27.7
12.5°	40.7	39.1	36.9	35.3	34.2	32.6	31.5	30.4	28.8	27.7
15°	44.5	42.3	39.6	37.5	35.8	33.7	32.0	30.4	29.3	27.7
17.5°	49.9	46.1	41.8	39.1	36.9	34.2	31.5	29.9	28.2	26.1
20°	59.2	51.6	43.4	40.2	36.9	33.7	30.4	28.2	26.6	24.4
22.5°	73.8	60.8	47.8	42.9	38.5	33.7	29.3	27.1	25.0	22.8
25°	102.1	78.7	55.4	48.9	42.3	35.8	29.3	26.6	24.4	21.7
27.5°	135.7	101.0	65.7	56.5	47.8	38.5	29.3	26.1	23.3	20.1
30°	169.9	123.8	77.1	65.1	53.2	41.3	29.3	25.5	22.3	18.5
32.5°	202.5	144.9	86.9	72.7	58.6	44.0	29.9	25.5	21.2	16.8
35°	235.6	162.3	88.5	73.8	59.2	44.0	29.3	24.4	20.1	15.2
37.5°	277.9	181.9	85.2	70.6	56.5	41.8	27.7	23.3	19.0	14.1
40°	342.0	214.4	86.9	71.7	56.5	41.3	26.1	21.7	17.9	13.6
42.5°	460.3	277.4	93.9	76.5	59.2	41.3	23.9	20.1	16.8	13.0
45°	795.8	460.9	125.9	99.9	73.8	47.8	21.7	18.5	15.7	12.5
47.5°	1316.4	771.4	226.4	174.8	123.8	72.2	21.2	18.5	15.7	12.5
50°	1680.1	982.6	285.0	219.3	153.6	87.9	22.3	19.0	16.3	13.0
52.5°	1677.4	997.8	317.6	243.7	170.5	96.6	23.3	20.1	17.4	14.1
55°	1491.2	907.7	323.5	248.6	174.3	99.3	25.0	21.7	18.5	15.2
57.5°	1246.4	770.9	295.3	228.5	162.3	95.5	28.8	25.0	21.7	17.9
60°	985.8	608.0	230.2	181.9	134.1	85.8	38.0	33.1	28.8	23.9
62.5°	680.7	440.8	200.9	161.2	122.1	82.5	43.4	38.5	34.2	29.3
65°	481.5	331.7	181.3	147.7	114.5	80.9	47.2	41.8	36.9	31.5
67.5°	359.9	263.8	167.2	138.4	109.7	80.9	52.1	45.6	39.6	33.1
70°	275.8	216.6	156.9	133.5	110.7	87.4	64.1	54.8	46.1	36.9
72.5°	224.7	185.1	144.9	128.1	111.3	94.5	77.6	65.7	53.7	41.3
75°	186.2	158.5	130.8	116.7	103.1	89.0	74.9	64.1	53.7	42.9
77.5°	123.8	112.9	101.5	93.4	85.2	76.5	68.4	59.2	50.5	41.3
80°	43.4	41.8	40.2	43.4	46.7	49.9	53.2	46.7	40.7	34.2
82.5°	6.5	6.0	5.4	6.0	6.5	7.1	7.6	8.1	8.7	9.2
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°	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
0.0	2.5°	26.6	26.6	26.1	26.1	26.1	25.5	25.5	25.0	25.0	25.0
0.0	5°	26.1	26.1	25.5	25.0	24.4	24.4	23.9	23.3	23.3	22.8
0.0	7.5°	25.5	25.0	24.4	23.9	23.3	22.8	22.3	21.7	21.7	21.2
0.0	10°	26.1	25.0	24.4	23.3	22.8	22.3	21.2	20.6	20.1	20.1
0.0	12.5°	25.0	24.4	23.3	22.3	21.7	20.6	20.1	19.0	18.5	18.5
0.0	15°	25.0	23.9	22.3	21.2	20.1	19.5	18.5	17.4	16.8	16.3
0.0	17.5°	23.3	22.3	20.6	19.5	18.5	17.4	16.3	15.2	14.7	14.1
0.0	20°	21.2	20.1	18.5	16.8	15.7	14.7	13.6	12.5	11.9	11.4
0.0	22.5°	19.0	17.9	16.3	14.7	13.6	12.5	10.9	9.8	9.2	8.1
0.0	25°	17.9	16.3	14.7	13.0	11.4	10.3	8.7	7.1	6.0	4.9
0.0	27.5°	15.2	13.6	11.9	10.3	8.7	7.1	5.4	3.8	2.7	2.2
0.0	30°	13.0	11.4	9.8	8.1	6.0	4.3	2.7	0.5	0.5	0.5
0.0	32.5°	10.9	9.2	7.1	5.4	4.3	2.7	1.6	0.0	0.0	0.0
0.0	35°	8.7	7.1	4.9	3.3	2.7	1.6	1.1	0.0	0.0	0.0
0.0	37.5°	7.6	6.0	3.8	1.6	1.1	1.1	0.5	0.0	0.0	0.0
0.0	40°	7.1	4.9	2.7	0.5	0.5	0.5	0.0	0.0	0.0	0.0
0.0	42.5°	7.1	4.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	7.1	4.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	7.1	4.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	7.6	5.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	8.7	6.5	4.3	2.2	1.6	1.1	0.5	0.0	0.0	0.0
0.0	55°	10.9	9.8	8.1	7.1	5.4	3.8	1.6	0.0	0.0	0.0
0.0	57.5°	14.1	14.1	13.6	13.0	9.8	6.5	3.3	0.0	0.0	0.0
0.0	60°	19.0	19.0	19.0	19.0	14.1	9.8	4.9	0.0	0.0	0.0
0.0	62.5°	23.3	22.3	20.6	19.5	14.7	9.8	4.9	0.0	0.0	0.0
0.0	65°	23.3	21.2	18.5	15.7	11.9	8.1	3.8	0.0	0.0	0.0
0.0	67.5°	21.7	17.4	12.5	8.1	6.0	4.3	2.2	0.0	0.0	0.0
	70°	21.7	15.2	8.7	2.2	1.6	1.1	0.5	0.0	0.0	0.0
	72.5°	21.7	14.7	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	23.9	16.3	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	23.9	16.3	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	21.2	14.1	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	7.1	4.9	2.2	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°	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
0.0	2.5°	24.4	24.4	24.4	23.9	23.9	23.9	23.9	23.3	23.3	23.3
0.0	5°	22.3	22.3	21.7	21.7	21.2	21.2	20.6	20.6	20.1	20.1
0.0	7.5°	20.6	20.1	20.1	19.5	19.0	19.0	18.5	18.5	17.9	17.4
0.0	10°	19.0	18.5	18.5	17.9	17.4	16.8	16.8	16.3	15.7	15.2
0.0	12.5°	17.4	16.8	16.3	15.7	15.2	14.7	14.7	14.1	13.6	13.0
0.0	15°	15.2	14.7	14.1	13.6	13.0	12.5	12.5	11.9	11.4	10.9
0.0	17.5°	13.0	12.5	12.5	11.9	11.4	10.9	10.3	9.2	8.7	8.1
0.0	20°	9.8	9.2	8.7	8.1	7.6	6.5	6.0	4.9	3.8	3.3
0.0	22.5°	6.5	5.4	4.9	3.8	2.7	2.2	1.6	0.5	0.0	0.0
0.0	25°	2.2	1.6	1.1	0.5	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: P1049106

CATALOG NUMBER: GALN-SA2B-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049106

CATALOG NUMBER: GALN-SA2B-827-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
0.0	2.5°	22.8	22.8	22.8	22.3	22.3	22.3	22.3	22.3	22.3	22.3
0.0	5°	19.5	19.5	19.5	19.0	19.0	18.5	18.5	18.5	17.9	17.9
0.0	7.5°	16.8	16.3	16.3	15.7	15.7	15.2	15.2	15.2	14.7	14.7
0.0	10°	14.1	13.6	13.6	13.0	13.0	12.5	12.5	11.9	11.9	11.4
0.0	12.5°	12.5	11.9	11.4	10.9	10.9	10.3	9.8	9.8	9.2	8.7
0.0	15°	9.8	9.2	8.7	8.1	7.6	7.1	6.5	6.5	6.0	5.4
0.0	17.5°	6.5	5.4	4.9	4.3	4.3	3.8	3.3	2.7	2.2	1.6
0.0	20°	1.6	1.1	0.5	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: P1049106

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CANDELA DISTRIBUTION (continued):

107.5°		110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°
0.0	0°	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
0.0	2.5°	22.3	21.7	21.7	21.7	22.3	22.3	22.3	22.3	22.3	22.3
0.0	5°	17.9	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
0.0	7.5°	14.7	14.1	14.1	14.1	14.1	13.6	13.6	13.6	13.6	13.6
0.0	10°	11.4	10.9	10.9	10.9	10.9	10.3	10.3	10.3	10.3	10.3
0.0	12.5°	8.1	8.1	7.6	7.6	7.6	7.1	7.1	7.1	7.1	6.5
0.0	15°	4.9	4.3	3.8	3.8	3.8	3.3	3.3	3.3	3.3	2.7
0.0	17.5°	1.1	1.1	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
0.0	2.5°	22.8	22.8	23.3	23.3	23.9	25.0	25.5	26.1	27.1	28.2
0.0	5°	17.9	18.5	18.5	19.0	19.5	20.1	20.6	21.2	22.3	23.3
0.0	7.5°	14.1	14.1	14.7	14.7	15.2	16.3	16.8	17.4	18.5	20.1
0.0	10°	10.9	10.9	11.4	11.4	11.9	13.0	13.6	14.1	15.2	16.8
0.0	12.5°	7.1	7.6	7.6	8.1	8.7	9.8	10.3	10.9	11.9	13.0
0.0	15°	3.3	3.8	3.8	4.3	4.9	6.0	6.5	7.1	8.1	9.8
0.0	17.5°	0.5	0.5	1.1	1.1	1.6	2.2	2.7	3.3	4.9	6.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.2
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
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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CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
0.0	2.5°	29.9	30.9	32.0	33.1	34.2	35.3	35.8	36.9	37.5	38.0
0.0	5°	25.5	26.6	28.2	29.3	30.4	31.5	32.6	33.1	33.7	34.2
0.0	7.5°	22.3	23.3	25.0	26.1	27.1	28.2	29.3	30.4	30.9	31.5
0.0	10°	19.0	20.6	21.7	23.3	24.4	25.5	26.6	27.7	28.8	29.3
0.0	12.5°	15.2	16.8	18.5	19.5	21.2	22.8	23.9	25.0	26.1	27.1
0.0	15°	11.9	13.6	15.2	16.3	17.9	19.5	21.2	22.3	23.3	24.4
0.0	17.5°	8.7	10.3	11.9	13.0	14.7	16.3	17.4	19.0	20.1	21.2
0.0	20°	4.3	6.0	7.6	9.2	10.9	12.5	13.6	15.2	16.3	17.4
0.0	22.5°	0.5	2.2	3.8	4.9	6.5	8.1	9.2	10.9	11.9	13.0
0.0	25°	0.0	0.5	1.6	2.2	2.7	3.8	4.9	6.0	7.1	8.1
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.5	1.1	2.2	3.3	4.3
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
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	0.5
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	1.1
	85°	0.0	0.0	0.0	0.0	0.0	1.1	1.6	2.7	3.3	3.8
	87.5°	0.0	0.5	1.1	1.6	2.2	3.3	4.3	5.4	6.0	6.5
	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: P1049106

CATALOG NUMBER: GALN-SA2B-827-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
31.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	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											
0.5											
2.2											
4.9											
7.1											
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REPORT NUMBER: P1049106

CATALOG NUMBER: GALN-SA2B-827-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
0.0	2.5°	38.5	38.5	38.5	38.5	38.0	38.0	38.0	37.5	37.5	36.9
0.0	5°	35.3	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.3	35.3
0.0	7.5°	32.6	33.1	33.7	33.7	34.2	34.2	34.2	33.7	33.7	33.1
0.0	10°	30.9	31.5	31.5	32.0	32.0	32.0	32.0	32.0	32.0	32.0
0.0	12.5°	28.8	29.3	29.9	29.9	30.4	30.4	30.4	30.4	29.9	29.9
0.0	15°	26.1	27.1	27.7	28.2	28.2	28.8	28.8	28.8	28.8	28.8
0.0	17.5°	23.9	25.0	25.5	26.1	26.1	26.6	26.6	27.1	27.1	27.1
0.0	20°	19.5	20.6	21.2	22.3	22.8	23.3	23.9	24.4	24.4	25.0
0.0	22.5°	15.2	16.3	16.8	17.9	18.5	19.0	19.5	20.1	20.6	21.2
0.0	25°	10.9	11.9	12.5	13.6	14.1	14.7	15.2	15.7	15.7	16.3
0.0	27.5°	6.0	7.1	8.1	8.7	9.8	10.3	10.9	11.4	11.9	12.5
0.0	30°	2.7	3.3	3.8	4.9	5.4	6.0	6.5	7.6	8.1	8.7
0.0	32.5°	0.0	0.0	0.5	1.6	2.2	2.7	3.3	3.8	3.8	4.3
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1	1.6	2.2
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°	1.1	1.1	1.1	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	82.5°	2.7	3.3	3.8	3.8	4.3	4.3	4.3	4.3	3.8	3.8
	85°	5.4	6.0	6.5	6.5	7.1	7.1	7.1	7.1	7.1	7.1
	87.5°	7.6	8.1	8.7	8.7	9.2	9.2	9.2	9.2	9.2	9.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049106

CATALOG NUMBER: GALN-SA2B-827-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
31.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	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											
1.6											
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9.2											
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REPORT NUMBER: P1049106

CATALOG NUMBER: GALN-SA2B-827-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°	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
0.0	2.5°	36.4	36.4	35.8	35.8	35.8	35.8	35.8	36.4	36.9	36.9
0.0	5°	34.7	34.7	34.2	34.2	34.2	34.7	34.7	35.3	35.8	36.4
0.0	7.5°	33.1	32.6	32.6	33.1	33.1	33.7	33.7	34.2	34.7	35.3
0.0	10°	32.0	31.5	31.5	31.5	32.0	32.0	32.6	33.1	33.7	34.2
0.0	12.5°	29.9	29.9	29.9	29.9	30.4	30.4	30.9	31.5	32.6	33.1
0.0	15°	28.8	28.2	28.2	28.2	28.2	28.8	28.8	29.9	30.9	31.5
0.0	17.5°	26.6	26.6	26.1	26.1	26.6	26.6	27.1	28.2	29.3	29.9
0.0	20°	24.4	23.9	23.3	23.3	23.9	23.9	24.4	25.5	26.6	27.1
0.0	22.5°	21.2	20.6	20.6	20.6	20.6	21.2	21.2	22.3	23.9	25.0
0.0	25°	16.8	17.4	17.4	17.9	17.9	18.5	19.0	20.1	21.7	22.8
0.0	27.5°	13.0	13.6	13.6	14.7	15.2	15.7	16.3	17.9	19.5	20.6
0.0	30°	9.8	10.3	10.9	11.4	12.5	13.6	14.7	16.3	17.9	19.0
0.0	32.5°	6.0	7.1	7.6	8.7	9.8	10.9	11.9	13.6	15.7	17.4
0.0	35°	4.3	4.9	6.0	6.5	7.6	8.7	9.8	11.9	13.6	15.7
0.0	37.5°	2.2	3.3	4.3	5.4	6.5	7.6	8.7	10.9	13.0	14.7
0.0	40°	1.6	2.7	3.3	4.3	6.0	7.1	8.1	10.3	12.5	14.7
0.0	42.5°	1.1	1.6	2.2	3.8	4.9	6.5	8.1	10.3	12.5	14.7
0.0	45°	1.1	1.1	1.6	3.3	4.9	7.1	8.7	10.9	12.5	14.7
0.0	47.5°	1.1	1.6	2.2	4.3	5.4	7.1	8.7	10.3	12.5	14.1
0.0	50°	1.6	2.2	2.7	4.9	6.0	7.6	8.7	10.9	12.5	14.7
0.0	52.5°	1.1	1.6	2.2	4.3	6.0	8.1	9.8	11.9	14.1	15.7
0.0	55°	0.5	0.5	0.5	3.3	6.5	9.2	12.5	14.1	16.3	17.9
0.0	57.5°	0.0	0.0	0.0	2.2	6.5	10.3	14.1	16.3	18.5	20.1
0.0	60°	0.0	0.0	0.0	2.2	6.5	10.3	14.1	16.8	19.5	22.3
0.0	62.5°	0.0	0.0	0.0	2.2	5.4	8.7	11.9	16.3	21.2	25.5
0.0	65°	0.0	0.0	0.0	1.6	4.3	7.1	9.8	16.3	22.8	28.8
0.0	67.5°	0.0	0.0	0.0	1.6	4.3	6.5	9.2	16.3	22.8	29.9
	70°	0.0	0.0	0.0	1.6	4.3	7.1	9.8	16.3	22.8	29.3
	72.5°	0.0	0.0	0.0	1.6	4.9	7.6	10.9	16.3	21.7	27.1
	75°	0.0	0.0	0.0	2.2	4.9	8.1	11.4	16.3	21.2	25.5
	77.5°	0.0	0.0	0.0	1.6	4.9	7.6	10.9	15.7	20.6	25.0
	80°	1.6	1.1	1.1	2.7	4.9	7.1	9.2	14.1	19.5	24.4
	82.5°	3.3	3.3	2.7	3.8	4.9	6.5	8.1	12.5	17.4	21.7
	85°	6.5	6.5	6.0	6.5	6.5	7.1	7.6	9.8	11.9	14.1
	87.5°	8.7	8.7	8.1	8.1	8.1	7.6	7.6	7.6	7.6	7.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049106

CATALOG NUMBER: GALN-SA2B-827-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
31.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.8											
32.6											
30.4											
29.9											
29.3											
26.1											
16.3											
7.1											
0.0											
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REPORT NUMBER: P1049106

CATALOG NUMBER: GALN-SA2B-827-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
0.0	2.5°	38.0	38.5	38.5	39.1	39.6	40.2	40.2	40.7	40.7	40.7
0.0	5°	37.5	38.5	39.1	39.6	40.2	40.7	41.3	41.8	42.3	42.3
0.0	7.5°	36.9	37.5	38.5	39.1	40.2	40.7	41.8	42.3	42.9	43.4
0.0	10°	35.8	36.9	38.0	39.1	40.2	41.3	42.3	43.4	44.5	45.1
0.0	12.5°	34.7	36.4	37.5	38.5	40.2	41.8	42.9	44.5	45.6	46.7
0.0	15°	34.2	35.3	36.9	38.0	40.2	42.3	44.0	46.1	48.3	49.9
0.0	17.5°	32.6	34.7	36.4	38.0	40.2	42.9	45.1	47.2	50.5	53.7
0.0	20°	30.4	32.0	34.2	35.8	39.1	41.8	45.1	47.8	52.7	57.5
0.0	22.5°	28.2	30.4	32.0	34.2	38.0	41.3	45.1	48.3	56.5	64.1
0.0	25°	26.1	28.8	30.9	33.1	37.5	41.8	46.1	50.5	64.1	77.6
0.0	27.5°	25.0	27.1	29.9	32.0	37.5	43.4	48.9	54.3	76.0	97.2
0.0	30°	23.3	26.1	28.2	30.9	38.0	45.1	52.1	59.2	92.3	125.4
0.0	32.5°	21.7	24.4	27.1	29.9	39.1	48.3	57.0	66.2	109.7	152.5
0.0	35°	20.1	23.3	26.1	28.8	40.7	53.2	65.1	77.1	125.4	173.2
0.0	37.5°	19.5	22.8	25.5	28.2	41.3	53.7	66.8	79.3	127.0	174.8
0.0	40°	20.1	22.8	26.1	28.8	39.6	50.5	60.8	71.7	121.6	171.0
0.0	42.5°	20.1	23.3	26.6	29.9	38.5	47.2	55.9	64.6	120.0	175.3
0.0	45°	19.5	22.8	26.1	29.3	37.5	45.1	53.2	60.8	129.7	198.1
0.0	47.5°	19.0	22.3	25.5	28.8	36.9	45.1	53.2	61.3	167.7	273.6
0.0	50°	19.0	22.3	25.0	27.7	37.5	47.8	57.5	67.3	244.3	420.7
0.0	52.5°	20.1	22.8	25.0	27.1	38.5	50.5	61.9	73.3	310.5	547.2
0.0	55°	21.7	23.3	25.5	27.1	41.3	54.8	68.9	82.5	330.6	578.7
0.0	57.5°	23.9	25.5	27.1	28.8	46.1	63.5	80.3	97.7	332.2	566.2
0.0	60°	26.6	28.8	30.4	32.0	50.5	69.5	87.9	106.4	300.7	494.5
0.0	62.5°	32.6	35.3	37.5	40.2	58.1	75.5	93.4	110.7	249.7	388.7
0.0	65°	37.5	39.6	41.8	44.0	61.3	79.3	96.6	114.0	211.7	309.4
0.0	67.5°	38.5	40.7	42.3	44.5	62.4	80.3	97.7	115.6	181.3	246.5
	70°	39.1	41.8	45.1	47.8	66.2	84.7	102.6	121.1	160.7	200.3
	72.5°	37.5	42.9	47.8	52.7	70.0	86.9	104.2	121.1	149.3	177.5
	75°	37.5	45.1	52.1	59.2	72.2	84.7	97.7	110.2	131.9	153.6
	77.5°	39.6	49.4	59.2	68.9	76.5	83.6	91.2	98.3	112.4	126.5
	80°	39.6	49.9	59.7	70.0	73.3	77.1	80.3	83.6	85.2	86.9
	82.5°	34.2	42.3	50.5	58.6	54.8	51.0	47.2	43.4	40.7	37.5
	85°	17.4	19.0	20.1	21.2	19.5	17.9	16.3	14.7	13.6	11.9
	87.5°	7.1	7.1	6.5	6.5	6.5	6.5	6.0	6.0	6.0	6.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049106

CATALOG NUMBER: GALN-SA2B-827-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
31.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
217.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
272.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
308.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
336.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
364.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
418.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
527.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
803.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1230.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1549.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1584.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1429.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1222.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
955.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
722.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
533.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
377.3											
280.7											
204.1											
153.6											
86.3											
39.1											
11.4											
5.4											
0.0											
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REPORT NUMBER: P1049106

CATALOG NUMBER: GALN-SA2B-827-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°	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
0.0	2.5°	40.7	40.2	40.2	39.6	39.1	38.5	38.0	37.5	36.9	36.4
0.0	5°	42.3	42.3	42.3	41.8	41.8	41.3	41.3	40.7	40.2	39.6
0.0	7.5°	44.0	44.5	44.5	45.1	45.1	45.1	45.1	44.5	44.5	44.5
0.0	10°	46.7	47.2	47.8	48.3	48.9	49.4	49.4	49.9	49.9	49.9
0.0	12.5°	49.9	51.6	52.7	54.3	55.4	57.0	58.1	59.7	60.8	61.9
0.0	15°	54.8	57.5	60.8	63.5	66.2	70.0	74.4	78.2	82.0	87.9
0.0	17.5°	61.9	70.6	79.3	87.4	96.1	115.1	134.1	152.5	171.5	199.2
0.0	20°	75.5	101.5	127.0	153.1	178.6	245.4	311.6	378.4	444.6	515.7
0.0	22.5°	105.9	169.9	234.0	298.0	362.1	501.6	640.6	780.1	919.1	1082.5
0.0	25°	153.6	271.4	389.2	506.5	624.3	842.5	1061.3	1279.5	1497.7	1710.0
0.0	27.5°	223.7	403.9	584.1	763.8	944.0	1239.9	1536.3	1832.1	2128.0	2367.9
0.0	30°	310.0	554.3	798.5	1042.8	1287.1	1623.7	1960.3	2296.3	2632.9	2895.1
0.0	32.5°	391.4	690.5	989.6	1288.2	1587.3	1970.6	2354.4	2737.6	3120.9	3407.5
0.0	35°	444.6	806.1	1168.2	1529.8	1891.3	2306.1	2720.8	3135.0	3549.7	3877.1
0.0	37.5°	497.8	915.3	1332.2	1749.6	2166.5	2622.0	3077.5	3532.9	3988.4	4392.8
0.0	40°	557.5	1047.2	1536.3	2025.9	2515.1	3054.7	3593.7	4133.3	4672.4	5242.9
0.0	42.5°	661.2	1265.9	1871.2	2476.0	3080.7	3794.6	4508.4	5221.8	5935.6	6749.9
0.0	45°	856.1	1708.4	2561.2	3413.5	4265.8	5211.4	6157.6	7103.3	8049.0	9132.5
0.0	47.5°	1333.3	2505.8	3677.9	4850.4	6022.5	7043.6	8064.2	9085.3	10105.8	11185.0
0.0	50°	2040.1	3404.8	4769.6	6133.8	7498.5	8422.4	9345.8	10269.8	11193.2	12219.7
0.0	52.5°	2551.4	3973.2	5395.5	6817.2	8239.0	9072.8	9907.2	10741.0	11574.8	12534.1
0.0	55°	2590.0	4003.6	5417.7	6831.3	8244.9	9082.6	9920.2	10757.8	11595.5	12612.2
0.0	57.5°	2293.0	3695.2	5096.9	6499.1	7900.8	8854.6	9807.8	10761.6	11714.9	12814.2
0.0	60°	1950.5	3353.2	4755.4	6158.2	7560.4	8659.1	9758.4	10857.2	11955.9	12985.7
0.0	62.5°	1521.6	2964.5	4408.0	5850.9	7293.8	8409.4	9525.0	10640.0	11755.6	12528.1
0.0	65°	1134.0	2535.1	3936.3	5336.8	6738.0	7631.5	8525.0	9418.0	10311.6	10789.8
0.0	67.5°	819.7	2028.1	3236.0	4444.4	5652.2	6291.7	6931.2	7570.2	8209.6	8575.5
	70°	554.3	1391.3	2227.9	3065.0	3901.5	4427.0	4953.0	5478.5	6004.0	6498.0
	72.5°	383.8	853.9	1324.6	1794.7	2264.8	2793.5	3321.7	3850.5	4378.7	4901.5
	75°	254.6	468.5	682.9	896.8	1110.7	1502.1	1894.0	2285.4	2676.8	2988.4
	77.5°	180.8	244.8	309.4	373.5	437.5	510.8	584.7	657.9	731.2	842.5
	80°	85.8	93.9	102.1	109.7	117.8	144.4	171.0	197.6	224.2	252.4
	82.5°	40.7	44.0	47.2	49.9	53.2	55.9	58.6	61.3	64.1	61.3
	85°	10.9	10.9	11.4	11.4	11.4	11.4	11.4	11.4	11.4	10.9
	87.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.3	4.3	3.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
31.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
226.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
587.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1245.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1922.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2607.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3157.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3694.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4204.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4797.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5813.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7564.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10216.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12264.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13246.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13493.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13629.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13913.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14015.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13301.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11268.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8942.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6991.5											
5424.2											
3300.0											
953.8											
280.7											
58.1											
10.3											
3.8											
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°	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
0.0	2.5°	35.3	34.7	34.2	33.7	33.1	32.0	32.0	31.5	31.5
0.0	5°	38.5	38.0	37.5	36.9	36.9	36.4	35.8	35.8	35.3
0.0	7.5°	44.0	43.4	42.9	42.3	42.3	41.8	41.8	41.3	41.3
0.0	10°	50.5	50.5	50.5	50.5	50.5	49.9	49.9	49.9	49.4
0.0	12.5°	63.5	64.1	65.1	66.2	67.9	67.9	67.9	67.3	67.3
0.0	15°	100.4	106.4	110.7	115.1	118.9	127.6	126.5	124.9	123.8
0.0	17.5°	254.1	281.2	295.9	310.0	324.6	364.8	358.3	351.8	345.8
0.0	20°	658.5	729.6	776.8	824.1	871.8	947.3	928.8	910.4	891.9
0.0	22.5°	1408.7	1572.1	1643.2	1714.3	1784.9	1876.1	1816.9	1757.8	1699.1
0.0	25°	2134.0	2346.2	2466.2	2586.2	2705.6	2757.7	2680.6	2603.0	2525.9
0.0	27.5°	2847.8	3087.8	3193.6	3298.9	3404.8	3513.9	3418.4	3322.3	3226.7
0.0	30°	3420.0	3682.2	3796.7	3910.8	4025.3	4101.3	4002.5	3903.2	3804.3
0.0	32.5°	3981.3	4268.0	4393.4	4518.8	4643.6	4752.7	4631.1	4509.0	4387.4
0.0	35°	4531.2	4858.6	5031.2	5203.8	5376.5	5478.0	5333.6	5188.6	5044.2
0.0	37.5°	5202.2	5606.6	5799.9	5993.2	6186.4	6371.5	6212.5	6052.9	5893.8
0.0	40°	6384.0	6954.6	7251.0	7547.9	7844.3	8083.2	7882.3	7681.4	7480.6
0.0	42.5°	8378.5	9192.8	9618.9	10044.5	10470.6	10843.6	10632.4	10421.2	10210.1
0.0	45°	11299.6	12383.1	12902.7	13421.6	13941.1	14213.7	13909.7	13605.1	13301.1
0.0	47.5°	13342.9	14422.1	14884.6	15347.1	15809.7	16120.7	15748.9	15377.0	15005.7
0.0	50°	14272.3	15298.8	15763.0	16226.6	16690.7	16937.7	16508.3	16078.4	15649.0
0.0	52.5°	14452.0	15411.2	15964.9	16519.2	17072.9	17402.9	16895.9	16388.3	15881.3
0.0	55°	14646.3	15663.1	16305.3	16948.0	17590.2	18047.3	17474.1	16900.3	16327.0
0.0	57.5°	15012.2	16111.5	16752.1	17392.1	18032.7	18420.8	17845.9	17270.5	16695.6
0.0	60°	15044.8	16074.0	16624.5	17175.5	17725.9	17970.2	17420.3	16869.9	16319.9
0.0	62.5°	14073.6	14846.1	15228.3	15610.4	15992.6	16258.1	15684.3	15109.9	14536.1
0.0	65°	11746.9	12225.2	12529.7	12834.3	13138.8	13455.3	12929.8	12404.3	11878.8
0.0	67.5°	9307.8	9673.7	10074.9	10476.1	10877.2	11215.4	10794.7	10373.5	9952.8
	70°	7485.5	7978.9	8430.0	8881.2	9332.3	9609.1	9186.8	8763.9	8341.6
	72.5°	5947.0	6469.8	6846.5	7222.7	7599.5	7667.3	7356.8	7046.3	6736.3
	75°	3611.1	3922.7	3930.3	3937.4	3945.0	4009.6	3752.2	3494.9	3238.1
	77.5°	1065.1	1176.4	1268.1	1359.3	1451.1	1561.8	1467.3	1372.3	1277.9
	80°	308.3	336.6	360.5	383.8	407.7	393.6	371.3	349.1	326.8
	82.5°	55.4	52.1	51.6	51.0	51.0	48.3	44.0	39.6	35.3
	85°	9.8	9.2	8.7	8.1	7.6	7.1	6.0	5.4	4.3
	87.5°	3.3	2.7	2.2	1.6	1.6	0.5	0.5	0.5	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049106

CATALOG NUMBER: GALN-SA2B-827-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°	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
0.0	0.0	2.5°	30.9	30.4	30.4	30.4	30.4	29.9	29.9	29.9	29.9
0.0	0.0	5°	34.2	34.2	33.7	33.7	33.1	33.1	32.6	32.6	32.0
0.0	0.0	7.5°	40.2	39.6	39.1	38.5	38.0	36.9	36.4	35.8	35.8
0.0	0.0	10°	48.3	47.2	46.7	45.6	45.1	44.0	42.9	41.8	40.7
0.0	0.0	12.5°	63.5	61.3	59.7	57.5	55.4	53.7	51.6	49.9	47.8
0.0	0.0	15°	110.2	104.8	98.8	91.7	84.1	77.1	69.5	65.1	60.3
0.0	0.0	17.5°	281.7	253.5	224.7	201.4	178.1	155.3	131.9	115.1	98.3
0.0	0.0	20°	717.1	638.9	560.8	483.7	406.1	329.0	251.3	212.3	173.2
0.0	0.0	22.5°	1349.5	1204.6	1059.1	918.5	777.4	636.8	496.2	407.7	319.7
0.0	0.0	25°	2082.9	1900.5	1718.1	1486.9	1255.1	1023.8	792.6	648.7	504.9
0.0	0.0	27.5°	2710.5	2500.4	2290.3	2009.1	1727.9	1446.7	1165.5	951.1	737.2
0.0	0.0	30°	3253.9	3028.1	2802.2	2474.9	2147.5	1820.2	1492.9	1224.7	956.5
0.0	0.0	32.5°	3725.1	3454.7	3184.4	2846.7	2509.1	2171.4	1833.8	1504.8	1175.8
0.0	0.0	35°	4268.5	3953.1	3637.1	3262.6	2887.5	2512.9	2138.3	1767.0	1395.1
0.0	0.0	37.5°	4959.0	4572.0	4184.4	3766.9	3349.4	2932.5	2515.1	2090.5	1666.0
0.0	0.0	40°	6280.9	5781.4	5282.0	4751.6	4220.7	3690.3	3160.0	2638.8	2117.7
0.0	0.0	42.5°	8649.4	7974.6	7299.8	6594.1	5887.8	5182.1	4475.9	3740.8	3005.3
0.0	0.0	45°	11322.4	10485.3	9647.7	8855.6	8063.1	7271.0	6479.0	5470.4	4461.8
0.0	0.0	47.5°	12825.6	11921.7	11017.8	10268.2	9518.5	8768.8	8019.1	6931.8	5844.4
0.0	0.0	50°	13378.7	12458.6	11538.5	10848.5	10158.0	9468.0	8777.5	7688.5	6599.0
0.0	0.0	52.5°	13496.5	12557.9	11619.3	10925.0	10230.7	9536.9	8842.6	7760.7	6678.8
0.0	0.0	55°	13738.7	12731.7	11724.1	10932.6	10141.1	9349.6	8558.2	7458.9	6359.6
0.0	0.0	57.5°	14055.1	13022.6	11990.1	11088.4	10186.7	9285.6	8383.9	7182.0	5980.1
0.0	0.0	60°	13972.1	13073.7	12174.7	11208.9	10242.6	9276.9	8310.6	6988.8	5666.4
0.0	0.0	62.5°	12530.3	11814.8	11098.7	10304.5	9509.8	8715.6	7921.4	6560.4	5199.5
0.0	0.0	65°	10308.3	9786.1	9263.9	8624.9	7985.4	7346.5	6707.6	5487.2	4267.4
0.0	0.0	67.5°	8354.6	7766.1	7177.1	6667.9	6158.2	5649.0	5139.2	4178.9	3218.6
		70°	6637.5	5997.5	5356.9	4859.7	4361.9	3864.6	3367.3	2728.9	2091.1
		72.5°	5271.2	4694.1	4117.0	3586.7	3055.7	2525.4	1994.5	1617.2	1239.9
		75°	2519.4	2288.7	2058.0	1780.6	1503.2	1225.8	948.4	783.9	619.9
		77.5°	933.7	809.4	684.5	571.6	458.7	346.3	233.4	213.9	194.3
		80°	241.6	210.6	179.1	156.9	134.1	111.8	89.6	80.9	72.7
		82.5°	27.7	25.5	23.9	22.8	21.2	20.1	18.5	16.8	15.2
		85°	1.6	1.1	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: P1049106

CATALOG NUMBER: GALN-SA2B-827-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	31.5	31.5
0.0	0.0	2.5°	29.3	28.8
0.0	0.0	5°	30.9	30.4
0.0	0.0	7.5°	34.2	33.1
0.0	0.0	10°	37.5	36.4
0.0	0.0	12.5°	42.3	40.7
0.0	0.0	15°	47.8	44.5
0.0	0.0	17.5°	57.0	49.9
0.0	0.0	20°	77.1	59.2
0.0	0.0	22.5°	108.6	73.8
0.0	0.0	25°	159.6	102.1
0.0	0.0	27.5°	222.0	135.7
0.0	0.0	30°	295.3	169.9
0.0	0.0	32.5°	359.9	202.5
0.0	0.0	35°	444.1	235.6
0.0	0.0	37.5°	547.7	277.9
0.0	0.0	40°	708.4	342.0
0.0	0.0	42.5°	997.8	460.3
0.0	0.0	45°	1620.4	795.8
0.0	0.0	47.5°	2493.3	1316.4
0.0	0.0	50°	3050.3	1680.1
0.0	0.0	52.5°	3095.9	1677.4
0.0	0.0	55°	2826.1	1491.2
0.0	0.0	57.5°	2411.4	1246.4
0.0	0.0	60°	2004.2	985.8
0.0	0.0	62.5°	1579.2	680.7
0.0	0.0	65°	1154.1	481.5
0.0	0.0	67.5°	828.9	359.9
		70°	545.0	275.8
		72.5°	355.0	224.7
		75°	238.9	186.2
		77.5°	139.5	123.8
		80°	49.4	43.4
		82.5°	9.2	6.5
		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: P1049106

CATALOG NUMBER: GALN-SA2B-827-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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

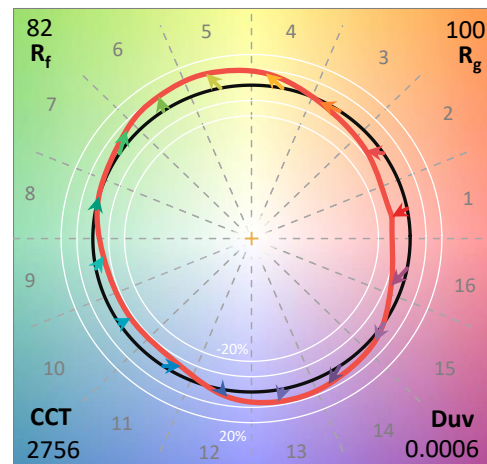
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 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-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2756
 CIE u' : 0.2599
 CIE v' : 0.5271
 Duv: 0.0006
 CIE x: 0.4563
 CIE y: 0.4112
 CIE z: 0.1325
 Peak Wavelength (nm): 609
 Dominant Wavelength (nm): 583
 Purity: 60.41121
 R_f: 82.2
 R_g: 99.9

CRI (Ra): 82.9
 R1: 81.6
 R2: 88.8
 R3: 96.0
 R4: 83.4
 R5: 81.4
 R6: 87.0
 R7: 84.0
 R8: 60.8
 R9: 10.8
 R10: 74.8
 R11: 84.3
 R12: 72.1
 R13: 82.9
 R14: 97.3
 R15: 73.7



Test Conditions

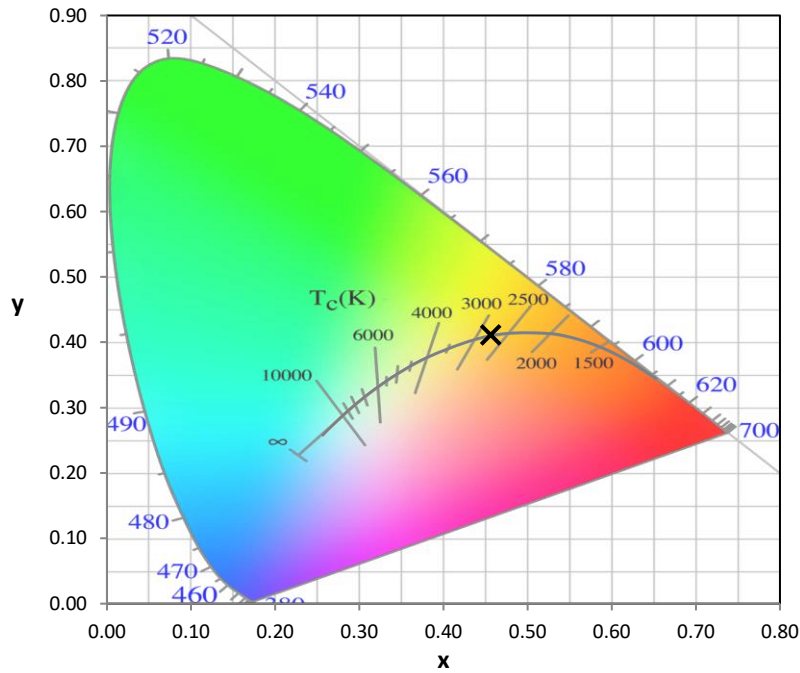
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-8

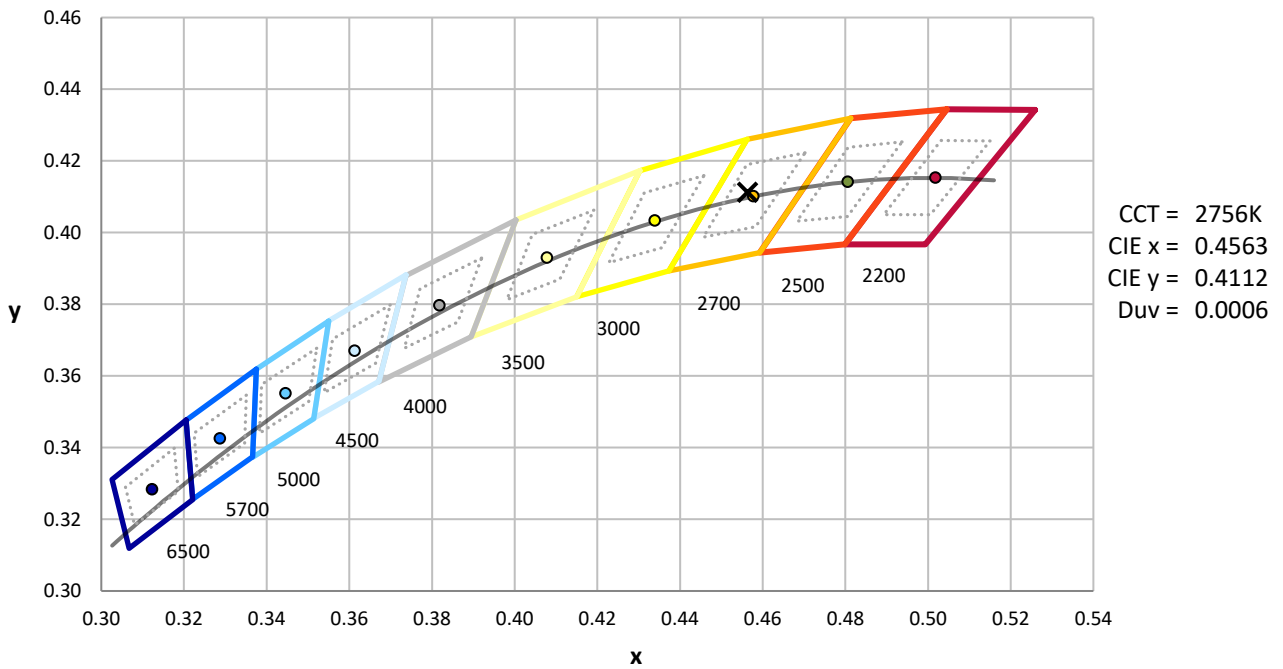
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-8

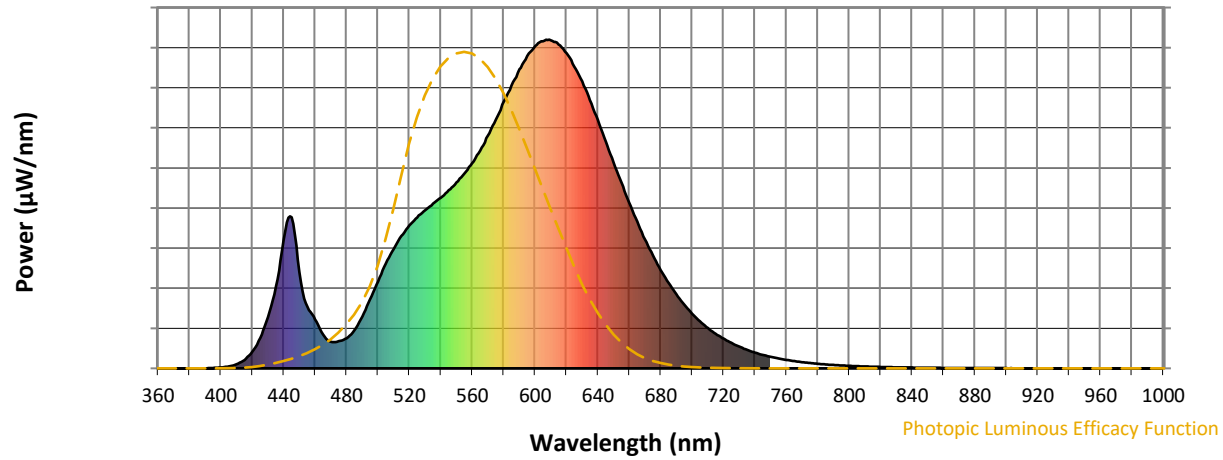
CIE 1931 Chromaticity Diagram



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



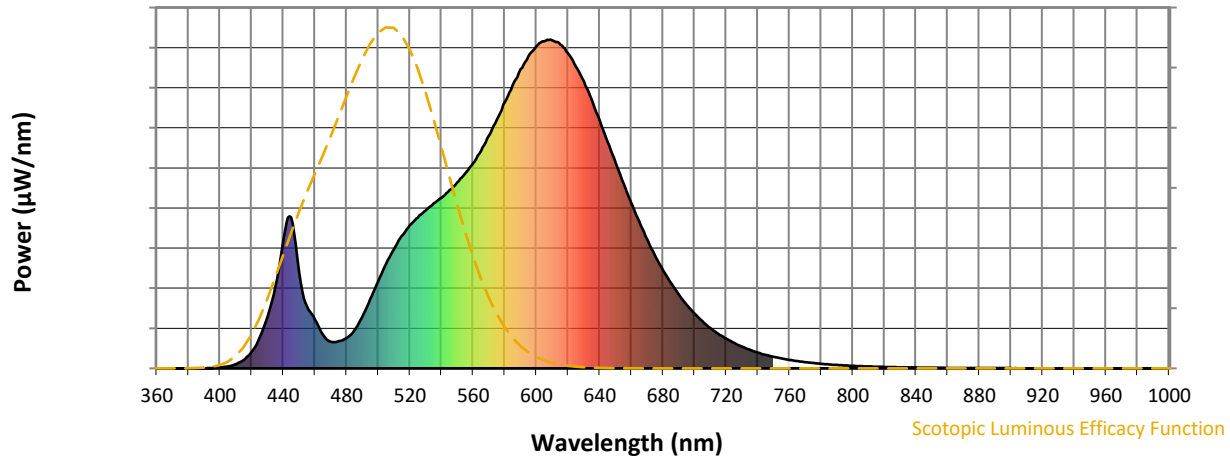
REPORT NUMBER: SP1-2407-184-8

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

Scotopic Flux vs. Wavelength



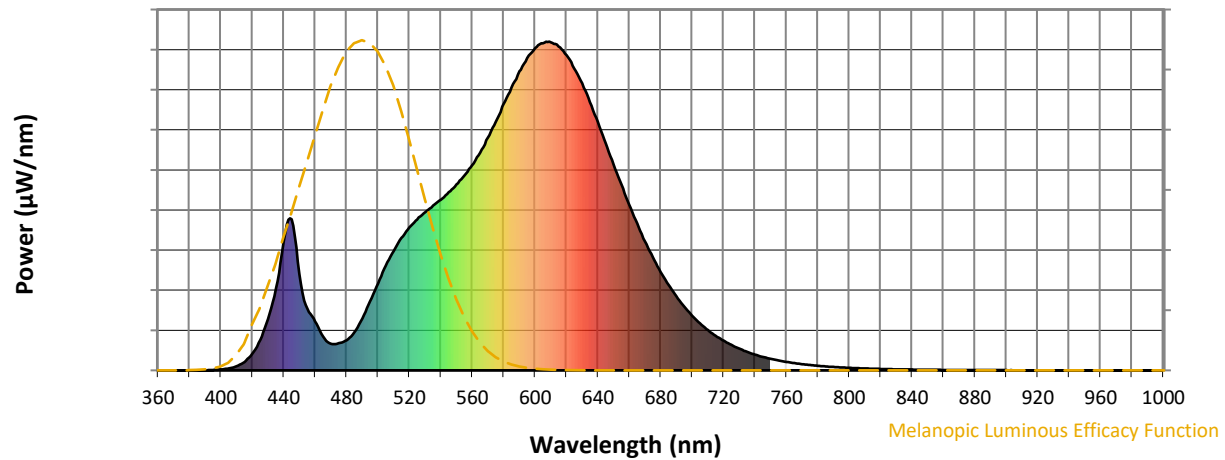
Scotopic Lumens: NR

S/P: 1.2

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.16

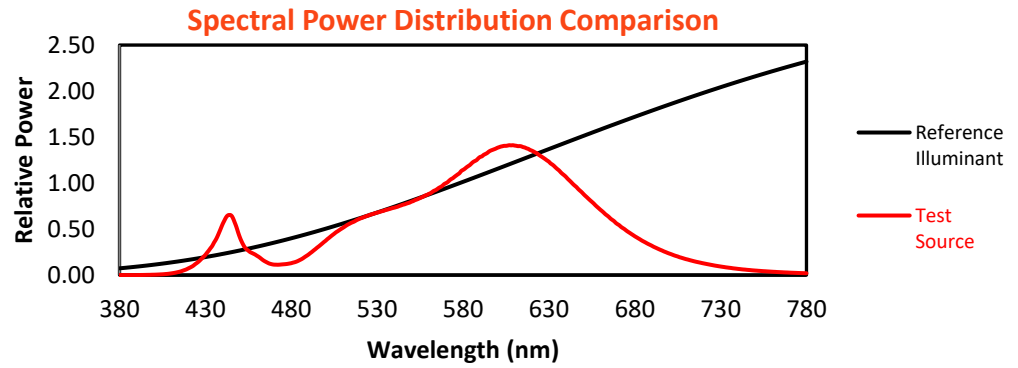
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

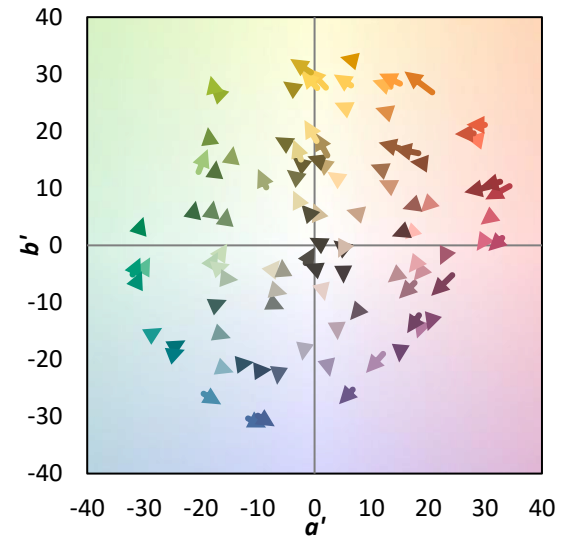
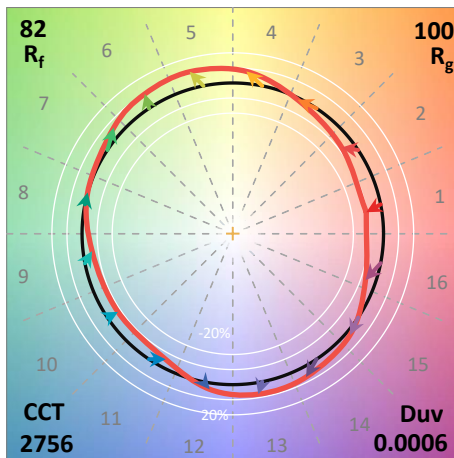
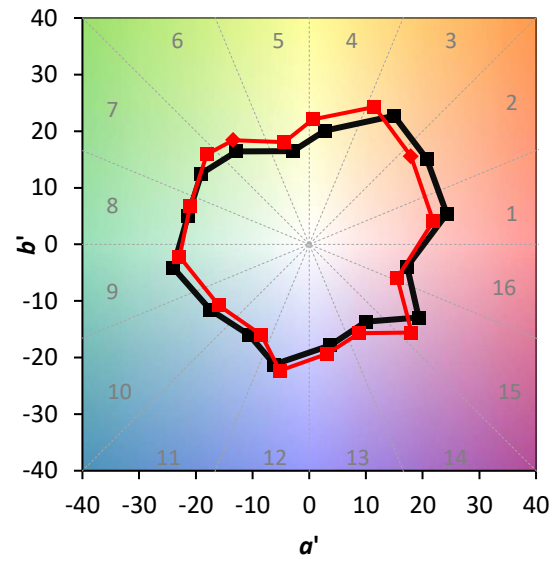
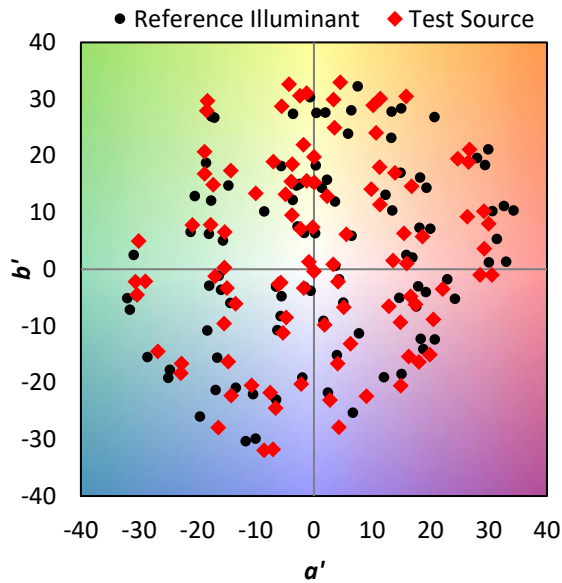
TM-30-18

Summary

$R_f = 82.2$
 $R_g = 99.9$
 $CIE R_a = 82.9$
 $R_9 = 10.8$

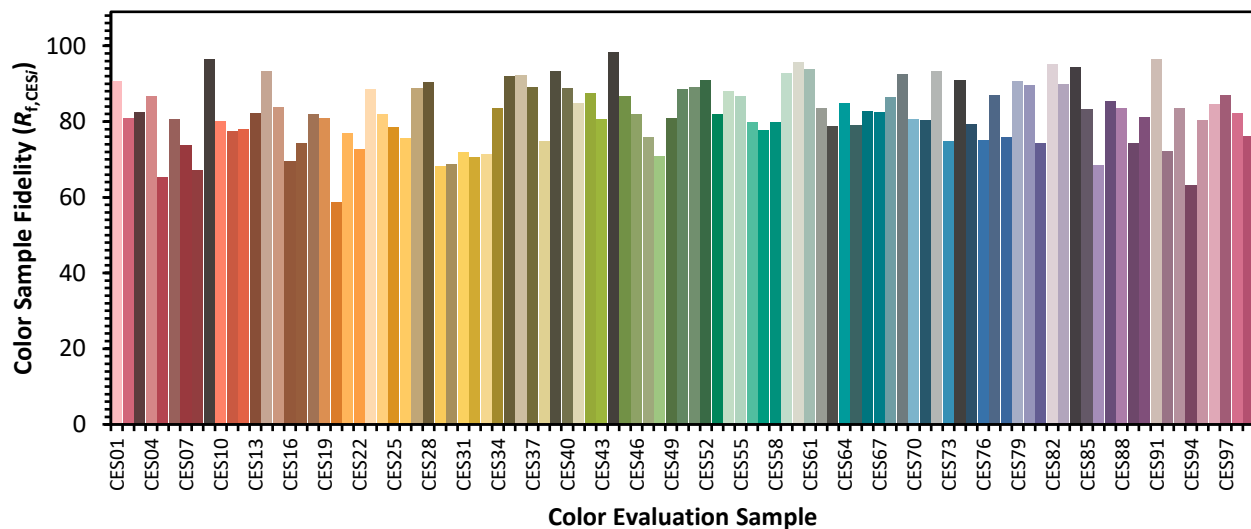


Color Vector Graphics

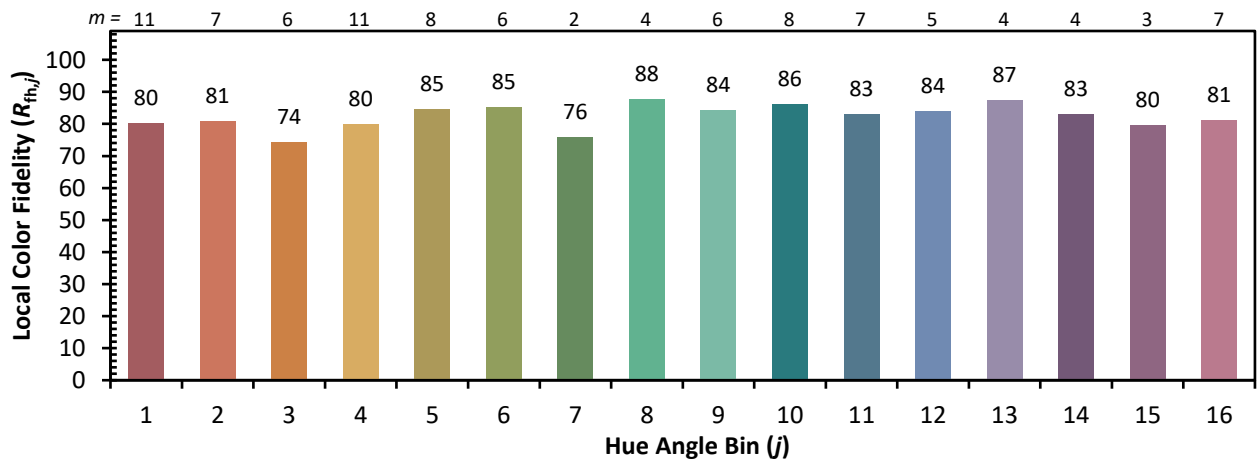
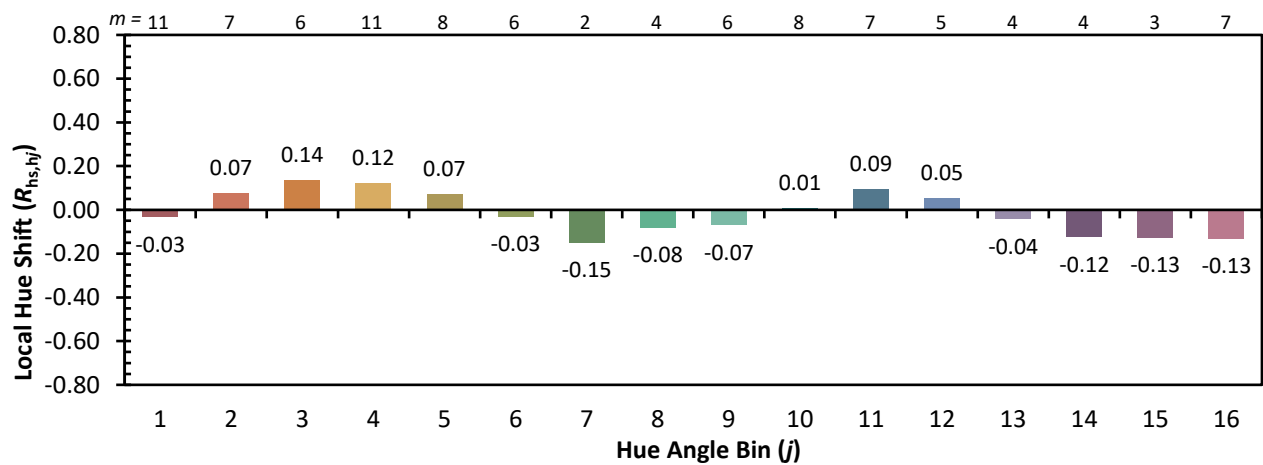
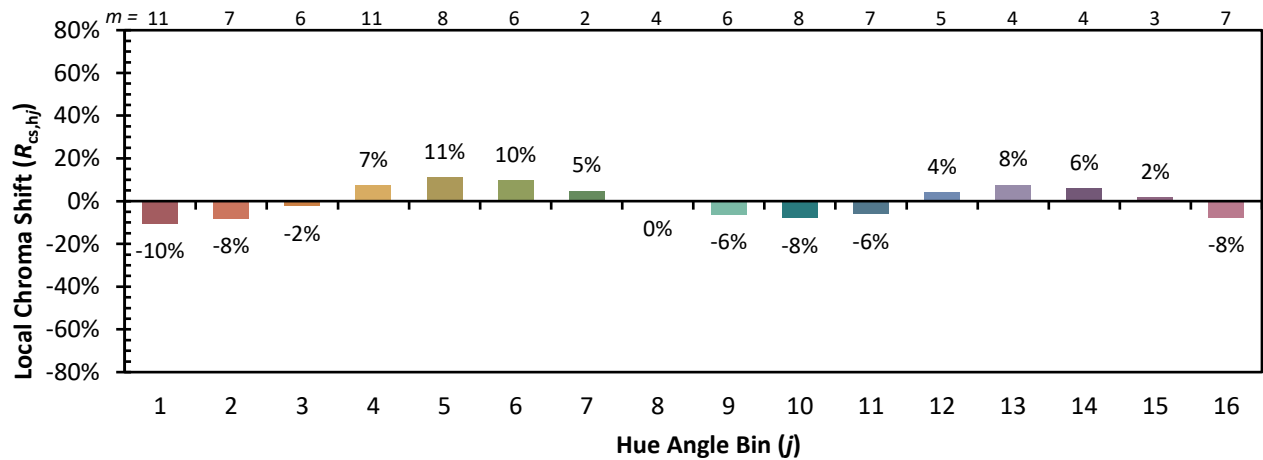


Individual Sample Fidelity Index ($R_{f,i}$)

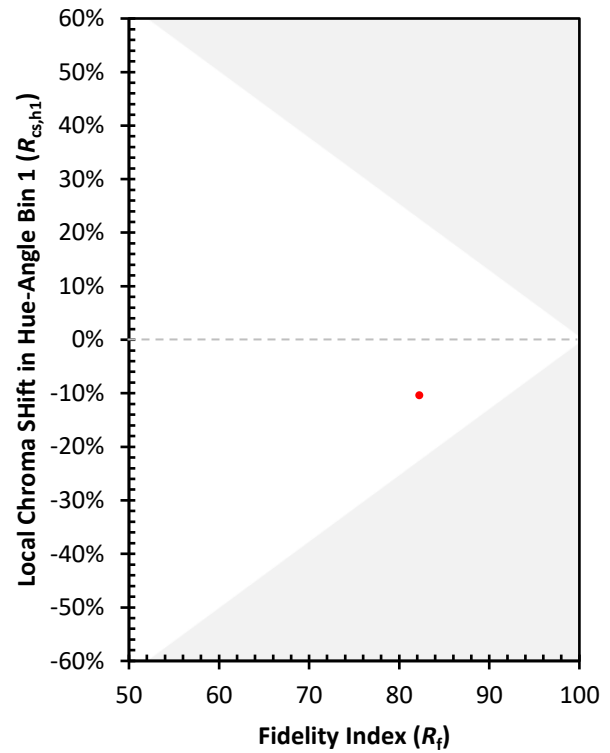
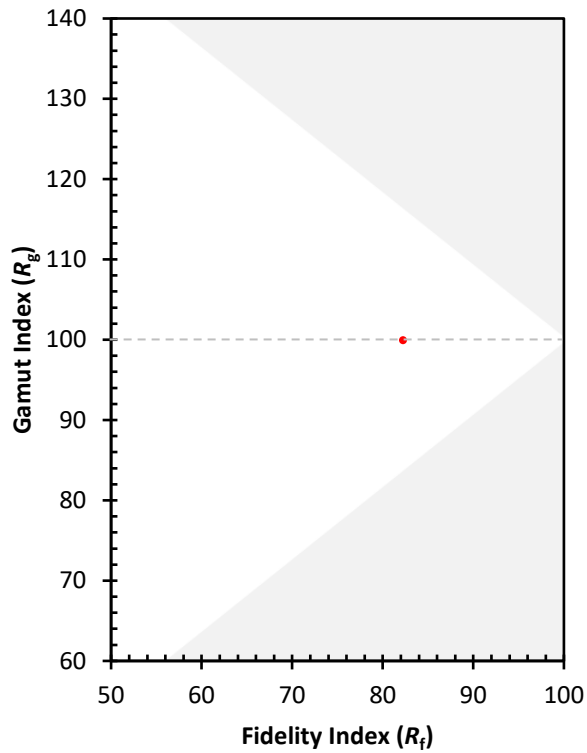
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)