

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: P1049107

Luminaire Tested: **GALN-SA2C-827-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049107
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2C-827-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 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: 8907.1 lumens
Efficiency: N/A
Efficacy: 92.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

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

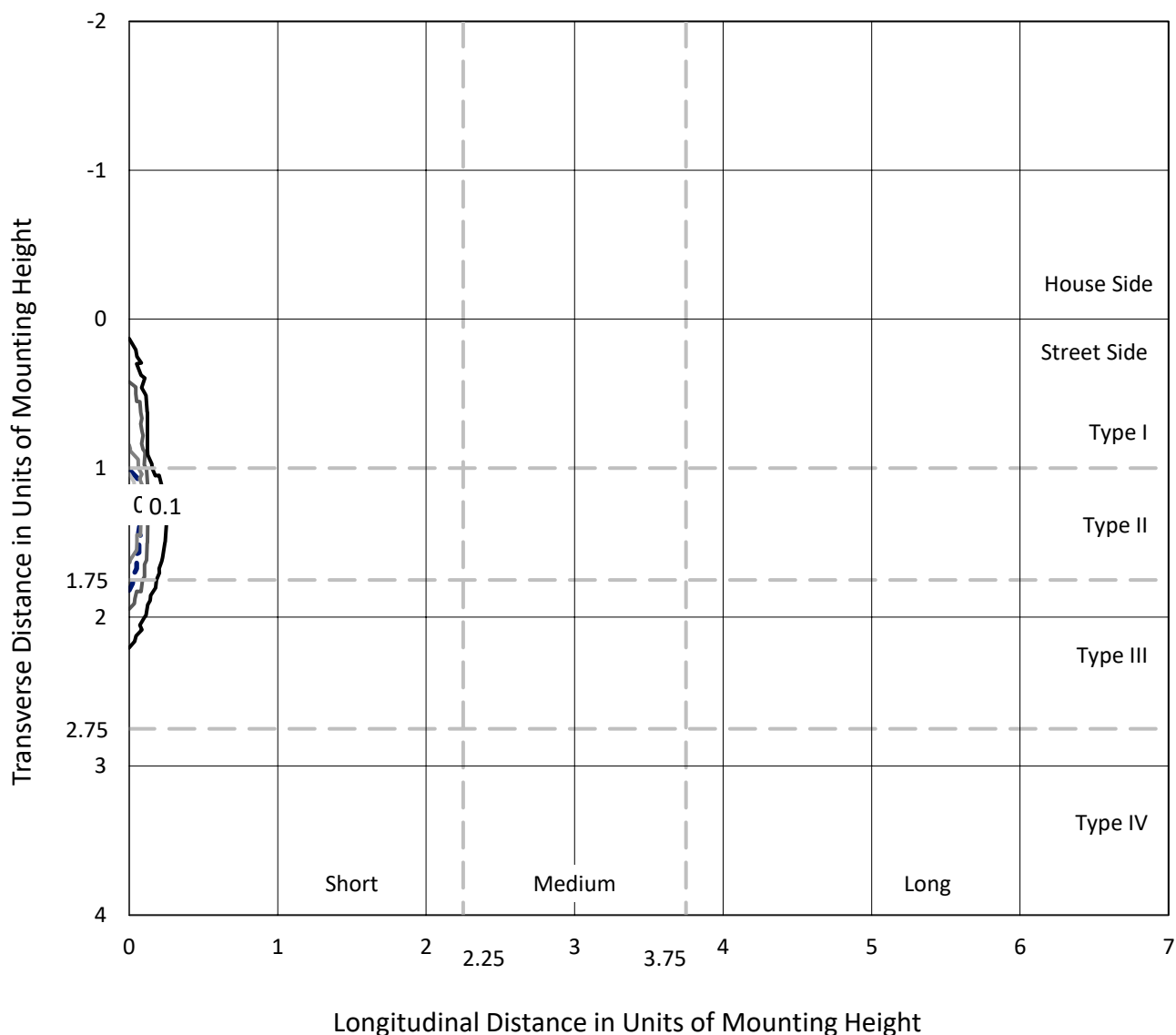
REPORT NUMBER: P1049107

CATALOG NUMBER: GALN-SA2C-827-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

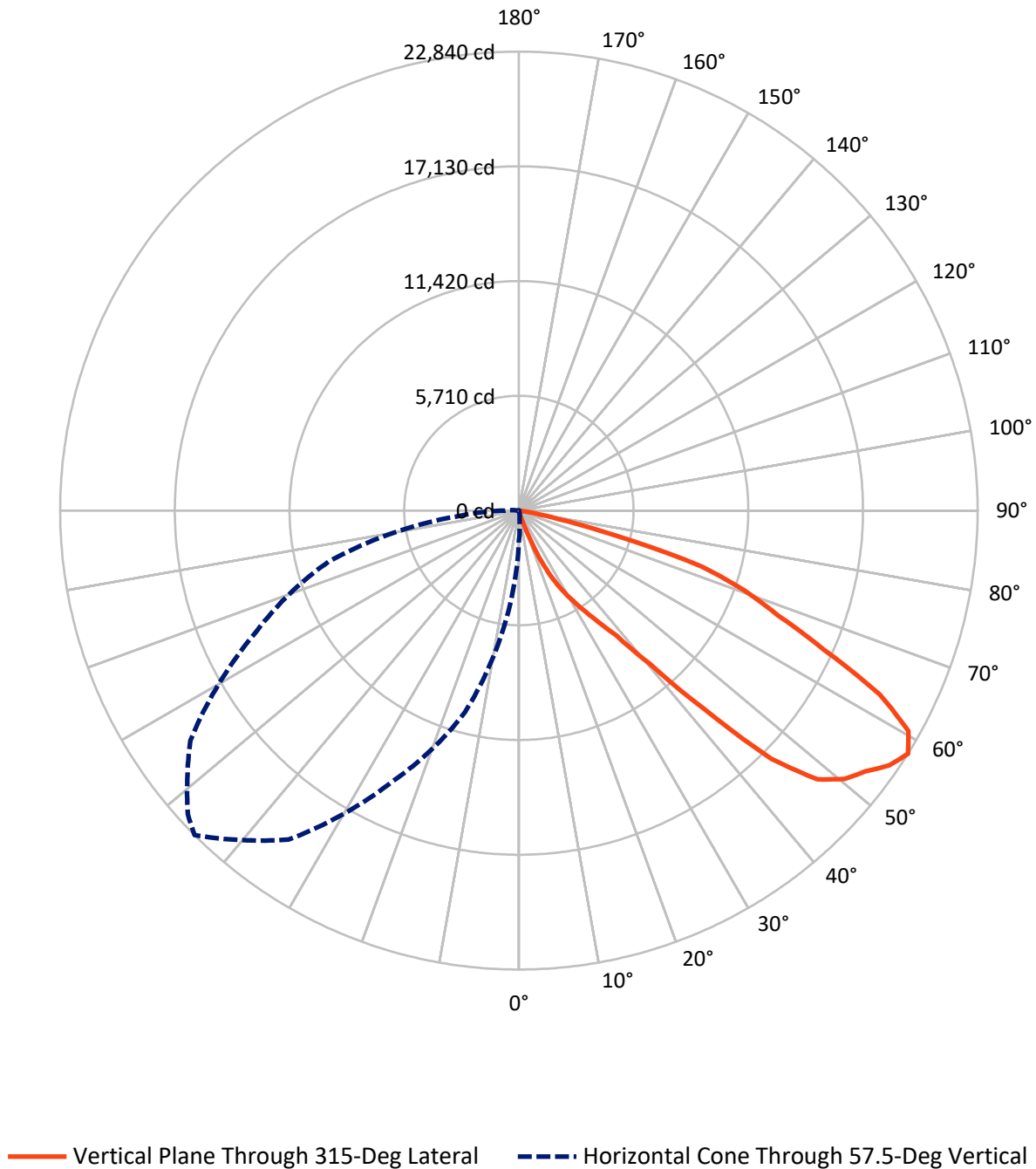


Based on 20 foot mounting height. Maximum calculated value = 1.3 fc

Type III - Short - N/A

REPORT NUMBER: P1049107
CATALOG NUMBER: GALN-SA2C-827-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1049107

CATALOG NUMBER: GALN-SA2C-827-U-RBC

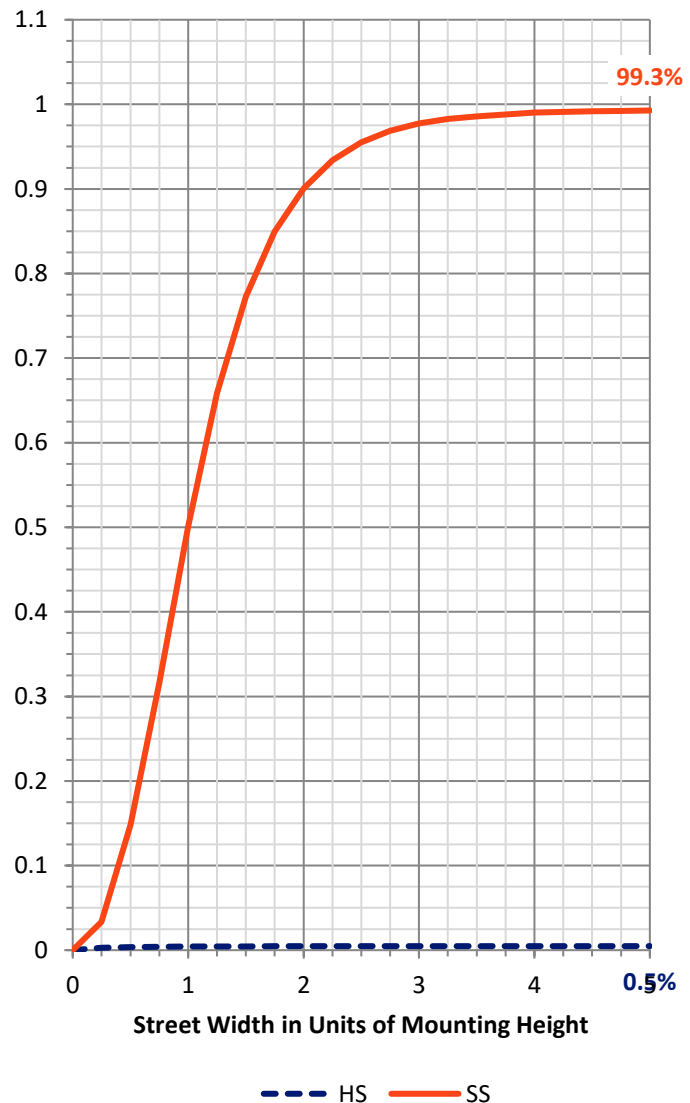
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	44.6	0.0	44.6
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	8862.5	0.0	8862.5
	% Fixture	99.5	0.0	99.5
Total	Lumens	8907.1	0.0	8907.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.5	0.0
10°-20°	19.6	0.2
20°-30°	211.1	2.4
30°-40°	624.2	7.0
40°-50°	1860.3	20.9
50°-60°	2949.8	33.1
60°-70°	2462.4	27.6
70°-80°	759.3	8.5
80°-90°	16.9	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°	8907.1	100.0
0°-180°	8907.1	100.0

Coefficient of Utilization



REPORT NUMBER: P1049107

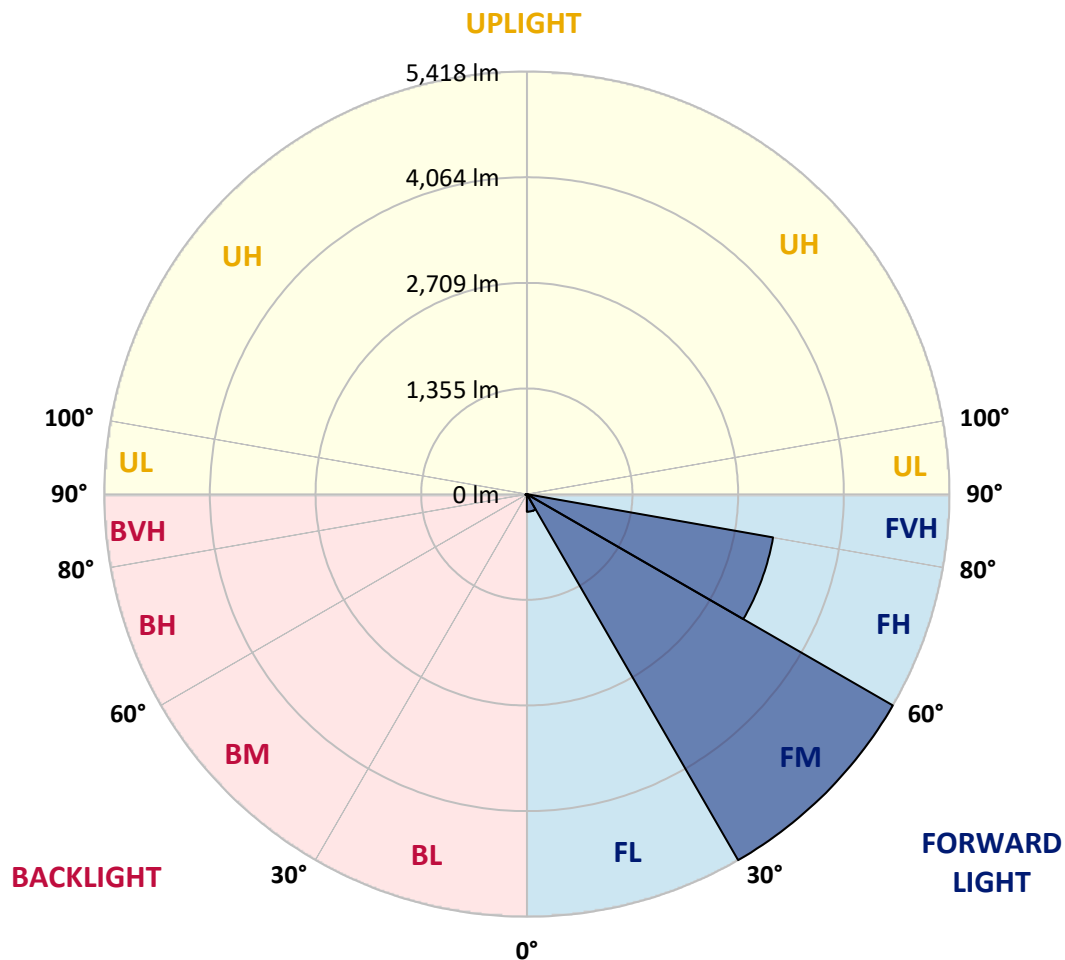
CATALOG NUMBER: GALN-SA2C-827-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	226.0	2.5			
FM	(30°-60°)	5418.4	60.8			
FH	(60°-80°)	3205.1	36.0			G2/5000
FVH	(80°-90°)	13.1	0.1			G1/100
BL	(0°-30°)	8.2	0.1	B0/110		
BM	(30°-60°)	15.9	0.2	B0/220		
BH	(60°-80°)	16.6	0.2	B0/110		G0/110
BVH	(80°-90°)	3.8	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



REPORT NUMBER: P1049107

CATALOG NUMBER: GALN-SA2C-827-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
2.5°	35.7	35.7	35.7	35.7	35.0	35.0	34.3	34.3	33.7	33.7
5°	37.7	37.7	37.0	36.3	36.3	35.7	35.0	34.3	34.3	33.7
7.5°	41.1	40.4	39.7	39.0	37.7	37.0	35.7	35.0	34.3	33.0
10°	45.1	43.8	42.4	41.1	39.7	38.4	37.0	36.3	35.0	34.3
12.5°	50.5	48.5	45.8	43.8	42.4	40.4	39.0	37.7	35.7	34.3
15°	55.2	52.5	49.1	46.4	44.4	41.7	39.7	37.7	36.3	34.3
17.5°	61.9	57.2	51.8	48.5	45.8	42.4	39.0	37.0	35.0	32.3
20°	73.4	63.9	53.8	49.8	45.8	41.7	37.7	35.0	33.0	30.3
22.5°	91.5	75.4	59.2	53.2	47.8	41.7	36.3	33.7	31.0	28.3
25°	126.5	97.6	68.7	60.6	52.5	44.4	36.3	33.0	30.3	26.9
27.5°	168.3	125.2	81.4	70.0	59.2	47.8	36.3	32.3	28.9	24.9
30°	210.7	153.5	95.6	80.8	66.0	51.2	36.3	31.6	27.6	22.9
32.5°	251.1	179.7	107.7	90.2	72.7	54.5	37.0	31.6	26.3	20.9
35°	292.1	201.3	109.7	91.5	73.4	54.5	36.3	30.3	24.9	18.8
37.5°	344.6	225.5	105.7	87.5	70.0	51.8	34.3	28.9	23.6	17.5
40°	424.1	265.9	107.7	88.8	70.0	51.2	32.3	26.9	22.2	16.8
42.5°	570.8	344.0	116.4	94.9	73.4	51.2	29.6	24.9	20.9	16.2
45°	986.8	571.5	156.2	123.9	91.5	59.2	26.9	22.9	19.5	15.5
47.5°	1632.3	956.5	280.7	216.7	153.5	89.5	26.3	22.9	19.5	15.5
50°	2083.2	1218.3	353.4	271.9	190.5	109.0	27.6	23.6	20.2	16.2
52.5°	2079.9	1237.2	393.8	302.2	211.4	119.8	28.9	24.9	21.5	17.5
55°	1849.0	1125.4	401.2	308.3	216.1	123.2	31.0	26.9	22.9	18.8
57.5°	1545.4	955.8	366.2	283.4	201.3	118.5	35.7	31.0	26.9	22.2
60°	1222.4	753.9	285.4	225.5	166.3	106.3	47.1	41.1	35.7	29.6
62.5°	844.1	546.6	249.0	199.9	151.4	102.3	53.8	47.8	42.4	36.3
65°	597.0	411.3	224.8	183.1	142.0	100.3	58.6	51.8	45.8	39.0
67.5°	446.3	327.1	207.3	171.6	136.0	100.3	64.6	56.5	49.1	41.1
70°	341.9	268.6	194.5	165.6	137.3	108.4	79.4	68.0	57.2	45.8
72.5°	278.7	229.5	179.7	158.9	138.0	117.1	96.3	81.4	66.6	51.2
75°	230.9	196.5	162.2	144.7	127.9	110.4	92.9	79.4	66.6	53.2
77.5°	153.5	140.0	125.9	115.8	105.7	94.9	84.8	73.4	62.6	51.2
80°	53.8	51.8	49.8	53.8	57.9	61.9	66.0	57.9	50.5	42.4
82.5°	8.1	7.4	6.7	7.4	8.1	8.8	9.4	10.1	10.8	11.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA2C-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049107

CATALOG NUMBER: GALN-SA2C-827-U-RBC

CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
0.0	2.5°	33.0	33.0	32.3	32.3	32.3	31.6	31.6	31.0	31.0	31.0
0.0	5°	32.3	32.3	31.6	31.0	30.3	30.3	29.6	28.9	28.9	28.3
0.0	7.5°	31.6	31.0	30.3	29.6	28.9	28.3	27.6	26.9	26.9	26.3
0.0	10°	32.3	31.0	30.3	28.9	28.3	27.6	26.3	25.6	24.9	24.9
0.0	12.5°	31.0	30.3	28.9	27.6	26.9	25.6	24.9	23.6	22.9	22.9
0.0	15°	31.0	29.6	27.6	26.3	24.9	24.2	22.9	21.5	20.9	20.2
0.0	17.5°	28.9	27.6	25.6	24.2	22.9	21.5	20.2	18.8	18.2	17.5
0.0	20°	26.3	24.9	22.9	20.9	19.5	18.2	16.8	15.5	14.8	14.1
0.0	22.5°	23.6	22.2	20.2	18.2	16.8	15.5	13.5	12.1	11.4	10.1
0.0	25°	22.2	20.2	18.2	16.2	14.1	12.8	10.8	8.8	7.4	6.1
0.0	27.5°	18.8	16.8	14.8	12.8	10.8	8.8	6.7	4.7	3.4	2.7
0.0	30°	16.2	14.1	12.1	10.1	7.4	5.4	3.4	0.7	0.7	0.7
0.0	32.5°	13.5	11.4	8.8	6.7	5.4	3.4	2.0	0.0	0.0	0.0
0.0	35°	10.8	8.8	6.1	4.0	3.4	2.0	1.3	0.0	0.0	0.0
0.0	37.5°	9.4	7.4	4.7	2.0	1.3	1.3	0.7	0.0	0.0	0.0
0.0	40°	8.8	6.1	3.4	0.7	0.7	0.7	0.0	0.0	0.0	0.0
0.0	42.5°	8.8	6.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	8.8	6.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	8.8	6.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	9.4	6.7	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	10.8	8.1	5.4	2.7	2.0	1.3	0.7	0.0	0.0	0.0
0.0	55°	13.5	12.1	10.1	8.8	6.7	4.7	2.0	0.0	0.0	0.0
0.0	57.5°	17.5	17.5	16.8	16.2	12.1	8.1	4.0	0.0	0.0	0.0
0.0	60°	23.6	23.6	23.6	23.6	17.5	12.1	6.1	0.0	0.0	0.0
0.0	62.5°	28.9	27.6	25.6	24.2	18.2	12.1	6.1	0.0	0.0	0.0
0.0	65°	28.9	26.3	22.9	19.5	14.8	10.1	4.7	0.0	0.0	0.0
0.0	67.5°	26.9	21.5	15.5	10.1	7.4	5.4	2.7	0.0	0.0	0.0
	70°	26.9	18.8	10.8	2.7	2.0	1.3	0.7	0.0	0.0	0.0
	72.5°	26.9	18.2	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	29.6	20.2	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	29.6	20.2	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	26.3	17.5	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	8.8	6.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA2C-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049107

CATALOG NUMBER: GALN-SA2C-827-U-RBC

CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
0.0	2.5°	30.3	30.3	30.3	29.6	29.6	29.6	29.6	28.9	28.9	28.9
0.0	5°	27.6	27.6	26.9	26.9	26.3	26.3	25.6	25.6	24.9	24.9
0.0	7.5°	25.6	24.9	24.9	24.2	23.6	23.6	22.9	22.9	22.2	21.5
0.0	10°	23.6	22.9	22.9	22.2	21.5	20.9	20.9	20.2	19.5	18.8
0.0	12.5°	21.5	20.9	20.2	19.5	18.8	18.2	18.2	17.5	16.8	16.2
0.0	15°	18.8	18.2	17.5	16.8	16.2	15.5	15.5	14.8	14.1	13.5
0.0	17.5°	16.2	15.5	15.5	14.8	14.1	13.5	12.8	11.4	10.8	10.1
0.0	20°	12.1	11.4	10.8	10.1	9.4	8.1	7.4	6.1	4.7	4.0
0.0	22.5°	8.1	6.7	6.1	4.7	3.4	2.7	2.0	0.7	0.0	0.0
0.0	25°	2.7	2.0	1.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA2C-827-U-RBC

[illegible]

REPORT NUMBER: P1049107

CATALOG NUMBER: GALN-SA2C-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°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
0.0	2.5°	28.3	28.3	28.3	27.6	27.6	27.6	27.6	27.6	27.6	27.6
0.0	5°	24.2	24.2	24.2	23.6	23.6	22.9	22.9	22.9	22.2	22.2
0.0	7.5°	20.9	20.2	20.2	19.5	19.5	18.8	18.8	18.8	18.2	18.2
0.0	10°	17.5	16.8	16.8	16.2	16.2	15.5	15.5	14.8	14.8	14.1
0.0	12.5°	15.5	14.8	14.1	13.5	13.5	12.8	12.1	12.1	11.4	10.8
0.0	15°	12.1	11.4	10.8	10.1	9.4	8.8	8.1	8.1	7.4	6.7
0.0	17.5°	8.1	6.7	6.1	5.4	5.4	4.7	4.0	3.4	2.7	2.0
0.0	20°	2.0	1.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049107

CATALOG NUMBER: GALN-SA2C-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049107

CATALOG NUMBER: GALN-SA2C-827-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°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
0.0	2.5°	27.6	26.9	26.9	26.9	27.6	27.6	27.6	27.6	27.6	27.6
0.0	5°	22.2	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
0.0	7.5°	18.2	17.5	17.5	17.5	17.5	16.8	16.8	16.8	16.8	16.8
0.0	10°	14.1	13.5	13.5	13.5	13.5	12.8	12.8	12.8	12.8	12.8
0.0	12.5°	10.1	10.1	9.4	9.4	9.4	8.8	8.8	8.8	8.8	8.1
0.0	15°	6.1	5.4	4.7	4.7	4.7	4.0	4.0	4.0	4.0	3.4
0.0	17.5°	1.3	1.3	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049107

CATALOG NUMBER: GALN-SA2C-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049107

CATALOG NUMBER: GALN-SA2C-827-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
0.0	2.5°	28.3	28.3	28.9	28.9	29.6	31.0	31.6	32.3	33.7	35.0
0.0	5°	22.2	22.9	22.9	23.6	24.2	24.9	25.6	26.3	27.6	28.9
0.0	7.5°	17.5	17.5	18.2	18.2	18.8	20.2	20.9	21.5	22.9	24.9
0.0	10°	13.5	13.5	14.1	14.1	14.8	16.2	16.8	17.5	18.8	20.9
0.0	12.5°	8.8	9.4	9.4	10.1	10.8	12.1	12.8	13.5	14.8	16.2
0.0	15°	4.0	4.7	4.7	5.4	6.1	7.4	8.1	8.8	10.1	12.1
0.0	17.5°	0.7	0.7	1.3	1.3	2.0	2.7	3.4	4.0	6.1	7.4
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.7
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA2C-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049107

CATALOG NUMBER: GALN-SA2C-827-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°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
0.0	2.5°	37.0	38.4	39.7	41.1	42.4	43.8	44.4	45.8	46.4	47.1
0.0	5°	31.6	33.0	35.0	36.3	37.7	39.0	40.4	41.1	41.7	42.4
0.0	7.5°	27.6	28.9	31.0	32.3	33.7	35.0	36.3	37.7	38.4	39.0
0.0	10°	23.6	25.6	26.9	28.9	30.3	31.6	33.0	34.3	35.7	36.3
0.0	12.5°	18.8	20.9	22.9	24.2	26.3	28.3	29.6	31.0	32.3	33.7
0.0	15°	14.8	16.8	18.8	20.2	22.2	24.2	26.3	27.6	28.9	30.3
0.0	17.5°	10.8	12.8	14.8	16.2	18.2	20.2	21.5	23.6	24.9	26.3
0.0	20°	5.4	7.4	9.4	11.4	13.5	15.5	16.8	18.8	20.2	21.5
0.0	22.5°	0.7	2.7	4.7	6.1	8.1	10.1	11.4	13.5	14.8	16.2
0.0	25°	0.0	0.7	2.0	2.7	3.4	4.7	6.1	7.4	8.8	10.1
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.7	1.3	2.7	4.0	5.4
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	1.3
	85°	0.0	0.0	0.0	0.0	0.0	1.3	2.0	3.4	4.0	4.7
	87.5°	0.0	0.7	1.3	2.0	2.7	4.0	5.4	6.7	7.4	8.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049107

CATALOG NUMBER: GALN-SA2C-827-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
39.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
0.7											
2.7											
6.1											
8.8											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049107

CATALOG NUMBER: GALN-SA2C-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°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
0.0	2.5°	47.8	47.8	47.8	47.8	47.1	47.1	47.1	46.4	46.4	45.8
0.0	5°	43.8	44.4	44.4	44.4	44.4	44.4	44.4	44.4	43.8	43.8
0.0	7.5°	40.4	41.1	41.7	41.7	42.4	42.4	42.4	41.7	41.7	41.1
0.0	10°	38.4	39.0	39.0	39.7	39.7	39.7	39.7	39.7	39.7	39.7
0.0	12.5°	35.7	36.3	37.0	37.0	37.7	37.7	37.7	37.7	37.0	37.0
0.0	15°	32.3	33.7	34.3	35.0	35.0	35.7	35.7	35.7	35.7	35.7
0.0	17.5°	29.6	31.0	31.6	32.3	32.3	33.0	33.0	33.7	33.7	33.7
0.0	20°	24.2	25.6	26.3	27.6	28.3	28.9	29.6	30.3	30.3	31.0
0.0	22.5°	18.8	20.2	20.9	22.2	22.9	23.6	24.2	24.9	25.6	26.3
0.0	25°	13.5	14.8	15.5	16.8	17.5	18.2	18.8	19.5	19.5	20.2
0.0	27.5°	7.4	8.8	10.1	10.8	12.1	12.8	13.5	14.1	14.8	15.5
0.0	30°	3.4	4.0	4.7	6.1	6.7	7.4	8.1	9.4	10.1	10.8
0.0	32.5°	0.0	0.0	0.7	2.0	2.7	3.4	4.0	4.7	4.7	5.4
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.3	2.0	2.7
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°	1.3	1.3	1.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	82.5°	3.4	4.0	4.7	4.7	5.4	5.4	5.4	5.4	4.7	4.7
	85°	6.7	7.4	8.1	8.1	8.8	8.8	8.8	8.8	8.8	8.8
	87.5°	9.4	10.1	10.8	10.8	11.4	11.4	11.4	11.4	11.4	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: P1049107

CATALOG NUMBER: GALN-SA2C-827-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
39.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	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	172.5°	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	177.5°	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										
2.0										
4.7										
8.8										
11.4										
0.0										
0.0										
0.0										
0.0										
0.0										
0.0										
0.0										
0.0										
0.0										
0.0										
0.0										
0.0										

REPORT NUMBER: P1049107

CATALOG NUMBER: GALN-SA2C-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°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
0.0	2.5°	45.1	45.1	44.4	44.4	44.4	44.4	44.4	45.1	45.8	45.8
0.0	5°	43.1	43.1	42.4	42.4	42.4	43.1	43.1	43.8	44.4	45.1
0.0	7.5°	41.1	40.4	40.4	41.1	41.1	41.7	41.7	42.4	43.1	43.8
0.0	10°	39.7	39.0	39.0	39.0	39.7	39.7	40.4	41.1	41.7	42.4
0.0	12.5°	37.0	37.0	37.0	37.0	37.7	37.7	38.4	39.0	40.4	41.1
0.0	15°	35.7	35.0	35.0	35.0	35.0	35.7	35.7	37.0	38.4	39.0
0.0	17.5°	33.0	33.0	32.3	32.3	33.0	33.0	33.7	35.0	36.3	37.0
0.0	20°	30.3	29.6	28.9	28.9	29.6	29.6	30.3	31.6	33.0	33.7
0.0	22.5°	26.3	25.6	25.6	25.6	25.6	26.3	26.3	27.6	29.6	31.0
0.0	25°	20.9	21.5	21.5	22.2	22.2	22.9	23.6	24.9	26.9	28.3
0.0	27.5°	16.2	16.8	16.8	18.2	18.8	19.5	20.2	22.2	24.2	25.6
0.0	30°	12.1	12.8	13.5	14.1	15.5	16.8	18.2	20.2	22.2	23.6
0.0	32.5°	7.4	8.8	9.4	10.8	12.1	13.5	14.8	16.8	19.5	21.5
0.0	35°	5.4	6.1	7.4	8.1	9.4	10.8	12.1	14.8	16.8	19.5
0.0	37.5°	2.7	4.0	5.4	6.7	8.1	9.4	10.8	13.5	16.2	18.2
0.0	40°	2.0	3.4	4.0	5.4	7.4	8.8	10.1	12.8	15.5	18.2
0.0	42.5°	1.3	2.0	2.7	4.7	6.1	8.1	10.1	12.8	15.5	18.2
0.0	45°	1.3	1.3	2.0	4.0	6.1	8.8	10.8	13.5	15.5	18.2
0.0	47.5°	1.3	2.0	2.7	5.4	6.7	8.8	10.8	12.8	15.5	17.5
0.0	50°	2.0	2.7	3.4	6.1	7.4	9.4	10.8	13.5	15.5	18.2
0.0	52.5°	1.3	2.0	2.7	5.4	7.4	10.1	12.1	14.8	17.5	19.5
0.0	55°	0.7	0.7	0.7	4.0	8.1	11.4	15.5	17.5	20.2	22.2
0.0	57.5°	0.0	0.0	0.0	2.7	8.1	12.8	17.5	20.2	22.9	24.9
0.0	60°	0.0	0.0	0.0	2.7	8.1	12.8	17.5	20.9	24.2	27.6
0.0	62.5°	0.0	0.0	0.0	2.7	6.7	10.8	14.8	20.2	26.3	31.6
0.0	65°	0.0	0.0	0.0	2.0	5.4	8.8	12.1	20.2	28.3	35.7
0.0	67.5°	0.0	0.0	0.0	2.0	5.4	8.1	11.4	20.2	28.3	37.0
	70°	0.0	0.0	0.0	2.0	5.4	8.8	12.1	20.2	28.3	36.3
	72.5°	0.0	0.0	0.0	2.0	6.1	9.4	13.5	20.2	26.9	33.7
	75°	0.0	0.0	0.0	2.7	6.1	10.1	14.1	20.2	26.3	31.6
	77.5°	0.0	0.0	0.0	2.0	6.1	9.4	13.5	19.5	25.6	31.0
	80°	2.0	1.3	1.3	3.4	6.1	8.8	11.4	17.5	24.2	30.3
	82.5°	4.0	4.0	3.4	4.7	6.1	8.1	10.1	15.5	21.5	26.9
	85°	8.1	8.1	7.4	8.1	8.1	8.8	9.4	12.1	14.8	17.5
	87.5°	10.8	10.8	10.1	10.1	10.1	9.4	9.4	9.4	9.4	8.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049107

CATALOG NUMBER: GALN-SA2C-827-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
39.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.3	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
27.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.4											
40.4											
37.7											
37.0											
36.3											
32.3											
20.2											
8.8											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049107

CATALOG NUMBER: GALN-SA2C-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°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
0.0	2.5°	47.1	47.8	47.8	48.5	49.1	49.8	49.8	50.5	50.5	50.5
0.0	5°	46.4	47.8	48.5	49.1	49.8	50.5	51.2	51.8	52.5	52.5
0.0	7.5°	45.8	46.4	47.8	48.5	49.8	50.5	51.8	52.5	53.2	53.8
0.0	10°	44.4	45.8	47.1	48.5	49.8	51.2	52.5	53.8	55.2	55.9
0.0	12.5°	43.1	45.1	46.4	47.8	49.8	51.8	53.2	55.2	56.5	57.9
0.0	15°	42.4	43.8	45.8	47.1	49.8	52.5	54.5	57.2	59.9	61.9
0.0	17.5°	40.4	43.1	45.1	47.1	49.8	53.2	55.9	58.6	62.6	66.6
0.0	20°	37.7	39.7	42.4	44.4	48.5	51.8	55.9	59.2	65.3	71.3
0.0	22.5°	35.0	37.7	39.7	42.4	47.1	51.2	55.9	59.9	70.0	79.4
0.0	25°	32.3	35.7	38.4	41.1	46.4	51.8	57.2	62.6	79.4	96.3
0.0	27.5°	31.0	33.7	37.0	39.7	46.4	53.8	60.6	67.3	94.2	120.5
0.0	30°	28.9	32.3	35.0	38.4	47.1	55.9	64.6	73.4	114.4	155.5
0.0	32.5°	26.9	30.3	33.7	37.0	48.5	59.9	70.7	82.1	136.0	189.1
0.0	35°	24.9	28.9	32.3	35.7	50.5	66.0	80.8	95.6	155.5	214.7
0.0	37.5°	24.2	28.3	31.6	35.0	51.2	66.6	82.8	98.3	157.5	216.7
0.0	40°	24.9	28.3	32.3	35.7	49.1	62.6	75.4	88.8	150.8	212.0
0.0	42.5°	24.9	28.9	33.0	37.0	47.8	58.6	69.3	80.1	148.8	217.4
0.0	45°	24.2	28.3	32.3	36.3	46.4	55.9	66.0	75.4	160.9	245.7
0.0	47.5°	23.6	27.6	31.6	35.7	45.8	55.9	66.0	76.1	208.0	339.2
0.0	50°	23.6	27.6	31.0	34.3	46.4	59.2	71.3	83.5	302.9	521.7
0.0	52.5°	24.9	28.3	31.0	33.7	47.8	62.6	76.7	90.9	385.0	678.5
0.0	55°	26.9	28.9	31.6	33.7	51.2	68.0	85.5	102.3	409.9	717.5
0.0	57.5°	29.6	31.6	33.7	35.7	57.2	78.8	99.6	121.2	411.9	702.0
0.0	60°	33.0	35.7	37.7	39.7	62.6	86.2	109.0	131.9	372.9	613.2
0.0	62.5°	40.4	43.8	46.4	49.8	72.0	93.6	115.8	137.3	309.6	481.9
0.0	65°	46.4	49.1	51.8	54.5	76.1	98.3	119.8	141.4	262.5	383.7
0.0	67.5°	47.8	50.5	52.5	55.2	77.4	99.6	121.2	143.4	224.8	305.6
	70°	48.5	51.8	55.9	59.2	82.1	105.0	127.2	150.1	199.2	248.4
	72.5°	46.4	53.2	59.2	65.3	86.8	107.7	129.2	150.1	185.1	220.1
	75°	46.4	55.9	64.6	73.4	89.5	105.0	121.2	136.6	163.6	190.5
	77.5°	49.1	61.3	73.4	85.5	94.9	103.7	113.1	121.8	139.3	156.8
	80°	49.1	61.9	74.0	86.8	90.9	95.6	99.6	103.7	105.7	107.7
	82.5°	42.4	52.5	62.6	72.7	68.0	63.3	58.6	53.8	50.5	46.4
	85°	21.5	23.6	24.9	26.3	24.2	22.2	20.2	18.2	16.8	14.8
	87.5°	8.8	8.8	8.1	8.1	8.1	8.1	7.4	7.4	7.4	7.4
	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: P1049107

CATALOG NUMBER: GALN-SA2C-827-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
39.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
199.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
269.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
337.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
383.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
417.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
451.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
519.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
653.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
996.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1525.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1921.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1772.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1515.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1184.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
895.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
661.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
467.8											
348.0											
253.1											
190.5											
107.0											
48.5											
14.1											
6.7											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049107

CATALOG NUMBER: GALN-SA2C-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°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
0.0	2.5°	50.5	49.8	49.8	49.1	48.5	47.8	47.1	46.4	45.8	45.1
0.0	5°	52.5	52.5	52.5	51.8	51.8	51.2	51.2	50.5	49.8	49.1
0.0	7.5°	54.5	55.2	55.2	55.9	55.9	55.9	55.9	55.2	55.2	55.2
0.0	10°	57.9	58.6	59.2	59.9	60.6	61.3	61.3	61.9	61.9	61.9
0.0	12.5°	61.9	63.9	65.3	67.3	68.7	70.7	72.0	74.0	75.4	76.7
0.0	15°	68.0	71.3	75.4	78.8	82.1	86.8	92.2	96.9	101.6	109.0
0.0	17.5°	76.7	87.5	98.3	108.4	119.1	142.7	166.3	189.1	212.7	247.0
0.0	20°	93.6	125.9	157.5	189.8	221.5	304.2	386.4	469.2	551.3	639.4
0.0	22.5°	131.3	210.7	290.1	369.5	449.0	621.9	794.3	967.2	1139.6	1342.2
0.0	25°	190.5	336.6	482.6	628.0	774.1	1044.7	1315.9	1586.5	1857.1	2120.3
0.0	27.5°	277.3	500.8	724.3	947.1	1170.5	1537.4	1904.9	2271.7	2638.6	2936.1
0.0	30°	384.3	687.2	990.1	1293.0	1595.9	2013.2	2430.6	2847.2	3264.5	3589.6
0.0	32.5°	485.3	856.2	1227.1	1597.3	1968.1	2443.4	2919.2	3394.4	3869.7	4225.1
0.0	35°	551.3	999.6	1448.5	1896.8	2345.1	2859.3	3373.6	3887.2	4401.4	4807.3
0.0	37.5°	617.2	1134.8	1651.8	2169.4	2686.3	3251.1	3815.8	4380.5	4945.3	5446.7
0.0	40°	691.3	1298.4	1904.9	2512.0	3118.5	3787.5	4455.9	5125.0	5793.4	6500.8
0.0	42.5°	819.8	1569.7	2320.2	3070.0	3819.8	4705.0	5590.1	6474.6	7359.7	8369.3
0.0	45°	1061.5	2118.2	3175.7	4232.5	5289.2	6461.8	7635.0	8807.5	9980.1	11323.6
0.0	47.5°	1653.1	3107.0	4560.3	6014.2	7467.4	8733.5	9998.9	11265.0	12530.5	13868.6
0.0	50°	2529.5	4221.7	5913.9	7605.4	9297.5	10443.2	11588.1	12733.7	13878.7	15151.5
0.0	52.5°	3163.6	4926.4	6690.0	8452.8	10215.7	11249.5	12284.1	13318.0	14351.9	15541.2
0.0	55°	3211.4	4964.1	6717.5	8470.3	10223.1	11261.7	12300.3	13338.8	14377.4	15638.2
0.0	57.5°	2843.2	4581.8	6319.7	8058.4	9796.3	10979.0	12160.9	13343.6	14525.5	15888.6
0.0	60°	2418.5	4157.7	5896.4	7635.7	9374.3	10736.6	12099.7	13462.0	14824.4	16101.3
0.0	62.5°	1886.7	3675.8	5465.6	7254.7	9043.8	10427.0	11810.2	13192.8	14576.0	15533.8
0.0	65°	1406.1	3143.4	4880.7	6617.3	8354.5	9462.5	10570.4	11677.6	12785.6	13378.6
0.0	67.5°	1016.4	2514.7	4012.4	5510.7	7008.3	7801.2	8594.2	9386.4	10179.3	10633.0
	70°	687.2	1725.2	2762.4	3800.3	4837.6	5489.1	6141.4	6792.9	7444.5	8057.0
	72.5°	475.9	1058.8	1642.4	2225.3	2808.2	3463.8	4118.7	4774.3	5429.2	6077.4
	75°	315.7	580.9	846.8	1112.0	1377.2	1862.5	2348.4	2833.8	3319.1	3705.4
	77.5°	224.1	303.6	383.7	463.1	542.5	633.4	724.9	815.8	906.7	1044.7
	80°	106.3	116.4	126.5	136.0	146.1	179.0	212.0	245.0	278.0	313.0
	82.5°	50.5	54.5	58.6	61.9	66.0	69.3	72.7	76.1	79.4	76.1
	85°	13.5	13.5	14.1	14.1	14.1	14.1	14.1	14.1	14.1	13.5
	87.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.4	5.4	4.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049107

CATALOG NUMBER: GALN-SA2C-827-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
39.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
280.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
728.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1544.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2383.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3233.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3915.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4581.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5213.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5948.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7208.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9379.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12667.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15206.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16424.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16730.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16899.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17251.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17377.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16492.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13972.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11087.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8668.9											
6725.6											
4091.8											
1182.6											
348.0											
72.0											
12.8											
4.7											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049107

CATALOG NUMBER: GALN-SA2C-827-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
0.0	2.5°	43.8	43.1	42.4	41.7	41.1	39.7	39.7	39.0	39.0
0.0	5°	47.8	47.1	46.4	45.8	45.8	45.1	44.4	44.4	43.8
0.0	7.5°	54.5	53.8	53.2	52.5	52.5	51.8	51.8	51.2	51.2
0.0	10°	62.6	62.6	62.6	62.6	62.6	61.9	61.9	61.9	61.3
0.0	12.5°	78.8	79.4	80.8	82.1	84.1	84.1	84.1	83.5	83.5
0.0	15°	124.5	131.9	137.3	142.7	147.4	158.2	156.8	154.8	153.5
0.0	17.5°	315.0	348.7	366.8	384.3	402.5	452.3	444.2	436.2	428.8
0.0	20°	816.5	904.6	963.2	1021.8	1081.0	1174.6	1151.7	1128.8	1105.9
0.0	22.5°	1746.7	1949.3	2037.5	2125.7	2213.2	2326.2	2252.9	2179.5	2106.8
0.0	25°	2646.0	2909.1	3057.9	3206.7	3354.7	3419.4	3323.8	3227.5	3131.9
0.0	27.5°	3531.1	3828.6	3959.9	4090.4	4221.7	4357.0	4238.5	4119.4	4000.9
0.0	30°	4240.5	4565.6	4707.7	4849.0	4991.0	5085.3	4962.8	4839.6	4717.1
0.0	32.5°	4936.5	5291.9	5447.4	5602.9	5757.7	5893.0	5742.2	5590.8	5440.0
0.0	35°	5618.4	6024.3	6238.3	6452.3	6666.4	6792.3	6613.2	6433.5	6254.5
0.0	37.5°	6450.3	6951.8	7191.4	7431.0	7670.7	7900.2	7703.0	7505.1	7307.9
0.0	40°	7915.7	8623.1	8990.6	9358.8	9726.3	10022.5	9773.4	9524.4	9275.3
0.0	42.5°	10388.6	11398.3	11926.7	12454.4	12982.8	13445.2	13183.4	12921.5	12659.7
0.0	45°	14010.6	15354.1	15998.3	16641.8	17285.9	17623.8	17246.9	16869.3	16492.3
0.0	47.5°	16544.2	17882.3	18455.8	19029.2	19602.7	19988.4	19527.3	19066.3	18605.9
0.0	50°	17696.5	18969.3	19544.8	20119.7	20695.2	21001.4	20469.0	19935.9	19403.5
0.0	52.5°	17919.3	19108.7	19795.2	20482.5	21169.0	21578.3	20949.6	20320.3	19691.6
0.0	55°	18160.3	19421.0	20217.3	21014.2	21810.5	22377.2	21666.5	20955.0	20244.2
0.0	57.5°	18613.9	19977.0	20771.2	21564.8	22359.1	22840.3	22127.5	21414.0	20701.2
0.0	60°	18654.3	19930.5	20613.0	21296.2	21978.8	22281.7	21599.8	20917.3	20235.4
0.0	62.5°	17450.1	18408.0	18881.8	19355.7	19829.6	20158.7	19447.2	18735.1	18023.6
0.0	65°	14565.2	15158.2	15535.8	15913.5	16291.1	16683.5	16031.9	15380.4	14728.8
0.0	67.5°	11541.0	11994.7	12492.1	12989.5	13486.9	13906.3	13384.6	12862.3	12340.6
	70°	9281.4	9893.2	10452.6	11011.9	11571.3	11914.6	11390.9	10866.5	10342.9
	72.5°	7373.8	8022.0	8489.2	8955.6	9422.7	9506.9	9121.9	8736.9	8352.5
	75°	4477.5	4863.8	4873.3	4882.0	4891.4	4971.5	4652.5	4333.4	4015.0
	77.5°	1320.6	1458.6	1572.4	1685.4	1799.2	1936.5	1819.4	1701.6	1584.5
	80°	382.3	417.3	446.9	475.9	505.5	488.0	460.4	432.8	405.2
	82.5°	68.7	64.6	63.9	63.3	63.3	59.9	54.5	49.1	43.8
	85°	12.1	11.4	10.8	10.1	9.4	8.8	7.4	6.7	5.4
	87.5°	4.0	3.4	2.7	2.0	2.0	0.7	0.7	0.7	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049107

CATALOG NUMBER: GALN-SA2C-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049107

CATALOG NUMBER: GALN-SA2C-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°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
0.0	0.0	2.5°	38.4	37.7	37.7	37.7	37.7	37.0	37.0	37.0	37.0
0.0	0.0	5°	42.4	42.4	41.7	41.7	41.1	41.1	40.4	40.4	39.7
0.0	0.0	7.5°	49.8	49.1	48.5	47.8	47.1	45.8	45.1	44.4	44.4
0.0	0.0	10°	59.9	58.6	57.9	56.5	55.9	54.5	53.2	51.8	50.5
0.0	0.0	12.5°	78.8	76.1	74.0	71.3	68.7	66.6	63.9	61.9	59.2
0.0	0.0	15°	136.6	129.9	122.5	113.8	104.3	95.6	86.2	80.8	74.7
0.0	0.0	17.5°	349.3	314.3	278.7	249.7	220.8	192.5	163.6	142.7	121.8
0.0	0.0	20°	889.2	792.2	695.3	599.7	503.5	407.9	311.6	263.2	214.7
0.0	0.0	22.5°	1673.3	1493.6	1313.2	1138.9	963.9	789.5	615.2	505.5	396.5
0.0	0.0	25°	2582.7	2356.5	2130.4	1843.6	1556.2	1269.5	982.7	804.4	626.0
0.0	0.0	27.5°	3360.8	3100.3	2839.8	2491.1	2142.5	1793.8	1445.1	1179.3	914.1
0.0	0.0	30°	4034.6	3754.6	3474.5	3068.7	2662.8	2256.9	1851.0	1518.5	1186.0
0.0	0.0	32.5°	4618.8	4283.6	3948.4	3529.7	3111.1	2692.4	2273.7	1865.8	1457.9
0.0	0.0	35°	5292.6	4901.5	4509.8	4045.3	3580.2	3115.8	2651.3	2190.9	1729.9
0.0	0.0	37.5°	6148.8	5668.9	5188.3	4670.6	4153.0	3636.1	3118.5	2592.1	2065.7
0.0	0.0	40°	7787.8	7168.5	6549.3	5891.7	5233.4	4575.7	3918.1	3271.9	2625.8
0.0	0.0	42.5°	10724.5	9887.9	9051.2	8176.2	7300.5	6425.4	5549.7	4638.3	3726.3
0.0	0.0	45°	14038.9	13000.9	11962.4	10980.3	9997.6	9015.5	8033.5	6782.8	5532.2
0.0	0.0	47.5°	15902.7	14782.0	13661.3	12731.7	11802.2	10872.6	9943.0	8594.8	7246.6
0.0	0.0	50°	16588.6	15447.7	14306.8	13451.3	12595.1	11739.6	10883.4	9533.1	8182.2
0.0	0.0	52.5°	16734.6	15570.8	14407.1	13546.2	12685.3	11825.0	10964.1	9622.7	8281.2
0.0	0.0	55°	17034.8	15786.2	14537.0	13555.6	12574.2	11592.8	10611.4	9248.4	7885.4
0.0	0.0	57.5°	17427.3	16147.0	14866.8	13748.8	12630.7	11513.4	10395.4	8905.1	7414.9
0.0	0.0	60°	17324.3	16210.3	15095.6	13898.2	12700.1	11502.6	10304.5	8665.5	7025.8
0.0	0.0	62.5°	15536.5	14649.4	13761.6	12776.8	11791.4	10806.6	9821.9	8134.4	6447.0
0.0	0.0	65°	12781.5	12134.0	11486.5	10694.2	9901.3	9109.1	8316.8	6803.7	5291.2
0.0	0.0	67.5°	10359.0	9629.4	8899.1	8267.7	7635.7	7004.3	6372.2	5181.5	3990.8
		70°	8230.0	7436.4	6642.2	6025.6	5408.4	4791.8	4175.2	3383.7	2592.8
		72.5°	6535.8	5820.3	5104.8	4447.2	3788.9	3131.3	2473.0	2005.2	1537.4
		75°	3123.9	2837.8	2551.7	2207.8	1863.8	1519.9	1175.9	972.0	768.7
		77.5°	1157.7	1003.6	848.8	708.8	568.8	429.4	289.4	265.2	241.0
		80°	299.5	261.2	222.1	194.5	166.3	138.7	111.1	100.3	90.2
		82.5°	34.3	31.6	29.6	28.3	26.3	24.9	22.9	20.9	18.8
		85°	2.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049107
CATALOG NUMBER: GALN-SA2C-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049107

CATALOG NUMBER: GALN-SA2C-827-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	39.0	39.0
0.0	0.0	2.5°	36.3	35.7
0.0	0.0	5°	38.4	37.7
0.0	0.0	7.5°	42.4	41.1
0.0	0.0	10°	46.4	45.1
0.0	0.0	12.5°	52.5	50.5
0.0	0.0	15°	59.2	55.2
0.0	0.0	17.5°	70.7	61.9
0.0	0.0	20°	95.6	73.4
0.0	0.0	22.5°	134.6	91.5
0.0	0.0	25°	197.9	126.5
0.0	0.0	27.5°	275.3	168.3
0.0	0.0	30°	366.2	210.7
0.0	0.0	32.5°	446.3	251.1
0.0	0.0	35°	550.6	292.1
0.0	0.0	37.5°	679.2	344.6
0.0	0.0	40°	878.4	424.1
0.0	0.0	42.5°	1237.2	570.8
0.0	0.0	45°	2009.2	986.8
0.0	0.0	47.5°	3091.6	1632.3
0.0	0.0	50°	3782.2	2083.2
0.0	0.0	52.5°	3838.7	2079.9
0.0	0.0	55°	3504.2	1849.0
0.0	0.0	57.5°	2989.9	1545.4
0.0	0.0	60°	2485.1	1222.4
0.0	0.0	62.5°	1958.1	844.1
0.0	0.0	65°	1431.0	597.0
0.0	0.0	67.5°	1027.8	446.3
		70°	675.8	341.9
		72.5°	440.2	278.7
		75°	296.2	230.9
		77.5°	173.0	153.5
		80°	61.3	53.8
		82.5°	11.4	8.1
		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: P1049107

CATALOG NUMBER: GALN-SA2C-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

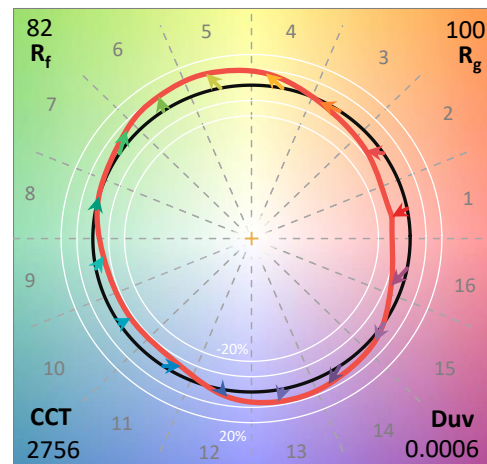
Test Information

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

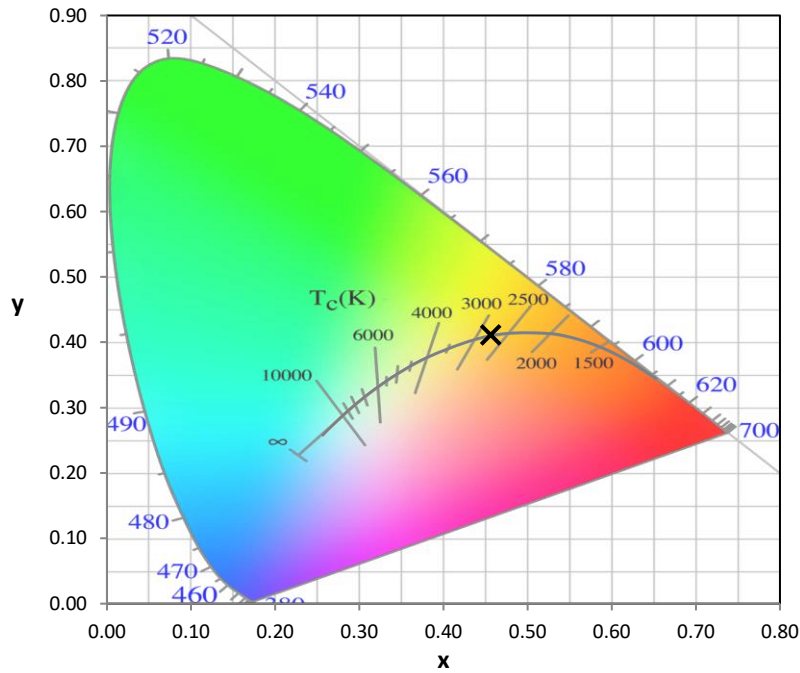
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-8

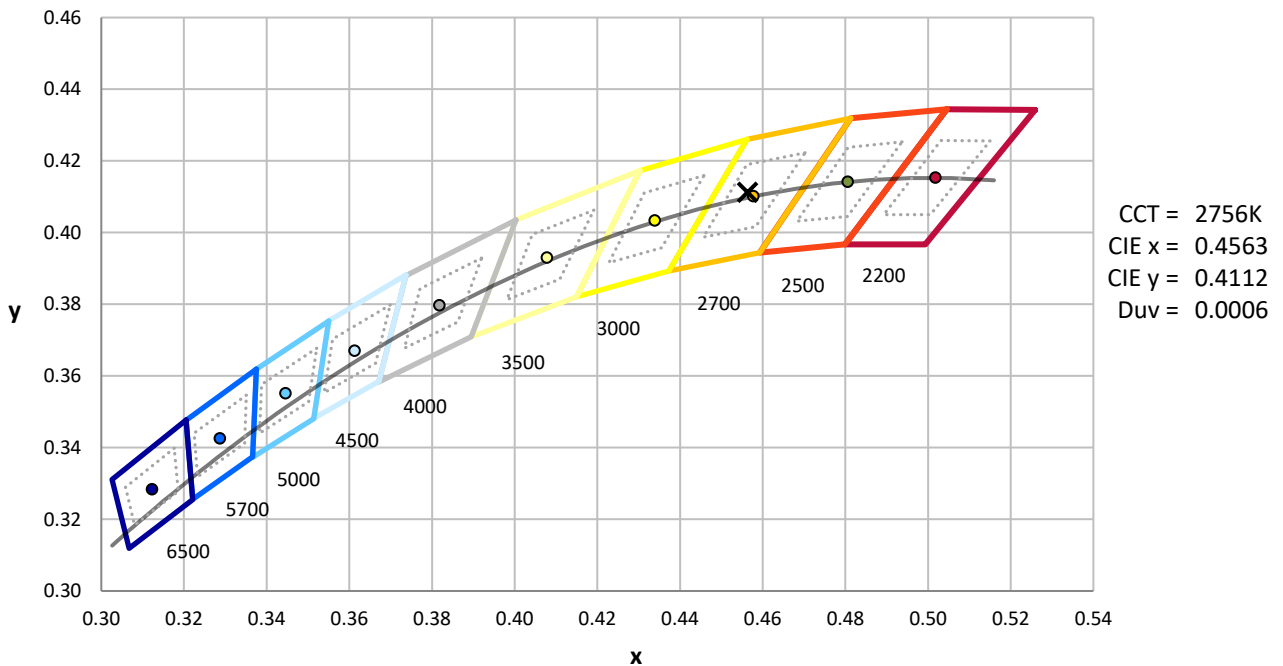
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

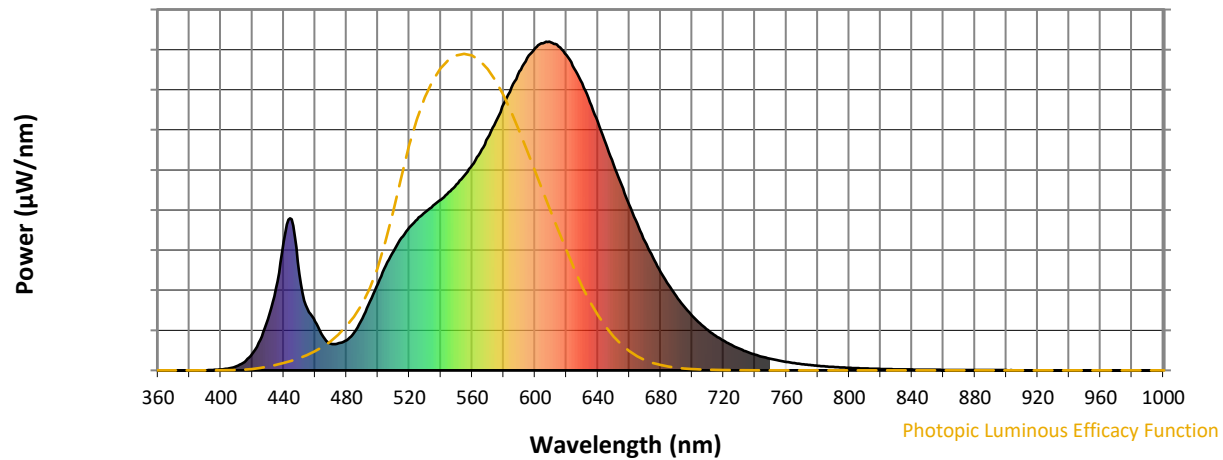


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

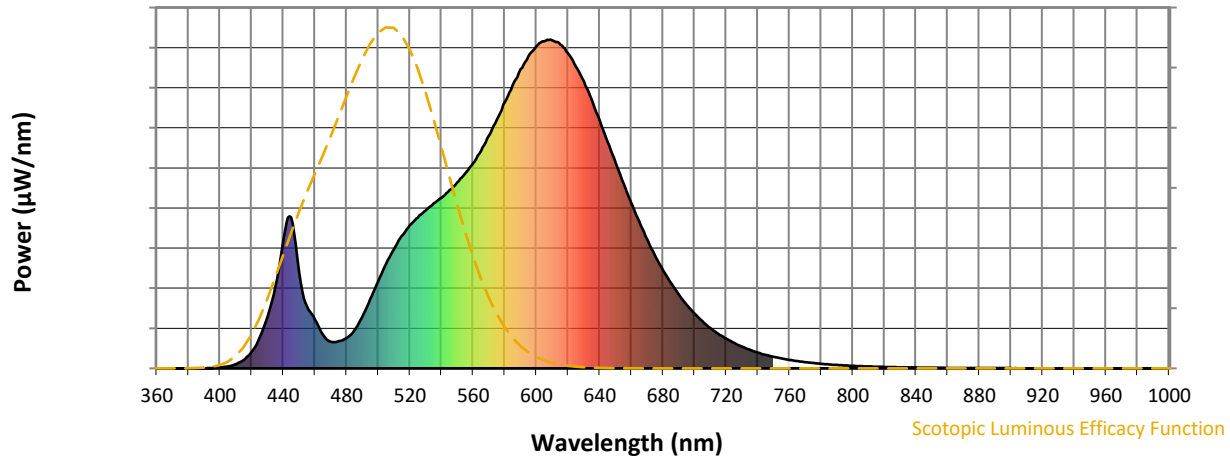


Photopic Lumens: NR

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



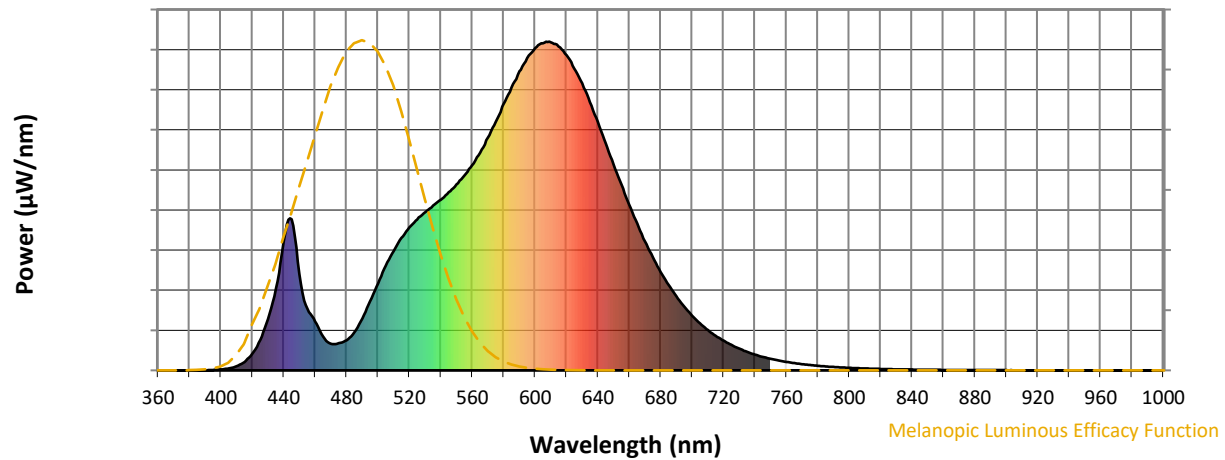
Scotopic Lumens: NR

S/P: 1.2

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

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.16

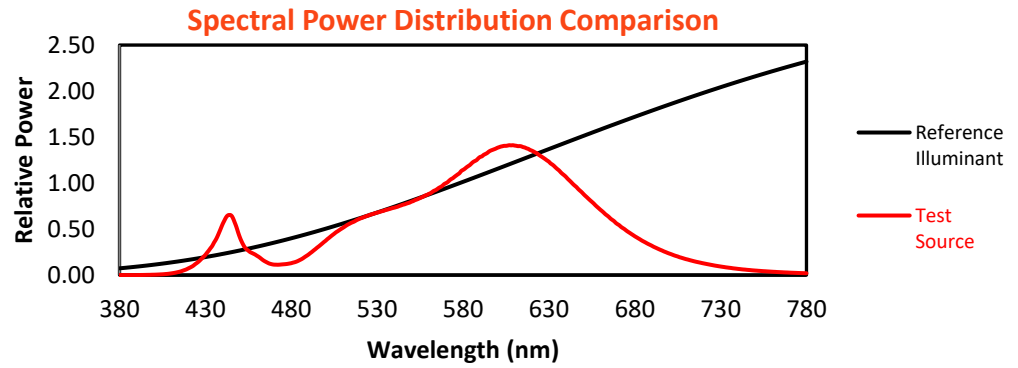
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	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

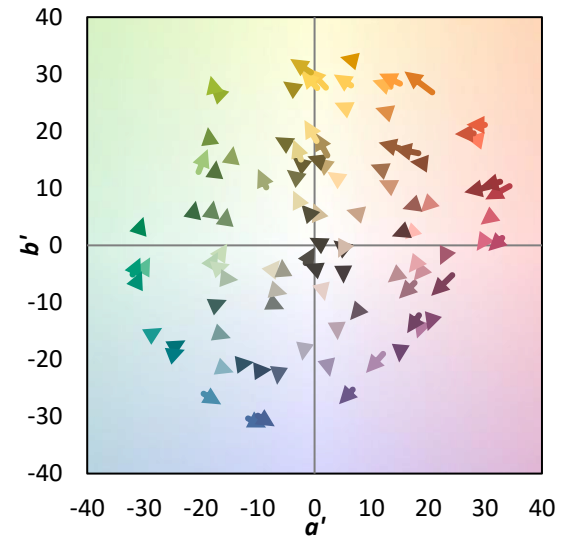
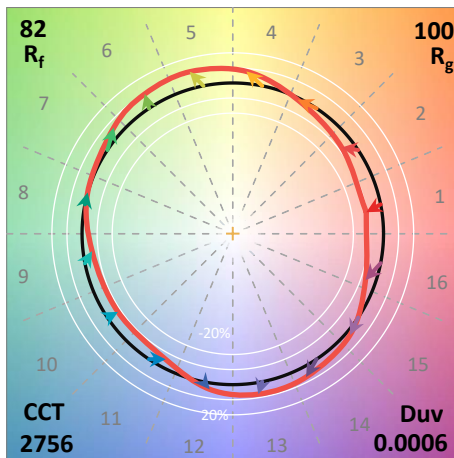
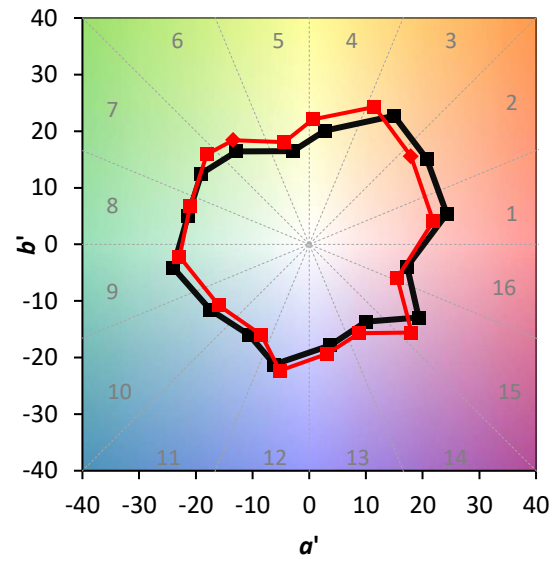
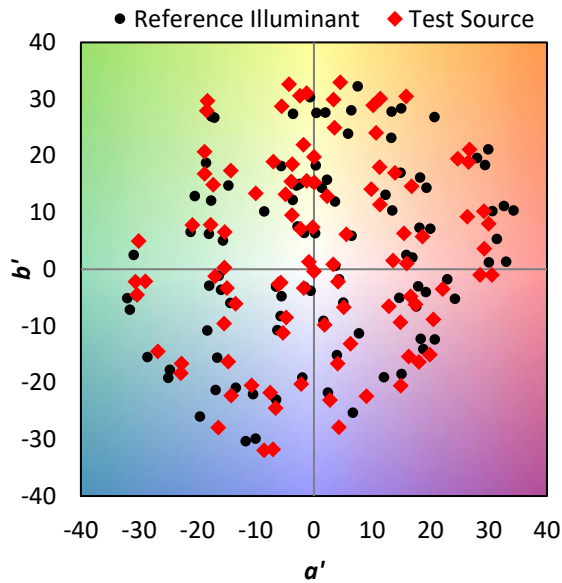
TM-30-18

Summary

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

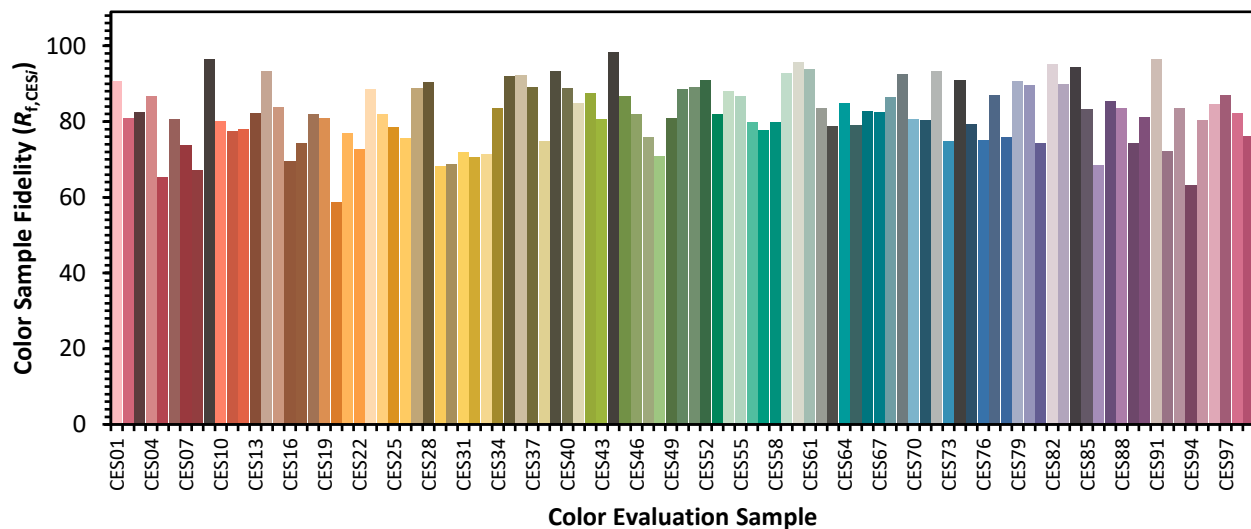


Color Vector Graphics

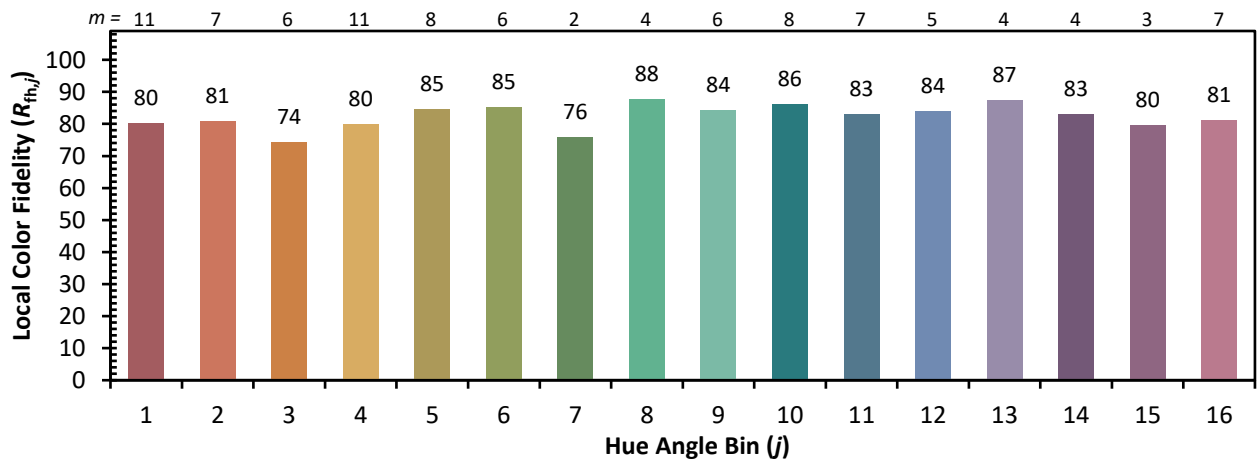
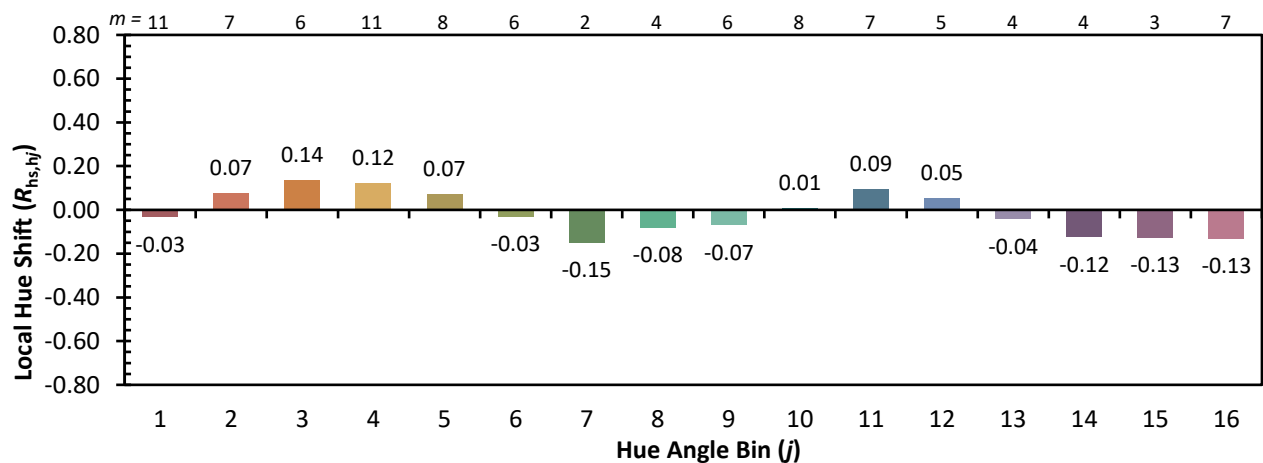
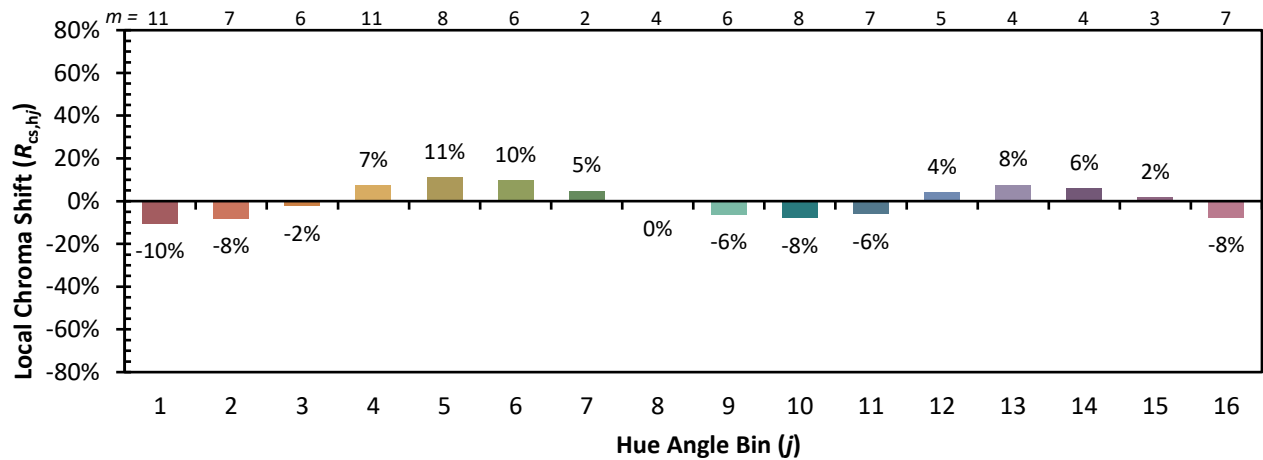


Individual Sample Fidelity Index ($R_{f,i}$)

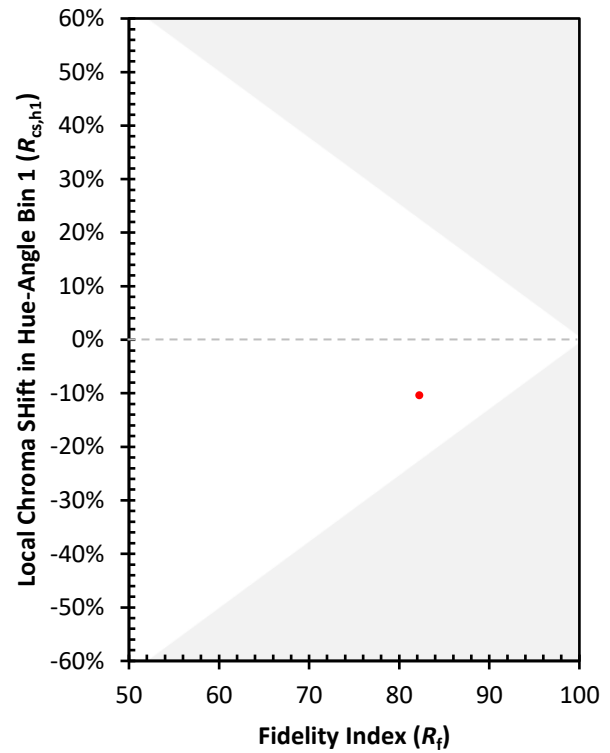
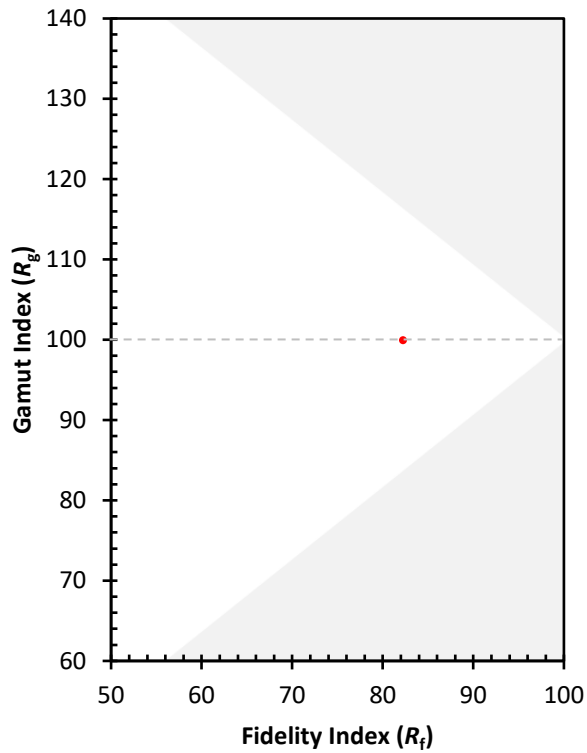
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 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)