

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: P1049321

Luminaire Tested: **GALN-SA2A-930-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049321
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2A-930-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
90CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4611.6 lumens
Efficiency: N/A
Efficacy: 82.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

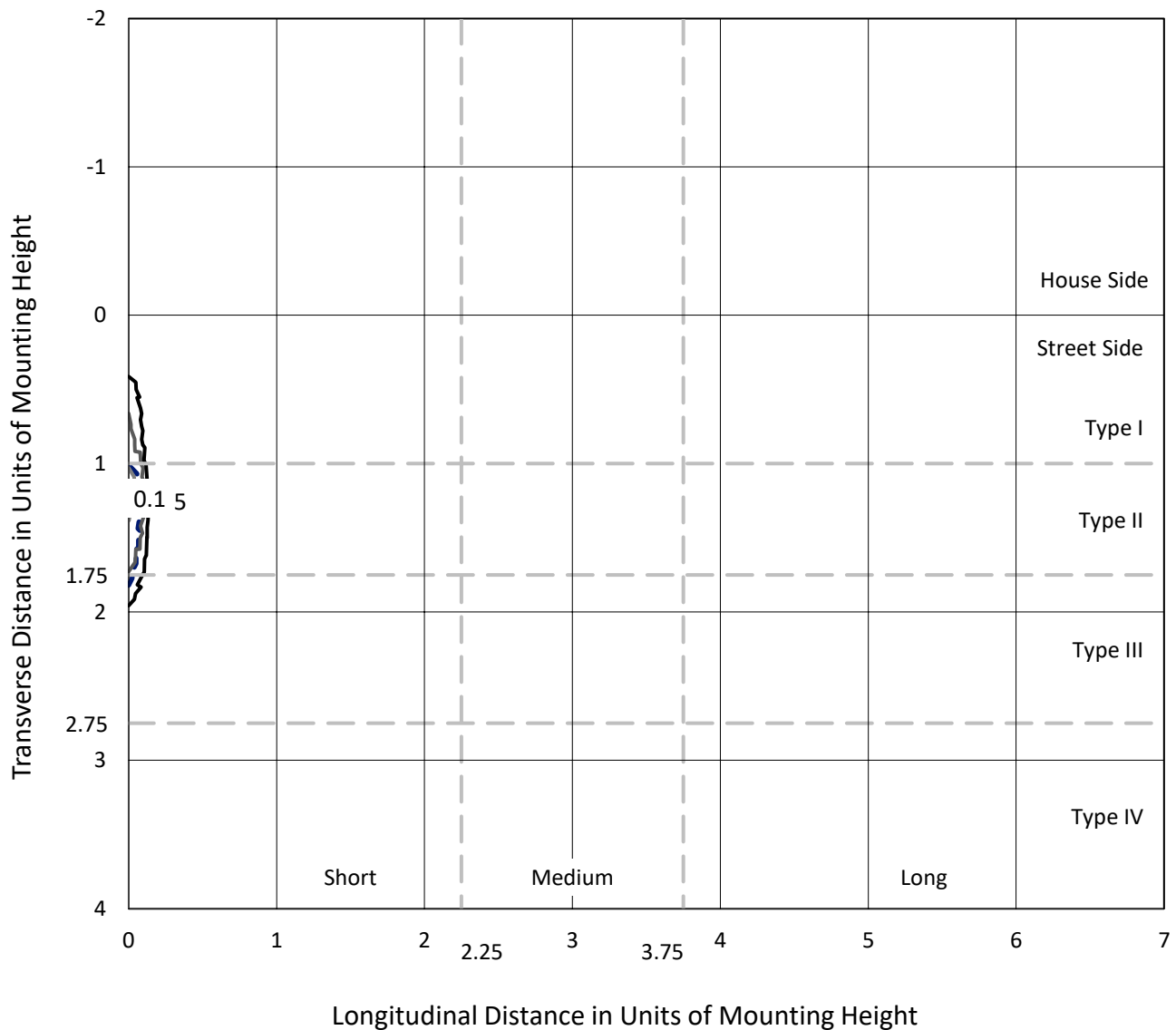
Input Watts (W): 55.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P1049321

CATALOG NUMBER: GALN-SA2A-930-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

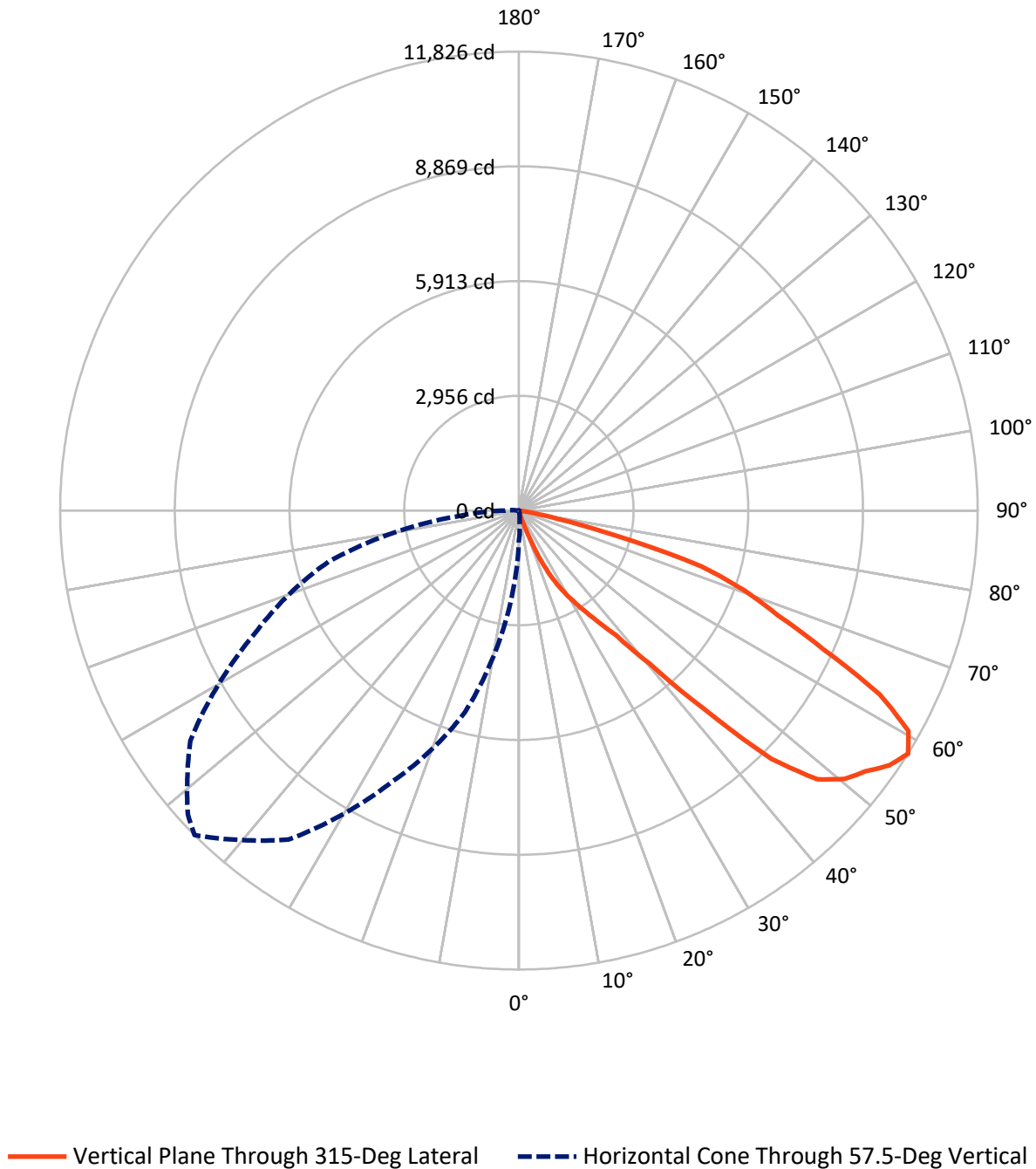
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 0.7 fc
 Type III - Short - N/A

REPORT NUMBER: P1049321
CATALOG NUMBER: GALN-SA2A-930-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1049321

CATALOG NUMBER: GALN-SA2A-930-U-RBC

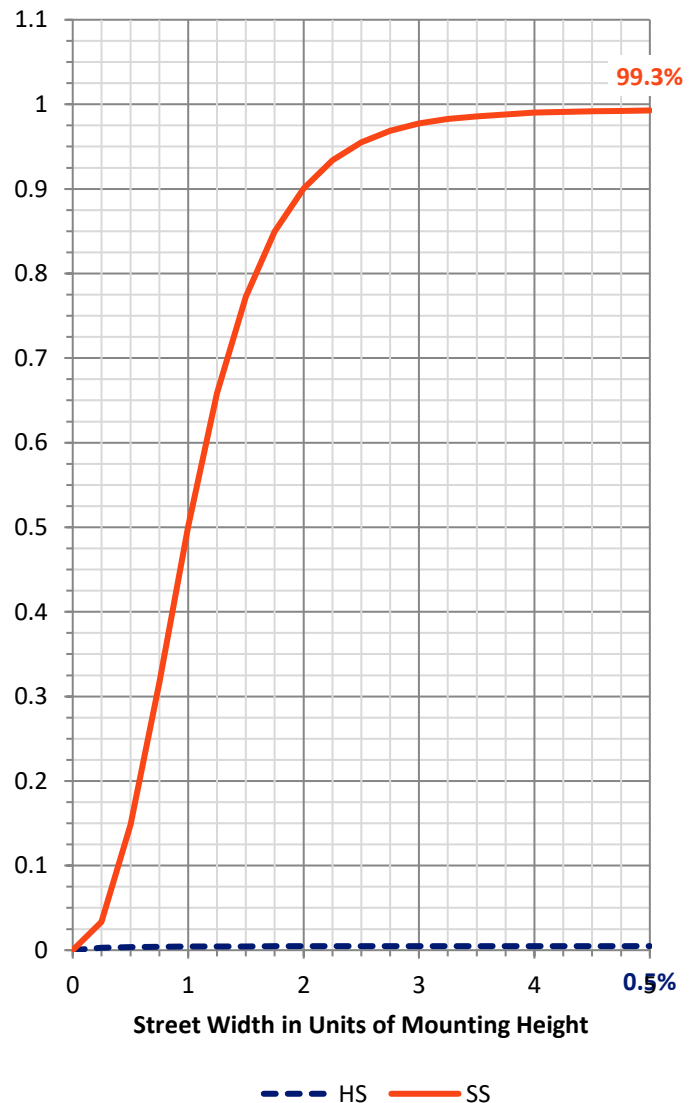
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	23.1	0.0	23.1
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	4588.5	0.0	4588.5
	% Fixture	99.5	0.0	99.5
Total	Lumens	4611.6	0.0	4611.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.8	0.0
10°-20°	10.1	0.2
20°-30°	109.3	2.4
30°-40°	323.2	7.0
40°-50°	963.2	20.9
50°-60°	1527.3	33.1
60°-70°	1274.9	27.6
70°-80°	393.1	8.5
80°-90°	8.7	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	4611.6	100.0
0°-180°	4611.6	100.0



REPORT NUMBER: P1049321

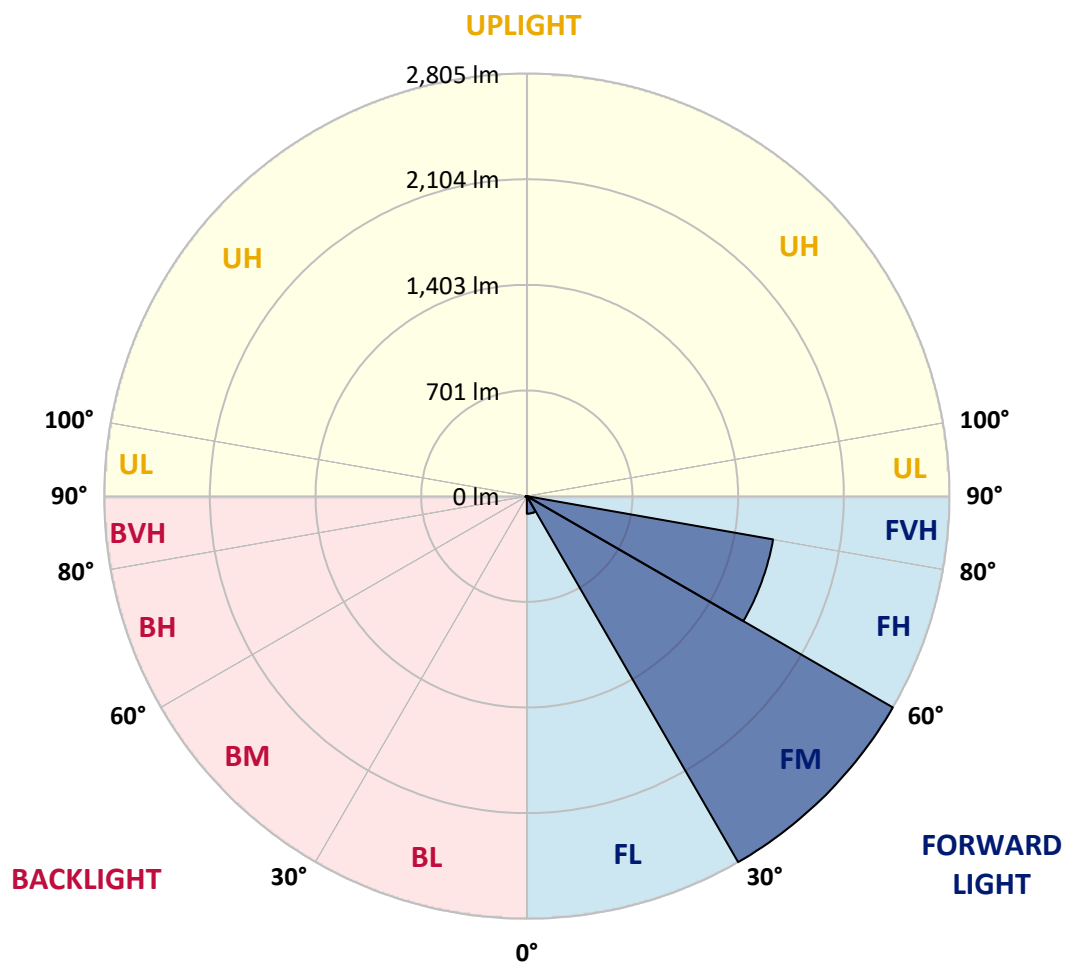
CATALOG NUMBER: GALN-SA2A-930-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	117.0	2.5			
FM	(30°-60°)	2805.4	60.8			
FH	(60°-80°)	1659.4	36.0			G1/1800
FVH	(80°-90°)	6.8	0.1			G0/10
BL	(0°-30°)	4.2	0.1	B0/110		
BM	(30°-60°)	8.3	0.2	B0/220		
BH	(60°-80°)	8.6	0.2	B0/110		G0/110
BVH	(80°-90°)	2.0	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-G1

Type III Short



REPORT NUMBER: P1049321

CATALOG NUMBER: GALN-SA2A-930-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
2.5°	18.5	18.5	18.5	18.5	18.1	18.1	17.8	17.8	17.4	17.4
5°	19.5	19.5	19.2	18.8	18.8	18.5	18.1	17.8	17.8	17.4
7.5°	21.3	20.9	20.6	20.2	19.5	19.2	18.5	18.1	17.8	17.1
10°	23.3	22.7	22.0	21.3	20.6	19.9	19.2	18.8	18.1	17.8
12.5°	26.1	25.1	23.7	22.7	22.0	20.9	20.2	19.5	18.5	17.8
15°	28.6	27.2	25.4	24.0	23.0	21.6	20.6	19.5	18.8	17.8
17.5°	32.1	29.6	26.8	25.1	23.7	22.0	20.2	19.2	18.1	16.7
20°	38.0	33.1	27.9	25.8	23.7	21.6	19.5	18.1	17.1	15.7
22.5°	47.4	39.0	30.7	27.5	24.7	21.6	18.8	17.4	16.0	14.6
25°	65.5	50.5	35.5	31.4	27.2	23.0	18.8	17.1	15.7	13.9
27.5°	87.1	64.8	42.2	36.2	30.7	24.7	18.8	16.7	15.0	12.9
30°	109.1	79.5	49.5	41.8	34.2	26.5	18.8	16.4	14.3	11.8
32.5°	130.0	93.0	55.8	46.7	37.6	28.2	19.2	16.4	13.6	10.8
35°	151.2	104.2	56.8	47.4	38.0	28.2	18.8	15.7	12.9	9.8
37.5°	178.4	116.7	54.7	45.3	36.2	26.8	17.8	15.0	12.2	9.1
40°	219.6	137.7	55.8	46.0	36.2	26.5	16.7	13.9	11.5	8.7
42.5°	295.5	178.1	60.3	49.1	38.0	26.5	15.3	12.9	10.8	8.4
45°	510.9	295.9	80.9	64.1	47.4	30.7	13.9	11.8	10.1	8.0
47.5°	845.1	495.2	145.3	112.2	79.5	46.3	13.6	11.8	10.1	8.0
50°	1078.6	630.8	183.0	140.8	98.6	56.5	14.3	12.2	10.5	8.4
52.5°	1076.9	640.5	203.9	156.5	109.4	62.0	15.0	12.9	11.2	9.1
55°	957.3	582.7	207.7	159.6	111.9	63.8	16.0	13.9	11.8	9.8
57.5°	800.1	494.9	189.6	146.7	104.2	61.3	18.5	16.0	13.9	11.5
60°	632.9	390.3	147.8	116.7	86.1	55.1	24.4	21.3	18.5	15.3
62.5°	437.0	283.0	128.9	103.5	78.4	53.0	27.9	24.7	22.0	18.8
65°	309.1	212.9	116.4	94.8	73.5	51.9	30.3	26.8	23.7	20.2
67.5°	231.1	169.4	107.3	88.9	70.4	51.9	33.5	29.3	25.4	21.3
70°	177.0	139.0	100.7	85.7	71.1	56.1	41.1	35.2	29.6	23.7
72.5°	144.3	118.8	93.0	82.2	71.4	60.6	49.8	42.2	34.5	26.5
75°	119.5	101.8	84.0	74.9	66.2	57.2	48.1	41.1	34.5	27.5
77.5°	79.5	72.5	65.2	59.9	54.7	49.1	43.9	38.0	32.4	26.5
80°	27.9	26.8	25.8	27.9	30.0	32.1	34.2	30.0	26.1	22.0
82.5°	4.2	3.8	3.5	3.8	4.2	4.5	4.9	5.2	5.6	5.9
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: P1049321

CATALOG NUMBER: GALN-SA2A-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049321

CATALOG NUMBER: GALN-SA2A-930-U-RBC

CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
0.0	2.5°	17.1	17.1	16.7	16.7	16.7	16.4	16.4	16.0	16.0	16.0
0.0	5°	16.7	16.7	16.4	16.0	15.7	15.7	15.3	15.0	15.0	14.6
0.0	7.5°	16.4	16.0	15.7	15.3	15.0	14.6	14.3	13.9	13.9	13.6
0.0	10°	16.7	16.0	15.7	15.0	14.6	14.3	13.6	13.2	12.9	12.9
0.0	12.5°	16.0	15.7	15.0	14.3	13.9	13.2	12.9	12.2	11.8	11.8
0.0	15°	16.0	15.3	14.3	13.6	12.9	12.5	11.8	11.2	10.8	10.5
0.0	17.5°	15.0	14.3	13.2	12.5	11.8	11.2	10.5	9.8	9.4	9.1
0.0	20°	13.6	12.9	11.8	10.8	10.1	9.4	8.7	8.0	7.7	7.3
0.0	22.5°	12.2	11.5	10.5	9.4	8.7	8.0	7.0	6.3	5.9	5.2
0.0	25°	11.5	10.5	9.4	8.4	7.3	6.6	5.6	4.5	3.8	3.1
0.0	27.5°	9.8	8.7	7.7	6.6	5.6	4.5	3.5	2.4	1.7	1.4
0.0	30°	8.4	7.3	6.3	5.2	3.8	2.8	1.7	0.3	0.3	0.3
0.0	32.5°	7.0	5.9	4.5	3.5	2.8	1.7	1.0	0.0	0.0	0.0
0.0	35°	5.6	4.5	3.1	2.1	1.7	1.0	0.7	0.0	0.0	0.0
0.0	37.5°	4.9	3.8	2.4	1.0	0.7	0.7	0.3	0.0	0.0	0.0
0.0	40°	4.5	3.1	1.7	0.3	0.3	0.3	0.0	0.0	0.0	0.0
0.0	42.5°	4.5	3.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	4.5	3.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	4.5	3.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	4.9	3.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	5.6	4.2	2.8	1.4	1.0	0.7	0.3	0.0	0.0	0.0
0.0	55°	7.0	6.3	5.2	4.5	3.5	2.4	1.0	0.0	0.0	0.0
0.0	57.5°	9.1	9.1	8.7	8.4	6.3	4.2	2.1	0.0	0.0	0.0
0.0	60°	12.2	12.2	12.2	12.2	9.1	6.3	3.1	0.0	0.0	0.0
0.0	62.5°	15.0	14.3	13.2	12.5	9.4	6.3	3.1	0.0	0.0	0.0
0.0	65°	15.0	13.6	11.8	10.1	7.7	5.2	2.4	0.0	0.0	0.0
0.0	67.5°	13.9	11.2	8.0	5.2	3.8	2.8	1.4	0.0	0.0	0.0
	70°	13.9	9.8	5.6	1.4	1.0	0.7	0.3	0.0	0.0	0.0
	72.5°	13.9	9.4	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	15.3	10.5	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	15.3	10.5	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	13.6	9.1	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	4.5	3.1	1.4	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: P1049321

CATALOG NUMBER: GALN-SA2A-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049321

CATALOG NUMBER: GALN-SA2A-930-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°	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
0.0	2.5°	15.7	15.7	15.7	15.3	15.3	15.3	15.3	15.0	15.0	15.0
0.0	5°	14.3	14.3	13.9	13.9	13.6	13.6	13.2	13.2	12.9	12.9
0.0	7.5°	13.2	12.9	12.9	12.5	12.2	12.2	11.8	11.8	11.5	11.2
0.0	10°	12.2	11.8	11.8	11.5	11.2	10.8	10.8	10.5	10.1	9.8
0.0	12.5°	11.2	10.8	10.5	10.1	9.8	9.4	9.4	9.1	8.7	8.4
0.0	15°	9.8	9.4	9.1	8.7	8.4	8.0	8.0	7.7	7.3	7.0
0.0	17.5°	8.4	8.0	8.0	7.7	7.3	7.0	6.6	5.9	5.6	5.2
0.0	20°	6.3	5.9	5.6	5.2	4.9	4.2	3.8	3.1	2.4	2.1
0.0	22.5°	4.2	3.5	3.1	2.4	1.7	1.4	1.0	0.3	0.0	0.0
0.0	25°	1.4	1.0	0.7	0.3	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-SA2A-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049321

CATALOG NUMBER: GALN-SA2A-930-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
0.0	2.5°	14.6	14.6	14.6	14.3	14.3	14.3	14.3	14.3	14.3	14.3
0.0	5°	12.5	12.5	12.5	12.2	12.2	11.8	11.8	11.8	11.5	11.5
0.0	7.5°	10.8	10.5	10.5	10.1	10.1	9.8	9.8	9.8	9.4	9.4
0.0	10°	9.1	8.7	8.7	8.4	8.4	8.0	8.0	7.7	7.7	7.3
0.0	12.5°	8.0	7.7	7.3	7.0	7.0	6.6	6.3	6.3	5.9	5.6
0.0	15°	6.3	5.9	5.6	5.2	4.9	4.5	4.2	4.2	3.8	3.5
0.0	17.5°	4.2	3.5	3.1	2.8	2.8	2.4	2.1	1.7	1.4	1.0
0.0	20°	1.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049321

CATALOG NUMBER: GALN-SA2A-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049321

CATALOG NUMBER: GALN-SA2A-930-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°	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
0.0	2.5°	14.3	13.9	13.9	13.9	14.3	14.3	14.3	14.3	14.3	14.3
0.0	5°	11.5	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
0.0	7.5°	9.4	9.1	9.1	9.1	9.1	8.7	8.7	8.7	8.7	8.7
0.0	10°	7.3	7.0	7.0	7.0	7.0	6.6	6.6	6.6	6.6	6.6
0.0	12.5°	5.2	5.2	4.9	4.9	4.9	4.5	4.5	4.5	4.5	4.2
0.0	15°	3.1	2.8	2.4	2.4	2.4	2.1	2.1	2.1	2.1	1.7
0.0	17.5°	0.7	0.7	0.3	0.3	0.3	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: P1049321

CATALOG NUMBER: GALN-SA2A-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049321

CATALOG NUMBER: GALN-SA2A-930-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
0.0	2.5°	14.6	14.6	15.0	15.0	15.3	16.0	16.4	16.7	17.4	18.1
0.0	5°	11.5	11.8	11.8	12.2	12.5	12.9	13.2	13.6	14.3	15.0
0.0	7.5°	9.1	9.1	9.4	9.4	9.8	10.5	10.8	11.2	11.8	12.9
0.0	10°	7.0	7.0	7.3	7.3	7.7	8.4	8.7	9.1	9.8	10.8
0.0	12.5°	4.5	4.9	4.9	5.2	5.6	6.3	6.6	7.0	7.7	8.4
0.0	15°	2.1	2.4	2.4	2.8	3.1	3.8	4.2	4.5	5.2	6.3
0.0	17.5°	0.3	0.3	0.7	0.7	1.0	1.4	1.7	2.1	3.1	3.8
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.4
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
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: P1049321

CATALOG NUMBER: GALN-SA2A-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049321

CATALOG NUMBER: GALN-SA2A-930-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°	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
0.0	2.5°	19.2	19.9	20.6	21.3	22.0	22.7	23.0	23.7	24.0	24.4
0.0	5°	16.4	17.1	18.1	18.8	19.5	20.2	20.9	21.3	21.6	22.0
0.0	7.5°	14.3	15.0	16.0	16.7	17.4	18.1	18.8	19.5	19.9	20.2
0.0	10°	12.2	13.2	13.9	15.0	15.7	16.4	17.1	17.8	18.5	18.8
0.0	12.5°	9.8	10.8	11.8	12.5	13.6	14.6	15.3	16.0	16.7	17.4
0.0	15°	7.7	8.7	9.8	10.5	11.5	12.5	13.6	14.3	15.0	15.7
0.0	17.5°	5.6	6.6	7.7	8.4	9.4	10.5	11.2	12.2	12.9	13.6
0.0	20°	2.8	3.8	4.9	5.9	7.0	8.0	8.7	9.8	10.5	11.2
0.0	22.5°	0.3	1.4	2.4	3.1	4.2	5.2	5.9	7.0	7.7	8.4
0.0	25°	0.0	0.3	1.0	1.4	1.7	2.4	3.1	3.8	4.5	5.2
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.7	1.4	2.1	2.8
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
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	0.3
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.7
	85°	0.0	0.0	0.0	0.0	0.0	0.7	1.0	1.7	2.1	2.4
	87.5°	0.0	0.3	0.7	1.0	1.4	2.1	2.8	3.5	3.8	4.2
	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: P1049321

CATALOG NUMBER: GALN-SA2A-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
20.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	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											
0.3											
1.4											
3.1											
4.5											
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: P1049321

CATALOG NUMBER: GALN-SA2A-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
0.0	2.5°	24.7	24.7	24.7	24.7	24.4	24.4	24.4	24.0	24.0	23.7
0.0	5°	22.7	23.0	23.0	23.0	23.0	23.0	23.0	23.0	22.7	22.7
0.0	7.5°	20.9	21.3	21.6	21.6	22.0	22.0	22.0	21.6	21.6	21.3
0.0	10°	19.9	20.2	20.2	20.6	20.6	20.6	20.6	20.6	20.6	20.6
0.0	12.5°	18.5	18.8	19.2	19.2	19.5	19.5	19.5	19.5	19.2	19.2
0.0	15°	16.7	17.4	17.8	18.1	18.1	18.5	18.5	18.5	18.5	18.5
0.0	17.5°	15.3	16.0	16.4	16.7	16.7	17.1	17.1	17.4	17.4	17.4
0.0	20°	12.5	13.2	13.6	14.3	14.6	15.0	15.3	15.7	15.7	16.0
0.0	22.5°	9.8	10.5	10.8	11.5	11.8	12.2	12.5	12.9	13.2	13.6
0.0	25°	7.0	7.7	8.0	8.7	9.1	9.4	9.8	10.1	10.1	10.5
0.0	27.5°	3.8	4.5	5.2	5.6	6.3	6.6	7.0	7.3	7.7	8.0
0.0	30°	1.7	2.1	2.4	3.1	3.5	3.8	4.2	4.9	5.2	5.6
0.0	32.5°	0.0	0.0	0.3	1.0	1.4	1.7	2.1	2.4	2.4	2.8
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	1.0	1.4
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°	0.7	0.7	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	82.5°	1.7	2.1	2.4	2.4	2.8	2.8	2.8	2.8	2.4	2.4
	85°	3.5	3.8	4.2	4.2	4.5	4.5	4.5	4.5	4.5	4.5
	87.5°	4.9	5.2	5.6	5.6	5.9	5.9	5.9	5.9	5.9	5.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049321

CATALOG NUMBER: GALN-SA2A-930-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
20.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.0											
2.4											
4.5											
5.9											
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: P1049321

CATALOG NUMBER: GALN-SA2A-930-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°	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
0.0	2.5°	23.3	23.3	23.0	23.0	23.0	23.0	23.0	23.3	23.7	23.7
0.0	5°	22.3	22.3	22.0	22.0	22.0	22.3	22.3	22.7	23.0	23.3
0.0	7.5°	21.3	20.9	20.9	21.3	21.3	21.6	21.6	22.0	22.3	22.7
0.0	10°	20.6	20.2	20.2	20.2	20.6	20.6	20.9	21.3	21.6	22.0
0.0	12.5°	19.2	19.2	19.2	19.2	19.5	19.5	19.9	20.2	20.9	21.3
0.0	15°	18.5	18.1	18.1	18.1	18.1	18.5	18.5	19.2	19.9	20.2
0.0	17.5°	17.1	17.1	16.7	16.7	17.1	17.1	17.4	18.1	18.8	19.2
0.0	20°	15.7	15.3	15.0	15.0	15.3	15.3	15.7	16.4	17.1	17.4
0.0	22.5°	13.6	13.2	13.2	13.2	13.2	13.6	13.6	14.3	15.3	16.0
0.0	25°	10.8	11.2	11.2	11.5	11.5	11.8	12.2	12.9	13.9	14.6
0.0	27.5°	8.4	8.7	8.7	9.4	9.8	10.1	10.5	11.5	12.5	13.2
0.0	30°	6.3	6.6	7.0	7.3	8.0	8.7	9.4	10.5	11.5	12.2
0.0	32.5°	3.8	4.5	4.9	5.6	6.3	7.0	7.7	8.7	10.1	11.2
0.0	35°	2.8	3.1	3.8	4.2	4.9	5.6	6.3	7.7	8.7	10.1
0.0	37.5°	1.4	2.1	2.8	3.5	4.2	4.9	5.6	7.0	8.4	9.4
0.0	40°	1.0	1.7	2.1	2.8	3.8	4.5	5.2	6.6	8.0	9.4
0.0	42.5°	0.7	1.0	1.4	2.4	3.1	4.2	5.2	6.6	8.0	9.4
0.0	45°	0.7	0.7	1.0	2.1	3.1	4.5	5.6	7.0	8.0	9.4
0.0	47.5°	0.7	1.0	1.4	2.8	3.5	4.5	5.6	6.6	8.0	9.1
0.0	50°	1.0	1.4	1.7	3.1	3.8	4.9	5.6	7.0	8.0	9.4
0.0	52.5°	0.7	1.0	1.4	2.8	3.8	5.2	6.3	7.7	9.1	10.1
0.0	55°	0.3	0.3	0.3	2.1	4.2	5.9	8.0	9.1	10.5	11.5
0.0	57.5°	0.0	0.0	0.0	1.4	4.2	6.6	9.1	10.5	11.8	12.9
0.0	60°	0.0	0.0	0.0	1.4	4.2	6.6	9.1	10.8	12.5	14.3
0.0	62.5°	0.0	0.0	0.0	1.4	3.5	5.6	7.7	10.5	13.6	16.4
0.0	65°	0.0	0.0	0.0	1.0	2.8	4.5	6.3	10.5	14.6	18.5
0.0	67.5°	0.0	0.0	0.0	1.0	2.8	4.2	5.9	10.5	14.6	19.2
	70°	0.0	0.0	0.0	1.0	2.8	4.5	6.3	10.5	14.6	18.8
	72.5°	0.0	0.0	0.0	1.0	3.1	4.9	7.0	10.5	13.9	17.4
	75°	0.0	0.0	0.0	1.4	3.1	5.2	7.3	10.5	13.6	16.4
	77.5°	0.0	0.0	0.0	1.0	3.1	4.9	7.0	10.1	13.2	16.0
	80°	1.0	0.7	0.7	1.7	3.1	4.5	5.9	9.1	12.5	15.7
	82.5°	2.1	2.1	1.7	2.4	3.1	4.2	5.2	8.0	11.2	13.9
	85°	4.2	4.2	3.8	4.2	4.2	4.5	4.9	6.3	7.7	9.1
	87.5°	5.6	5.6	5.2	5.2	5.2	4.9	4.9	4.9	4.9	4.5
	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: P1049321

CATALOG NUMBER: GALN-SA2A-930-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
20.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.0											
20.9											
19.5											
19.2											
18.8											
16.7											
10.5											
4.5											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049321

CATALOG NUMBER: GALN-SA2A-930-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
0.0	2.5°	24.4	24.7	24.7	25.1	25.4	25.8	25.8	26.1	26.1	26.1
0.0	5°	24.0	24.7	25.1	25.4	25.8	26.1	26.5	26.8	27.2	27.2
0.0	7.5°	23.7	24.0	24.7	25.1	25.8	26.1	26.8	27.2	27.5	27.9
0.0	10°	23.0	23.7	24.4	25.1	25.8	26.5	27.2	27.9	28.6	28.9
0.0	12.5°	22.3	23.3	24.0	24.7	25.8	26.8	27.5	28.6	29.3	30.0
0.0	15°	22.0	22.7	23.7	24.4	25.8	27.2	28.2	29.6	31.0	32.1
0.0	17.5°	20.9	22.3	23.3	24.4	25.8	27.5	28.9	30.3	32.4	34.5
0.0	20°	19.5	20.6	22.0	23.0	25.1	26.8	28.9	30.7	33.8	36.9
0.0	22.5°	18.1	19.5	20.6	22.0	24.4	26.5	28.9	31.0	36.2	41.1
0.0	25°	16.7	18.5	19.9	21.3	24.0	26.8	29.6	32.4	41.1	49.8
0.0	27.5°	16.0	17.4	19.2	20.6	24.0	27.9	31.4	34.8	48.8	62.4
0.0	30°	15.0	16.7	18.1	19.9	24.4	28.9	33.5	38.0	59.2	80.5
0.0	32.5°	13.9	15.7	17.4	19.2	25.1	31.0	36.6	42.5	70.4	97.9
0.0	35°	12.9	15.0	16.7	18.5	26.1	34.2	41.8	49.5	80.5	111.2
0.0	37.5°	12.5	14.6	16.4	18.1	26.5	34.5	42.9	50.9	81.5	112.2
0.0	40°	12.9	14.6	16.7	18.5	25.4	32.4	39.0	46.0	78.1	109.8
0.0	42.5°	12.9	15.0	17.1	19.2	24.7	30.3	35.9	41.5	77.0	112.6
0.0	45°	12.5	14.6	16.7	18.8	24.0	28.9	34.2	39.0	83.3	127.2
0.0	47.5°	12.2	14.3	16.4	18.5	23.7	28.9	34.2	39.4	107.7	175.6
0.0	50°	12.2	14.3	16.0	17.8	24.0	30.7	36.9	43.2	156.8	270.1
0.0	52.5°	12.9	14.6	16.0	17.4	24.7	32.4	39.7	47.0	199.3	351.3
0.0	55°	13.9	15.0	16.4	17.4	26.5	35.2	44.3	53.0	212.2	371.5
0.0	57.5°	15.3	16.4	17.4	18.5	29.6	40.8	51.6	62.7	213.3	363.5
0.0	60°	17.1	18.5	19.5	20.6	32.4	44.6	56.5	68.3	193.1	317.5
0.0	62.5°	20.9	22.7	24.0	25.8	37.3	48.4	59.9	71.1	160.3	249.5
0.0	65°	24.0	25.4	26.8	28.2	39.4	50.9	62.0	73.2	135.9	198.6
0.0	67.5°	24.7	26.1	27.2	28.6	40.1	51.6	62.7	74.2	116.4	158.2
	70°	25.1	26.8	28.9	30.7	42.5	54.4	65.9	77.7	103.2	128.6
	72.5°	24.0	27.5	30.7	33.8	45.0	55.8	66.9	77.7	95.8	114.0
	75°	24.0	28.9	33.5	38.0	46.3	54.4	62.7	70.7	84.7	98.6
	77.5°	25.4	31.7	38.0	44.3	49.1	53.7	58.5	63.1	72.1	81.2
	80°	25.4	32.1	38.3	45.0	47.0	49.5	51.6	53.7	54.7	55.8
	82.5°	22.0	27.2	32.4	37.6	35.2	32.8	30.3	27.9	26.1	24.0
	85°	11.2	12.2	12.9	13.6	12.5	11.5	10.5	9.4	8.7	7.7
	87.5°	4.5	4.5	4.2	4.2	4.2	4.2	3.8	3.8	3.8	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

REPORT NUMBER: P1049321

CATALOG NUMBER: GALN-SA2A-930-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
20.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
198.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
216.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
233.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
268.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
338.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
515.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
790.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
994.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1017.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
917.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
784.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
613.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
463.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
342.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
242.2											
180.2											
131.0											
98.6											
55.4											
25.1											
7.3											
3.5											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049321

CATALOG NUMBER: GALN-SA2A-930-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°	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
0.0	2.5°	26.1	25.8	25.8	25.4	25.1	24.7	24.4	24.0	23.7	23.3
0.0	5°	27.2	27.2	27.2	26.8	26.8	26.5	26.5	26.1	25.8	25.4
0.0	7.5°	28.2	28.6	28.6	28.9	28.9	28.9	28.9	28.6	28.6	28.6
0.0	10°	30.0	30.3	30.7	31.0	31.4	31.7	31.7	32.1	32.1	32.1
0.0	12.5°	32.1	33.1	33.8	34.8	35.5	36.6	37.3	38.3	39.0	39.7
0.0	15°	35.2	36.9	39.0	40.8	42.5	45.0	47.7	50.2	52.6	56.5
0.0	17.5°	39.7	45.3	50.9	56.1	61.7	73.9	86.1	97.9	110.1	127.9
0.0	20°	48.4	65.2	81.5	98.3	114.7	157.5	200.0	242.9	285.4	331.1
0.0	22.5°	68.0	109.1	150.2	191.3	232.4	322.0	411.2	500.8	590.0	694.9
0.0	25°	98.6	174.2	249.9	325.1	400.8	540.9	681.3	821.4	961.5	1097.8
0.0	27.5°	143.6	259.3	375.0	490.3	606.0	796.0	986.2	1176.2	1366.1	1520.1
0.0	30°	199.0	355.8	512.6	669.5	826.3	1042.4	1258.4	1474.1	1690.2	1858.5
0.0	32.5°	251.3	443.3	635.3	827.0	1019.0	1265.0	1511.4	1757.5	2003.5	2187.5
0.0	35°	285.4	517.5	750.0	982.1	1214.2	1480.4	1746.7	2012.6	2278.8	2489.0
0.0	37.5°	319.6	587.6	855.2	1123.2	1390.8	1683.2	1975.6	2268.0	2560.4	2820.0
0.0	40°	357.9	672.2	986.2	1300.6	1614.6	1961.0	2307.0	2653.4	2999.5	3365.8
0.0	42.5°	424.5	812.7	1201.3	1589.5	1977.7	2436.0	2894.3	3352.2	3810.4	4333.2
0.0	45°	549.6	1096.7	1644.2	2191.3	2738.5	3345.6	3953.0	4560.1	5167.1	5862.7
0.0	47.5°	855.9	1608.7	2361.1	3113.8	3866.2	4521.7	5176.9	5832.4	6487.6	7180.4
0.0	50°	1309.6	2185.8	3061.9	3937.7	4813.8	5406.9	5999.7	6592.8	7185.6	7844.6
0.0	52.5°	1637.9	2550.6	3463.7	4376.4	5289.1	5824.4	6360.0	6895.3	7430.6	8046.4
0.0	55°	1662.7	2570.2	3478.0	4385.5	5292.9	5830.7	6368.4	6906.1	7443.9	8096.6
0.0	57.5°	1472.0	2372.2	3272.0	4172.2	5072.0	5684.3	6296.3	6908.6	7520.5	8226.2
0.0	60°	1252.1	2152.7	3052.8	3953.3	4853.5	5558.9	6264.6	6969.9	7675.3	8336.4
0.0	62.5°	976.8	1903.1	2829.8	3756.1	4682.4	5398.5	6114.7	6830.5	7546.7	8042.6
0.0	65°	728.0	1627.5	2526.9	3426.1	4325.5	4899.1	5472.8	6046.0	6619.7	6926.7
0.0	67.5°	526.2	1302.0	2077.4	2853.1	3628.5	4039.1	4449.6	4859.8	5270.3	5505.2
	70°	355.8	893.2	1430.2	1967.6	2504.6	2842.0	3179.7	3517.0	3854.4	4171.5
	72.5°	246.4	548.2	850.3	1152.1	1453.9	1793.4	2132.4	2471.9	2811.0	3146.6
	75°	163.4	300.8	438.4	575.7	713.0	964.3	1215.9	1467.2	1718.4	1918.5
	77.5°	116.0	157.2	198.6	239.8	280.9	327.9	375.3	422.4	469.4	540.9
	80°	55.1	60.3	65.5	70.4	75.6	92.7	109.8	126.9	143.9	162.1
	82.5°	26.1	28.2	30.3	32.1	34.2	35.9	37.6	39.4	41.1	39.4
	85°	7.0	7.0	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.0
	87.5°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.8	2.8	2.4
	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: P1049321

CATALOG NUMBER: GALN-SA2A-930-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
20.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
377.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
799.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1234.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1674.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2027.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2371.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2699.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3080.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3732.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4855.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6558.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7873.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8503.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8662.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8749.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8931.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8997.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8538.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7234.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5740.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4488.3											
3482.2											
2118.5											
612.3											
180.2											
37.3											
6.6											
2.4											
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: P1049321

CATALOG NUMBER: GALN-SA2A-930-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
0.0	2.5°	22.7	22.3	22.0	21.6	21.3	20.6	20.6	20.2	20.2
0.0	5°	24.7	24.4	24.0	23.7	23.7	23.3	23.0	23.0	22.7
0.0	7.5°	28.2	27.9	27.5	27.2	27.2	26.8	26.8	26.5	26.5
0.0	10°	32.4	32.4	32.4	32.4	32.4	32.1	32.1	32.1	31.7
0.0	12.5°	40.8	41.1	41.8	42.5	43.6	43.6	43.6	43.2	43.2
0.0	15°	64.5	68.3	71.1	73.9	76.3	81.9	81.2	80.2	79.5
0.0	17.5°	163.1	180.5	189.9	199.0	208.4	234.2	230.0	225.8	222.0
0.0	20°	422.7	468.4	498.7	529.0	559.7	608.1	596.3	584.4	572.6
0.0	22.5°	904.3	1009.2	1054.9	1100.5	1145.9	1204.4	1166.4	1128.4	1090.8
0.0	25°	1369.9	1506.2	1583.2	1660.2	1736.9	1770.4	1720.9	1671.0	1621.5
0.0	27.5°	1828.2	1982.2	2050.2	2117.8	2185.8	2255.8	2194.5	2132.8	2071.5
0.0	30°	2195.5	2363.8	2437.4	2510.6	2584.1	2632.9	2569.5	2505.7	2442.3
0.0	32.5°	2555.9	2739.9	2820.4	2900.9	2981.0	3051.1	2973.0	2894.6	2816.5
0.0	35°	2908.9	3119.0	3229.9	3340.7	3451.5	3516.7	3424.0	3330.9	3238.2
0.0	37.5°	3339.6	3599.3	3723.3	3847.4	3971.5	4090.3	3988.2	3885.7	3783.6
0.0	40°	4098.3	4464.6	4654.9	4845.5	5035.8	5189.1	5060.2	4931.2	4802.3
0.0	42.5°	5378.7	5901.4	6175.0	6448.2	6721.8	6961.2	6825.6	6690.1	6554.5
0.0	45°	7253.9	7949.5	8283.0	8616.2	8949.7	9124.7	8929.5	8734.0	8538.8
0.0	47.5°	8565.7	9258.5	9555.4	9852.3	10149.2	10348.9	10110.2	9871.5	9633.1
0.0	50°	9162.3	9821.3	10119.3	10416.9	10714.8	10873.4	10597.7	10321.7	10046.1
0.0	52.5°	9277.6	9893.4	10248.9	10604.7	10960.2	11172.1	10846.6	10520.7	10195.2
0.0	55°	9402.4	10055.1	10467.4	10880.0	11292.3	11585.7	11217.7	10849.4	10481.4
0.0	57.5°	9637.3	10343.0	10754.2	11165.1	11576.3	11825.5	11456.4	11087.0	10718.0
0.0	60°	9658.2	10319.0	10672.3	11026.0	11379.4	11536.2	11183.2	10829.8	10476.8
0.0	62.5°	9034.7	9530.7	9776.0	10021.3	10266.7	10437.1	10068.7	9700.0	9331.7
0.0	65°	7541.1	7848.1	8043.6	8239.1	8434.6	8637.8	8300.5	7963.1	7625.8
0.0	67.5°	5975.3	6210.2	6467.7	6725.3	6982.8	7199.9	6929.8	6659.4	6389.3
	70°	4805.4	5122.2	5411.8	5701.4	5991.0	6168.7	5897.6	5626.1	5355.0
	72.5°	3817.8	4153.4	4395.2	4636.7	4878.6	4922.2	4722.8	4523.5	4324.5
	75°	2318.2	2518.2	2523.1	2527.6	2532.5	2574.0	2408.8	2243.6	2078.8
	77.5°	683.7	755.2	814.1	872.6	931.5	1002.6	942.0	881.0	820.4
	80°	197.9	216.1	231.4	246.4	261.7	252.7	238.4	224.1	209.8
	82.5°	35.5	33.5	33.1	32.8	32.8	31.0	28.2	25.4	22.7
	85°	6.3	5.9	5.6	5.2	4.9	4.5	3.8	3.5	2.8
	87.5°	2.1	1.7	1.4	1.0	1.0	0.3	0.3	0.3	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: P1049321

CATALOG NUMBER: GALN-SA2A-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049321

CATALOG NUMBER: GALN-SA2A-930-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°	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
0.0	0.0	2.5°	19.9	19.5	19.5	19.5	19.5	19.2	19.2	19.2	19.2
0.0	0.0	5°	22.0	22.0	21.6	21.6	21.3	21.3	20.9	20.9	20.6
0.0	0.0	7.5°	25.8	25.4	25.1	24.7	24.4	23.7	23.3	23.0	23.0
0.0	0.0	10°	31.0	30.3	30.0	29.3	28.9	28.2	27.5	26.8	26.1
0.0	0.0	12.5°	40.8	39.4	38.3	36.9	35.5	34.5	33.1	32.1	30.7
0.0	0.0	15°	70.7	67.3	63.4	58.9	54.0	49.5	44.6	41.8	38.7
0.0	0.0	17.5°	180.9	162.7	144.3	129.3	114.3	99.7	84.7	73.9	63.1
0.0	0.0	20°	460.4	410.2	360.0	310.5	260.7	211.2	161.4	136.3	111.2
0.0	0.0	22.5°	866.4	773.3	679.9	589.7	499.0	408.8	318.5	261.7	205.3
0.0	0.0	25°	1337.2	1220.1	1103.0	954.5	805.7	657.3	508.8	416.5	324.1
0.0	0.0	27.5°	1740.0	1605.2	1470.3	1289.8	1109.3	928.7	748.2	610.6	473.3
0.0	0.0	30°	2088.9	1943.9	1798.9	1588.8	1378.6	1168.5	958.4	786.2	614.0
0.0	0.0	32.5°	2391.4	2217.8	2044.3	1827.5	1610.7	1394.0	1177.2	966.0	754.8
0.0	0.0	35°	2740.2	2537.7	2334.9	2094.5	1853.6	1613.2	1372.7	1134.4	895.6
0.0	0.0	37.5°	3183.5	2935.0	2686.2	2418.2	2150.2	1882.6	1614.6	1342.1	1069.5
0.0	0.0	40°	4032.1	3711.5	3390.9	3050.4	2709.6	2369.1	2028.6	1694.0	1359.5
0.0	0.0	42.5°	5552.6	5119.4	4686.2	4233.2	3779.8	3326.7	2873.3	2401.5	1929.3
0.0	0.0	45°	7268.6	6731.2	6193.5	5685.0	5176.2	4667.7	4159.3	3511.8	2864.3
0.0	0.0	47.5°	8233.6	7653.3	7073.1	6591.8	6110.5	5629.2	5148.0	4449.9	3751.9
0.0	0.0	50°	8588.7	7998.0	7407.3	6964.3	6521.0	6078.1	5634.8	4935.7	4236.3
0.0	0.0	52.5°	8664.3	8061.7	7459.2	7013.5	6567.7	6122.4	5676.6	4982.1	4287.5
0.0	0.0	55°	8819.7	8173.3	7526.5	7018.4	6510.2	6002.1	5494.0	4788.3	4082.6
0.0	0.0	57.5°	9022.9	8360.1	7697.2	7118.4	6539.5	5961.0	5382.2	4610.6	3839.0
0.0	0.0	60°	8969.6	8392.8	7815.7	7195.7	6575.4	5955.4	5335.1	4486.5	3637.6
0.0	0.0	62.5°	8044.0	7584.7	7125.0	6615.1	6104.9	5595.1	5085.2	4211.6	3337.9
0.0	0.0	65°	6617.6	6282.3	5947.1	5536.9	5126.4	4716.2	4306.0	3522.6	2739.5
0.0	0.0	67.5°	5363.3	4985.6	4607.5	4280.6	3953.3	3626.4	3299.2	2682.7	2066.2
		70°	4261.1	3850.2	3439.0	3119.7	2800.2	2480.9	2161.7	1751.9	1342.4
		72.5°	3383.9	3013.4	2643.0	2302.5	1961.7	1621.2	1280.4	1038.2	796.0
		75°	1617.4	1469.3	1321.1	1143.1	965.0	786.9	608.8	503.2	398.0
		77.5°	599.4	519.6	439.5	367.0	294.5	222.3	149.9	137.3	124.8
		80°	155.1	135.2	115.0	100.7	86.1	71.8	57.5	51.9	46.7
		82.5°	17.8	16.4	15.3	14.6	13.6	12.9	11.8	10.8	9.8
		85°	1.0	0.7	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: P1049321

CATALOG NUMBER: GALN-SA2A-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049321

CATALOG NUMBER: GALN-SA2A-930-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	20.2	20.2
0.0	0.0	2.5°	18.8	18.5
0.0	0.0	5°	19.9	19.5
0.0	0.0	7.5°	22.0	21.3
0.0	0.0	10°	24.0	23.3
0.0	0.0	12.5°	27.2	26.1
0.0	0.0	15°	30.7	28.6
0.0	0.0	17.5°	36.6	32.1
0.0	0.0	20°	49.5	38.0
0.0	0.0	22.5°	69.7	47.4
0.0	0.0	25°	102.5	65.5
0.0	0.0	27.5°	142.5	87.1
0.0	0.0	30°	189.6	109.1
0.0	0.0	32.5°	231.1	130.0
0.0	0.0	35°	285.1	151.2
0.0	0.0	37.5°	351.6	178.4
0.0	0.0	40°	454.8	219.6
0.0	0.0	42.5°	640.5	295.5
0.0	0.0	45°	1040.3	510.9
0.0	0.0	47.5°	1600.6	845.1
0.0	0.0	50°	1958.2	1078.6
0.0	0.0	52.5°	1987.5	1076.9
0.0	0.0	55°	1814.3	957.3
0.0	0.0	57.5°	1548.0	800.1
0.0	0.0	60°	1286.6	632.9
0.0	0.0	62.5°	1013.8	437.0
0.0	0.0	65°	740.9	309.1
0.0	0.0	67.5°	532.2	231.1
		70°	349.9	177.0
		72.5°	227.9	144.3
		75°	153.3	119.5
		77.5°	89.6	79.5
		80°	31.7	27.9
		82.5°	5.9	4.2
		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: P1049321

CATALOG NUMBER: GALN-SA2A-930-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: SP1-2407-184-14

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-930-U-5WQ

Data in this report applies to families of products including GSS-SB1A-930-U-5WQ

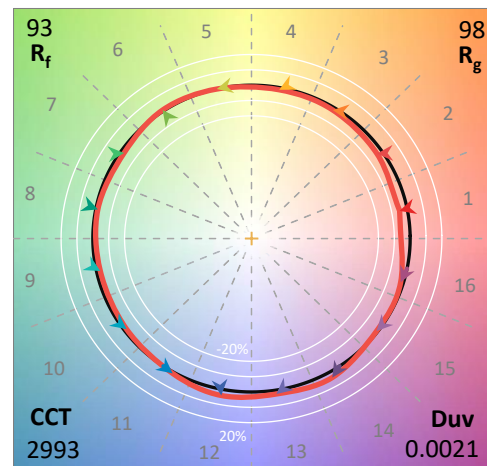
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-14
 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-930-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2993
 CIE u' : 0.2501
 CIE v' : 0.5245
 Duv: 0.0021
 CIE x: 0.4406
 CIE y: 0.4107
 CIE z: 0.1487
 Peak Wavelength (nm): 621
 Dominant Wavelength (nm): 582
 Purity: 55.53327
 R_f: 92.6
 R_g: 98.5

CRI (Ra): 92.4
 R1: 92.2
 R2: 95.2
 R3: 97.0
 R4: 93.1
 R5: 91.7
 R6: 94.2
 R7: 93.3
 R8: 82.3
 R9: 58.2
 R10: 87.7
 R11: 93.5
 R12: 81.7
 R13: 92.9
 R14: 97.6
 R15: 88.1



Test Conditions

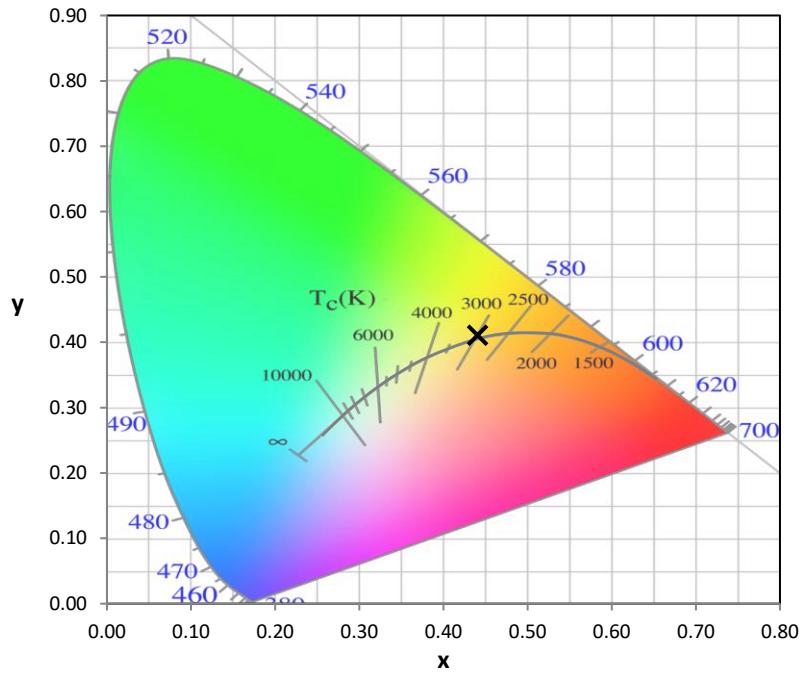
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-14

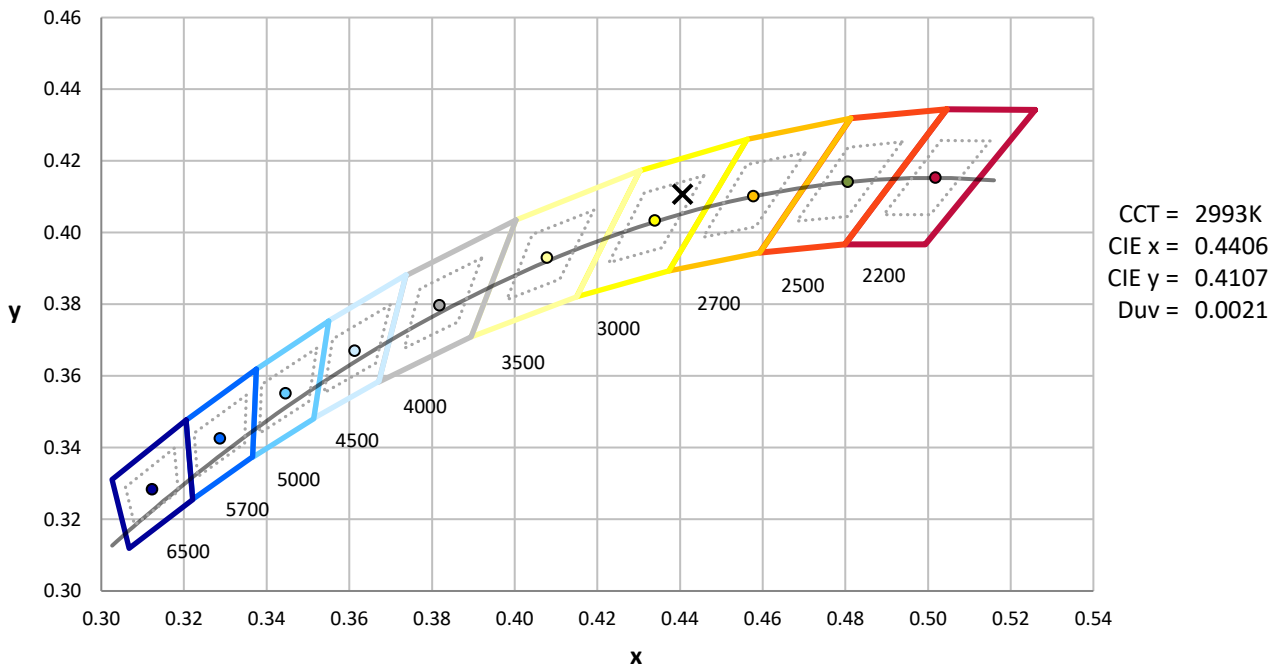
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-14

CIE 1931 Chromaticity Diagram



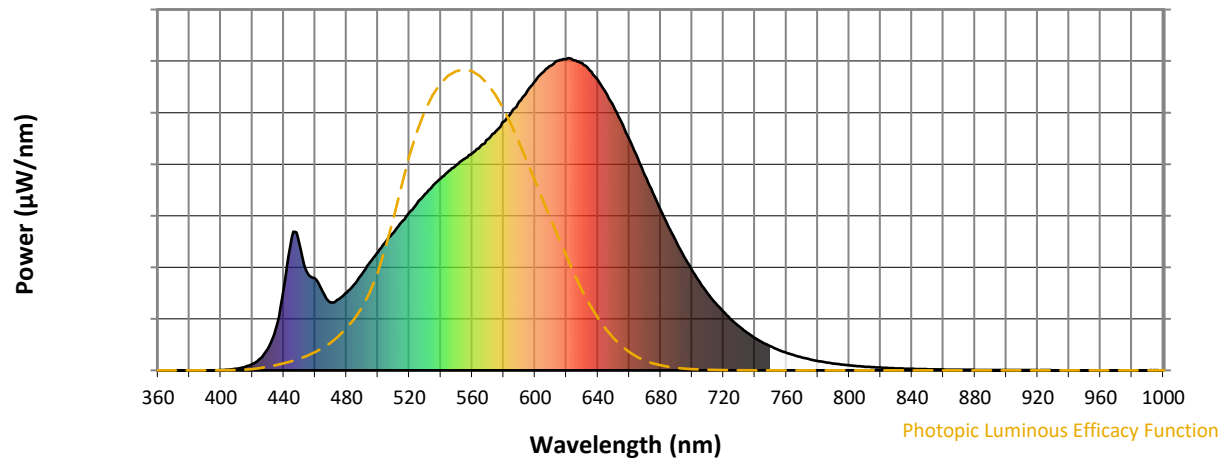
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

Photopic Flux vs. Wavelength

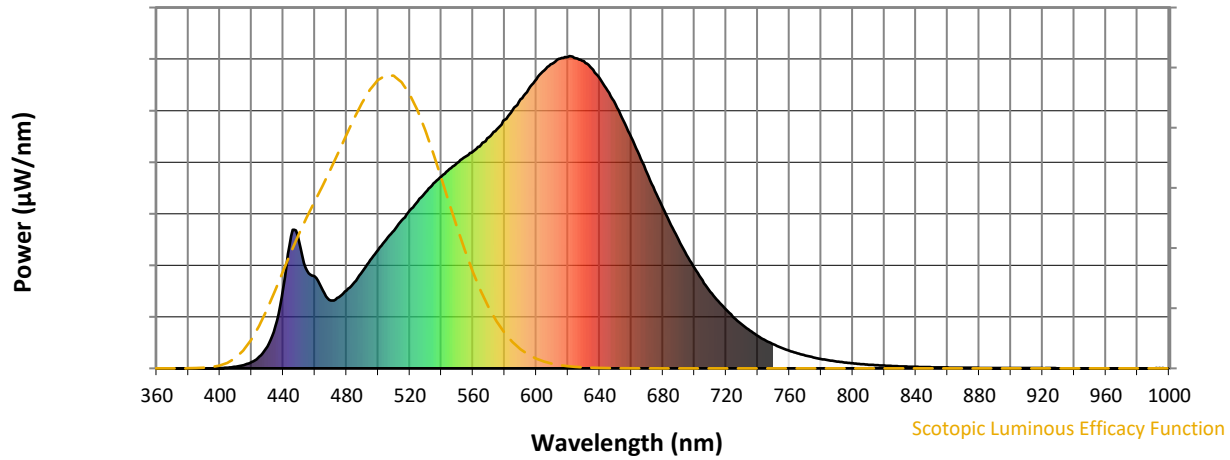


Photopic Lumens: NR

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

Scotopic Flux vs. Wavelength



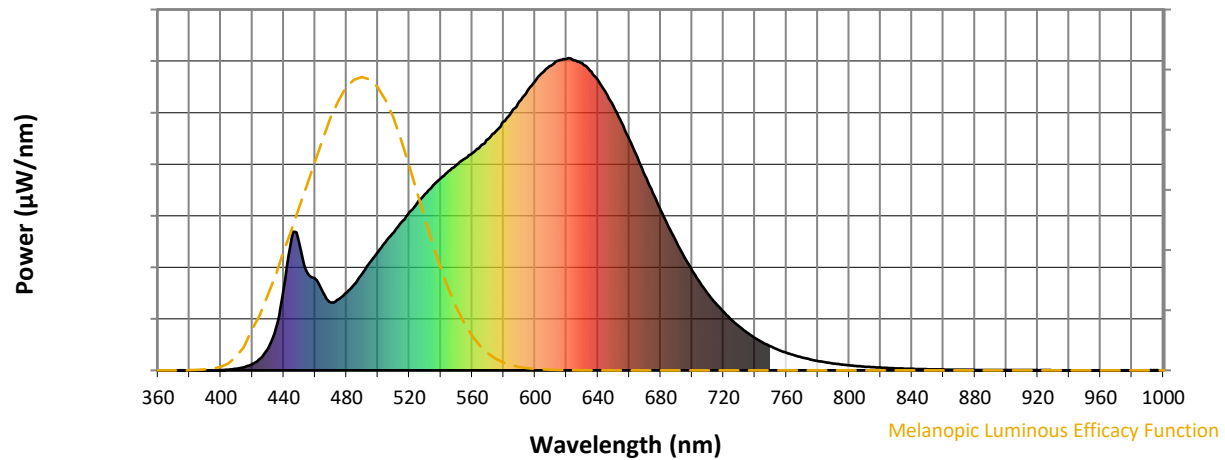
Scotopic Lumens: NR

S/P: 1.39

λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)
360	0	NR	490	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.69

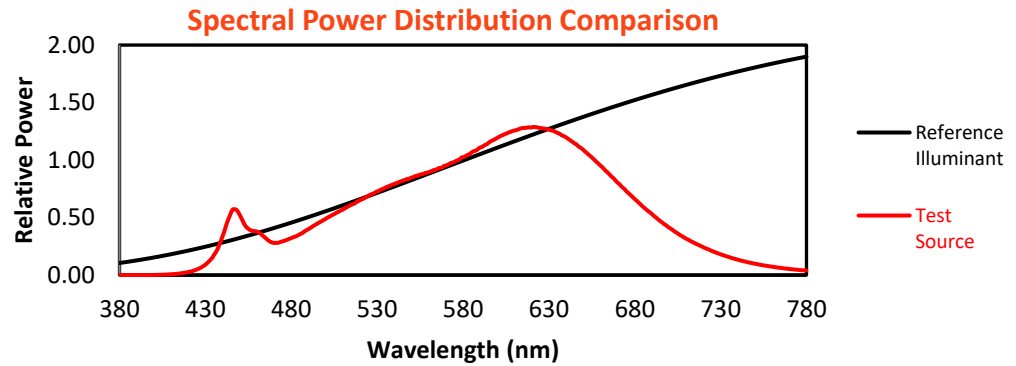
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

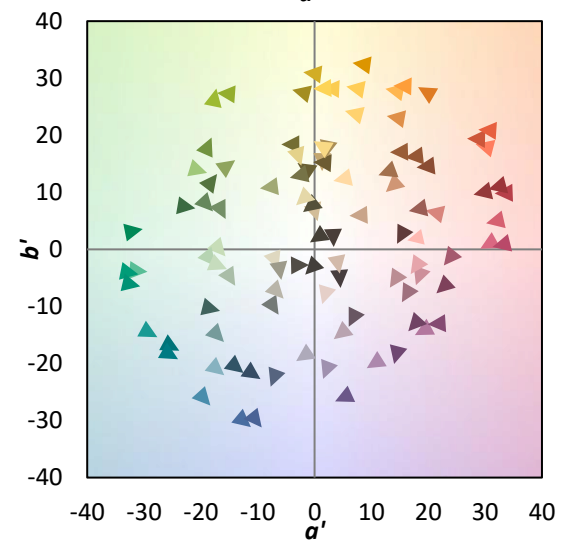
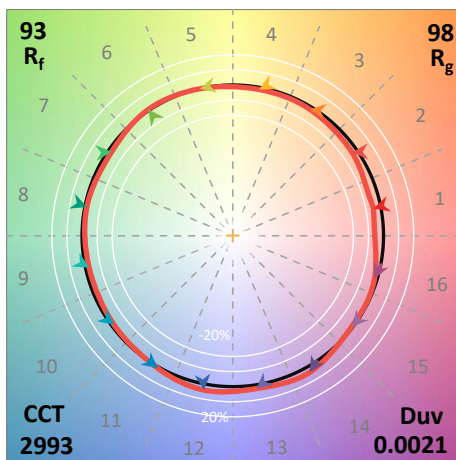
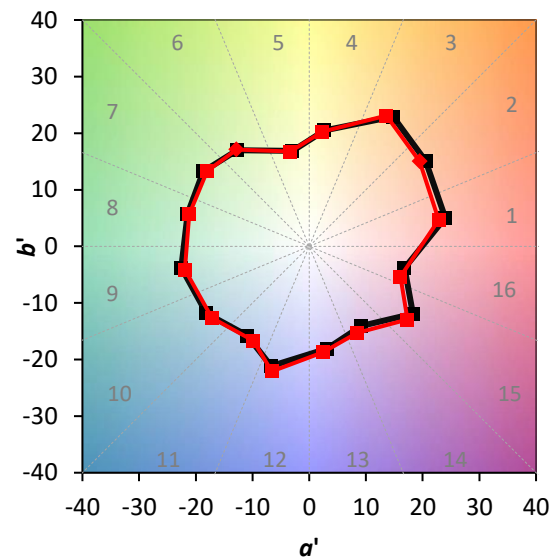
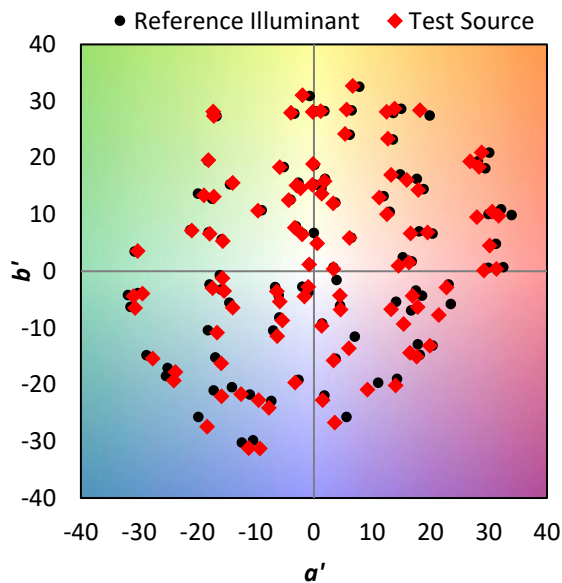
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98.5$
 $\text{CIE } R_a = 92.4$
 $R_9 = 58.2$

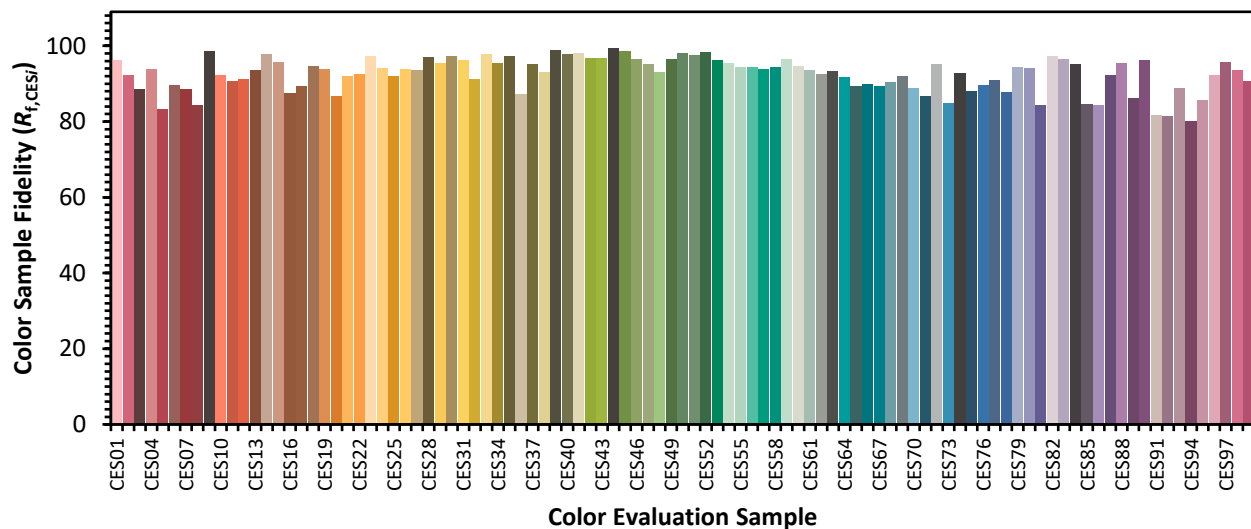


Color Vector Graphics

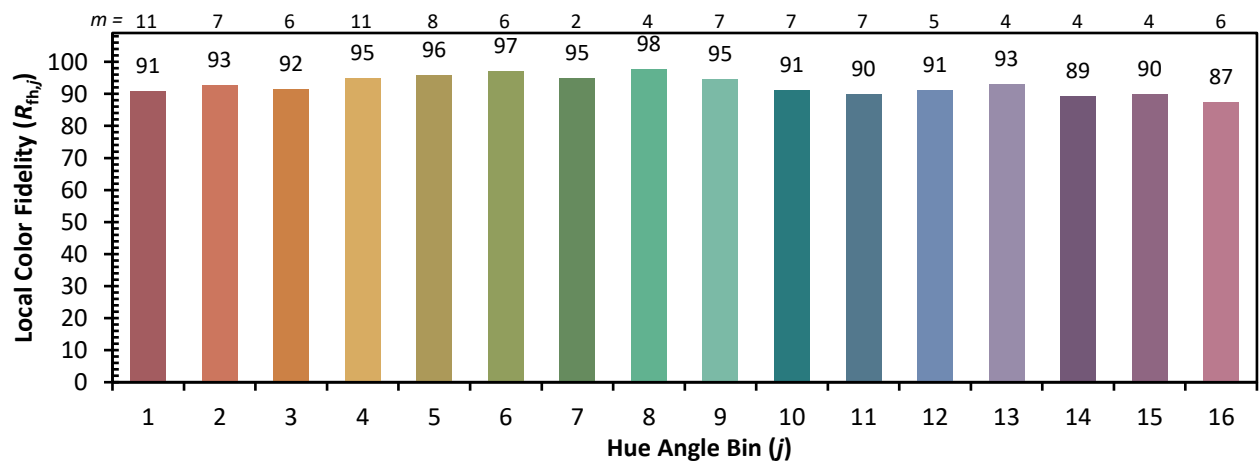
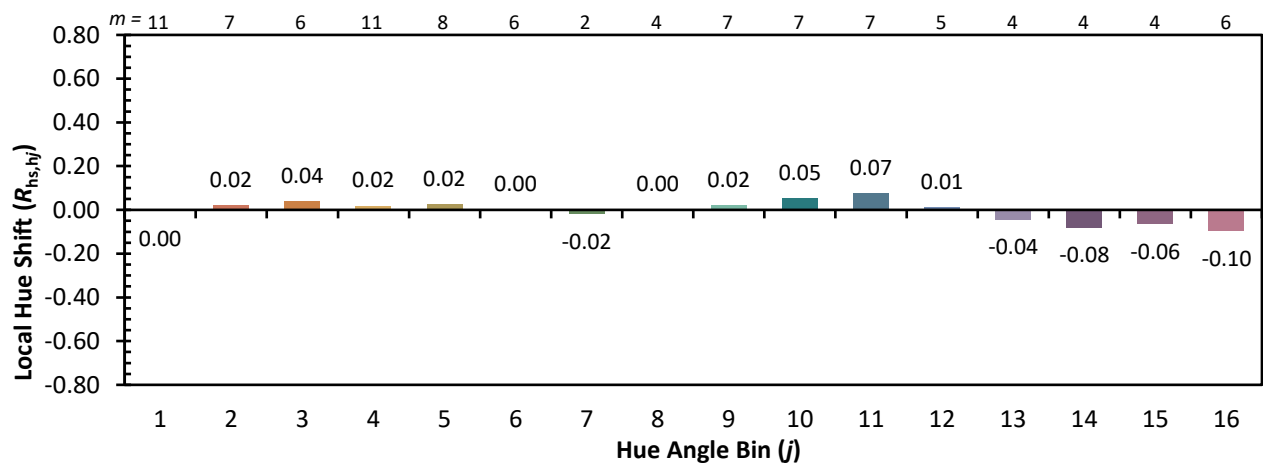
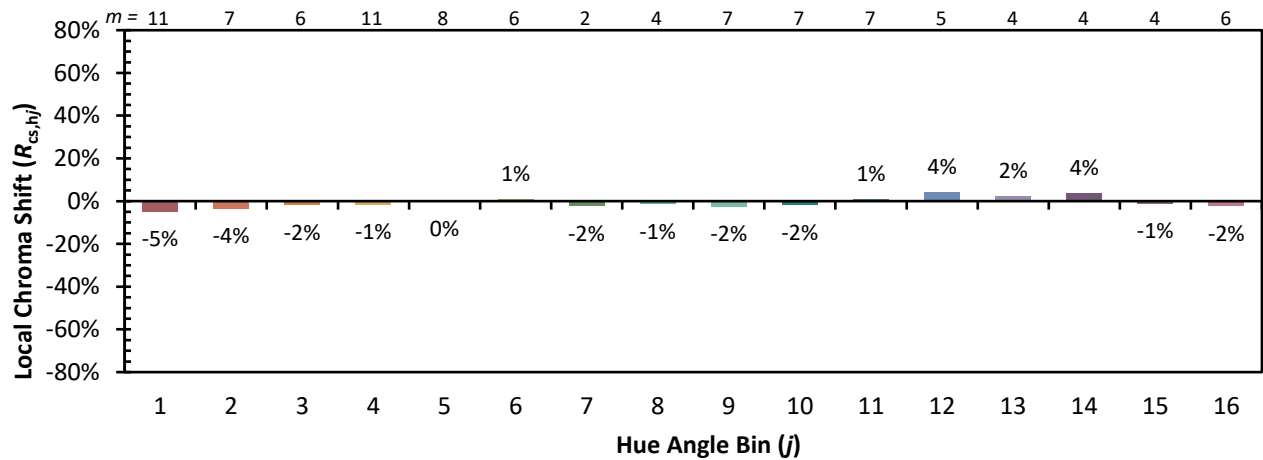


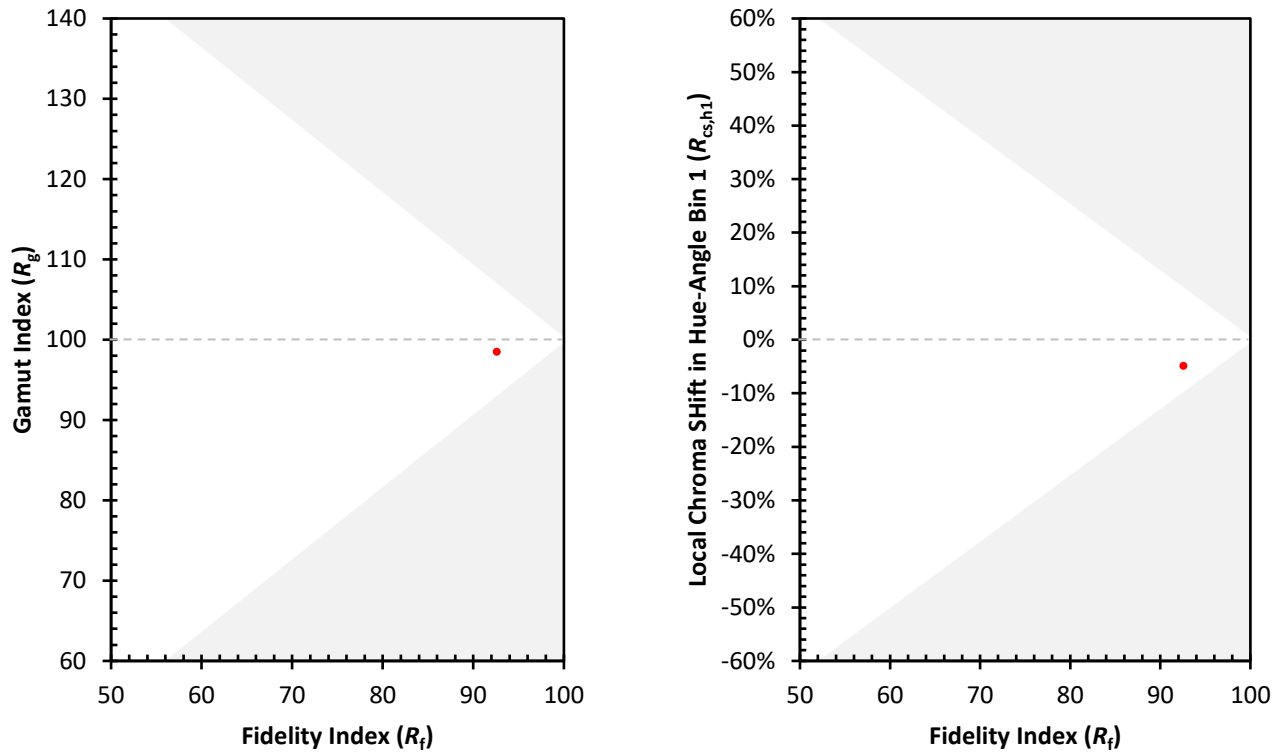
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 42	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 96	CES59 = 97	CES84 = 95
CES10 = 76	CES35 = 97	CES60 = 95	CES85 = 85
CES11 = 59	CES36 = 87	CES61 = 94	CES86 = 84
CES12 = 65	CES37 = 95	CES62 = 92	CES87 = 92
CES13 = 44	CES38 = 93	CES63 = 93	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 86
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 90	CES91 = 82
CES17 = 50	CES42 = 97	CES67 = 89	CES92 = 81
CES18 = 57	CES43 = 97	CES68 = 90	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 92	CES94 = 80
CES20 = 67	CES45 = 99	CES70 = 89	CES95 = 86
CES21 = 86	CES46 = 96	CES71 = 87	CES96 = 92
CES22 = 79	CES47 = 95	CES72 = 95	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 97	CES74 = 93	CES99 = 91
CES25 = 72	CES50 = 98	CES75 = 88	



Color Rendition by Hue-Angle Bin



Measure Comparisons


(END OF REPORT)