

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: P1049045

Luminaire Tested: **GALN-SA5A-750-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049045
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5A-750-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 5xLight Square PACKAGE
70CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (70) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16297.3 lumens
Efficiency: N/A
Efficacy: 119.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

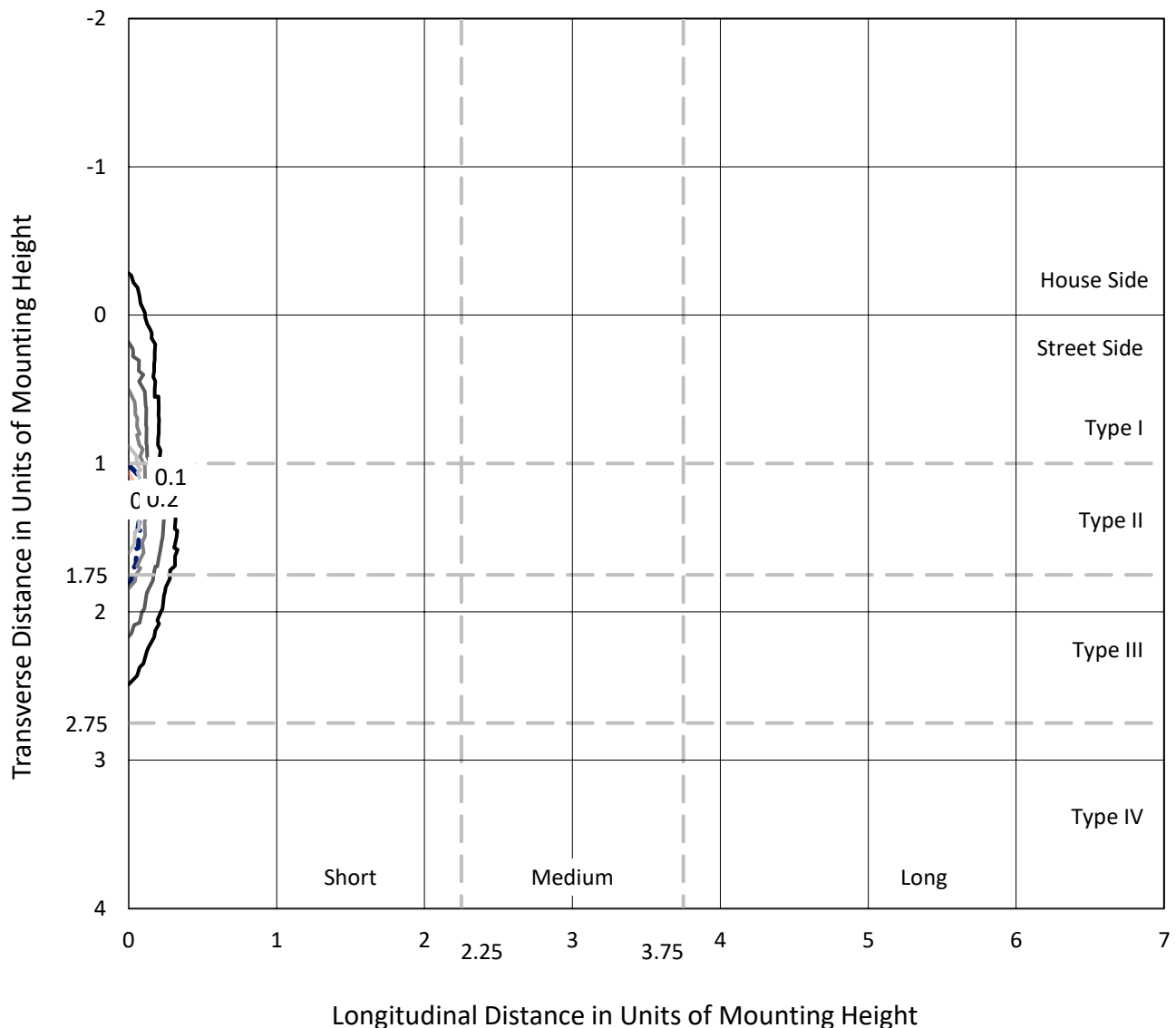
Input Watts (W): 136.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P1049045

CATALOG NUMBER: GALN-SA5A-750-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

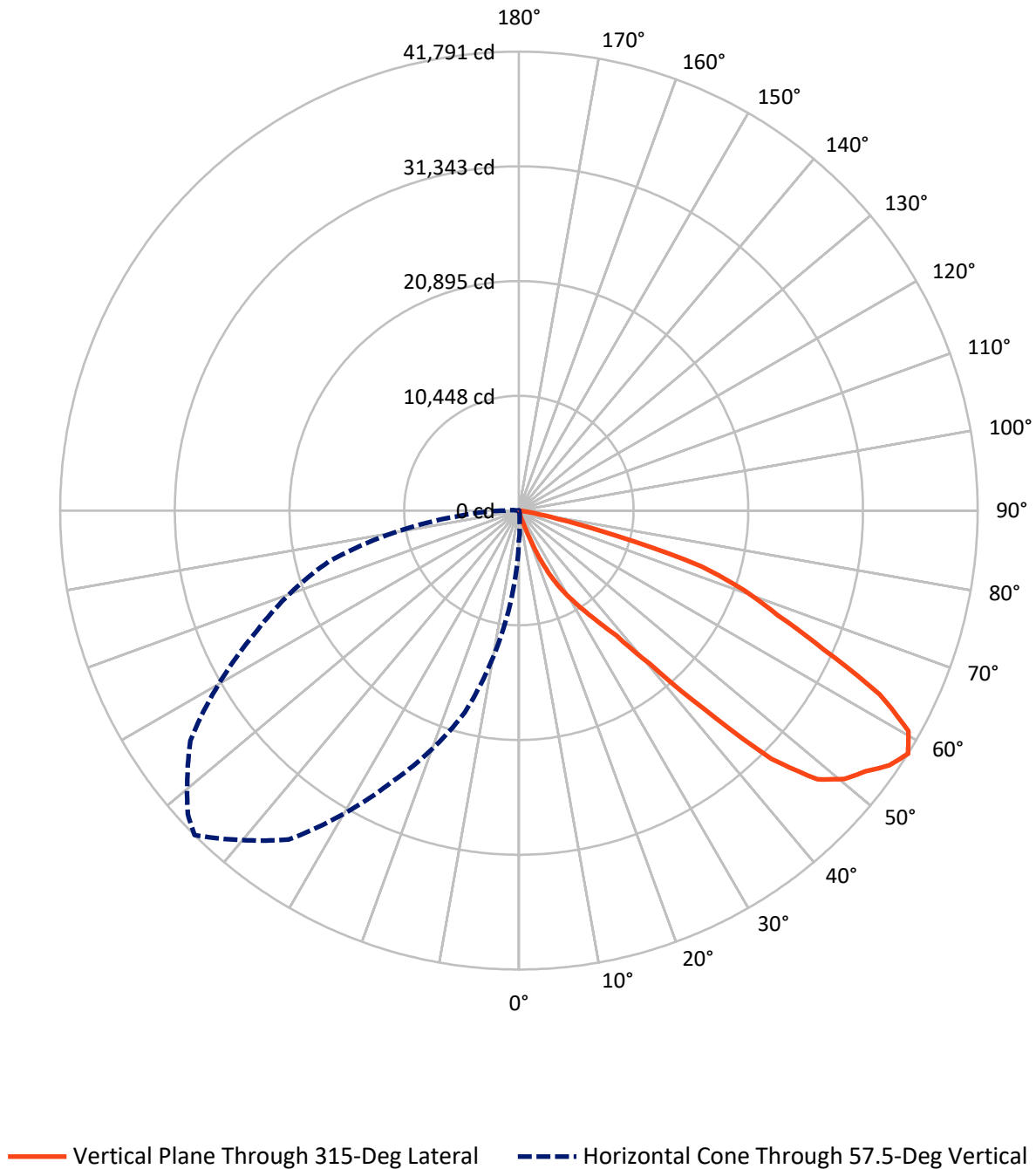
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 2.4 fc
 Type III - Short - N/A

REPORT NUMBER: P1049045
CATALOG NUMBER: GALN-SA5A-750-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1049045

CATALOG NUMBER: GALN-SA5A-750-U-RBC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	81.6	0.0	81.6
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	16215.7	0.0	16215.7
	% Fixture	99.5	0.0	99.5
Total	Lumens	16297.3	0.0	16297.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.4	0.0
10°-20°	35.8	0.2
20°-30°	386.2	2.4
30°-40°	1142.1	7.0
40°-50°	3403.9	20.9
50°-60°	5397.3	33.1
60°-70°	4505.4	27.6
70°-80°	1389.3	8.5
80°-90°	30.9	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°	16297.3	100.0
0°-180°	16297.3	100.0



REPORT NUMBER: P1049045

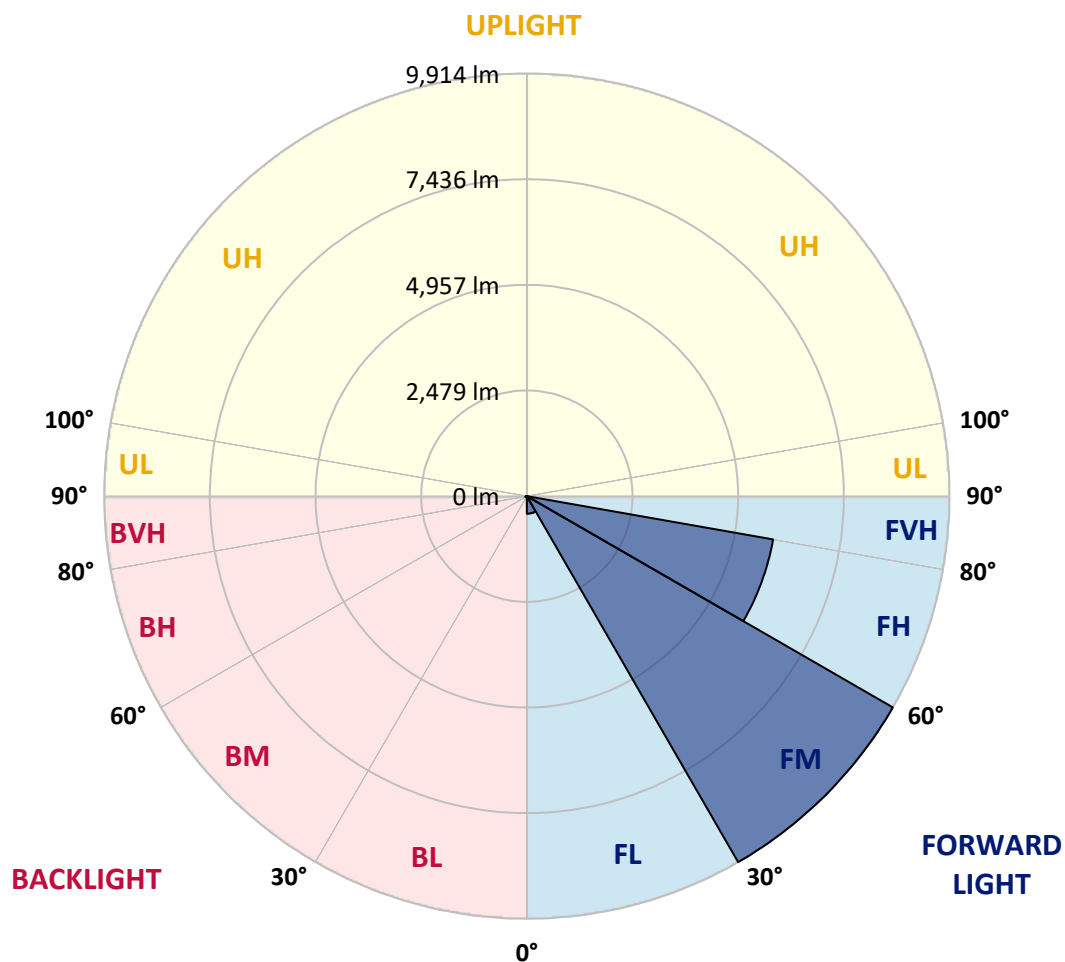
CATALOG NUMBER: GALN-SA5A-750-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	413.4	2.5			
FM	(30°-60°)	9914.1	60.8			
FH	(60°-80°)	5864.3	36.0			G3/7500
FVH	(80°-90°)	23.9	0.1			G1/100
BL	(0°-30°)	15.0	0.1	B0/110		
BM	(30°-60°)	29.2	0.2	B0/220		
BH	(60°-80°)	30.4	0.2	B0/110		G0/110
BVH	(80°-90°)	7.0	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-G3

Type III Short



REPORT NUMBER: P1049045

CATALOG NUMBER: GALN-SA5A-750-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
2.5°	65.3	65.3	65.3	65.3	64.0	64.0	62.8	62.8	61.6	61.6
5°	69.0	69.0	67.7	66.5	66.5	65.3	64.0	62.8	62.8	61.6
7.5°	75.1	73.9	72.7	71.4	69.0	67.7	65.3	64.0	62.8	60.3
10°	82.5	80.1	77.6	75.1	72.7	70.2	67.7	66.5	64.0	62.8
12.5°	92.4	88.7	83.7	80.1	77.6	73.9	71.4	69.0	65.3	62.8
15°	101.0	96.1	89.9	85.0	81.3	76.4	72.7	69.0	66.5	62.8
17.5°	113.3	104.7	94.8	88.7	83.7	77.6	71.4	67.7	64.0	59.1
20°	134.2	117.0	98.5	91.1	83.7	76.4	69.0	64.0	60.3	55.4
22.5°	167.5	137.9	108.4	97.3	87.4	76.4	66.5	61.6	56.7	51.7
25°	231.5	178.6	125.6	110.8	96.1	81.3	66.5	60.3	55.4	49.3
27.5°	307.9	229.1	149.0	128.1	108.4	87.4	66.5	59.1	53.0	45.6
30°	385.5	280.8	174.9	147.8	120.7	93.6	66.5	57.9	50.5	41.9
32.5°	459.4	328.8	197.1	165.0	133.0	99.8	67.7	57.9	48.0	38.2
35°	534.5	368.2	200.7	167.5	134.2	99.8	66.5	55.4	45.6	34.5
37.5°	630.6	412.6	193.4	160.1	128.1	94.8	62.8	53.0	43.1	32.0
40°	775.9	486.5	197.1	162.6	128.1	93.6	59.1	49.3	40.6	30.8
42.5°	1044.4	629.3	213.1	173.7	134.2	93.6	54.2	45.6	38.2	29.6
45°	1805.5	1045.6	285.7	226.6	167.5	108.4	49.3	41.9	35.7	28.3
47.5°	2986.6	1750.1	513.6	396.6	280.8	163.8	48.0	41.9	35.7	28.3
50°	3811.7	2229.1	646.6	497.6	348.5	199.5	50.5	43.1	36.9	29.6
52.5°	3805.6	2263.6	720.5	553.0	386.7	219.2	53.0	45.6	39.4	32.0
55°	3383.1	2059.2	734.0	564.1	395.3	225.4	56.7	49.3	41.9	34.5
57.5°	2827.7	1748.8	670.0	518.5	368.2	216.8	65.3	56.7	49.3	40.6
60°	2236.5	1379.4	522.2	412.6	304.2	194.6	86.2	75.1	65.3	54.2
62.5°	1544.4	1000.0	455.7	365.8	277.1	187.2	98.5	87.4	77.6	66.5
65°	1092.4	752.5	411.3	335.0	259.9	183.5	107.1	94.8	83.7	71.4
67.5°	816.5	598.5	379.3	314.1	248.8	183.5	118.2	103.5	89.9	75.1
70°	625.6	491.4	355.9	303.0	251.2	198.3	145.3	124.4	104.7	83.7
72.5°	509.9	420.0	328.8	290.7	252.5	214.3	176.1	149.0	121.9	93.6
75°	422.4	359.6	296.8	264.8	234.0	202.0	170.0	145.3	121.9	97.3
77.5°	280.8	256.2	230.3	211.8	193.4	173.7	155.2	134.2	114.5	93.6
80°	98.5	94.8	91.1	98.5	105.9	113.3	120.7	105.9	92.4	77.6
82.5°	14.8	13.5	12.3	13.5	14.8	16.0	17.2	18.5	19.7	20.9
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: P1049045

CATALOG NUMBER: GALN-SA5A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049045

CATALOG NUMBER: GALN-SA5A-750-U-RBC

CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
0.0	2.5°	60.3	60.3	59.1	59.1	59.1	57.9	57.9	56.7	56.7	56.7
0.0	5°	59.1	59.1	57.9	56.7	55.4	55.4	54.2	53.0	53.0	51.7
0.0	7.5°	57.9	56.7	55.4	54.2	53.0	51.7	50.5	49.3	49.3	48.0
0.0	10°	59.1	56.7	55.4	53.0	51.7	50.5	48.0	46.8	45.6	45.6
0.0	12.5°	56.7	55.4	53.0	50.5	49.3	46.8	45.6	43.1	41.9	41.9
0.0	15°	56.7	54.2	50.5	48.0	45.6	44.3	41.9	39.4	38.2	36.9
0.0	17.5°	53.0	50.5	46.8	44.3	41.9	39.4	36.9	34.5	33.3	32.0
0.0	20°	48.0	45.6	41.9	38.2	35.7	33.3	30.8	28.3	27.1	25.9
0.0	22.5°	43.1	40.6	36.9	33.3	30.8	28.3	24.6	22.2	20.9	18.5
0.0	25°	40.6	36.9	33.3	29.6	25.9	23.4	19.7	16.0	13.5	11.1
0.0	27.5°	34.5	30.8	27.1	23.4	19.7	16.0	12.3	8.6	6.2	4.9
0.0	30°	29.6	25.9	22.2	18.5	13.5	9.9	6.2	1.2	1.2	1.2
0.0	32.5°	24.6	20.9	16.0	12.3	9.9	6.2	3.7	0.0	0.0	0.0
0.0	35°	19.7	16.0	11.1	7.4	6.2	3.7	2.5	0.0	0.0	0.0
0.0	37.5°	17.2	13.5	8.6	3.7	2.5	2.5	1.2	0.0	0.0	0.0
0.0	40°	16.0	11.1	6.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0
0.0	42.5°	16.0	11.1	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	16.0	11.1	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	16.0	11.1	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	17.2	12.3	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	19.7	14.8	9.9	4.9	3.7	2.5	1.2	0.0	0.0	0.0
0.0	55°	24.6	22.2	18.5	16.0	12.3	8.6	3.7	0.0	0.0	0.0
0.0	57.5°	32.0	32.0	30.8	29.6	22.2	14.8	7.4	0.0	0.0	0.0
0.0	60°	43.1	43.1	43.1	43.1	32.0	22.2	11.1	0.0	0.0	0.0
0.0	62.5°	53.0	50.5	46.8	44.3	33.3	22.2	11.1	0.0	0.0	0.0
0.0	65°	53.0	48.0	41.9	35.7	27.1	18.5	8.6	0.0	0.0	0.0
0.0	67.5°	49.3	39.4	28.3	18.5	13.5	9.9	4.9	0.0	0.0	0.0
	70°	49.3	34.5	19.7	4.9	3.7	2.5	1.2	0.0	0.0	0.0
	72.5°	49.3	33.3	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	54.2	36.9	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	54.2	36.9	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	48.0	32.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	16.0	11.1	4.9	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: P1049045

CATALOG NUMBER: GALN-SA5A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049045

CATALOG NUMBER: GALN-SA5A-750-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°	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
0.0	2.5°	55.4	55.4	55.4	54.2	54.2	54.2	54.2	53.0	53.0	53.0
0.0	5°	50.5	50.5	49.3	49.3	48.0	48.0	46.8	46.8	45.6	45.6
0.0	7.5°	46.8	45.6	45.6	44.3	43.1	43.1	41.9	41.9	40.6	39.4
0.0	10°	43.1	41.9	41.9	40.6	39.4	38.2	38.2	36.9	35.7	34.5
0.0	12.5°	39.4	38.2	36.9	35.7	34.5	33.3	33.3	32.0	30.8	29.6
0.0	15°	34.5	33.3	32.0	30.8	29.6	28.3	28.3	27.1	25.9	24.6
0.0	17.5°	29.6	28.3	28.3	27.1	25.9	24.6	23.4	20.9	19.7	18.5
0.0	20°	22.2	20.9	19.7	18.5	17.2	14.8	13.5	11.1	8.6	7.4
0.0	22.5°	14.8	12.3	11.1	8.6	6.2	4.9	3.7	1.2	0.0	0.0
0.0	25°	4.9	3.7	2.5	1.2	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-SA5A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049045

CATALOG NUMBER: GALN-SA5A-750-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
0.0	2.5°	51.7	51.7	51.7	50.5	50.5	50.5	50.5	50.5	50.5	50.5
0.0	5°	44.3	44.3	44.3	43.1	43.1	41.9	41.9	41.9	40.6	40.6
0.0	7.5°	38.2	36.9	36.9	35.7	35.7	34.5	34.5	34.5	33.3	33.3
0.0	10°	32.0	30.8	30.8	29.6	29.6	28.3	28.3	27.1	27.1	25.9
0.0	12.5°	28.3	27.1	25.9	24.6	24.6	23.4	22.2	22.2	20.9	19.7
0.0	15°	22.2	20.9	19.7	18.5	17.2	16.0	14.8	14.8	13.5	12.3
0.0	17.5°	14.8	12.3	11.1	9.9	9.9	8.6	7.4	6.2	4.9	3.7
0.0	20°	3.7	2.5	1.2	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: P1049045

CATALOG NUMBER: GALN-SA5A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049045

CATALOG NUMBER: GALN-SA5A-750-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°	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
0.0	2.5°	50.5	49.3	49.3	49.3	50.5	50.5	50.5	50.5	50.5	50.5
0.0	5°	40.6	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
0.0	7.5°	33.3	32.0	32.0	32.0	32.0	30.8	30.8	30.8	30.8	30.8
0.0	10°	25.9	24.6	24.6	24.6	24.6	23.4	23.4	23.4	23.4	23.4
0.0	12.5°	18.5	18.5	17.2	17.2	17.2	16.0	16.0	16.0	16.0	14.8
0.0	15°	11.1	9.9	8.6	8.6	8.6	7.4	7.4	7.4	7.4	6.2
0.0	17.5°	2.5	2.5	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049045

CATALOG NUMBER: GALN-SA5A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049045

CATALOG NUMBER: GALN-SA5A-750-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
0.0	2.5°	51.7	51.7	53.0	53.0	54.2	56.7	57.9	59.1	61.6	64.0
0.0	5°	40.6	41.9	41.9	43.1	44.3	45.6	46.8	48.0	50.5	53.0
0.0	7.5°	32.0	32.0	33.3	33.3	34.5	36.9	38.2	39.4	41.9	45.6
0.0	10°	24.6	24.6	25.9	25.9	27.1	29.6	30.8	32.0	34.5	38.2
0.0	12.5°	16.0	17.2	17.2	18.5	19.7	22.2	23.4	24.6	27.1	29.6
0.0	15°	7.4	8.6	8.6	9.9	11.1	13.5	14.8	16.0	18.5	22.2
0.0	17.5°	1.2	1.2	2.5	2.5	3.7	4.9	6.2	7.4	11.1	13.5
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	4.9
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
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: P1049045

CATALOG NUMBER: GALN-SA5A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049045

CATALOG NUMBER: GALN-SA5A-750-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°	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
0.0	2.5°	67.7	70.2	72.7	75.1	77.6	80.1	81.3	83.7	85.0	86.2
0.0	5°	57.9	60.3	64.0	66.5	69.0	71.4	73.9	75.1	76.4	77.6
0.0	7.5°	50.5	53.0	56.7	59.1	61.6	64.0	66.5	69.0	70.2	71.4
0.0	10°	43.1	46.8	49.3	53.0	55.4	57.9	60.3	62.8	65.3	66.5
0.0	12.5°	34.5	38.2	41.9	44.3	48.0	51.7	54.2	56.7	59.1	61.6
0.0	15°	27.1	30.8	34.5	36.9	40.6	44.3	48.0	50.5	53.0	55.4
0.0	17.5°	19.7	23.4	27.1	29.6	33.3	36.9	39.4	43.1	45.6	48.0
0.0	20°	9.9	13.5	17.2	20.9	24.6	28.3	30.8	34.5	36.9	39.4
0.0	22.5°	1.2	4.9	8.6	11.1	14.8	18.5	20.9	24.6	27.1	29.6
0.0	25°	0.0	1.2	3.7	4.9	6.2	8.6	11.1	13.5	16.0	18.5
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.2	2.5	4.9	7.4	9.9
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
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	1.2
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	2.5
0.0	85°	0.0	0.0	0.0	0.0	0.0	2.5	3.7	6.2	7.4	8.6
0.0	87.5°	0.0	1.2	2.5	3.7	4.9	7.4	9.9	12.3	13.5	14.8
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: P1049045

CATALOG NUMBER: GALN-SA5A-750-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
71.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.2											
4.9											
11.1											
16.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049045

CATALOG NUMBER: GALN-SA5A-750-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
0.0	2.5°	87.4	87.4	87.4	87.4	86.2	86.2	86.2	85.0	85.0	83.7
0.0	5°	80.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	80.1	80.1
0.0	7.5°	73.9	75.1	76.4	76.4	77.6	77.6	77.6	76.4	76.4	75.1
0.0	10°	70.2	71.4	71.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7
0.0	12.5°	65.3	66.5	67.7	67.7	69.0	69.0	69.0	69.0	67.7	67.7
0.0	15°	59.1	61.6	62.8	64.0	64.0	65.3	65.3	65.3	65.3	65.3
0.0	17.5°	54.2	56.7	57.9	59.1	59.1	60.3	60.3	61.6	61.6	61.6
0.0	20°	44.3	46.8	48.0	50.5	51.7	53.0	54.2	55.4	55.4	56.7
0.0	22.5°	34.5	36.9	38.2	40.6	41.9	43.1	44.3	45.6	46.8	48.0
0.0	25°	24.6	27.1	28.3	30.8	32.0	33.3	34.5	35.7	35.7	36.9
0.0	27.5°	13.5	16.0	18.5	19.7	22.2	23.4	24.6	25.9	27.1	28.3
0.0	30°	6.2	7.4	8.6	11.1	12.3	13.5	14.8	17.2	18.5	19.7
0.0	32.5°	0.0	0.0	1.2	3.7	4.9	6.2	7.4	8.6	8.6	9.9
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.5	3.7	4.9
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°	2.5	2.5	2.5	3.7	3.7	3.7	3.7	3.7	3.7	3.7
	82.5°	6.2	7.4	8.6	8.6	9.9	9.9	9.9	9.9	8.6	8.6
	85°	12.3	13.5	14.8	14.8	16.0	16.0	16.0	16.0	16.0	16.0
	87.5°	17.2	18.5	19.7	19.7	20.9	20.9	20.9	20.9	20.9	20.9
	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: P1049045

CATALOG NUMBER: GALN-SA5A-750-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
71.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.7	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
61.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	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											
3.7											
8.6											
16.0											
20.9											
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: P1049045

CATALOG NUMBER: GALN-SA5A-750-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°	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
0.0	2.5°	82.5	82.5	81.3	81.3	81.3	81.3	81.3	82.5	83.7	83.7
0.0	5°	78.8	78.8	77.6	77.6	77.6	78.8	78.8	80.1	81.3	82.5
0.0	7.5°	75.1	73.9	73.9	75.1	75.1	76.4	76.4	77.6	78.8	80.1
0.0	10°	72.7	71.4	71.4	71.4	72.7	72.7	73.9	75.1	76.4	77.6
0.0	12.5°	67.7	67.7	67.7	67.7	69.0	69.0	70.2	71.4	73.9	75.1
0.0	15°	65.3	64.0	64.0	64.0	64.0	65.3	65.3	67.7	70.2	71.4
0.0	17.5°	60.3	60.3	59.1	59.1	60.3	60.3	61.6	64.0	66.5	67.7
0.0	20°	55.4	54.2	53.0	53.0	54.2	54.2	55.4	57.9	60.3	61.6
0.0	22.5°	48.0	46.8	46.8	46.8	46.8	48.0	48.0	50.5	54.2	56.7
0.0	25°	38.2	39.4	39.4	40.6	40.6	41.9	43.1	45.6	49.3	51.7
0.0	27.5°	29.6	30.8	30.8	33.3	34.5	35.7	36.9	40.6	44.3	46.8
0.0	30°	22.2	23.4	24.6	25.9	28.3	30.8	33.3	36.9	40.6	43.1
0.0	32.5°	13.5	16.0	17.2	19.7	22.2	24.6	27.1	30.8	35.7	39.4
0.0	35°	9.9	11.1	13.5	14.8	17.2	19.7	22.2	27.1	30.8	35.7
0.0	37.5°	4.9	7.4	9.9	12.3	14.8	17.2	19.7	24.6	29.6	33.3
0.0	40°	3.7	6.2	7.4	9.9	13.5	16.0	18.5	23.4	28.3	33.3
0.0	42.5°	2.5	3.7	4.9	8.6	11.1	14.8	18.5	23.4	28.3	33.3
0.0	45°	2.5	2.5	3.7	7.4	11.1	16.0	19.7	24.6	28.3	33.3
0.0	47.5°	2.5	3.7	4.9	9.9	12.3	16.0	19.7	23.4	28.3	32.0
0.0	50°	3.7	4.9	6.2	11.1	13.5	17.2	19.7	24.6	28.3	33.3
0.0	52.5°	2.5	3.7	4.9	9.9	13.5	18.5	22.2	27.1	32.0	35.7
0.0	55°	1.2	1.2	1.2	7.4	14.8	20.9	28.3	32.0	36.9	40.6
0.0	57.5°	0.0	0.0	0.0	4.9	14.8	23.4	32.0	36.9	41.9	45.6
0.0	60°	0.0	0.0	0.0	4.9	14.8	23.4	32.0	38.2	44.3	50.5
0.0	62.5°	0.0	0.0	0.0	4.9	12.3	19.7	27.1	36.9	48.0	57.9
0.0	65°	0.0	0.0	0.0	3.7	9.9	16.0	22.2	36.9	51.7	65.3
0.0	67.5°	0.0	0.0	0.0	3.7	9.9	14.8	20.9	36.9	51.7	67.7
	70°	0.0	0.0	0.0	3.7	9.9	16.0	22.2	36.9	51.7	66.5
	72.5°	0.0	0.0	0.0	3.7	11.1	17.2	24.6	36.9	49.3	61.6
	75°	0.0	0.0	0.0	4.9	11.1	18.5	25.9	36.9	48.0	57.9
	77.5°	0.0	0.0	0.0	3.7	11.1	17.2	24.6	35.7	46.8	56.7
	80°	3.7	2.5	2.5	6.2	11.1	16.0	20.9	32.0	44.3	55.4
	82.5°	7.4	7.4	6.2	8.6	11.1	14.8	18.5	28.3	39.4	49.3
	85°	14.8	14.8	13.5	14.8	14.8	16.0	17.2	22.2	27.1	32.0
	87.5°	19.7	19.7	18.5	18.5	18.5	17.2	17.2	17.2	17.2	16.0
	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: P1049045

CATALOG NUMBER: GALN-SA5A-750-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
71.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.3											
73.9											
69.0											
67.7											
66.5											
59.1											
36.9											
16.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049045

CATALOG NUMBER: GALN-SA5A-750-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
0.0	2.5°	86.2	87.4	87.4	88.7	89.9	91.1	91.1	92.4	92.4	92.4
0.0	5°	85.0	87.4	88.7	89.9	91.1	92.4	93.6	94.8	96.1	96.1
0.0	7.5°	83.7	85.0	87.4	88.7	91.1	92.4	94.8	96.1	97.3	98.5
0.0	10°	81.3	83.7	86.2	88.7	91.1	93.6	96.1	98.5	101.0	102.2
0.0	12.5°	78.8	82.5	85.0	87.4	91.1	94.8	97.3	101.0	103.5	105.9
0.0	15°	77.6	80.1	83.7	86.2	91.1	96.1	99.8	104.7	109.6	113.3
0.0	17.5°	73.9	78.8	82.5	86.2	91.1	97.3	102.2	107.1	114.5	121.9
0.0	20°	69.0	72.7	77.6	81.3	88.7	94.8	102.2	108.4	119.5	130.5
0.0	22.5°	64.0	69.0	72.7	77.6	86.2	93.6	102.2	109.6	128.1	145.3
0.0	25°	59.1	65.3	70.2	75.1	85.0	94.8	104.7	114.5	145.3	176.1
0.0	27.5°	56.7	61.6	67.7	72.7	85.0	98.5	110.8	123.2	172.4	220.5
0.0	30°	53.0	59.1	64.0	70.2	86.2	102.2	118.2	134.2	209.4	284.5
0.0	32.5°	49.3	55.4	61.6	67.7	88.7	109.6	129.3	150.3	248.8	346.1
0.0	35°	45.6	53.0	59.1	65.3	92.4	120.7	147.8	174.9	284.5	392.9
0.0	37.5°	44.3	51.7	57.9	64.0	93.6	121.9	151.5	179.8	288.2	396.6
0.0	40°	45.6	51.7	59.1	65.3	89.9	114.5	137.9	162.6	275.9	387.9
0.0	42.5°	45.6	53.0	60.3	67.7	87.4	107.1	126.9	146.6	272.2	397.8
0.0	45°	44.3	51.7	59.1	66.5	85.0	102.2	120.7	137.9	294.3	449.5
0.0	47.5°	43.1	50.5	57.9	65.3	83.7	102.2	120.7	139.2	380.6	620.7
0.0	50°	43.1	50.5	56.7	62.8	85.0	108.4	130.5	152.7	554.2	954.5
0.0	52.5°	45.6	51.7	56.7	61.6	87.4	114.5	140.4	166.3	704.5	1241.4
0.0	55°	49.3	53.0	57.9	61.6	93.6	124.4	156.4	187.2	750.0	1312.9
0.0	57.5°	54.2	57.9	61.6	65.3	104.7	144.1	182.3	221.7	753.7	1284.5
0.0	60°	60.3	65.3	69.0	72.7	114.5	157.6	199.5	241.4	682.3	1122.0
0.0	62.5°	73.9	80.1	85.0	91.1	131.8	171.2	211.8	251.2	566.5	881.8
0.0	65°	85.0	89.9	94.8	99.8	139.2	179.8	219.2	258.6	480.3	702.0
0.0	67.5°	87.4	92.4	96.1	101.0	141.6	182.3	221.7	262.3	411.3	559.1
	70°	88.7	94.8	102.2	108.4	150.3	192.1	232.8	274.6	364.5	454.4
	72.5°	85.0	97.3	108.4	119.5	158.9	197.1	236.5	274.6	338.7	402.7
	75°	85.0	102.2	118.2	134.2	163.8	192.1	221.7	250.0	299.3	348.5
	77.5°	89.9	112.1	134.2	156.4	173.7	189.7	206.9	222.9	254.9	287.0
	80°	89.9	113.3	135.5	158.9	166.3	174.9	182.3	189.7	193.4	197.1
	82.5°	77.6	96.1	114.5	133.0	124.4	115.8	107.1	98.5	92.4	85.0
	85°	39.4	43.1	45.6	48.0	44.3	40.6	36.9	33.3	30.8	27.1
	87.5°	16.0	16.0	14.8	14.8	14.8	14.8	13.5	13.5	13.5	13.5
	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: P1049045

CATALOG NUMBER: GALN-SA5A-750-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
71.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
193.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
262.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
364.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
493.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
617.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
763.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
826.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
949.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1195.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1822.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2792.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3514.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3595.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3244.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2773.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2167.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1638.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1209.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
855.9											
636.7											
463.1											
348.5											
195.8											
88.7											
25.9											
12.3											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049045

CATALOG NUMBER: GALN-SA5A-750-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°	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
0.0	2.5°	92.4	91.1	91.1	89.9	88.7	87.4	86.2	85.0	83.7	82.5
0.0	5°	96.1	96.1	96.1	94.8	94.8	93.6	93.6	92.4	91.1	89.9
0.0	7.5°	99.8	101.0	101.0	102.2	102.2	102.2	102.2	101.0	101.0	101.0
0.0	10°	105.9	107.1	108.4	109.6	110.8	112.1	112.1	113.3	113.3	113.3
0.0	12.5°	113.3	117.0	119.5	123.2	125.6	129.3	131.8	135.5	137.9	140.4
0.0	15°	124.4	130.5	137.9	144.1	150.3	158.9	168.7	177.3	186.0	199.5
0.0	17.5°	140.4	160.1	179.8	198.3	218.0	261.1	304.2	346.1	389.2	452.0
0.0	20°	171.2	230.3	288.2	347.3	405.2	556.7	706.9	858.4	1008.7	1170.0
0.0	22.5°	240.2	385.5	530.8	676.1	821.5	1138.0	1453.3	1769.8	2085.1	2455.8
0.0	25°	348.5	615.8	883.0	1149.1	1416.3	1911.4	2407.7	2902.8	3397.9	3879.5
0.0	27.5°	507.4	916.3	1325.2	1732.8	2141.7	2812.9	3485.3	4156.6	4827.8	5372.1
0.0	30°	703.2	1257.4	1811.6	2365.8	2920.1	3683.6	4447.2	5209.5	5973.1	6568.0
0.0	32.5°	888.0	1566.6	2245.2	2922.5	3601.1	4470.6	5341.3	6210.8	7080.3	7730.6
0.0	35°	1008.7	1828.9	2650.3	3470.6	4290.8	5231.7	6172.6	7112.3	8053.2	8795.9
0.0	37.5°	1129.4	2076.4	3022.3	3969.4	4915.2	5948.5	6981.8	8015.1	9048.4	9965.9
0.0	40°	1264.8	2375.7	3485.3	4596.2	5705.9	6930.1	8153.0	9377.2	10600.1	11894.5
0.0	42.5°	1500.1	2872.0	4245.2	5617.2	6989.2	8608.7	10228.2	11846.5	13466.0	15313.4
0.0	45°	1942.2	3875.8	5810.6	7744.1	9677.7	11823.1	13969.7	16115.1	18260.5	20718.7
0.0	47.5°	3024.7	5684.9	8343.9	11004.1	13663.1	15979.6	18295.0	20611.6	22926.9	25375.3
0.0	50°	4628.2	7724.4	10820.6	13915.5	17011.7	19107.8	21202.7	23298.9	25393.8	27722.7
0.0	52.5°	5788.4	9013.9	12240.6	15466.1	18691.6	20583.3	22476.2	24367.9	26259.6	28435.8
0.0	55°	5875.8	9082.8	12291.1	15498.1	18705.1	20605.4	22505.7	24406.1	26306.4	28613.1
0.0	57.5°	5202.2	8383.3	11563.2	14744.4	17924.3	20088.2	22250.8	24414.7	26577.3	29071.3
0.0	60°	4425.0	7607.4	10788.6	13971.0	17152.1	19644.8	22138.7	24631.4	27124.1	29460.4
0.0	62.5°	3452.1	6725.6	10000.4	13273.9	16547.4	19078.3	21609.2	24138.8	26669.7	28422.2
0.0	65°	2572.8	5751.4	8930.1	12107.6	15286.3	17313.4	19340.6	21366.5	23393.7	24478.7
0.0	67.5°	1859.7	4601.2	7341.4	10082.9	12823.1	14273.9	15724.7	17174.3	18625.1	19455.1
	70°	1257.4	3156.5	5054.4	6953.5	8851.3	10043.5	11236.9	12429.0	13621.2	14741.9
	72.5°	870.7	1937.3	3005.0	4071.6	5138.1	6337.7	7536.0	8735.5	9933.9	11119.9
	75°	577.6	1062.8	1549.3	2034.6	2519.8	3407.8	4297.0	5184.9	6072.9	6779.8
	77.5°	410.1	555.4	702.0	847.3	992.6	1158.9	1326.4	1492.7	1658.9	1911.4
	80°	194.6	213.1	231.5	248.8	267.3	327.6	387.9	448.3	508.6	572.7
	82.5°	92.4	99.8	107.1	113.3	120.7	126.9	133.0	139.2	145.3	139.2
	85°	24.6	24.6	25.9	25.9	25.9	25.9	25.9	25.9	25.9	24.6
	87.5°	11.1	11.1	11.1	11.1	11.1	11.1	11.1	9.9	9.9	8.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049045

CATALOG NUMBER: GALN-SA5A-750-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
71.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
214.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1332.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2826.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4361.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5916.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7164.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8382.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9538.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10884.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13188.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17160.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23176.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27823.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30051.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30611.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30921.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31565.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31795.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30176.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25565.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20286.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15861.4											
12305.9											
7486.7											
2163.9											
636.7											
131.8											
23.4											
8.6											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049045

CATALOG NUMBER: GALN-SA5A-750-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
0.0	2.5°	80.1	78.8	77.6	76.4	75.1	72.7	72.7	71.4	71.4
0.0	5°	87.4	86.2	85.0	83.7	83.7	82.5	81.3	81.3	80.1
0.0	7.5°	99.8	98.5	97.3	96.1	96.1	94.8	94.8	93.6	93.6
0.0	10°	114.5	114.5	114.5	114.5	114.5	113.3	113.3	113.3	112.1
0.0	12.5°	144.1	145.3	147.8	150.3	153.9	153.9	153.9	152.7	152.7
0.0	15°	227.8	241.4	251.2	261.1	269.7	289.4	287.0	283.3	280.8
0.0	17.5°	576.4	638.0	671.2	703.2	736.5	827.6	812.8	798.1	784.5
0.0	20°	1493.9	1655.2	1762.4	1869.5	1977.9	2149.1	2107.2	2065.3	2023.5
0.0	22.5°	3195.9	3566.6	3728.0	3889.3	4049.4	4256.3	4122.1	3987.8	3854.8
0.0	25°	4841.3	5322.9	5595.0	5867.2	6138.2	6256.4	6081.5	5905.4	5730.5
0.0	27.5°	6460.8	7005.2	7245.3	7484.3	7724.4	7972.0	7755.2	7537.2	7320.5
0.0	30°	7758.9	8353.8	8613.6	8872.2	9132.1	9304.5	9080.4	8855.0	8630.9
0.0	32.5°	9032.3	9682.6	9967.1	10251.6	10534.9	10782.4	10506.5	10229.4	9953.6
0.0	35°	10279.9	11022.6	11414.2	11805.8	12197.5	12427.8	12100.2	11771.4	11443.8
0.0	37.5°	11802.2	12719.7	13158.1	13596.6	14035.0	14455.0	14094.1	13732.0	13371.2
0.0	40°	14483.3	15777.7	16450.1	17123.8	17796.2	18338.1	17882.4	17426.7	16971.1
0.0	42.5°	19008.1	20855.4	21822.2	22787.8	23754.6	24600.6	24121.6	23642.5	23163.4
0.0	45°	25635.2	28093.4	29272.0	30449.4	31628.0	32246.2	31556.6	30865.7	30176.0
0.0	47.5°	30270.8	32719.2	33768.5	34817.8	35867.1	36572.8	35729.1	34885.5	34043.1
0.0	50°	32379.3	34708.2	35761.1	36812.9	37865.9	38426.3	37452.1	36476.7	35502.5
0.0	52.5°	32786.9	34963.1	36219.3	37476.7	38732.9	39481.7	38331.4	37179.9	36029.6
0.0	55°	33227.8	35534.5	36991.5	38449.7	39906.6	40943.6	39643.1	38341.3	37040.8
0.0	57.5°	34057.9	36551.8	38005.1	39457.1	40910.4	41790.9	40486.7	39181.2	37877.0
0.0	60°	34131.8	36466.8	37715.7	38965.7	40214.5	40768.7	39521.1	38272.3	37024.7
0.0	62.5°	31928.5	33681.0	34548.1	35415.1	36282.1	36884.3	35582.6	34279.6	32977.8
0.0	65°	26650.0	27735.0	28425.9	29116.8	29807.7	30525.7	29333.6	28141.4	26949.3
0.0	67.5°	21116.5	21946.6	22856.7	23766.9	24677.0	25444.3	24489.8	23534.1	22579.6
	70°	16982.1	18101.6	19125.1	20148.5	21172.0	21800.1	20841.9	19882.5	18924.3
	72.5°	13491.9	14677.9	15532.6	16386.1	17240.8	17394.7	16690.3	15985.8	15282.6
	75°	8192.4	8899.3	8916.6	8932.6	8949.8	9096.4	8512.6	7928.9	7346.3
	77.5°	2416.3	2668.8	2877.0	3083.9	3292.0	3543.2	3328.9	3113.4	2899.1
	80°	699.5	763.6	817.8	870.7	924.9	892.9	842.4	791.9	741.4
	82.5°	125.6	118.2	117.0	115.8	115.8	109.6	99.8	89.9	80.1
	85°	22.2	20.9	19.7	18.5	17.2	16.0	13.5	12.3	9.9
	87.5°	7.4	6.2	4.9	3.7	3.7	1.2	1.2	1.2	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: P1049045

CATALOG NUMBER: GALN-SA5A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049045

CATALOG NUMBER: GALN-SA5A-750-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°	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
0.0	0.0	2.5°	70.2	69.0	69.0	69.0	69.0	67.7	67.7	67.7	67.7
0.0	0.0	5°	77.6	77.6	76.4	76.4	75.1	75.1	73.9	73.9	72.7
0.0	0.0	7.5°	91.1	89.9	88.7	87.4	86.2	83.7	82.5	81.3	81.3
0.0	0.0	10°	109.6	107.1	105.9	103.5	102.2	99.8	97.3	94.8	92.4
0.0	0.0	12.5°	144.1	139.2	135.5	130.5	125.6	121.9	117.0	113.3	108.4
0.0	0.0	15°	250.0	237.7	224.1	208.1	190.9	174.9	157.6	147.8	136.7
0.0	0.0	17.5°	639.2	575.1	509.9	456.9	404.0	352.2	299.3	261.1	222.9
0.0	0.0	20°	1626.9	1449.6	1272.2	1097.3	921.2	746.3	570.2	481.5	392.9
0.0	0.0	22.5°	3061.7	2732.9	2402.8	2083.8	1763.6	1444.6	1125.7	924.9	725.4
0.0	0.0	25°	4725.5	4311.7	3897.9	3373.3	2847.4	2322.7	1798.1	1471.7	1145.4
0.0	0.0	27.5°	6149.2	5672.6	5196.0	4558.0	3920.1	3282.1	2644.2	2157.7	1672.5
0.0	0.0	30°	7382.0	6869.7	6357.4	5614.7	4872.1	4129.5	3386.8	2778.4	2170.0
0.0	0.0	32.5°	8451.0	7837.7	7224.4	6458.4	5692.3	4926.3	4160.2	3413.9	2667.6
0.0	0.0	35°	9683.8	8968.3	8251.5	7401.7	6550.7	5700.9	4851.2	4008.8	3165.1
0.0	0.0	37.5°	11250.4	10372.3	9493.0	8545.9	7598.8	6653.0	5705.9	4742.8	3779.7
0.0	0.0	40°	14249.3	13116.2	11983.2	10779.9	9575.5	8372.2	7169.0	5986.7	4804.4
0.0	0.0	42.5°	19622.6	18091.8	16560.9	14959.9	13357.6	11756.6	10154.3	8486.8	6818.0
0.0	0.0	45°	25686.9	23787.8	21887.5	20090.6	18292.5	16495.7	14698.8	12410.5	10122.3
0.0	0.0	47.5°	29097.1	27046.5	24996.0	23295.2	21594.4	19893.6	18192.8	15725.9	13259.1
0.0	0.0	50°	30352.1	28264.6	26177.1	24611.7	23045.2	21479.8	19913.3	17442.8	14971.0
0.0	0.0	52.5°	30619.3	28490.0	26360.6	24785.4	23210.2	21636.3	20061.1	17606.6	15152.0
0.0	0.0	55°	31168.6	28884.1	26598.3	24802.6	23007.0	21211.4	19415.7	16921.8	14427.9
0.0	0.0	57.5°	31886.6	29544.2	27201.7	25156.1	23110.4	21066.0	19020.4	16293.7	13567.0
0.0	0.0	60°	31698.2	29659.9	27620.5	25429.5	23237.3	21046.3	18854.1	15855.3	12855.1
0.0	0.0	62.5°	28427.1	26803.9	25179.5	23377.7	21574.7	19772.9	17971.1	14883.5	11796.0
0.0	0.0	65°	23386.3	22201.5	21016.8	19567.2	18116.4	16666.9	15217.3	12448.7	9681.4
0.0	0.0	67.5°	18953.9	17618.9	16282.6	15127.4	13971.0	12815.7	11659.3	9480.6	7302.0
		70°	15058.4	13606.4	12153.2	11025.0	9895.7	8767.6	7639.4	6191.1	4744.0
		72.5°	11958.6	10649.4	9340.2	8137.0	6932.5	5729.3	4524.8	3668.9	2812.9
		75°	5715.7	5192.3	4668.9	4039.6	3410.2	2780.9	2151.6	1778.4	1406.5
		77.5°	2118.3	1836.3	1553.0	1296.8	1040.7	785.7	529.6	485.2	440.9
		80°	548.0	477.8	406.4	355.9	304.2	253.7	203.2	183.5	165.0
		82.5°	62.8	57.9	54.2	51.7	48.0	45.6	41.9	38.2	34.5
		85°	3.7	2.5	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: P1049045

CATALOG NUMBER: GALN-SA5A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049045

CATALOG NUMBER: GALN-SA5A-750-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	71.4	71.4
0.0	0.0	2.5°	66.5	65.3
0.0	0.0	5°	70.2	69.0
0.0	0.0	7.5°	77.6	75.1
0.0	0.0	10°	85.0	82.5
0.0	0.0	12.5°	96.1	92.4
0.0	0.0	15°	108.4	101.0
0.0	0.0	17.5°	129.3	113.3
0.0	0.0	20°	174.9	134.2
0.0	0.0	22.5°	246.3	167.5
0.0	0.0	25°	362.1	231.5
0.0	0.0	27.5°	503.7	307.9
0.0	0.0	30°	670.0	385.5
0.0	0.0	32.5°	816.5	459.4
0.0	0.0	35°	1007.4	534.5
0.0	0.0	37.5°	1242.7	630.6
0.0	0.0	40°	1607.2	775.9
0.0	0.0	42.5°	2263.6	1044.4
0.0	0.0	45°	3676.2	1805.5
0.0	0.0	47.5°	5656.6	2986.6
0.0	0.0	50°	6920.2	3811.7
0.0	0.0	52.5°	7023.7	3805.6
0.0	0.0	55°	6411.6	3383.1
0.0	0.0	57.5°	5470.6	2827.7
0.0	0.0	60°	4547.0	2236.5
0.0	0.0	62.5°	3582.6	1544.4
0.0	0.0	65°	2618.3	1092.4
0.0	0.0	67.5°	1880.6	816.5
		70°	1236.5	625.6
		72.5°	805.4	509.9
		75°	541.9	422.4
		77.5°	316.5	280.8
		80°	112.1	98.5
		82.5°	20.9	14.8
		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: P1049045

CATALOG NUMBER: GALN-SA5A-750-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: SP1-2407-184-6

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-750-U-5WQ

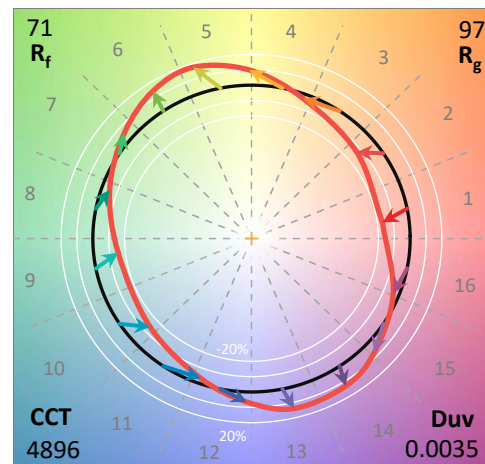
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-6
 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-750-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4896	CRI (Ra):	70.2		
CIE u':	0.2101	R1:	68.1	R9:	-35.1
CIE v':	0.4901	R2:	73.9	R10:	39.3
Duv:	0.0035	R3:	79.4	R11:	71.1
CIE x:	0.3489	R4:	72.1	R12:	43.8
CIE y:	0.3618	R5:	69.2	R13:	68.1
CIE z:	0.2893	R6:	65.7	R14:	88.4
Peak Wavelength (nm):	443	R7:	78.1	R15:	59.7
Dominant Wavelength (nm):	570	R8:	55.3		
Purity:	13.25435				
Rf:	70.7				
Rg:	96.8				



Test Conditions

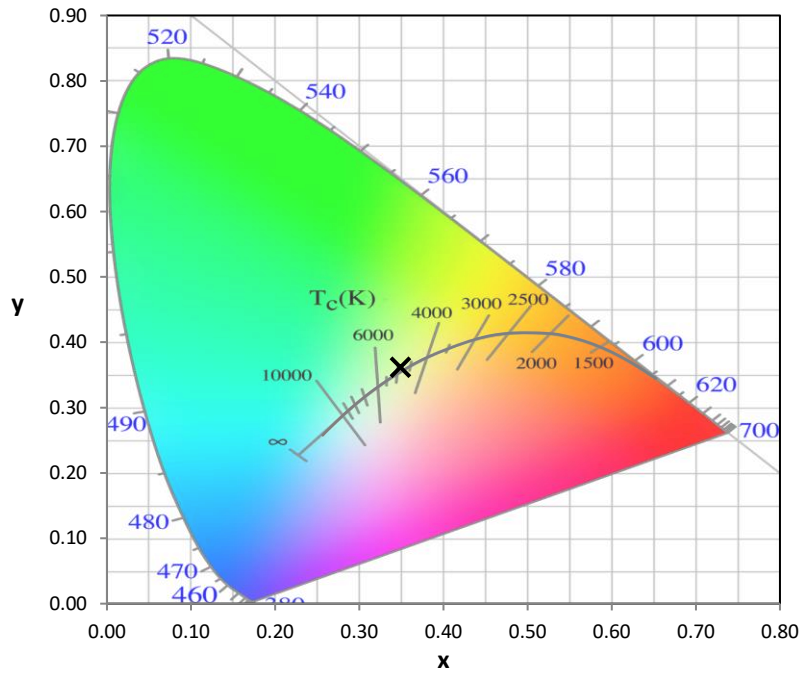
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-6

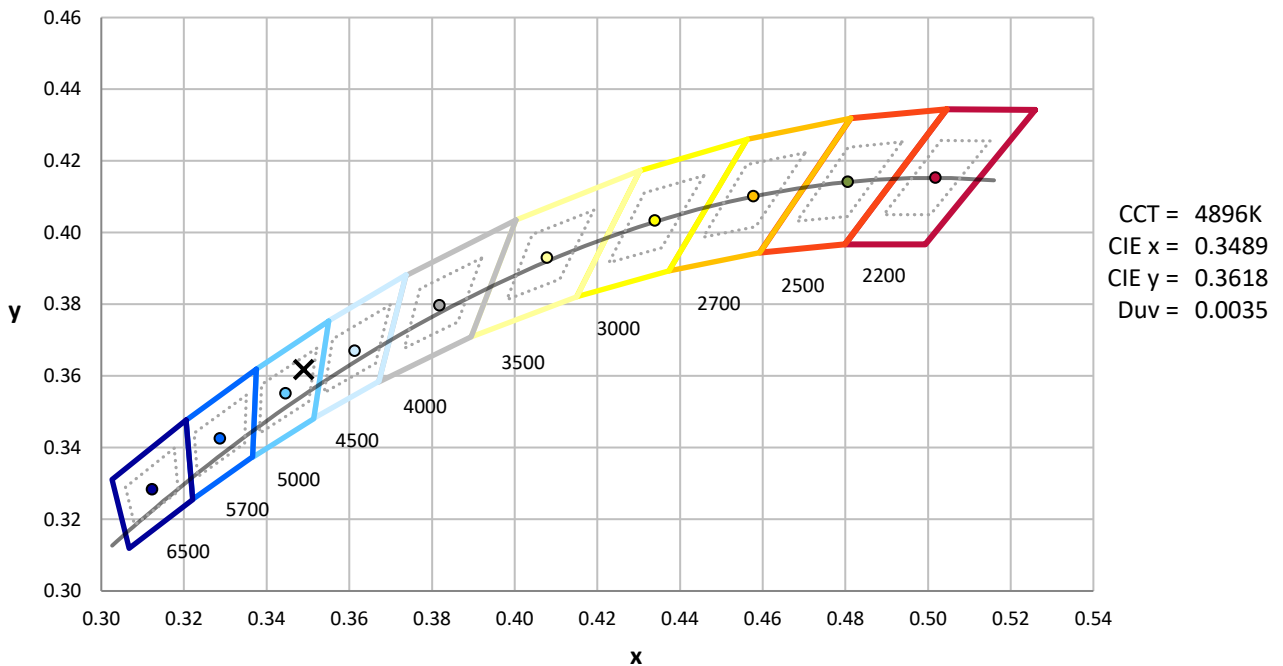
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-6

CIE 1931 Chromaticity Diagram



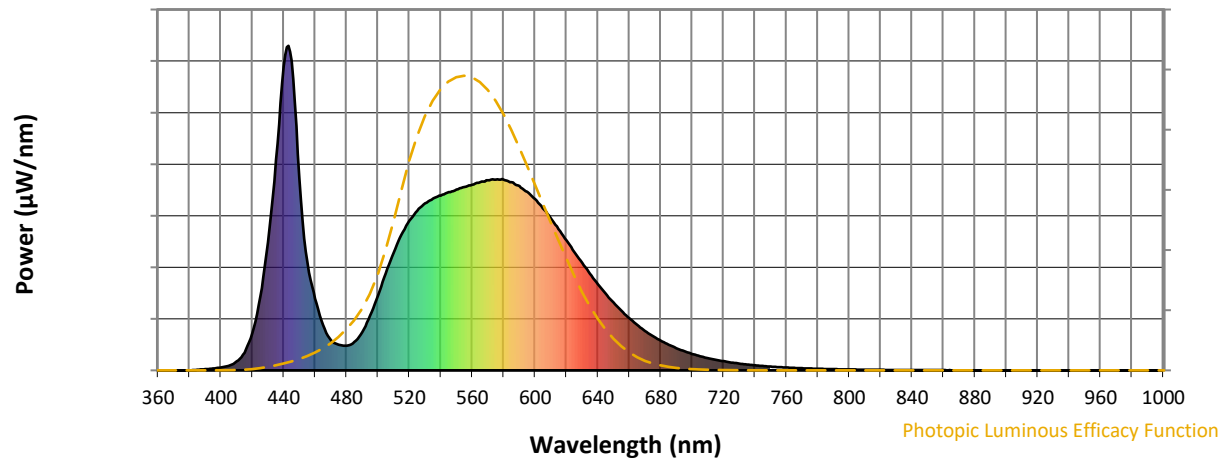
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-6

Photopic Flux vs. Wavelength

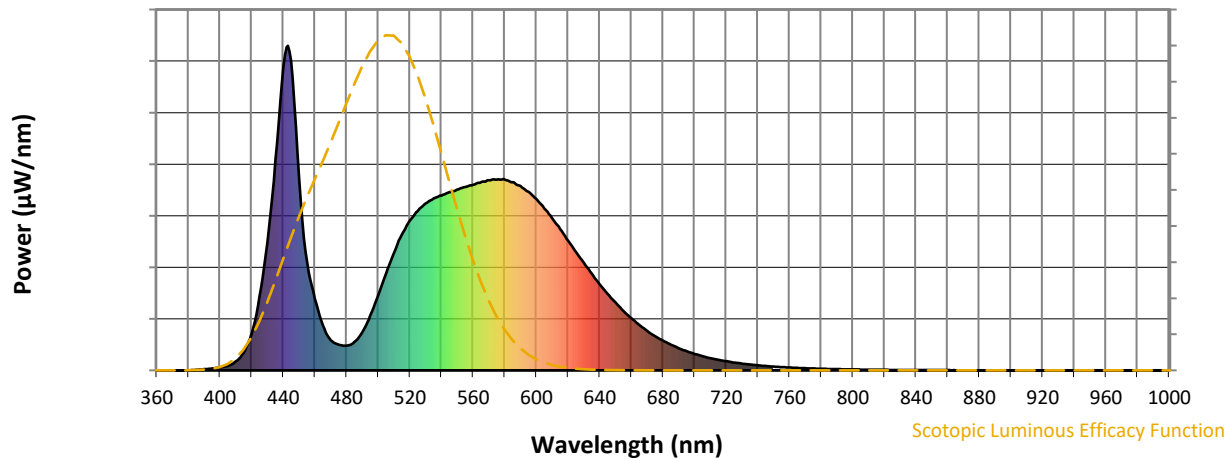


Photopic Lumens: NR

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-6

Scotopic Flux vs. Wavelength



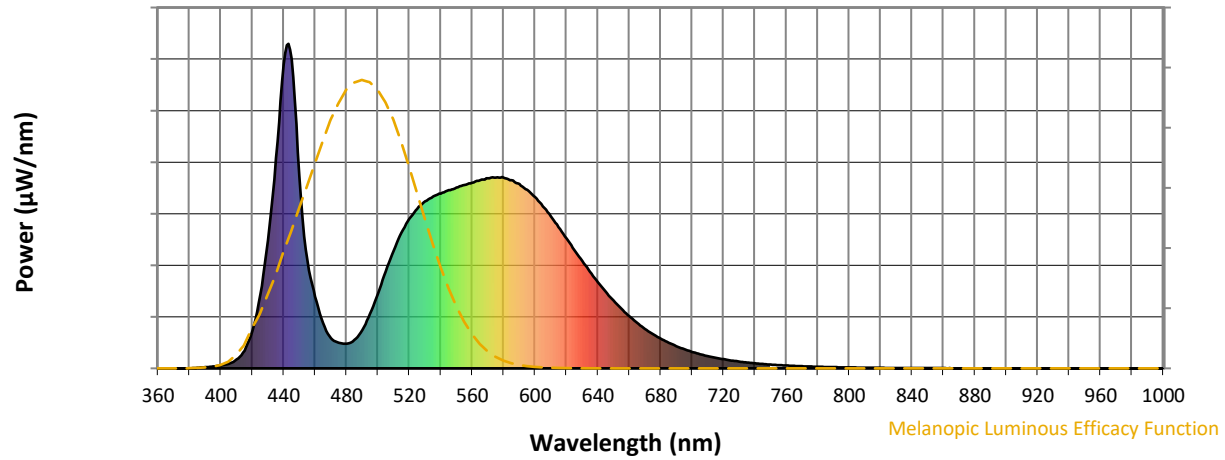
Scotopic Lumens: NR

S/P: 1.7

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-6

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 3.37

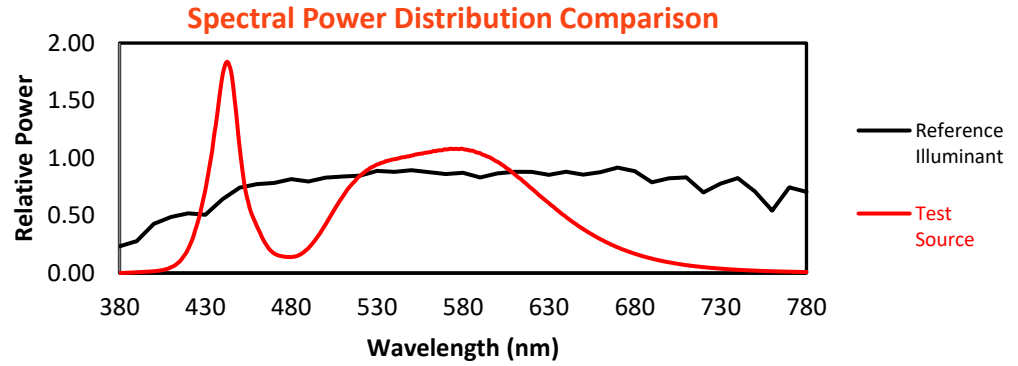
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-6

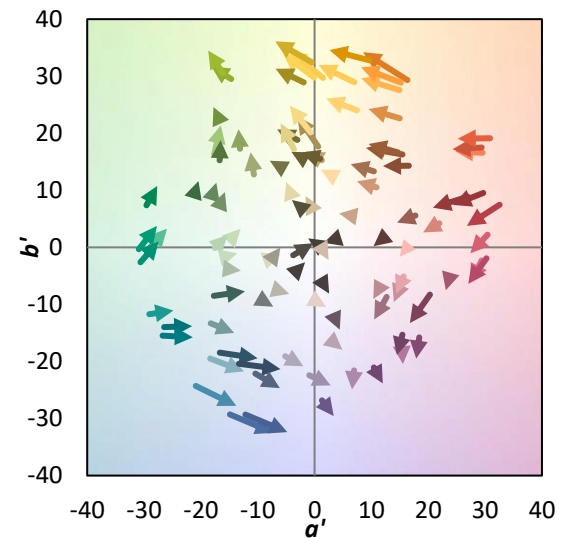
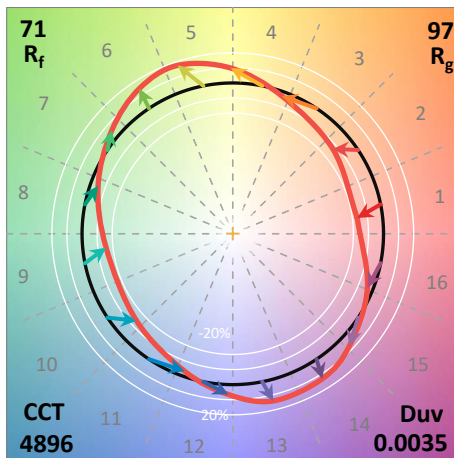
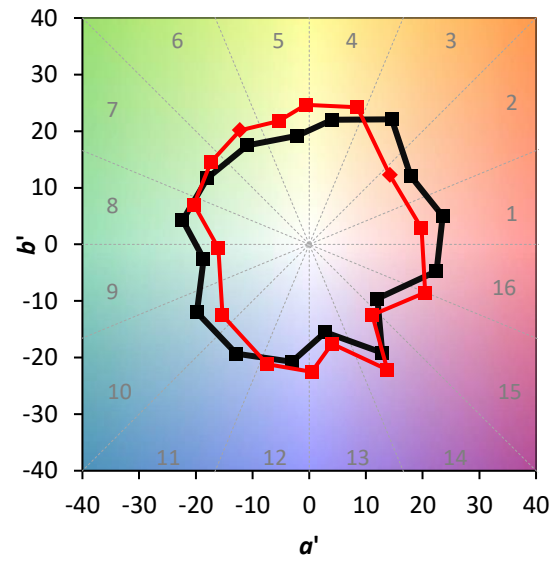
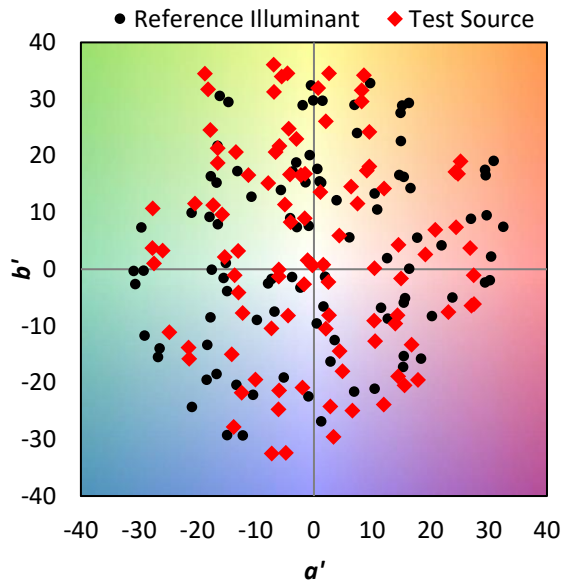
TM-30-18

Summary

$R_f = 70.7$
 $R_g = 96.8$
 CIE $R_a = 70.2$
 $R_g = -35.1$

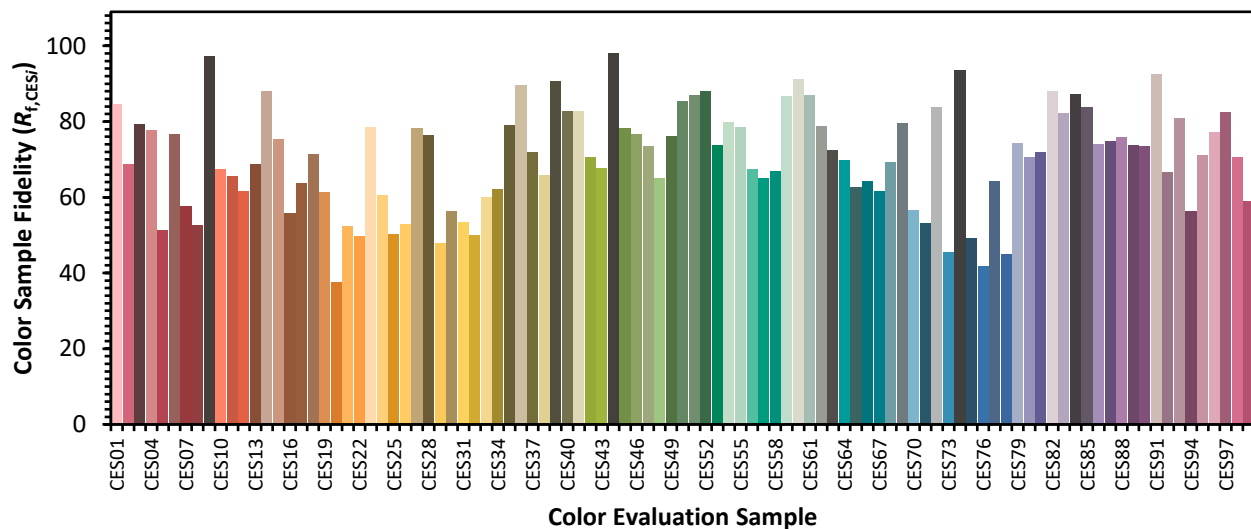


Color Vector Graphics

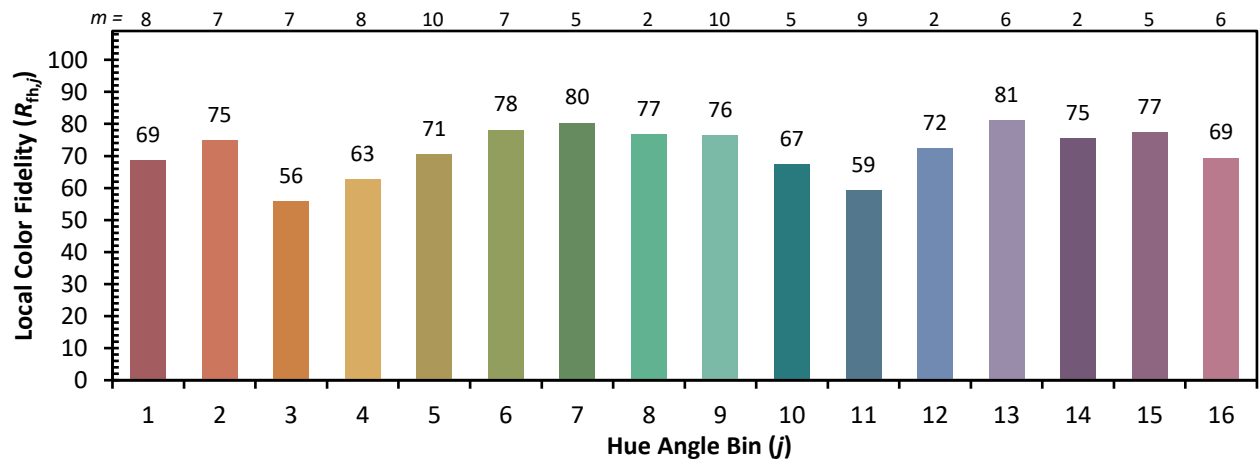
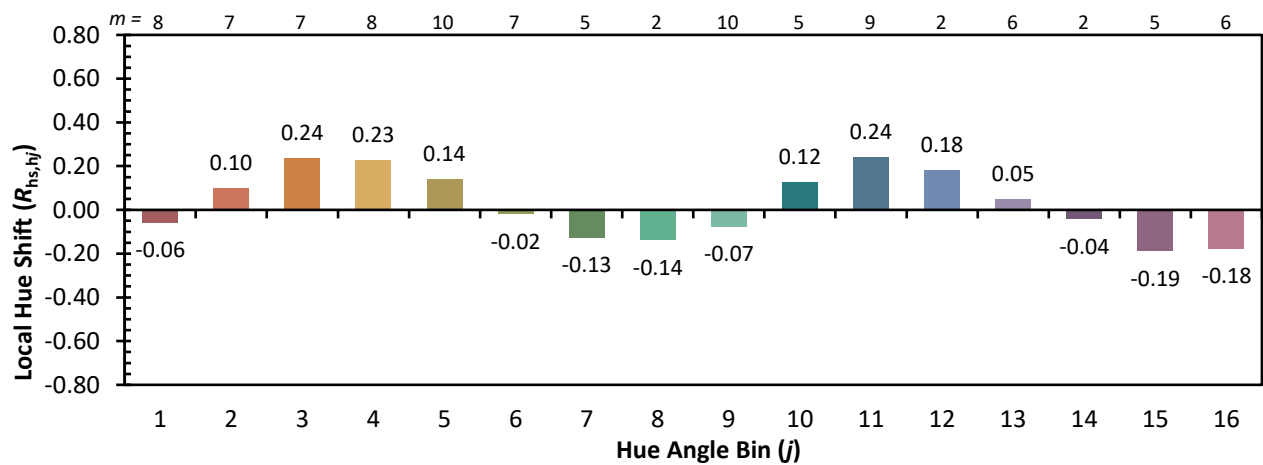
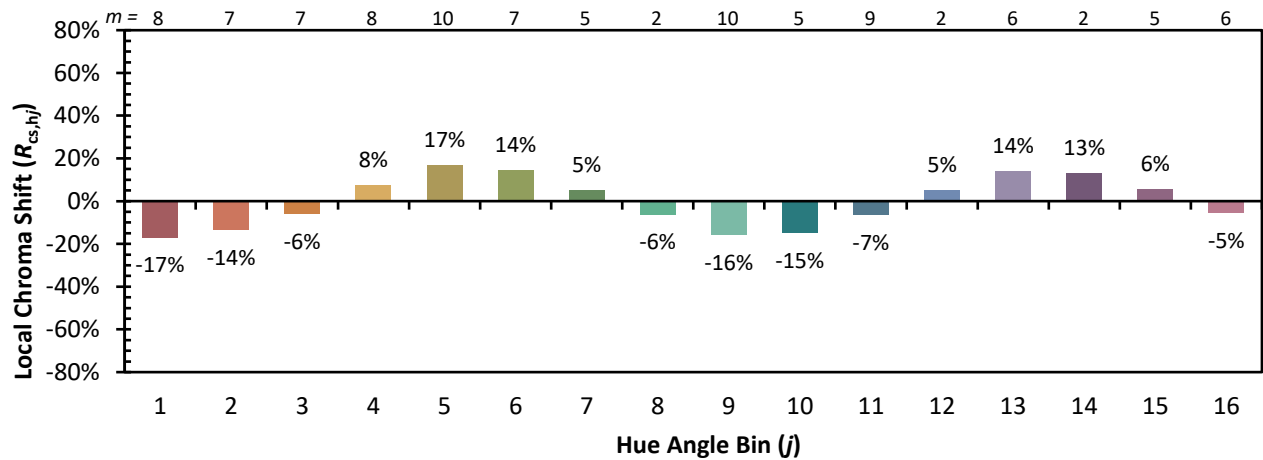


Individual Sample Fidelity Index ($R_{f,i}$)

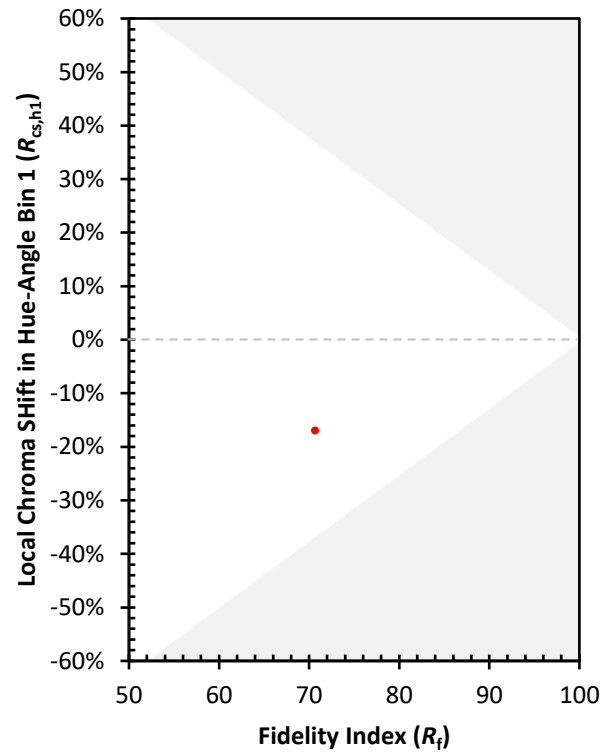
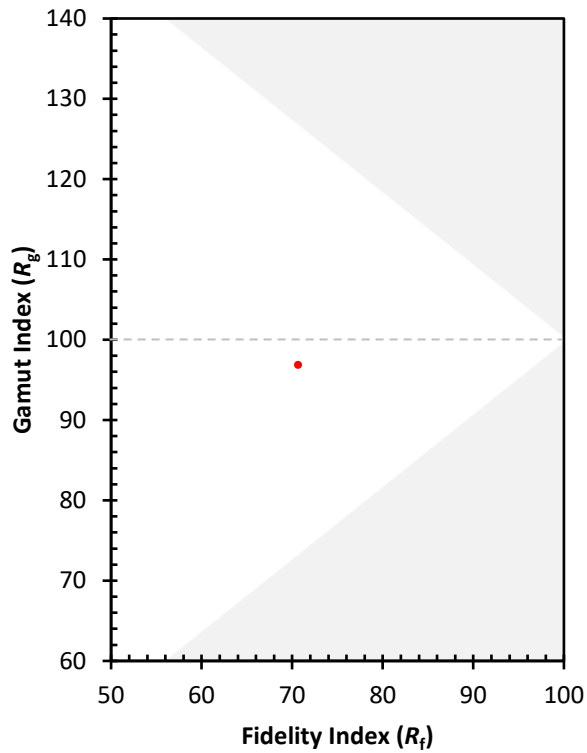
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 88
CES08 = 38	CES33 = 60	CES58 = 67	CES83 = 82
CES09 = 29	CES34 = 62	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 79	CES60 = 91	CES85 = 84
CES11 = 56	CES36 = 90	CES61 = 87	CES86 = 74
CES12 = 61	CES37 = 72	CES62 = 79	CES87 = 75
CES13 = 41	CES38 = 66	CES63 = 72	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 70	CES89 = 74
CES15 = 70	CES40 = 83	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 83	CES66 = 64	CES91 = 92
CES17 = 49	CES42 = 70	CES67 = 62	CES92 = 67
CES18 = 55	CES43 = 68	CES68 = 69	CES93 = 81
CES19 = 71	CES44 = 98	CES69 = 80	CES94 = 56
CES20 = 64	CES45 = 78	CES70 = 56	CES95 = 71
CES21 = 85	CES46 = 77	CES71 = 53	CES96 = 77
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 46	CES98 = 71
CES24 = 90	CES49 = 76	CES74 = 94	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)