

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: P1049053

Luminaire Tested: **GALN-SA7A-750-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049053
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7A-750-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 7xLight Square PACKAGE
70CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (98) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22816.2 lumens
Efficiency: N/A
Efficacy: 118.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 193.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

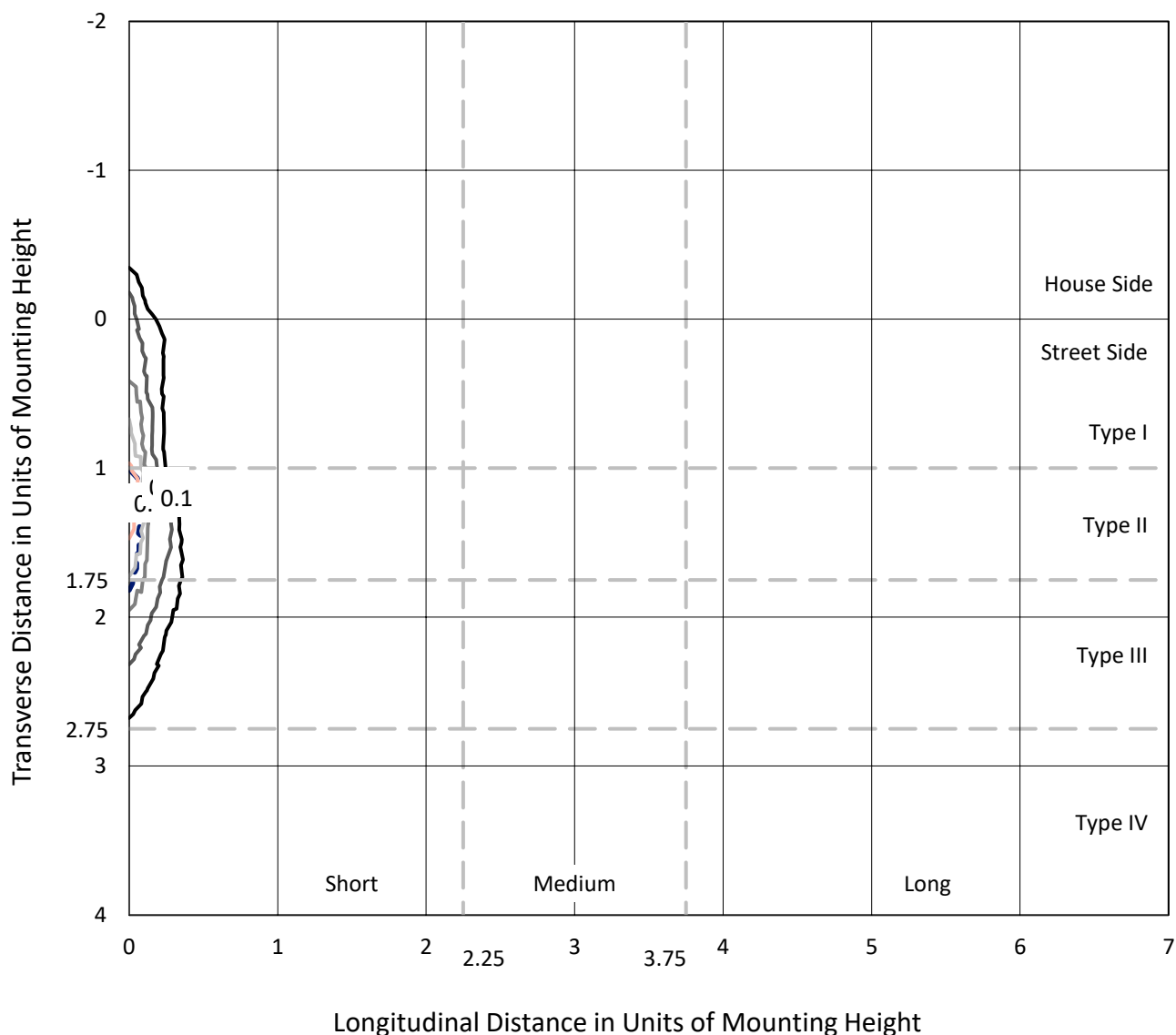
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

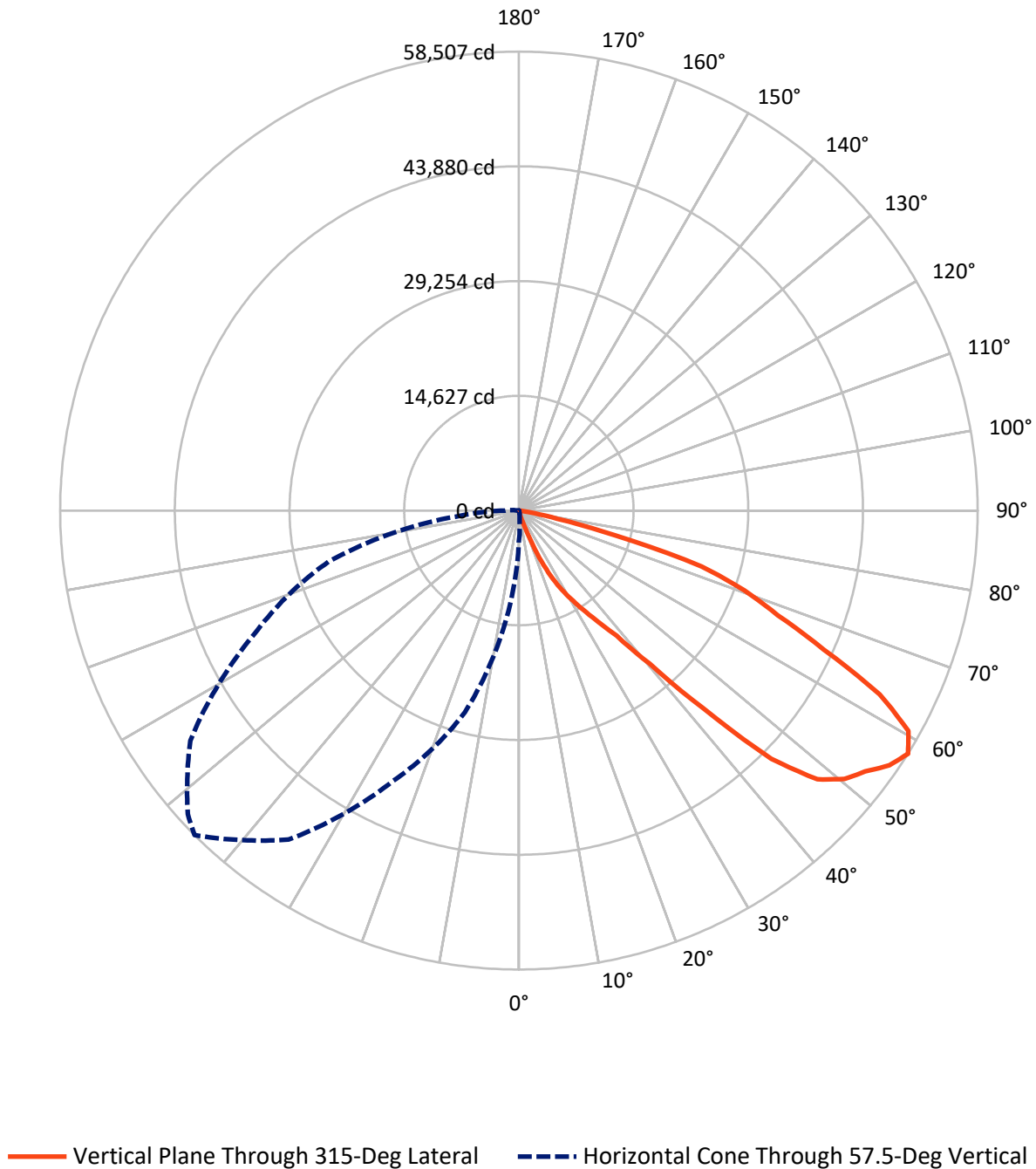


Based on 20 foot mounting height. Maximum calculated value = 3.4 fc

Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	114.3	0.0	114.3
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	22702.0	0.0	22702.0
	% Fixture	99.5	0.0	99.5
Total	Lumens	22816.2	0.0	22816.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.9	0.0
10°-20°	50.1	0.2
20°-30°	540.7	2.4
30°-40°	1599.0	7.0
40°-50°	4765.4	20.9
50°-60°	7556.2	33.1
60°-70°	6307.6	27.6
70°-80°	1945.0	8.5
80°-90°	43.3	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°	22816.2	100.0
0°-180°	22816.2	100.0



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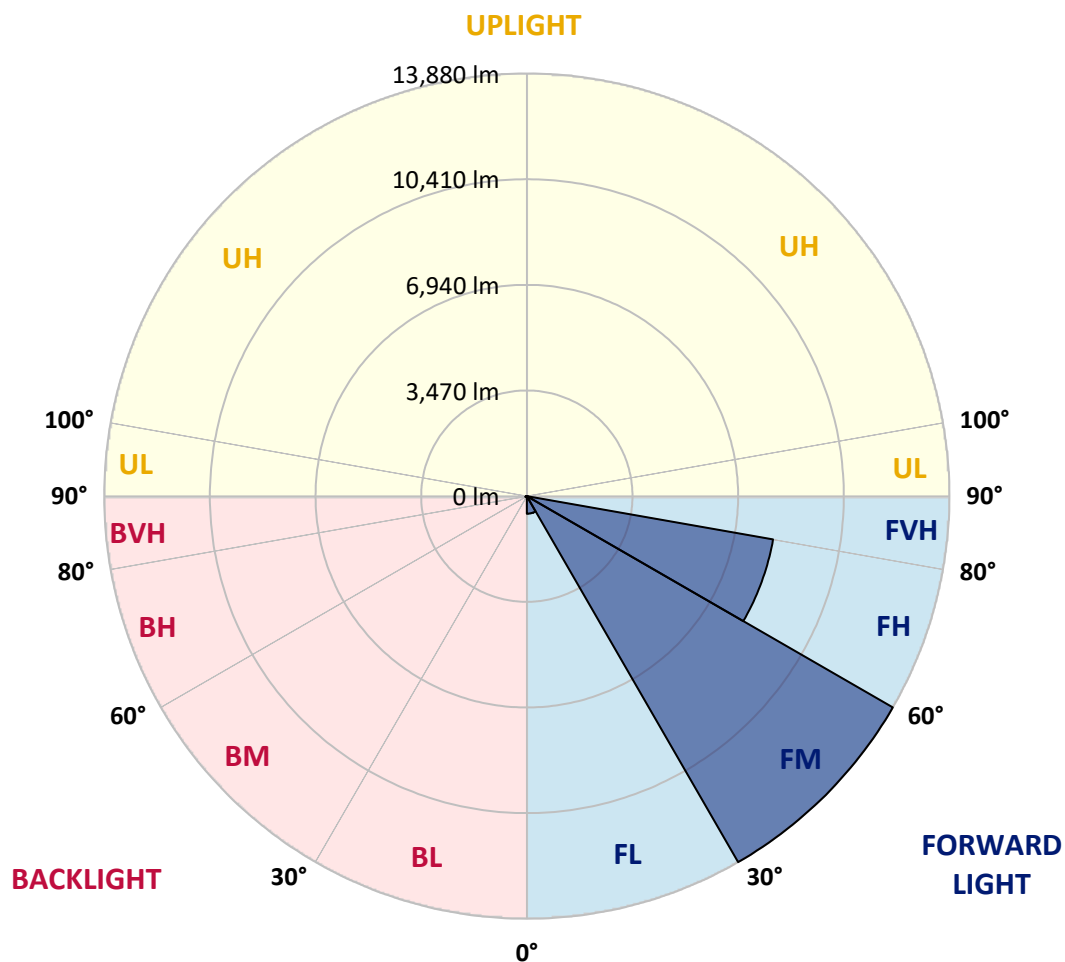
CATALOG NUMBER: GALN-SA7A-750-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	578.8	2.5			
FM	(30°-60°)	13879.7	60.8			
FH	(60°-80°)	8210.0	36.0			G4/12000
FVH	(80°-90°)	33.4	0.1			G1/100
BL	(0°-30°)	21.0	0.1	B0/110		
BM	(30°-60°)	40.8	0.2	B0/220		
BH	(60°-80°)	42.6	0.2	B0/110		G0/110
BVH	(80°-90°)	9.8	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G4

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2.5°	91.4	91.4	91.4	91.4	89.7	89.7	87.9	87.9	86.2	86.2
5°	96.6	96.6	94.8	93.1	93.1	91.4	89.7	87.9	87.9	86.2
7.5°	105.2	103.5	101.7	100.0	96.6	94.8	91.4	89.7	87.9	84.5
10°	115.5	112.1	108.6	105.2	101.7	98.3	94.8	93.1	89.7	87.9
12.5°	129.3	124.1	117.2	112.1	108.6	103.5	100.0	96.6	91.4	87.9
15°	141.4	134.5	125.9	119.0	113.8	106.9	101.7	96.6	93.1	87.9
17.5°	158.6	146.6	132.8	124.1	117.2	108.6	100.0	94.8	89.7	82.8
20°	187.9	163.8	137.9	127.6	117.2	106.9	96.6	89.7	84.5	77.6
22.5°	234.5	193.1	151.7	136.2	122.4	106.9	93.1	86.2	79.3	72.4
25°	324.1	250.0	175.9	155.2	134.5	113.8	93.1	84.5	77.6	69.0
27.5°	431.1	320.7	208.6	179.3	151.7	122.4	93.1	82.8	74.1	63.8
30°	539.7	393.1	244.8	206.9	169.0	131.0	93.1	81.0	70.7	58.6
32.5°	643.1	460.4	275.9	231.0	186.2	139.7	94.8	81.0	67.2	53.5
35°	748.3	515.5	281.0	234.5	187.9	139.7	93.1	77.6	63.8	48.3
37.5°	882.8	577.6	270.7	224.1	179.3	132.8	87.9	74.1	60.3	44.8
40°	1086.2	681.1	275.9	227.6	179.3	131.0	82.8	69.0	56.9	43.1
42.5°	1462.1	881.1	298.3	243.1	187.9	131.0	75.9	63.8	53.5	41.4
45°	2527.7	1463.8	400.0	317.3	234.5	151.7	69.0	58.6	50.0	39.7
47.5°	4181.2	2450.1	719.0	555.2	393.1	229.3	67.2	58.6	50.0	39.7
50°	5336.4	3120.8	905.2	696.6	487.9	279.3	70.7	60.3	51.7	41.4
52.5°	5327.8	3169.1	1008.7	774.2	541.4	306.9	74.1	63.8	55.2	44.8
55°	4736.4	2882.9	1027.6	789.7	553.5	315.5	79.3	69.0	58.6	48.3
57.5°	3958.8	2448.4	938.0	725.9	515.5	303.5	91.4	79.3	69.0	56.9
60°	3131.1	1931.1	731.1	577.6	425.9	272.4	120.7	105.2	91.4	75.9
62.5°	2162.1	1400.1	638.0	512.1	387.9	262.1	137.9	122.4	108.6	93.1
65°	1529.4	1053.5	575.9	469.0	363.8	256.9	150.0	132.8	117.2	100.0
67.5°	1143.1	838.0	531.1	439.7	348.3	256.9	165.5	144.8	125.9	105.2
70°	875.9	688.0	498.3	424.2	351.7	277.6	203.5	174.1	146.6	117.2
72.5°	713.8	588.0	460.4	406.9	353.5	300.0	246.6	208.6	170.7	131.0
75°	591.4	503.5	415.5	370.7	327.6	282.8	237.9	203.5	170.7	136.2
77.5°	393.1	358.6	322.4	296.6	270.7	243.1	217.2	187.9	160.4	131.0
80°	137.9	132.8	127.6	137.9	148.3	158.6	169.0	148.3	129.3	108.6
82.5°	20.7	19.0	17.2	19.0	20.7	22.4	24.1	25.9	27.6	29.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA7A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

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CATALOG NUMBER: GALN-SA7A-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°	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	2.5°	84.5	84.5	82.8	82.8	82.8	81.0	81.0	79.3	79.3	79.3
0.0	5°	82.8	82.8	81.0	79.3	77.6	77.6	75.9	74.1	74.1	72.4
0.0	7.5°	81.0	79.3	77.6	75.9	74.1	72.4	70.7	69.0	69.0	67.2
0.0	10°	82.8	79.3	77.6	74.1	72.4	70.7	67.2	65.5	63.8	63.8
0.0	12.5°	79.3	77.6	74.1	70.7	69.0	65.5	63.8	60.3	58.6	58.6
0.0	15°	79.3	75.9	70.7	67.2	63.8	62.1	58.6	55.2	53.5	51.7
0.0	17.5°	74.1	70.7	65.5	62.1	58.6	55.2	51.7	48.3	46.6	44.8
0.0	20°	67.2	63.8	58.6	53.5	50.0	46.6	43.1	39.7	37.9	36.2
0.0	22.5°	60.3	56.9	51.7	46.6	43.1	39.7	34.5	31.0	29.3	25.9
0.0	25°	56.9	51.7	46.6	41.4	36.2	32.8	27.6	22.4	19.0	15.5
0.0	27.5°	48.3	43.1	37.9	32.8	27.6	22.4	17.2	12.1	8.6	6.9
0.0	30°	41.4	36.2	31.0	25.9	19.0	13.8	8.6	1.7	1.7	1.7
0.0	32.5°	34.5	29.3	22.4	17.2	13.8	8.6	5.2	0.0	0.0	0.0
0.0	35°	27.6	22.4	15.5	10.3	8.6	5.2	3.4	0.0	0.0	0.0
0.0	37.5°	24.1	19.0	12.1	5.2	3.4	3.4	1.7	0.0	0.0	0.0
0.0	40°	22.4	15.5	8.6	1.7	1.7	1.7	0.0	0.0	0.0	0.0
0.0	42.5°	22.4	15.5	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	22.4	15.5	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	22.4	15.5	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	24.1	17.2	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	27.6	20.7	13.8	6.9	5.2	3.4	1.7	0.0	0.0	0.0
0.0	55°	34.5	31.0	25.9	22.4	17.2	12.1	5.2	0.0	0.0	0.0
0.0	57.5°	44.8	44.8	43.1	41.4	31.0	20.7	10.3	0.0	0.0	0.0
0.0	60°	60.3	60.3	60.3	60.3	44.8	31.0	15.5	0.0	0.0	0.0
0.0	62.5°	74.1	70.7	65.5	62.1	46.6	31.0	15.5	0.0	0.0	0.0
0.0	65°	74.1	67.2	58.6	50.0	37.9	25.9	12.1	0.0	0.0	0.0
0.0	67.5°	69.0	55.2	39.7	25.9	19.0	13.8	6.9	0.0	0.0	0.0
	70°	69.0	48.3	27.6	6.9	5.2	3.4	1.7	0.0	0.0	0.0
	72.5°	69.0	46.6	22.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	75.9	51.7	25.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	75.9	51.7	25.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	67.2	44.8	22.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	22.4	15.5	6.9	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

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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	2.5°	77.6	77.6	77.6	75.9	75.9	75.9	75.9	74.1	74.1	74.1
0.0	5°	70.7	70.7	69.0	69.0	67.2	67.2	65.5	65.5	63.8	63.8
0.0	7.5°	65.5	63.8	63.8	62.1	60.3	60.3	58.6	58.6	56.9	55.2
0.0	10°	60.3	58.6	58.6	56.9	55.2	53.5	53.5	51.7	50.0	48.3
0.0	12.5°	55.2	53.5	51.7	50.0	48.3	46.6	46.6	44.8	43.1	41.4
0.0	15°	48.3	46.6	44.8	43.1	41.4	39.7	39.7	37.9	36.2	34.5
0.0	17.5°	41.4	39.7	39.7	37.9	36.2	34.5	32.8	29.3	27.6	25.9
0.0	20°	31.0	29.3	27.6	25.9	24.1	20.7	19.0	15.5	12.1	10.3
0.0	22.5°	20.7	17.2	15.5	12.1	8.6	6.9	5.2	1.7	0.0	0.0
0.0	25°	6.9	5.2	3.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA7A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049053

CATALOG NUMBER: GALN-SA7A-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°	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	2.5°	72.4	72.4	72.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7
0.0	5°	62.1	62.1	62.1	60.3	60.3	58.6	58.6	58.6	56.9	56.9
0.0	7.5°	53.5	51.7	51.7	50.0	50.0	48.3	48.3	48.3	46.6	46.6
0.0	10°	44.8	43.1	43.1	41.4	41.4	39.7	39.7	37.9	37.9	36.2
0.0	12.5°	39.7	37.9	36.2	34.5	34.5	32.8	31.0	31.0	29.3	27.6
0.0	15°	31.0	29.3	27.6	25.9	24.1	22.4	20.7	20.7	19.0	17.2
0.0	17.5°	20.7	17.2	15.5	13.8	13.8	12.1	10.3	8.6	6.9	5.2
0.0	20°	5.2	3.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049053

CATALOG NUMBER: GALN-SA7A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049053

CATALOG NUMBER: GALN-SA7A-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°	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	2.5°	70.7	69.0	69.0	69.0	70.7	70.7	70.7	70.7	70.7	70.7
0.0	5°	56.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
0.0	7.5°	46.6	44.8	44.8	44.8	44.8	43.1	43.1	43.1	43.1	43.1
0.0	10°	36.2	34.5	34.5	34.5	34.5	32.8	32.8	32.8	32.8	32.8
0.0	12.5°	25.9	25.9	24.1	24.1	24.1	22.4	22.4	22.4	22.4	20.7
0.0	15°	15.5	13.8	12.1	12.1	12.1	10.3	10.3	10.3	10.3	8.6
0.0	17.5°	3.4	3.4	1.7	1.7	1.7	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA7A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049053

CATALOG NUMBER: GALN-SA7A-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°	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	2.5°	72.4	72.4	74.1	74.1	75.9	79.3	81.0	82.8	86.2	89.7
0.0	5°	56.9	58.6	58.6	60.3	62.1	63.8	65.5	67.2	70.7	74.1
0.0	7.5°	44.8	44.8	46.6	46.6	48.3	51.7	53.5	55.2	58.6	63.8
0.0	10°	34.5	34.5	36.2	36.2	37.9	41.4	43.1	44.8	48.3	53.5
0.0	12.5°	22.4	24.1	24.1	25.9	27.6	31.0	32.8	34.5	37.9	41.4
0.0	15°	10.3	12.1	12.1	13.8	15.5	19.0	20.7	22.4	25.9	31.0
0.0	17.5°	1.7	1.7	3.4	3.4	5.2	6.9	8.6	10.3	15.5	19.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	6.9
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049053

CATALOG NUMBER: GALN-SA7A-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°	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	2.5°	94.8	98.3	101.7	105.2	108.6	112.1	113.8	117.2	119.0	120.7
0.0	5°	81.0	84.5	89.7	93.1	96.6	100.0	103.5	105.2	106.9	108.6
0.0	7.5°	70.7	74.1	79.3	82.8	86.2	89.7	93.1	96.6	98.3	100.0
0.0	10°	60.3	65.5	69.0	74.1	77.6	81.0	84.5	87.9	91.4	93.1
0.0	12.5°	48.3	53.5	58.6	62.1	67.2	72.4	75.9	79.3	82.8	86.2
0.0	15°	37.9	43.1	48.3	51.7	56.9	62.1	67.2	70.7	74.1	77.6
0.0	17.5°	27.6	32.8	37.9	41.4	46.6	51.7	55.2	60.3	63.8	67.2
0.0	20°	13.8	19.0	24.1	29.3	34.5	39.7	43.1	48.3	51.7	55.2
0.0	22.5°	1.7	6.9	12.1	15.5	20.7	25.9	29.3	34.5	37.9	41.4
0.0	25°	0.0	1.7	5.2	6.9	8.6	12.1	15.5	19.0	22.4	25.9
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.7	3.4	6.9	10.3	13.8
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.7	3.4
	85°	0.0	0.0	0.0	0.0	0.0	3.4	5.2	8.6	10.3	12.1
	87.5°	0.0	1.7	3.4	5.2	6.9	10.3	13.8	17.2	19.0	20.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049053

CATALOG NUMBER: GALN-SA7A-750-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
100.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.2	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											
1.7											
6.9											
15.5											
22.4											
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REPORT NUMBER: P1049053

CATALOG NUMBER: GALN-SA7A-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°	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	2.5°	122.4	122.4	122.4	122.4	120.7	120.7	120.7	119.0	119.0	117.2
0.0	5°	112.1	113.8	113.8	113.8	113.8	113.8	113.8	113.8	112.1	112.1
0.0	7.5°	103.5	105.2	106.9	106.9	108.6	108.6	108.6	106.9	106.9	105.2
0.0	10°	98.3	100.0	100.0	101.7	101.7	101.7	101.7	101.7	101.7	101.7
0.0	12.5°	91.4	93.1	94.8	94.8	96.6	96.6	96.6	96.6	94.8	94.8
0.0	15°	82.8	86.2	87.9	89.7	89.7	91.4	91.4	91.4	91.4	91.4
0.0	17.5°	75.9	79.3	81.0	82.8	82.8	84.5	84.5	86.2	86.2	86.2
0.0	20°	62.1	65.5	67.2	70.7	72.4	74.1	75.9	77.6	77.6	79.3
0.0	22.5°	48.3	51.7	53.5	56.9	58.6	60.3	62.1	63.8	65.5	67.2
0.0	25°	34.5	37.9	39.7	43.1	44.8	46.6	48.3	50.0	50.0	51.7
0.0	27.5°	19.0	22.4	25.9	27.6	31.0	32.8	34.5	36.2	37.9	39.7
0.0	30°	8.6	10.3	12.1	15.5	17.2	19.0	20.7	24.1	25.9	27.6
0.0	32.5°	0.0	0.0	1.7	5.2	6.9	8.6	10.3	12.1	12.1	13.8
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.7	3.4	5.2	6.9
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°	3.4	3.4	3.4	5.2	5.2	5.2	5.2	5.2	5.2	5.2
	82.5°	8.6	10.3	12.1	12.1	13.8	13.8	13.8	13.8	12.1	12.1
	85°	17.2	19.0	20.7	20.7	22.4	22.4	22.4	22.4	22.4	22.4
	87.5°	24.1	25.9	27.6	27.6	29.3	29.3	29.3	29.3	29.3	29.3
	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: P1049053

CATALOG NUMBER: GALN-SA7A-750-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
100.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	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											
5.2											
12.1											
22.4											
29.3											
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REPORT NUMBER: P1049053

CATALOG NUMBER: GALN-SA7A-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°	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	2.5°	115.5	115.5	113.8	113.8	113.8	113.8	113.8	115.5	117.2	117.2
0.0	5°	110.3	110.3	108.6	108.6	108.6	110.3	110.3	112.1	113.8	115.5
0.0	7.5°	105.2	103.5	103.5	105.2	105.2	106.9	106.9	108.6	110.3	112.1
0.0	10°	101.7	100.0	100.0	100.0	101.7	101.7	103.5	105.2	106.9	108.6
0.0	12.5°	94.8	94.8	94.8	94.8	96.6	96.6	98.3	100.0	103.5	105.2
0.0	15°	91.4	89.7	89.7	89.7	89.7	91.4	91.4	94.8	98.3	100.0
0.0	17.5°	84.5	84.5	82.8	82.8	84.5	84.5	86.2	89.7	93.1	94.8
0.0	20°	77.6	75.9	74.1	74.1	75.9	75.9	77.6	81.0	84.5	86.2
0.0	22.5°	67.2	65.5	65.5	65.5	65.5	67.2	67.2	70.7	75.9	79.3
0.0	25°	53.5	55.2	55.2	56.9	56.9	58.6	60.3	63.8	69.0	72.4
0.0	27.5°	41.4	43.1	43.1	46.6	48.3	50.0	51.7	56.9	62.1	65.5
0.0	30°	31.0	32.8	34.5	36.2	39.7	43.1	46.6	51.7	56.9	60.3
0.0	32.5°	19.0	22.4	24.1	27.6	31.0	34.5	37.9	43.1	50.0	55.2
0.0	35°	13.8	15.5	19.0	20.7	24.1	27.6	31.0	37.9	43.1	50.0
0.0	37.5°	6.9	10.3	13.8	17.2	20.7	24.1	27.6	34.5	41.4	46.6
0.0	40°	5.2	8.6	10.3	13.8	19.0	22.4	25.9	32.8	39.7	46.6
0.0	42.5°	3.4	5.2	6.9	12.1	15.5	20.7	25.9	32.8	39.7	46.6
0.0	45°	3.4	3.4	5.2	10.3	15.5	22.4	27.6	34.5	39.7	46.6
0.0	47.5°	3.4	5.2	6.9	13.8	17.2	22.4	27.6	32.8	39.7	44.8
0.0	50°	5.2	6.9	8.6	15.5	19.0	24.1	27.6	34.5	39.7	46.6
0.0	52.5°	3.4	5.2	6.9	13.8	19.0	25.9	31.0	37.9	44.8	50.0
0.0	55°	1.7	1.7	1.7	10.3	20.7	29.3	39.7	44.8	51.7	56.9
0.0	57.5°	0.0	0.0	0.0	6.9	20.7	32.8	44.8	51.7	58.6	63.8
0.0	60°	0.0	0.0	0.0	6.9	20.7	32.8	44.8	53.5	62.1	70.7
0.0	62.5°	0.0	0.0	0.0	6.9	17.2	27.6	37.9	51.7	67.2	81.0
0.0	65°	0.0	0.0	0.0	5.2	13.8	22.4	31.0	51.7	72.4	91.4
0.0	67.5°	0.0	0.0	0.0	5.2	13.8	20.7	29.3	51.7	72.4	94.8
	70°	0.0	0.0	0.0	5.2	13.8	22.4	31.0	51.7	72.4	93.1
	72.5°	0.0	0.0	0.0	5.2	15.5	24.1	34.5	51.7	69.0	86.2
	75°	0.0	0.0	0.0	6.9	15.5	25.9	36.2	51.7	67.2	81.0
	77.5°	0.0	0.0	0.0	5.2	15.5	24.1	34.5	50.0	65.5	79.3
	80°	5.2	3.4	3.4	8.6	15.5	22.4	29.3	44.8	62.1	77.6
	82.5°	10.3	10.3	8.6	12.1	15.5	20.7	25.9	39.7	55.2	69.0
	85°	20.7	20.7	19.0	20.7	20.7	22.4	24.1	31.0	37.9	44.8
	87.5°	27.6	27.6	25.9	25.9	25.9	24.1	24.1	24.1	24.1	22.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
100.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.8											
103.5											
96.6											
94.8											
93.1											
82.8											
51.7											
22.4											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1049053

CATALOG NUMBER: GALN-SA7A-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°	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	2.5°	120.7	122.4	122.4	124.1	125.9	127.6	127.6	129.3	129.3	129.3
0.0	5°	119.0	122.4	124.1	125.9	127.6	129.3	131.0	132.8	134.5	134.5
0.0	7.5°	117.2	119.0	122.4	124.1	127.6	129.3	132.8	134.5	136.2	137.9
0.0	10°	113.8	117.2	120.7	124.1	127.6	131.0	134.5	137.9	141.4	143.1
0.0	12.5°	110.3	115.5	119.0	122.4	127.6	132.8	136.2	141.4	144.8	148.3
0.0	15°	108.6	112.1	117.2	120.7	127.6	134.5	139.7	146.6	153.5	158.6
0.0	17.5°	103.5	110.3	115.5	120.7	127.6	136.2	143.1	150.0	160.4	170.7
0.0	20°	96.6	101.7	108.6	113.8	124.1	132.8	143.1	151.7	167.2	182.8
0.0	22.5°	89.7	96.6	101.7	108.6	120.7	131.0	143.1	153.5	179.3	203.5
0.0	25°	82.8	91.4	98.3	105.2	119.0	132.8	146.6	160.4	203.5	246.6
0.0	27.5°	79.3	86.2	94.8	101.7	119.0	137.9	155.2	172.4	241.4	308.6
0.0	30°	74.1	82.8	89.7	98.3	120.7	143.1	165.5	187.9	293.1	398.3
0.0	32.5°	69.0	77.6	86.2	94.8	124.1	153.5	181.0	210.4	348.3	484.5
0.0	35°	63.8	74.1	82.8	91.4	129.3	169.0	206.9	244.8	398.3	550.0
0.0	37.5°	62.1	72.4	81.0	89.7	131.0	170.7	212.1	251.7	403.5	555.2
0.0	40°	63.8	72.4	82.8	91.4	125.9	160.4	193.1	227.6	386.2	543.1
0.0	42.5°	63.8	74.1	84.5	94.8	122.4	150.0	177.6	205.2	381.0	556.9
0.0	45°	62.1	72.4	82.8	93.1	119.0	143.1	169.0	193.1	412.1	629.3
0.0	47.5°	60.3	70.7	81.0	91.4	117.2	143.1	169.0	194.8	532.8	869.0
0.0	50°	60.3	70.7	79.3	87.9	119.0	151.7	182.8	213.8	775.9	1336.3
0.0	52.5°	63.8	72.4	79.3	86.2	122.4	160.4	196.6	232.8	986.2	1738.0
0.0	55°	69.0	74.1	81.0	86.2	131.0	174.1	219.0	262.1	1050.0	1838.0
0.0	57.5°	75.9	81.0	86.2	91.4	146.6	201.7	255.2	310.4	1055.2	1798.3
0.0	60°	84.5	91.4	96.6	101.7	160.4	220.7	279.3	337.9	955.2	1570.7
0.0	62.5°	103.5	112.1	119.0	127.6	184.5	239.7	296.6	351.7	793.1	1234.5
0.0	65°	119.0	125.9	132.8	139.7	194.8	251.7	306.9	362.1	672.4	982.8
0.0	67.5°	122.4	129.3	134.5	141.4	198.3	255.2	310.4	367.3	575.9	782.8
	70°	124.1	132.8	143.1	151.7	210.4	269.0	325.9	384.5	510.4	636.2
	72.5°	119.0	136.2	151.7	167.2	222.4	275.9	331.0	384.5	474.2	563.8
	75°	119.0	143.1	165.5	187.9	229.3	269.0	310.4	350.0	419.0	487.9
	77.5°	125.9	156.9	187.9	219.0	243.1	265.5	289.7	312.1	356.9	401.7
	80°	125.9	158.6	189.7	222.4	232.8	244.8	255.2	265.5	270.7	275.9
	82.5°	108.6	134.5	160.4	186.2	174.1	162.1	150.0	137.9	129.3	119.0
	85°	55.2	60.3	63.8	67.2	62.1	56.9	51.7	46.6	43.1	37.9
	87.5°	22.4	22.4	20.7	20.7	20.7	20.7	19.0	19.0	19.0	19.0
	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: P1049053

CATALOG NUMBER: GALN-SA7A-750-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
100.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
184.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
212.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
270.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
367.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
510.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
691.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
863.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
981.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1069.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1156.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1329.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1674.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2551.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3908.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4920.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5032.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4541.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3882.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3034.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2293.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1693.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1198.3											
891.4											
648.3											
487.9											
274.1											
124.1											
36.2											
17.2											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1049053

CATALOG NUMBER: GALN-SA7A-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°	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	2.5°	129.3	127.6	127.6	125.9	124.1	122.4	120.7	119.0	117.2	115.5
0.0	5°	134.5	134.5	134.5	132.8	132.8	131.0	131.0	129.3	127.6	125.9
0.0	7.5°	139.7	141.4	141.4	143.1	143.1	143.1	143.1	141.4	141.4	141.4
0.0	10°	148.3	150.0	151.7	153.5	155.2	156.9	156.9	158.6	158.6	158.6
0.0	12.5°	158.6	163.8	167.2	172.4	175.9	181.0	184.5	189.7	193.1	196.6
0.0	15°	174.1	182.8	193.1	201.7	210.4	222.4	236.2	248.3	260.4	279.3
0.0	17.5°	196.6	224.1	251.7	277.6	305.2	365.5	425.9	484.5	544.8	632.8
0.0	20°	239.7	322.4	403.5	486.2	567.3	779.3	989.7	1201.8	1412.1	1638.0
0.0	22.5°	336.2	539.7	743.1	946.6	1150.0	1593.2	2034.6	2477.7	2919.1	3438.1
0.0	25°	487.9	862.1	1236.3	1608.7	1982.8	2676.0	3370.8	4063.9	4757.1	5431.2
0.0	27.5°	710.4	1282.8	1855.2	2426.0	2998.4	3938.1	4879.5	5819.2	6758.9	7521.0
0.0	30°	984.5	1760.4	2536.3	3312.2	4088.1	5157.1	6226.1	7293.4	8362.4	9195.2
0.0	32.5°	1243.1	2193.2	3143.2	4091.5	5041.6	6258.8	7477.9	8695.1	9912.4	10822.8
0.0	35°	1412.1	2560.4	3710.5	4858.8	6007.1	7324.4	8641.7	9957.3	11274.5	12314.2
0.0	37.5°	1581.1	2907.0	4231.2	5557.1	6881.3	8327.9	9774.5	11221.1	12667.7	13952.2
0.0	40°	1770.8	3326.0	4879.5	6434.7	7988.2	9702.1	11414.2	13128.1	14840.2	16652.3
0.0	42.5°	2100.1	4020.8	5943.3	7864.1	9784.8	12052.2	14319.5	16585.1	18852.4	21438.7
0.0	45°	2719.1	5426.1	8134.8	10841.8	13548.8	16552.3	19557.6	22561.2	25564.7	29006.2
0.0	47.5°	4234.6	7958.9	11681.5	15405.7	19128.3	22371.5	25613.0	28856.2	32097.7	35525.4
0.0	50°	6479.5	10814.2	15148.8	19481.7	23816.4	26751.0	29683.8	32618.4	35551.3	38811.8
0.0	52.5°	8103.7	12619.4	17136.8	21652.5	26168.2	28816.6	31466.7	34115.0	36763.4	39810.1
0.0	55°	8226.2	12716.0	17207.5	21697.3	26187.2	28847.6	31508.0	34168.5	36828.9	40058.4
0.0	57.5°	7283.0	11736.6	16188.5	20642.1	25094.0	28123.4	31151.1	34180.6	37208.2	40699.8
0.0	60°	6195.1	10650.4	15104.0	19559.3	24012.9	27502.7	30994.2	34484.0	37973.8	41244.6
0.0	62.5°	4832.9	9415.9	14000.5	18583.4	23166.4	26709.6	30252.8	33794.3	37337.6	39791.1
0.0	65°	3601.9	8052.0	12502.2	16950.6	21400.8	24238.8	27076.8	29913.2	32751.2	34270.2
0.0	67.5°	2603.5	6441.6	10278.0	14116.0	17952.4	19983.5	22014.6	24044.0	26075.1	27237.2
	70°	1760.4	4419.1	7076.1	9734.8	12391.8	14060.9	15731.6	17400.6	19069.7	20638.7
	72.5°	1219.0	2712.2	4207.0	5700.2	7193.4	8872.7	10550.4	12229.8	13907.4	15567.8
	75°	808.7	1488.0	2169.0	2848.4	3527.7	4770.9	6015.7	7258.9	8502.0	9491.7
	77.5°	574.2	777.6	982.8	1186.2	1389.7	1622.5	1857.0	2089.7	2322.5	2676.0
	80°	272.4	298.3	324.1	348.3	374.2	458.6	543.1	627.6	712.1	801.8
	82.5°	129.3	139.7	150.0	158.6	169.0	177.6	186.2	194.8	203.5	194.8
	85°	34.5	34.5	36.2	36.2	36.2	36.2	36.2	36.2	36.2	34.5
	87.5°	15.5	15.5	15.5	15.5	15.5	15.5	15.5	13.8	13.8	12.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049053

CATALOG NUMBER: GALN-SA7A-750-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
100.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
198.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
719.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1865.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3957.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6105.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8283.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10029.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11734.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13353.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15238.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18464.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24025.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32447.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38953.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42072.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42856.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43289.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44191.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44513.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42246.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35791.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28401.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22206.0											
17228.2											
10481.4											
3029.4											
891.4											
184.5											
32.8											
12.1											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

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CATALOG NUMBER: GALN-SA7A-750-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	2.5°	112.1	110.3	108.6	106.9	105.2	101.7	101.7	100.0	100.0
0.0	5°	122.4	120.7	119.0	117.2	117.2	115.5	113.8	113.8	112.1
0.0	7.5°	139.7	137.9	136.2	134.5	134.5	132.8	132.8	131.0	131.0
0.0	10°	160.4	160.4	160.4	160.4	160.4	158.6	158.6	158.6	156.9
0.0	12.5°	201.7	203.5	206.9	210.4	215.5	215.5	215.5	213.8	213.8
0.0	15°	319.0	337.9	351.7	365.5	377.6	405.2	401.7	396.6	393.1
0.0	17.5°	806.9	893.1	939.7	984.5	1031.1	1158.7	1138.0	1117.3	1098.3
0.0	20°	2091.5	2317.3	2467.3	2617.3	2769.1	3008.7	2950.1	2891.5	2832.9
0.0	22.5°	4474.3	4993.3	5219.2	5445.0	5669.2	5958.8	5770.9	5583.0	5396.7
0.0	25°	6777.8	7452.0	7833.0	8214.1	8593.4	8758.9	8514.1	8267.5	8022.7
0.0	27.5°	9045.2	9807.3	10143.5	10478.0	10814.2	11160.7	10857.3	10552.1	10248.6
0.0	30°	10862.5	11695.3	12059.1	12421.1	12784.9	13026.3	12712.5	12397.0	12083.2
0.0	32.5°	12645.3	13555.7	13954.0	14352.2	14748.8	15095.4	14709.2	14321.2	13935.0
0.0	35°	14391.9	15431.6	15979.9	16528.2	17076.5	17398.9	16940.3	16479.9	16021.3
0.0	37.5°	16523.0	17807.5	18421.4	19035.2	19649.0	20236.9	19731.8	19224.8	18719.6
0.0	40°	20276.6	22088.7	23030.1	23973.3	24914.7	25673.3	25035.4	24397.4	23759.5
0.0	42.5°	26611.3	29197.6	30551.1	31902.9	33256.4	34440.9	33770.2	33099.5	32428.8
0.0	45°	35889.2	39330.7	40980.8	42629.1	44279.2	45144.7	44179.2	43211.9	42246.4
0.0	47.5°	42379.1	45806.8	47275.9	48744.9	50213.9	51201.9	50020.8	48839.7	47660.4
0.0	50°	45331.0	48591.4	50065.6	51538.1	53012.3	53796.8	52432.9	51067.4	49703.5
0.0	52.5°	45901.7	48948.3	50707.0	52467.4	54226.1	55274.4	53664.0	52051.9	50441.5
0.0	55°	46518.9	49748.4	51788.1	53829.5	55869.3	57321.0	55500.3	53677.8	51857.1
0.0	57.5°	47681.0	51172.5	53207.1	55239.9	57274.5	58507.3	56681.4	54853.7	53027.8
0.0	60°	47784.5	51053.6	52801.9	54552.0	56300.3	57076.2	55329.6	53581.3	51834.6
0.0	62.5°	44699.9	47153.4	48367.3	49581.1	50794.9	51638.1	49815.6	47991.4	46168.9
0.0	65°	37310.0	38829.0	39796.3	40763.5	41730.8	42736.0	41067.0	39398.0	37729.0
0.0	67.5°	29563.1	30725.3	31999.4	33273.6	34547.8	35622.0	34285.7	32947.7	31611.5
	70°	23775.0	25342.3	26775.1	28207.9	29640.7	30520.1	29178.6	27835.5	26494.1
	72.5°	18888.6	20549.0	21745.6	22940.5	24137.1	24352.6	23366.4	22380.1	21395.6
	75°	11469.4	12459.1	12483.2	12505.6	12529.8	12734.9	11917.7	11100.4	10284.9
	77.5°	3382.9	3736.3	4027.7	4317.4	4608.8	4960.5	4660.5	4358.8	4058.8
	80°	979.3	1069.0	1144.9	1219.0	1294.9	1250.0	1179.4	1108.7	1038.0
	82.5°	175.9	165.5	163.8	162.1	162.1	153.5	139.7	125.9	112.1
	85°	31.0	29.3	27.6	25.9	24.1	22.4	19.0	17.2	13.8
	87.5°	10.3	8.6	6.9	5.2	5.2	1.7	1.7	1.7	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA7A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049053

CATALOG NUMBER: GALN-SA7A-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°	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	0.0	2.5°	98.3	96.6	96.6	96.6	96.6	94.8	94.8	94.8	94.8
0.0	0.0	5°	108.6	108.6	106.9	106.9	105.2	105.2	103.5	103.5	101.7
0.0	0.0	7.5°	127.6	125.9	124.1	122.4	120.7	117.2	115.5	113.8	113.8
0.0	0.0	10°	153.5	150.0	148.3	144.8	143.1	139.7	136.2	132.8	129.3
0.0	0.0	12.5°	201.7	194.8	189.7	182.8	175.9	170.7	163.8	158.6	151.7
0.0	0.0	15°	350.0	332.8	313.8	291.4	267.3	244.8	220.7	206.9	191.4
0.0	0.0	17.5°	894.9	805.2	713.8	639.7	565.5	493.1	419.0	365.5	312.1
0.0	0.0	20°	2277.7	2029.4	1781.1	1536.3	1289.7	1044.9	798.3	674.2	550.0
0.0	0.0	22.5°	4286.4	3826.0	3363.9	2917.3	2469.1	2022.5	1575.9	1294.9	1015.6
0.0	0.0	25°	6615.8	6036.4	5457.1	4722.6	3986.4	3251.8	2517.3	2060.4	1603.5
0.0	0.0	27.5°	8608.9	7941.7	7274.4	6381.3	5488.1	4595.0	3701.9	3020.8	2341.5
0.0	0.0	30°	10334.9	9617.6	8900.3	7860.6	6820.9	5781.2	4741.6	3889.8	3038.0
0.0	0.0	32.5°	11831.5	10972.8	10114.2	9041.7	7969.3	6896.8	5824.3	4779.5	3734.6
0.0	0.0	35°	13557.4	12555.6	11552.1	10362.4	9171.0	7981.3	6791.6	5612.3	4431.2
0.0	0.0	37.5°	15750.6	14521.2	13290.1	11964.2	10638.3	9314.1	7988.2	6639.9	5291.6
0.0	0.0	40°	19949.0	18362.7	16776.5	15091.9	13405.7	11721.1	10036.6	8381.3	6726.1
0.0	0.0	42.5°	27471.7	25328.5	23185.3	20943.9	18700.7	16459.2	14216.0	11881.5	9545.2
0.0	0.0	45°	35961.6	33302.9	30642.5	28126.9	25609.5	23093.9	20578.3	17374.8	14171.2
0.0	0.0	47.5°	40736.0	37865.2	34994.4	32613.3	30232.1	27851.0	25469.9	22016.3	18562.7
0.0	0.0	50°	42492.9	39570.4	36647.9	34456.4	32263.2	30071.8	27878.6	24419.9	20959.4
0.0	0.0	52.5°	42867.1	39885.9	36904.8	34699.5	32494.3	30290.8	28085.5	24649.2	21212.8
0.0	0.0	55°	43636.1	40437.7	37237.6	34723.7	32209.8	29695.9	27182.0	23690.5	20199.0
0.0	0.0	57.5°	44641.3	41361.8	38082.4	35218.5	32354.6	29492.4	26628.6	22811.2	18993.8
0.0	0.0	60°	44377.5	41523.9	38668.6	35601.3	32532.2	29464.9	26395.8	22197.4	17997.2
0.0	0.0	62.5°	39798.0	37525.5	35251.3	32728.8	30204.5	27682.0	25159.5	20837.0	16514.4
0.0	0.0	65°	32740.8	31082.2	29423.5	27394.1	25363.0	23333.6	21304.2	17428.2	13553.9
0.0	0.0	67.5°	26535.4	24666.4	22795.7	21178.4	19559.3	17942.0	16323.0	13272.9	10222.8
		70°	21081.8	19049.0	17014.4	15435.0	13854.0	12274.6	10695.2	8667.6	6641.6
		72.5°	16742.0	14909.2	13076.3	11391.8	9705.5	8021.0	6334.7	5136.4	3938.1
		75°	8002.0	7269.2	6536.4	5655.4	4774.3	3893.2	3012.2	2489.7	1969.0
		77.5°	2965.6	2570.8	2174.2	1815.6	1456.9	1100.0	741.4	679.3	617.3
		80°	767.3	669.0	569.0	498.3	425.9	355.2	284.5	256.9	231.0
		82.5°	87.9	81.0	75.9	72.4	67.2	63.8	58.6	53.5	48.3
		85°	5.2	3.4	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: P1049053

CATALOG NUMBER: GALN-SA7A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049053

CATALOG NUMBER: GALN-SA7A-750-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	100.0	100.0
0.0	0.0	2.5°	93.1	91.4
0.0	0.0	5°	98.3	96.6
0.0	0.0	7.5°	108.6	105.2
0.0	0.0	10°	119.0	115.5
0.0	0.0	12.5°	134.5	129.3
0.0	0.0	15°	151.7	141.4
0.0	0.0	17.5°	181.0	158.6
0.0	0.0	20°	244.8	187.9
0.0	0.0	22.5°	344.8	234.5
0.0	0.0	25°	506.9	324.1
0.0	0.0	27.5°	705.2	431.1
0.0	0.0	30°	938.0	539.7
0.0	0.0	32.5°	1143.1	643.1
0.0	0.0	35°	1410.4	748.3
0.0	0.0	37.5°	1739.7	882.8
0.0	0.0	40°	2250.1	1086.2
0.0	0.0	42.5°	3169.1	1462.1
0.0	0.0	45°	5146.7	2527.7
0.0	0.0	47.5°	7919.3	4181.2
0.0	0.0	50°	9688.3	5336.4
0.0	0.0	52.5°	9833.1	5327.8
0.0	0.0	55°	8976.2	4736.4
0.0	0.0	57.5°	7658.9	3958.8
0.0	0.0	60°	6365.7	3131.1
0.0	0.0	62.5°	5015.7	2162.1
0.0	0.0	65°	3665.7	1529.4
0.0	0.0	67.5°	2632.9	1143.1
		70°	1731.1	875.9
		72.5°	1127.6	713.8
		75°	758.6	591.4
		77.5°	443.1	393.1
		80°	156.9	137.9
		82.5°	29.3	20.7
		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: P1049053

CATALOG NUMBER: GALN-SA7A-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

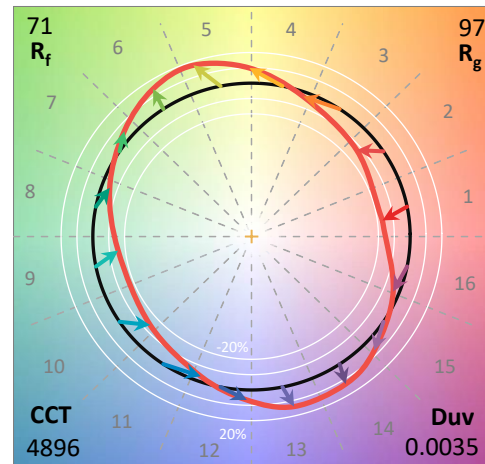
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

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

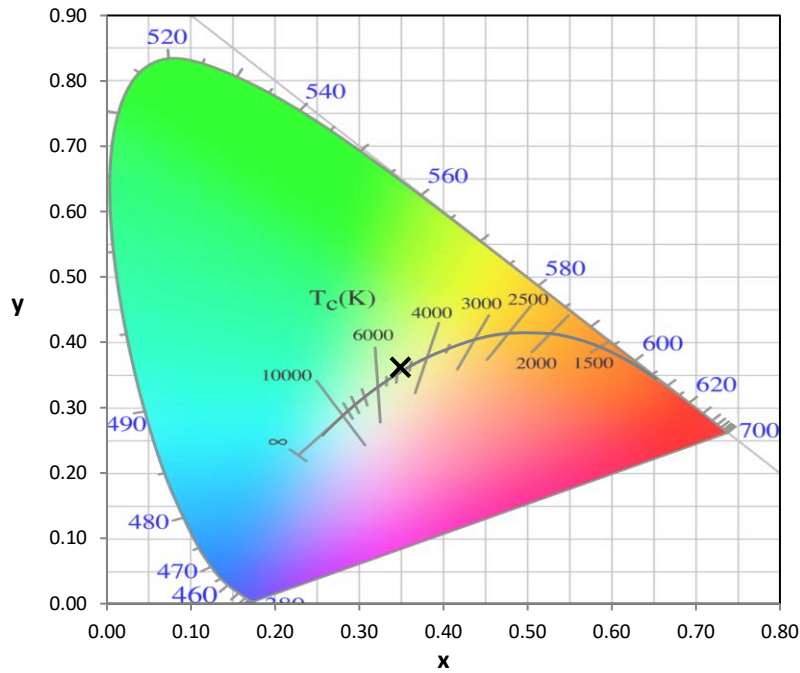
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-6

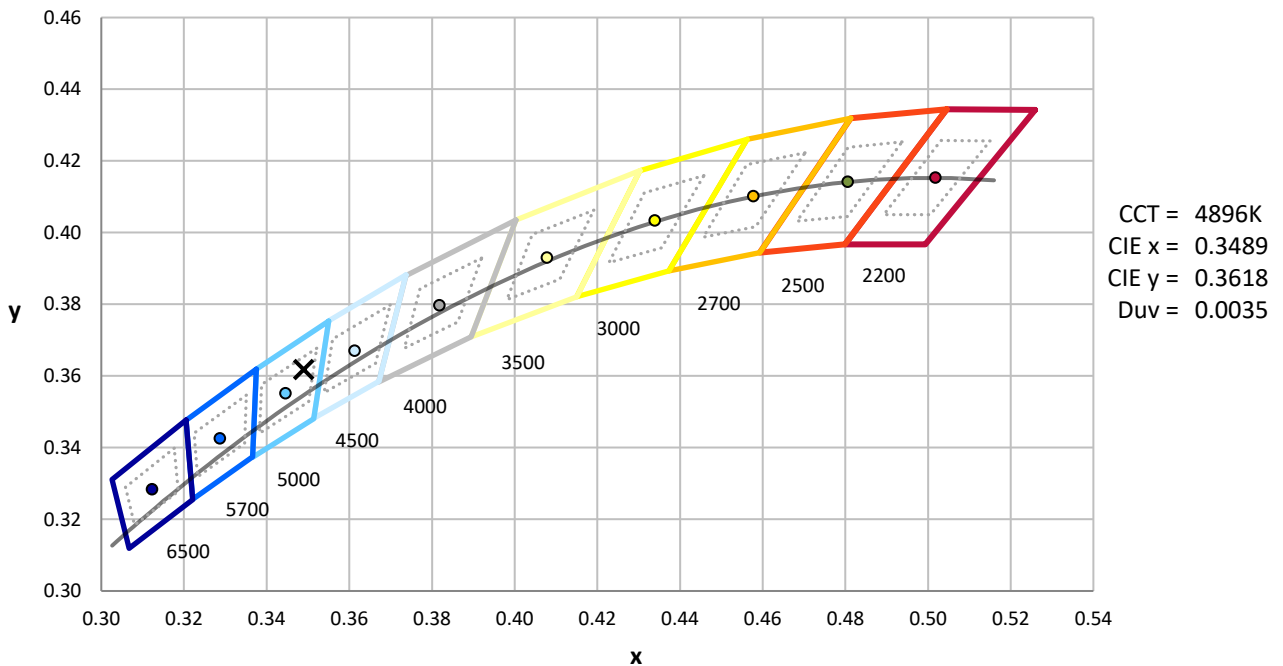
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



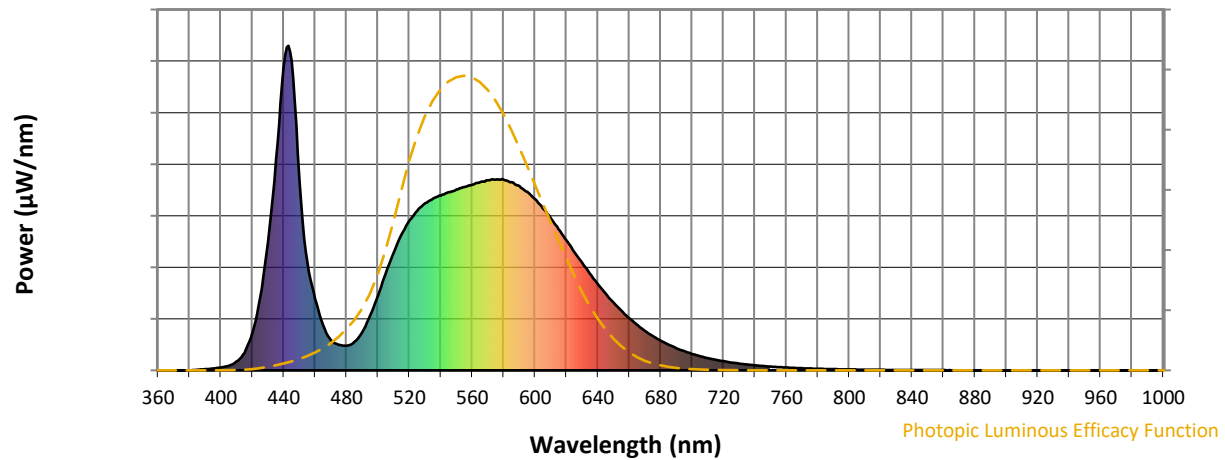
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-6

Photopic Flux vs. Wavelength

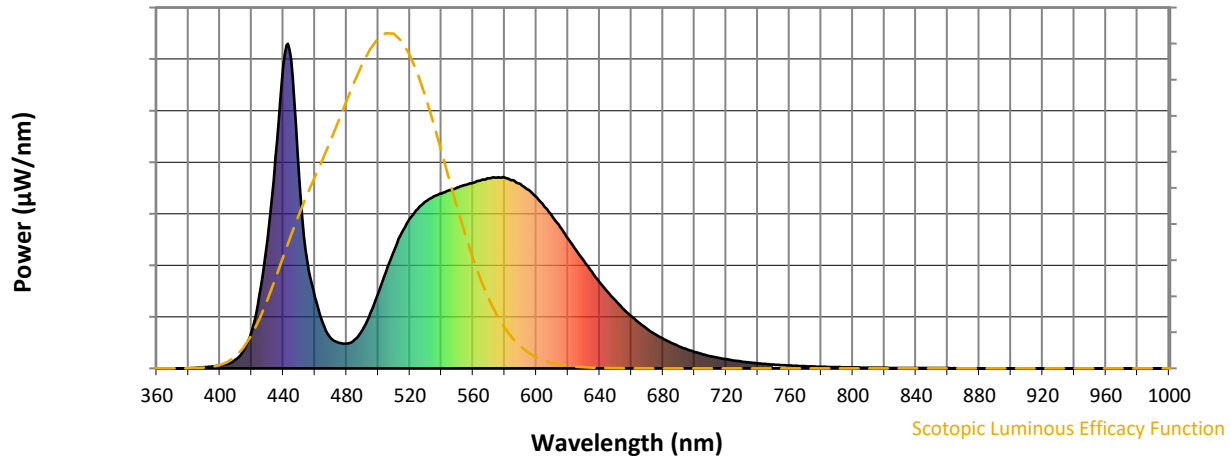


Photopic Lumens: NR

λ (nm)	Power 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

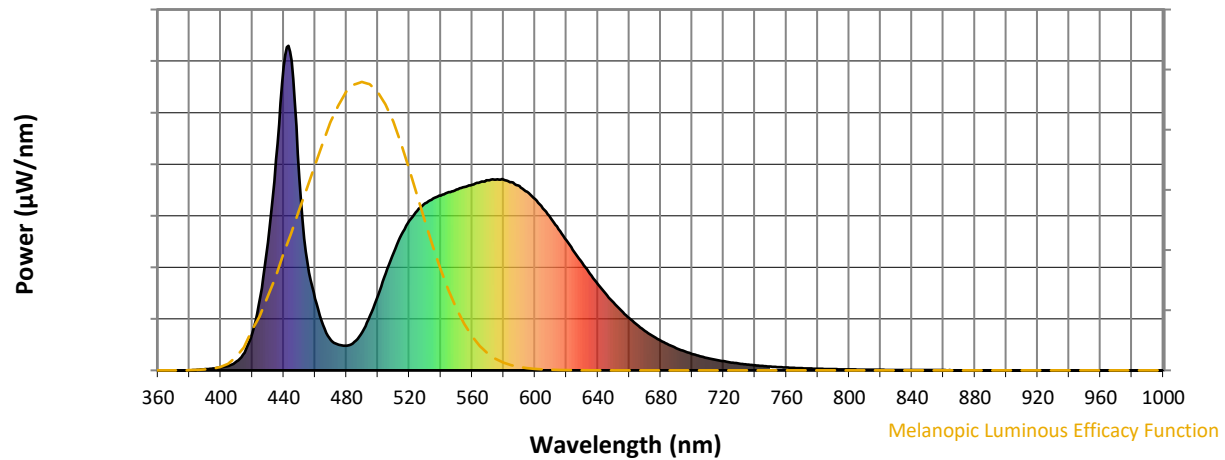
Scotopic Flux vs. Wavelength


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

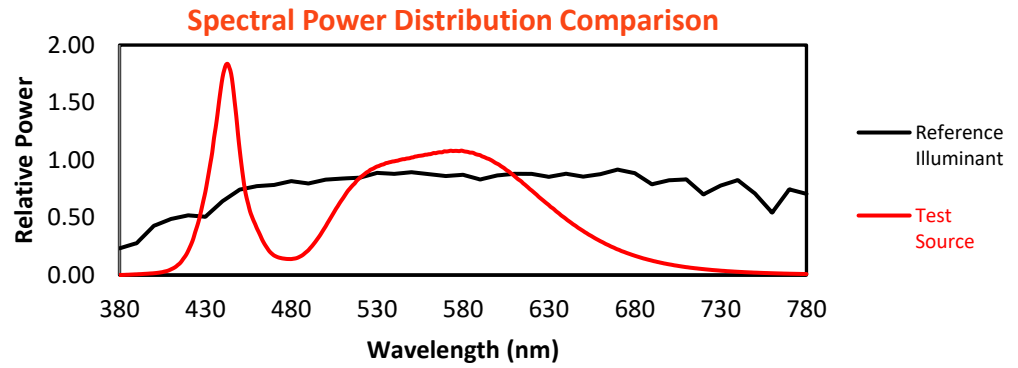
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118	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

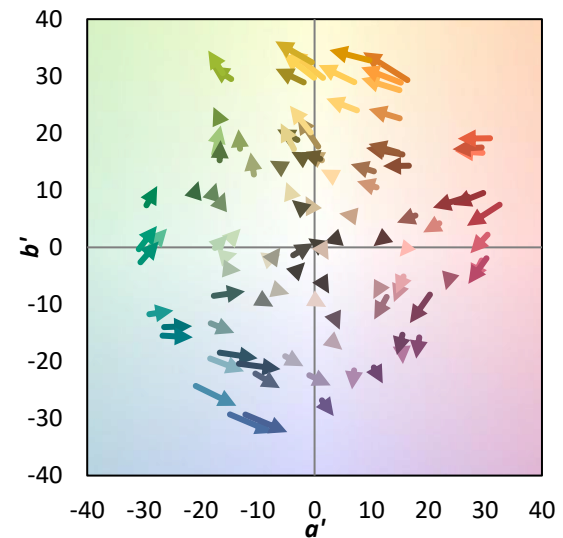
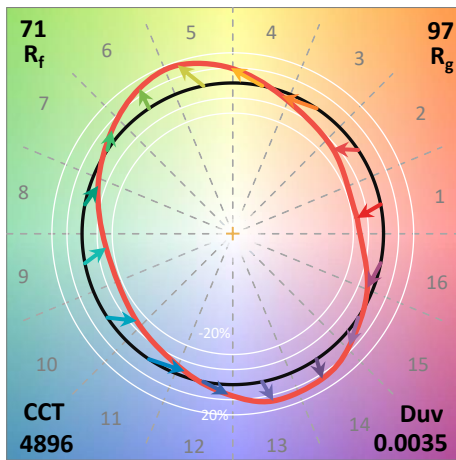
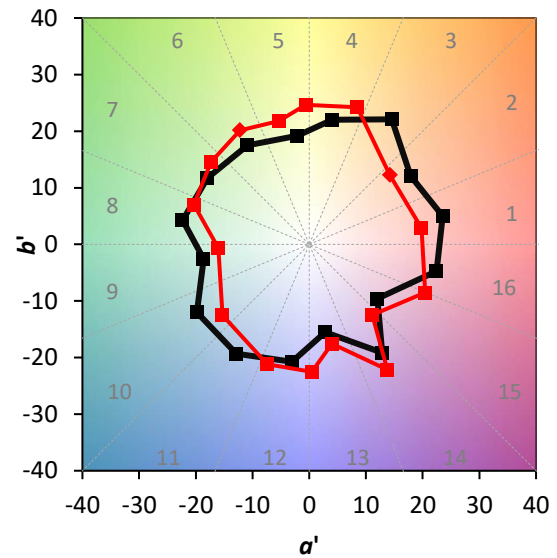
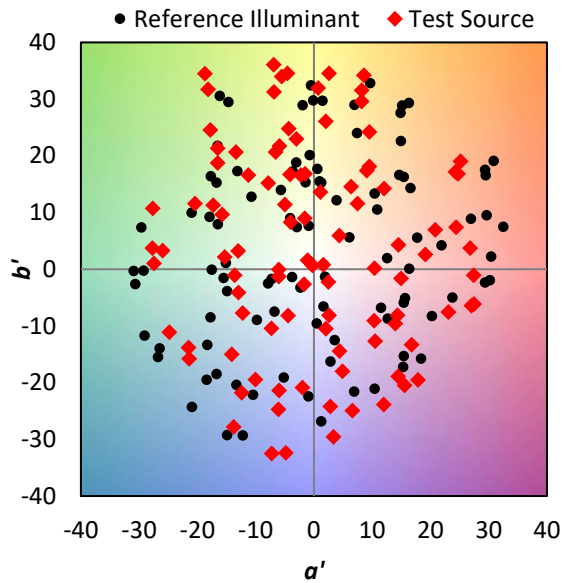
TM-30-18

Summary

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

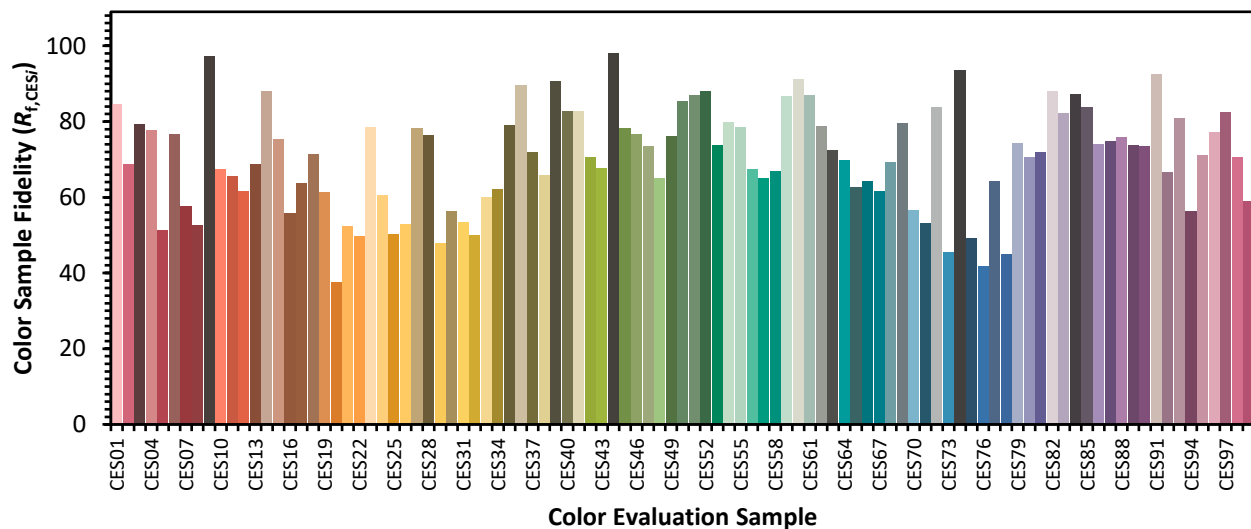


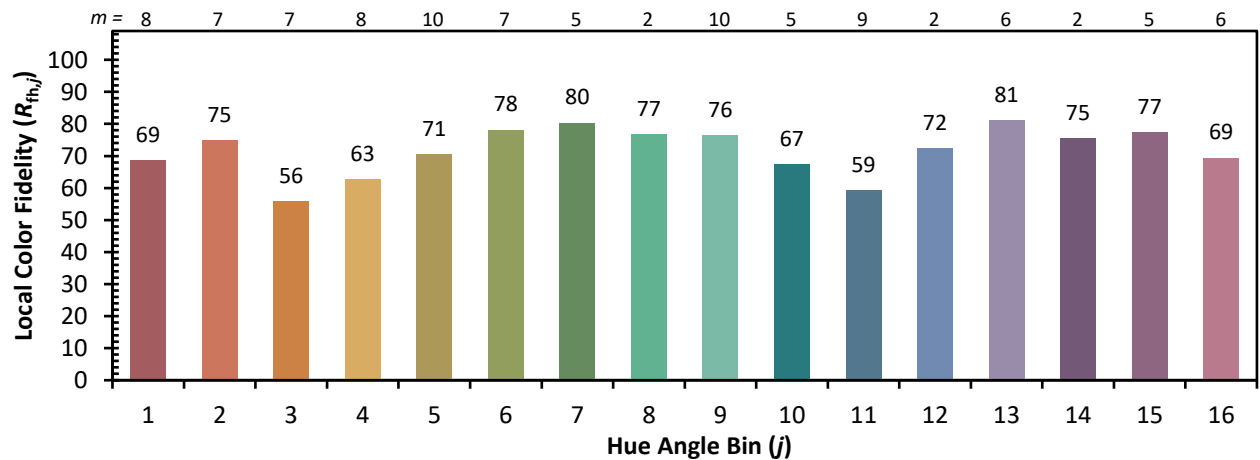
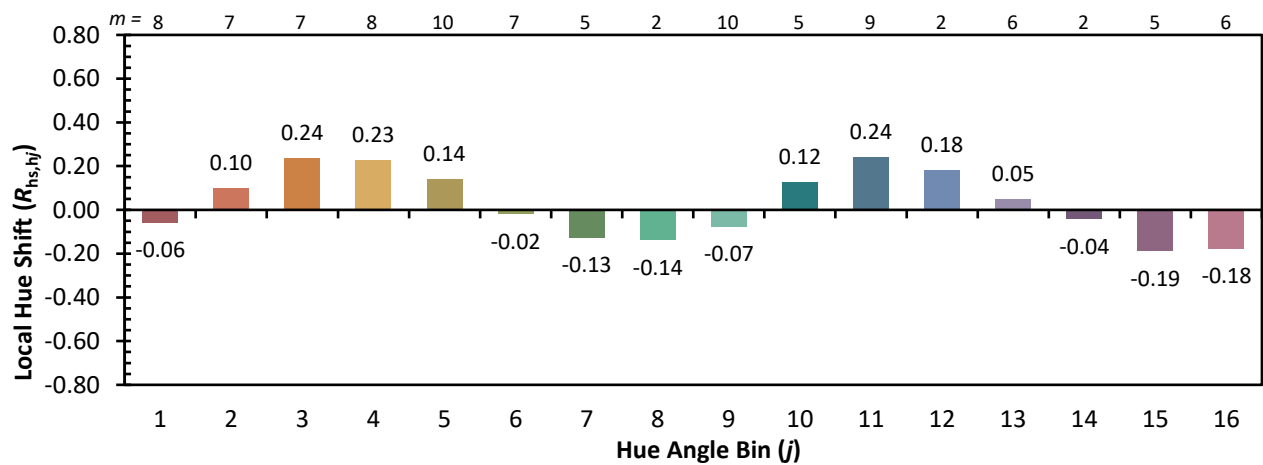
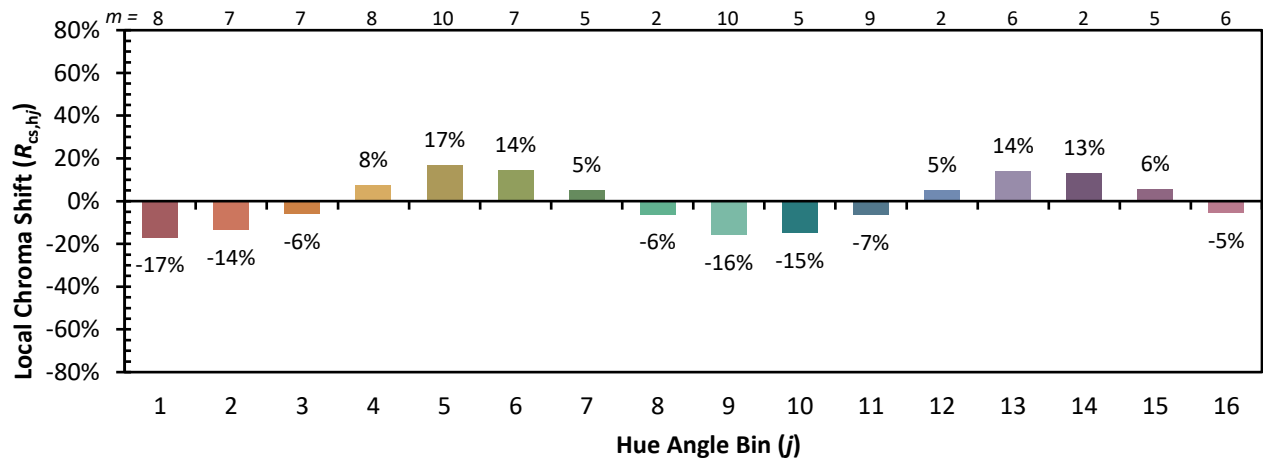
Color Vector Graphics



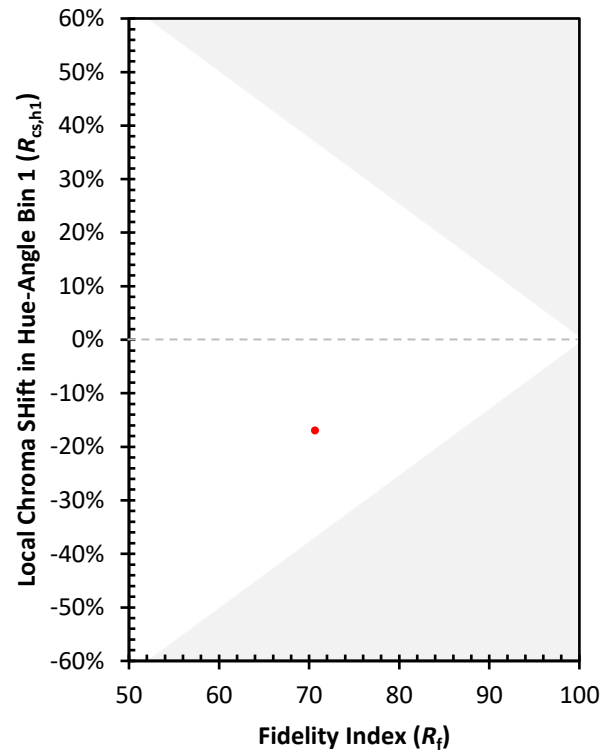
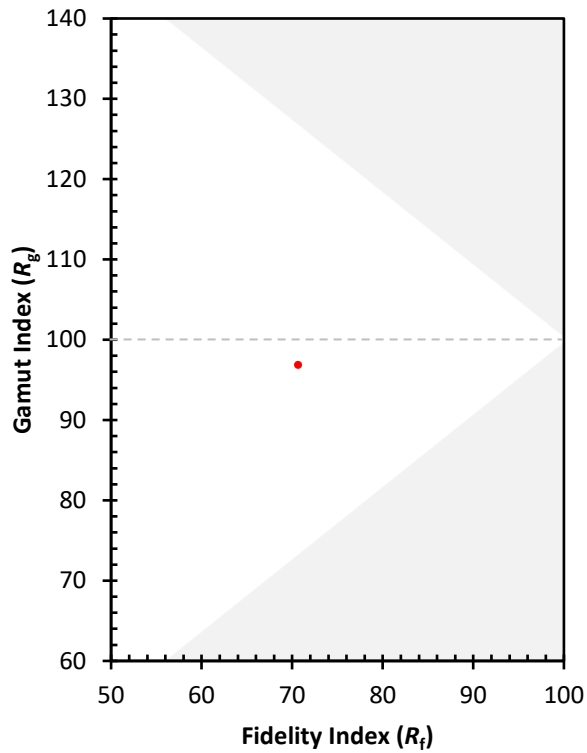
Individual Sample Fidelity Index ($R_{f,i}$)

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)