

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: P1049313

Luminaire Tested: **GALN-SA9A-927-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049313
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9A-927-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 9xLight Square PACKAGE
90CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (126) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18348.4 lumens
Efficiency: N/A
Efficacy: 75.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

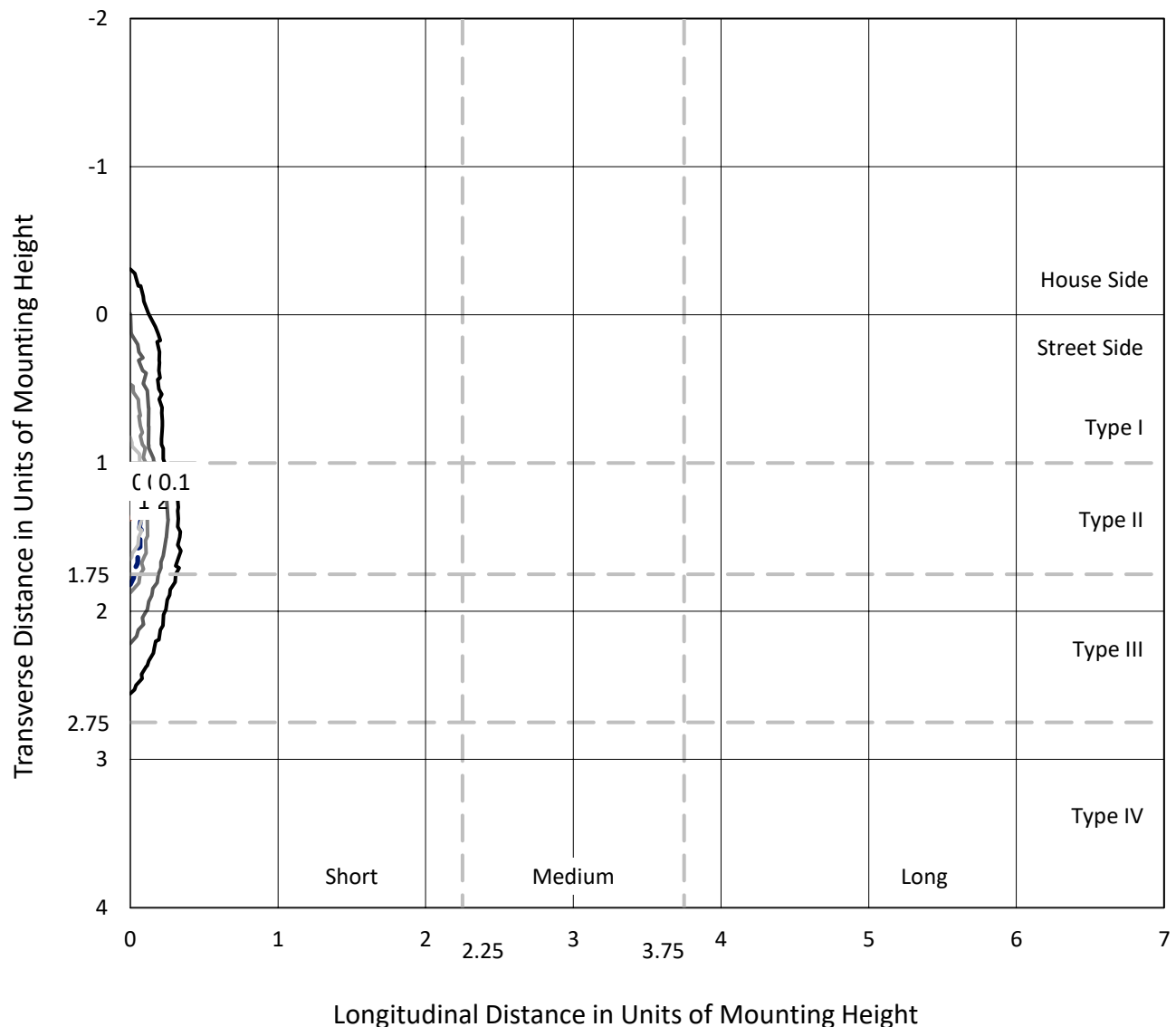
Input Watts (W): 244.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

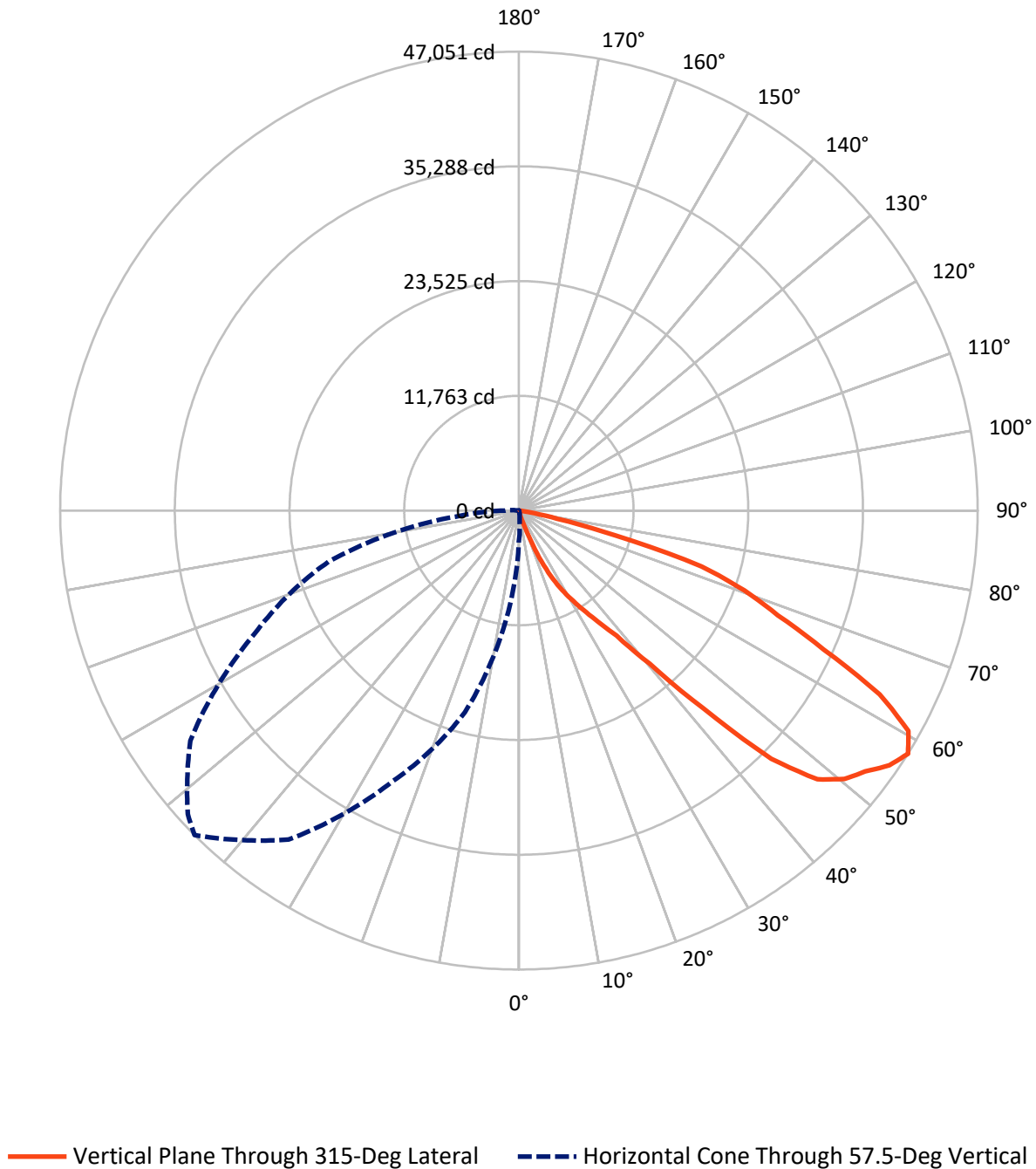
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 2.7 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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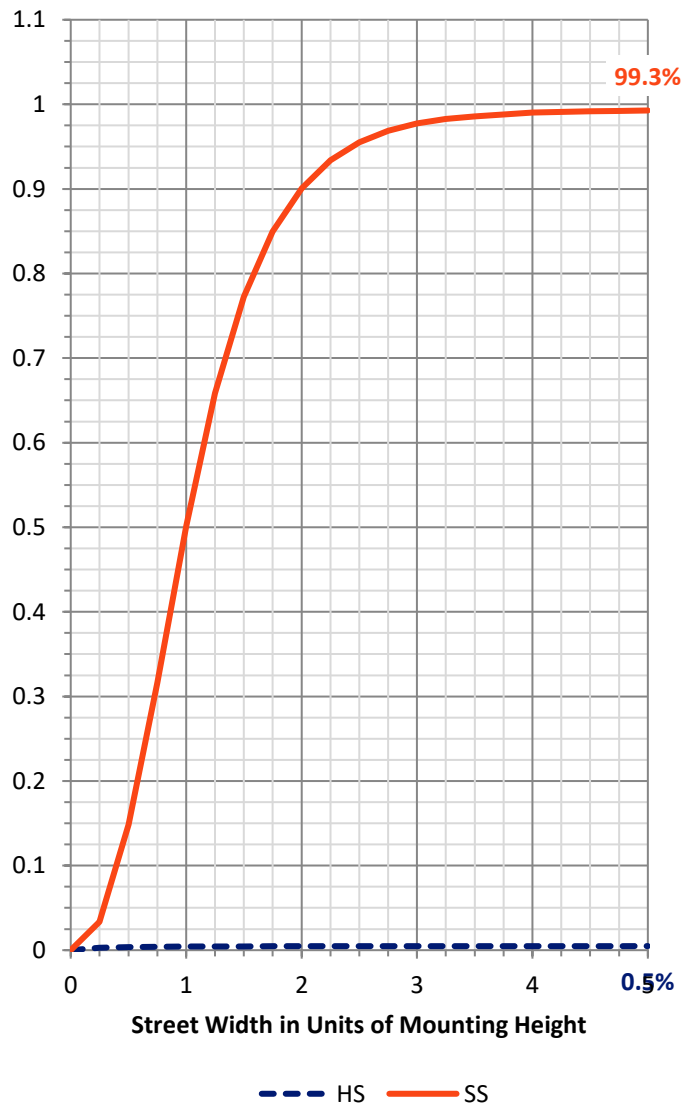
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	91.9	0.0	91.9
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	18256.5	0.0	18256.5
	% Fixture	99.5	0.0	99.5
Total	Lumens	18348.4	0.0	18348.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.2	0.0
10°-20°	40.3	0.2
20°-30°	434.8	2.4
30°-40°	1285.9	7.0
40°-50°	3832.3	20.9
50°-60°	6076.6	33.1
60°-70°	5072.5	27.6
70°-80°	1564.2	8.5
80°-90°	34.8	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°	18348.4	100.0
0°-180°	18348.4	100.0



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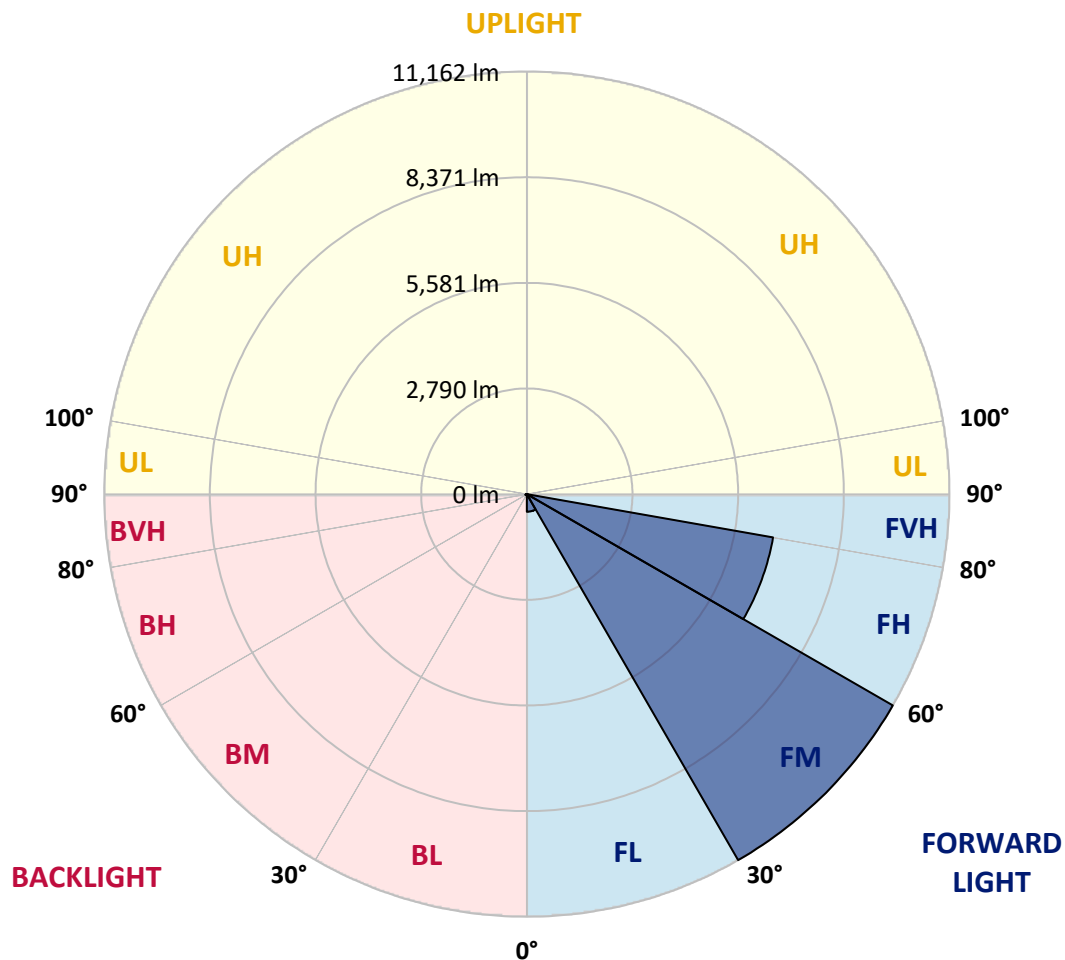
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	465.5	2.5			
FM	(30°-60°)	11161.8	60.8			
FH	(60°-80°)	6602.3	36.0			G3/7500
FVH	(80°-90°)	26.9	0.1			G1/100
BL	(0°-30°)	16.9	0.1	B0/110		
BM	(30°-60°)	32.8	0.2	B0/220		
BH	(60°-80°)	34.3	0.2	B0/110		G0/110
BVH	(80°-90°)	7.9	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



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
2.5°	73.5	73.5	73.5	73.5	72.1	72.1	70.7	70.7	69.3	69.3
5°	77.6	77.6	76.3	74.9	74.9	73.5	72.1	70.7	70.7	69.3
7.5°	84.6	83.2	81.8	80.4	77.6	76.3	73.5	72.1	70.7	67.9
10°	92.9	90.1	87.4	84.6	81.8	79.0	76.3	74.9	72.1	70.7
12.5°	104.0	99.8	94.3	90.1	87.4	83.2	80.4	77.6	73.5	70.7
15°	113.7	108.2	101.2	95.7	91.5	86.0	81.8	77.6	74.9	70.7
17.5°	127.6	117.9	106.8	99.8	94.3	87.4	80.4	76.3	72.1	66.6
20°	151.1	131.7	110.9	102.6	94.3	86.0	77.6	72.1	67.9	62.4
22.5°	188.6	155.3	122.0	109.5	98.4	86.0	74.9	69.3	63.8	58.2
25°	260.7	201.1	141.4	124.8	108.2	91.5	74.9	67.9	62.4	55.5
27.5°	346.6	257.9	167.8	144.2	122.0	98.4	74.9	66.6	59.6	51.3
30°	434.0	316.1	196.9	166.4	135.9	105.4	74.9	65.2	56.8	47.1
32.5°	517.2	370.2	221.9	185.8	149.7	112.3	76.3	65.2	54.1	43.0
35°	601.8	414.6	226.0	188.6	151.1	112.3	74.9	62.4	51.3	38.8
37.5°	709.9	464.5	217.7	180.3	144.2	106.8	70.7	59.6	48.5	36.1
40°	873.5	547.7	221.9	183.0	144.2	105.4	66.6	55.5	45.8	34.7
42.5°	1175.8	708.5	239.9	195.5	151.1	105.4	61.0	51.3	43.0	33.3
45°	2032.7	1177.2	321.7	255.1	188.6	122.0	55.5	47.1	40.2	31.9
47.5°	3362.4	1970.3	578.2	446.5	316.1	184.4	54.1	47.1	40.2	31.9
50°	4291.4	2509.7	728.0	560.2	392.4	224.6	56.8	48.5	41.6	33.3
52.5°	4284.5	2548.5	811.1	622.6	435.4	246.8	59.6	51.3	44.4	36.1
55°	3808.9	2318.3	826.4	635.1	445.1	253.7	63.8	55.5	47.1	38.8
57.5°	3183.6	1968.9	754.3	583.7	414.6	244.0	73.5	63.8	55.5	45.8
60°	2518.0	1553.0	587.9	464.5	342.5	219.1	97.1	84.6	73.5	61.0
62.5°	1738.8	1125.9	513.0	411.8	312.0	210.8	110.9	98.4	87.4	74.9
65°	1229.9	847.2	463.1	377.1	292.6	206.6	120.6	106.8	94.3	80.4
67.5°	919.3	673.9	427.1	353.6	280.1	206.6	133.1	116.5	101.2	84.6
70°	704.4	553.2	400.7	341.1	282.9	223.2	163.6	140.0	117.9	94.3
72.5°	574.0	472.8	370.2	327.2	284.2	241.3	198.3	167.8	137.3	105.4
75°	475.6	404.9	334.2	298.1	263.4	227.4	191.3	163.6	137.3	109.5
77.5°	316.1	288.4	259.3	238.5	217.7	195.5	174.7	151.1	129.0	105.4
80°	110.9	106.8	102.6	110.9	119.2	127.6	135.9	119.2	104.0	87.4
82.5°	16.6	15.3	13.9	15.3	16.6	18.0	19.4	20.8	22.2	23.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
0.0	2.5°	67.9	67.9	66.6	66.6	66.6	65.2	65.2	63.8	63.8	63.8
0.0	5°	66.6	66.6	65.2	63.8	62.4	62.4	61.0	59.6	59.6	58.2
0.0	7.5°	65.2	63.8	62.4	61.0	59.6	58.2	56.8	55.5	55.5	54.1
0.0	10°	66.6	63.8	62.4	59.6	58.2	56.8	54.1	52.7	51.3	51.3
0.0	12.5°	63.8	62.4	59.6	56.8	55.5	52.7	51.3	48.5	47.1	47.1
0.0	15°	63.8	61.0	56.8	54.1	51.3	49.9	47.1	44.4	43.0	41.6
0.0	17.5°	59.6	56.8	52.7	49.9	47.1	44.4	41.6	38.8	37.4	36.1
0.0	20°	54.1	51.3	47.1	43.0	40.2	37.4	34.7	31.9	30.5	29.1
0.0	22.5°	48.5	45.8	41.6	37.4	34.7	31.9	27.7	25.0	23.6	20.8
0.0	25°	45.8	41.6	37.4	33.3	29.1	26.3	22.2	18.0	15.3	12.5
0.0	27.5°	38.8	34.7	30.5	26.3	22.2	18.0	13.9	9.7	6.9	5.5
0.0	30°	33.3	29.1	25.0	20.8	15.3	11.1	6.9	1.4	1.4	1.4
0.0	32.5°	27.7	23.6	18.0	13.9	11.1	6.9	4.2	0.0	0.0	0.0
0.0	35°	22.2	18.0	12.5	8.3	6.9	4.2	2.8	0.0	0.0	0.0
0.0	37.5°	19.4	15.3	9.7	4.2	2.8	2.8	1.4	0.0	0.0	0.0
0.0	40°	18.0	12.5	6.9	1.4	1.4	1.4	0.0	0.0	0.0	0.0
0.0	42.5°	18.0	12.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	18.0	12.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	18.0	12.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	19.4	13.9	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	22.2	16.6	11.1	5.5	4.2	2.8	1.4	0.0	0.0	0.0
0.0	55°	27.7	25.0	20.8	18.0	13.9	9.7	4.2	0.0	0.0	0.0
0.0	57.5°	36.1	36.1	34.7	33.3	25.0	16.6	8.3	0.0	0.0	0.0
0.0	60°	48.5	48.5	48.5	48.5	36.1	25.0	12.5	0.0	0.0	0.0
0.0	62.5°	59.6	56.8	52.7	49.9	37.4	25.0	12.5	0.0	0.0	0.0
0.0	65°	59.6	54.1	47.1	40.2	30.5	20.8	9.7	0.0	0.0	0.0
0.0	67.5°	55.5	44.4	31.9	20.8	15.3	11.1	5.5	0.0	0.0	0.0
	70°	55.5	38.8	22.2	5.5	4.2	2.8	1.4	0.0	0.0	0.0
	72.5°	55.5	37.4	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	61.0	41.6	20.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	61.0	41.6	20.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	54.1	36.1	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	18.0	12.5	5.5	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°	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
0.0	2.5°	62.4	62.4	62.4	61.0	61.0	61.0	61.0	59.6	59.6	59.6
0.0	5°	56.8	56.8	55.5	55.5	54.1	54.1	52.7	52.7	51.3	51.3
0.0	7.5°	52.7	51.3	51.3	49.9	48.5	48.5	47.1	47.1	45.8	44.4
0.0	10°	48.5	47.1	47.1	45.8	44.4	43.0	43.0	41.6	40.2	38.8
0.0	12.5°	44.4	43.0	41.6	40.2	38.8	37.4	37.4	36.1	34.7	33.3
0.0	15°	38.8	37.4	36.1	34.7	33.3	31.9	31.9	30.5	29.1	27.7
0.0	17.5°	33.3	31.9	31.9	30.5	29.1	27.7	26.3	23.6	22.2	20.8
0.0	20°	25.0	23.6	22.2	20.8	19.4	16.6	15.3	12.5	9.7	8.3
0.0	22.5°	16.6	13.9	12.5	9.7	6.9	5.5	4.2	1.4	0.0	0.0
0.0	25°	5.5	4.2	2.8	1.4	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: P1049313

CATALOG NUMBER: GALN-SA9A-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049313

CATALOG NUMBER: GALN-SA9A-927-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
0.0	2.5°	58.2	58.2	58.2	56.8	56.8	56.8	56.8	56.8	56.8	56.8
0.0	5°	49.9	49.9	49.9	48.5	48.5	47.1	47.1	47.1	45.8	45.8
0.0	7.5°	43.0	41.6	41.6	40.2	40.2	38.8	38.8	38.8	37.4	37.4
0.0	10°	36.1	34.7	34.7	33.3	33.3	31.9	31.9	30.5	30.5	29.1
0.0	12.5°	31.9	30.5	29.1	27.7	27.7	26.3	25.0	25.0	23.6	22.2
0.0	15°	25.0	23.6	22.2	20.8	19.4	18.0	16.6	16.6	15.3	13.9
0.0	17.5°	16.6	13.9	12.5	11.1	11.1	9.7	8.3	6.9	5.5	4.2
0.0	20°	4.2	2.8	1.4	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: P1049313

CATALOG NUMBER: GALN-SA9A-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049313

CATALOG NUMBER: GALN-SA9A-927-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°	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
0.0	2.5°	56.8	55.5	55.5	55.5	56.8	56.8	56.8	56.8	56.8	56.8
0.0	5°	45.8	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
0.0	7.5°	37.4	36.1	36.1	36.1	36.1	34.7	34.7	34.7	34.7	34.7
0.0	10°	29.1	27.7	27.7	27.7	27.7	26.3	26.3	26.3	26.3	26.3
0.0	12.5°	20.8	20.8	19.4	19.4	19.4	18.0	18.0	18.0	18.0	16.6
0.0	15°	12.5	11.1	9.7	9.7	9.7	8.3	8.3	8.3	8.3	6.9
0.0	17.5°	2.8	2.8	1.4	1.4	1.4	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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CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049313

CATALOG NUMBER: GALN-SA9A-927-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
0.0	2.5°	58.2	58.2	59.6	59.6	61.0	63.8	65.2	66.6	69.3	72.1
0.0	5°	45.8	47.1	47.1	48.5	49.9	51.3	52.7	54.1	56.8	59.6
0.0	7.5°	36.1	36.1	37.4	37.4	38.8	41.6	43.0	44.4	47.1	51.3
0.0	10°	27.7	27.7	29.1	29.1	30.5	33.3	34.7	36.1	38.8	43.0
0.0	12.5°	18.0	19.4	19.4	20.8	22.2	25.0	26.3	27.7	30.5	33.3
0.0	15°	8.3	9.7	9.7	11.1	12.5	15.3	16.6	18.0	20.8	25.0
0.0	17.5°	1.4	1.4	2.8	2.8	4.2	5.5	6.9	8.3	12.5	15.3
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	5.5
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
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):

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REPORT NUMBER: P1049313

CATALOG NUMBER: GALN-SA9A-927-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°	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
0.0	2.5°	76.3	79.0	81.8	84.6	87.4	90.1	91.5	94.3	95.7	97.1
0.0	5°	65.2	67.9	72.1	74.9	77.6	80.4	83.2	84.6	86.0	87.4
0.0	7.5°	56.8	59.6	63.8	66.6	69.3	72.1	74.9	77.6	79.0	80.4
0.0	10°	48.5	52.7	55.5	59.6	62.4	65.2	67.9	70.7	73.5	74.9
0.0	12.5°	38.8	43.0	47.1	49.9	54.1	58.2	61.0	63.8	66.6	69.3
0.0	15°	30.5	34.7	38.8	41.6	45.8	49.9	54.1	56.8	59.6	62.4
0.0	17.5°	22.2	26.3	30.5	33.3	37.4	41.6	44.4	48.5	51.3	54.1
0.0	20°	11.1	15.3	19.4	23.6	27.7	31.9	34.7	38.8	41.6	44.4
0.0	22.5°	1.4	5.5	9.7	12.5	16.6	20.8	23.6	27.7	30.5	33.3
0.0	25°	0.0	1.4	4.2	5.5	6.9	9.7	12.5	15.3	18.0	20.8
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.4	2.8	5.5	8.3	11.1
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
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	1.4
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4	2.8
	85°	0.0	0.0	0.0	0.0	0.0	2.8	4.2	6.9	8.3	9.7
	87.5°	0.0	1.4	2.8	4.2	5.5	8.3	11.1	13.9	15.3	16.6
	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: P1049313

CATALOG NUMBER: GALN-SA9A-927-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
80.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.1	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
81.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.2	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											
1.4											
5.5											
12.5											
18.0											
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REPORT NUMBER: P1049313

CATALOG NUMBER: GALN-SA9A-927-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
0.0	2.5°	98.4	98.4	98.4	98.4	97.1	97.1	97.1	95.7	95.7	94.3
0.0	5°	90.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	90.1	90.1
0.0	7.5°	83.2	84.6	86.0	86.0	87.4	87.4	87.4	86.0	86.0	84.6
0.0	10°	79.0	80.4	80.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8
0.0	12.5°	73.5	74.9	76.3	76.3	77.6	77.6	77.6	77.6	76.3	76.3
0.0	15°	66.6	69.3	70.7	72.1	72.1	73.5	73.5	73.5	73.5	73.5
0.0	17.5°	61.0	63.8	65.2	66.6	66.6	67.9	67.9	69.3	69.3	69.3
0.0	20°	49.9	52.7	54.1	56.8	58.2	59.6	61.0	62.4	62.4	63.8
0.0	22.5°	38.8	41.6	43.0	45.8	47.1	48.5	49.9	51.3	52.7	54.1
0.0	25°	27.7	30.5	31.9	34.7	36.1	37.4	38.8	40.2	40.2	41.6
0.0	27.5°	15.3	18.0	20.8	22.2	25.0	26.3	27.7	29.1	30.5	31.9
0.0	30°	6.9	8.3	9.7	12.5	13.9	15.3	16.6	19.4	20.8	22.2
0.0	32.5°	0.0	0.0	1.4	4.2	5.5	6.9	8.3	9.7	9.7	11.1
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.8	4.2	5.5
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°	2.8	2.8	2.8	4.2	4.2	4.2	4.2	4.2	4.2	4.2
	82.5°	6.9	8.3	9.7	9.7	11.1	11.1	11.1	11.1	9.7	9.7
	85°	13.9	15.3	16.6	16.6	18.0	18.0	18.0	18.0	18.0	18.0
	87.5°	19.4	20.8	22.2	22.2	23.6	23.6	23.6	23.6	23.6	23.6
	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: P1049313

CATALOG NUMBER: GALN-SA9A-927-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
80.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	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											
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4.2											
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18.0											
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REPORT NUMBER: P1049313

CATALOG NUMBER: GALN-SA9A-927-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°	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
0.0	2.5°	92.9	92.9	91.5	91.5	91.5	91.5	91.5	92.9	94.3	94.3
0.0	5°	88.7	88.7	87.4	87.4	87.4	88.7	88.7	90.1	91.5	92.9
0.0	7.5°	84.6	83.2	83.2	84.6	84.6	86.0	86.0	87.4	88.7	90.1
0.0	10°	81.8	80.4	80.4	80.4	81.8	81.8	83.2	84.6	86.0	87.4
0.0	12.5°	76.3	76.3	76.3	76.3	77.6	77.6	79.0	80.4	83.2	84.6
0.0	15°	73.5	72.1	72.1	72.1	72.1	73.5	73.5	76.3	79.0	80.4
0.0	17.5°	67.9	67.9	66.6	66.6	67.9	67.9	69.3	72.1	74.9	76.3
0.0	20°	62.4	61.0	59.6	59.6	61.0	61.0	62.4	65.2	67.9	69.3
0.0	22.5°	54.1	52.7	52.7	52.7	52.7	54.1	54.1	56.8	61.0	63.8
0.0	25°	43.0	44.4	44.4	45.8	45.8	47.1	48.5	51.3	55.5	58.2
0.0	27.5°	33.3	34.7	34.7	37.4	38.8	40.2	41.6	45.8	49.9	52.7
0.0	30°	25.0	26.3	27.7	29.1	31.9	34.7	37.4	41.6	45.8	48.5
0.0	32.5°	15.3	18.0	19.4	22.2	25.0	27.7	30.5	34.7	40.2	44.4
0.0	35°	11.1	12.5	15.3	16.6	19.4	22.2	25.0	30.5	34.7	40.2
0.0	37.5°	5.5	8.3	11.1	13.9	16.6	19.4	22.2	27.7	33.3	37.4
0.0	40°	4.2	6.9	8.3	11.1	15.3	18.0	20.8	26.3	31.9	37.4
0.0	42.5°	2.8	4.2	5.5	9.7	12.5	16.6	20.8	26.3	31.9	37.4
0.0	45°	2.8	2.8	4.2	8.3	12.5	18.0	22.2	27.7	31.9	37.4
0.0	47.5°	2.8	4.2	5.5	11.1	13.9	18.0	22.2	26.3	31.9	36.1
0.0	50°	4.2	5.5	6.9	12.5	15.3	19.4	22.2	27.7	31.9	37.4
0.0	52.5°	2.8	4.2	5.5	11.1	15.3	20.8	25.0	30.5	36.1	40.2
0.0	55°	1.4	1.4	1.4	8.3	16.6	23.6	31.9	36.1	41.6	45.8
0.0	57.5°	0.0	0.0	0.0	5.5	16.6	26.3	36.1	41.6	47.1	51.3
0.0	60°	0.0	0.0	0.0	5.5	16.6	26.3	36.1	43.0	49.9	56.8
0.0	62.5°	0.0	0.0	0.0	5.5	13.9	22.2	30.5	41.6	54.1	65.2
0.0	65°	0.0	0.0	0.0	4.2	11.1	18.0	25.0	41.6	58.2	73.5
0.0	67.5°	0.0	0.0	0.0	4.2	11.1	16.6	23.6	41.6	58.2	76.3
	70°	0.0	0.0	0.0	4.2	11.1	18.0	25.0	41.6	58.2	74.9
	72.5°	0.0	0.0	0.0	4.2	12.5	19.4	27.7	41.6	55.5	69.3
	75°	0.0	0.0	0.0	5.5	12.5	20.8	29.1	41.6	54.1	65.2
	77.5°	0.0	0.0	0.0	4.2	12.5	19.4	27.7	40.2	52.7	63.8
	80°	4.2	2.8	2.8	6.9	12.5	18.0	23.6	36.1	49.9	62.4
	82.5°	8.3	8.3	6.9	9.7	12.5	16.6	20.8	31.9	44.4	55.5
	85°	16.6	16.6	15.3	16.6	16.6	18.0	19.4	25.0	30.5	36.1
	87.5°	22.2	22.2	20.8	20.8	20.8	19.4	19.4	19.4	19.4	18.0
	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):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
80.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.5											
83.2											
77.6											
76.3											
74.9											
66.6											
41.6											
18.0											
0.0											
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REPORT NUMBER: P1049313

CATALOG NUMBER: GALN-SA9A-927-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
0.0	2.5°	97.1	98.4	98.4	99.8	101.2	102.6	102.6	104.0	104.0	104.0
0.0	5°	95.7	98.4	99.8	101.2	102.6	104.0	105.4	106.8	108.2	108.2
0.0	7.5°	94.3	95.7	98.4	99.8	102.6	104.0	106.8	108.2	109.5	110.9
0.0	10°	91.5	94.3	97.1	99.8	102.6	105.4	108.2	110.9	113.7	115.1
0.0	12.5°	88.7	92.9	95.7	98.4	102.6	106.8	109.5	113.7	116.5	119.2
0.0	15°	87.4	90.1	94.3	97.1	102.6	108.2	112.3	117.9	123.4	127.6
0.0	17.5°	83.2	88.7	92.9	97.1	102.6	109.5	115.1	120.6	129.0	137.3
0.0	20°	77.6	81.8	87.4	91.5	99.8	106.8	115.1	122.0	134.5	147.0
0.0	22.5°	72.1	77.6	81.8	87.4	97.1	105.4	115.1	123.4	144.2	163.6
0.0	25°	66.6	73.5	79.0	84.6	95.7	106.8	117.9	129.0	163.6	198.3
0.0	27.5°	63.8	69.3	76.3	81.8	95.7	110.9	124.8	138.7	194.1	248.2
0.0	30°	59.6	66.6	72.1	79.0	97.1	115.1	133.1	151.1	235.7	320.3
0.0	32.5°	55.5	62.4	69.3	76.3	99.8	123.4	145.6	169.2	280.1	389.6
0.0	35°	51.3	59.6	66.6	73.5	104.0	135.9	166.4	196.9	320.3	442.3
0.0	37.5°	49.9	58.2	65.2	72.1	105.4	137.3	170.5	202.4	324.5	446.5
0.0	40°	51.3	58.2	66.6	73.5	101.2	129.0	155.3	183.0	310.6	436.8
0.0	42.5°	51.3	59.6	67.9	76.3	98.4	120.6	142.8	165.0	306.4	447.9
0.0	45°	49.9	58.2	66.6	74.9	95.7	115.1	135.9	155.3	331.4	506.1
0.0	47.5°	48.5	56.8	65.2	73.5	94.3	115.1	135.9	156.7	428.5	698.8
0.0	50°	48.5	56.8	63.8	70.7	95.7	122.0	147.0	171.9	624.0	1074.6
0.0	52.5°	51.3	58.2	63.8	69.3	98.4	129.0	158.1	187.2	793.1	1397.7
0.0	55°	55.5	59.6	65.2	69.3	105.4	140.0	176.1	210.8	844.4	1478.1
0.0	57.5°	61.0	65.2	69.3	73.5	117.9	162.2	205.2	249.6	848.6	1446.2
0.0	60°	67.9	73.5	77.6	81.8	129.0	177.5	224.6	271.8	768.2	1263.2
0.0	62.5°	83.2	90.1	95.7	102.6	148.4	192.7	238.5	282.9	637.8	992.8
0.0	65°	95.7	101.2	106.8	112.3	156.7	202.4	246.8	291.2	540.8	790.3
0.0	67.5°	98.4	104.0	108.2	113.7	159.5	205.2	249.6	295.3	463.1	629.5
	70°	99.8	106.8	115.1	122.0	169.2	216.3	262.1	309.2	410.4	511.6
	72.5°	95.7	109.5	122.0	134.5	178.9	221.9	266.2	309.2	381.3	453.4
	75°	95.7	115.1	133.1	151.1	184.4	216.3	249.6	281.5	336.9	392.4
	77.5°	101.2	126.2	151.1	176.1	195.5	213.5	232.9	251.0	287.0	323.1
	80°	101.2	127.6	152.5	178.9	187.2	196.9	205.2	213.5	217.7	221.9
	82.5°	87.4	108.2	129.0	149.7	140.0	130.3	120.6	110.9	104.0	95.7
	85°	44.4	48.5	51.3	54.1	49.9	45.8	41.6	37.4	34.7	30.5
	87.5°	18.0	18.0	16.6	16.6	16.6	16.6	15.3	15.3	15.3	15.3
	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: P1049313

CATALOG NUMBER: GALN-SA9A-927-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
80.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
217.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
295.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
410.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
556.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
694.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
789.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
859.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
930.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1069.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1346.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2052.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3143.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3957.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4047.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3652.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3122.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2440.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1844.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1361.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
963.7											
716.9											
521.4											
392.4											
220.5											
99.8											
29.1											
13.9											
0.0											
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REPORT NUMBER: P1049313

CATALOG NUMBER: GALN-SA9A-927-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°	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
0.0	2.5°	104.0	102.6	102.6	101.2	99.8	98.4	97.1	95.7	94.3	92.9
0.0	5°	108.2	108.2	108.2	106.8	106.8	105.4	105.4	104.0	102.6	101.2
0.0	7.5°	112.3	113.7	113.7	115.1	115.1	115.1	115.1	113.7	113.7	113.7
0.0	10°	119.2	120.6	122.0	123.4	124.8	126.2	126.2	127.6	127.6	127.6
0.0	12.5°	127.6	131.7	134.5	138.7	141.4	145.6	148.4	152.5	155.3	158.1
0.0	15°	140.0	147.0	155.3	162.2	169.2	178.9	190.0	199.7	209.4	224.6
0.0	17.5°	158.1	180.3	202.4	223.2	245.4	294.0	342.5	389.6	438.2	508.9
0.0	20°	192.7	259.3	324.5	391.0	456.2	626.7	795.9	966.4	1135.6	1317.2
0.0	22.5°	270.4	434.0	597.6	761.2	924.8	1281.2	1636.2	1992.5	2347.5	2764.8
0.0	25°	392.4	693.3	994.2	1293.7	1594.6	2152.0	2710.7	3268.2	3825.6	4367.7
0.0	27.5°	571.3	1031.6	1492.0	1950.9	2411.2	3166.9	3924.0	4679.7	5435.4	6048.2
0.0	30°	791.7	1415.7	2039.6	2663.6	3287.6	4147.2	5006.9	5865.2	6724.9	7394.6
0.0	32.5°	999.7	1763.7	2527.7	3290.3	4054.3	5033.3	6013.6	6992.5	7971.4	8703.5
0.0	35°	1135.6	2059.1	2983.9	3907.4	4830.8	5890.2	6949.5	8007.5	9066.8	9902.9
0.0	37.5°	1271.5	2337.8	3402.6	4468.9	5533.8	6697.1	7860.5	9023.8	10187.1	11220.1
0.0	40°	1424.0	2674.7	3924.0	5174.7	6424.0	7802.2	9179.1	10557.4	11934.2	13391.5
0.0	42.5°	1688.8	3233.5	4779.5	6324.2	7868.8	9692.1	11515.5	13337.4	15160.8	17240.6
0.0	45°	2186.6	4363.5	6541.8	8718.8	10895.7	13311.1	15727.9	18143.3	20558.7	23326.3
0.0	47.5°	3405.4	6400.4	9394.0	12389.0	15382.6	17990.8	20597.5	23205.7	25812.4	28568.9
0.0	50°	5210.7	8696.6	12182.4	15666.9	19152.7	21512.7	23871.2	26231.2	28589.7	31211.8
0.0	52.5°	6516.9	10148.3	13781.1	17412.6	21044.0	23173.8	25305.0	27434.7	29564.5	32014.6
0.0	55°	6615.3	10226.0	13838.0	17448.6	21059.3	23198.7	25338.2	27477.7	29617.2	32214.2
0.0	57.5°	5856.9	9438.4	13018.5	16600.0	20180.2	22616.4	25051.2	27487.4	29922.2	32730.0
0.0	60°	4982.0	8564.9	12146.4	15729.3	19310.8	22117.2	24925.0	27731.5	30537.9	33168.2
0.0	62.5°	3886.6	7572.1	11259.0	14944.5	18630.0	21479.4	24328.8	27176.8	30026.2	31999.3
0.0	65°	2896.6	6475.3	10054.0	13631.4	17210.1	19492.4	21774.7	24055.6	26337.9	27559.5
0.0	67.5°	2093.7	5180.2	8265.4	11351.9	14437.0	16070.4	17703.8	19335.8	20969.1	21903.7
	70°	1415.7	3553.8	5690.5	7828.6	9965.3	11307.5	12651.1	13993.3	15335.5	16597.3
	72.5°	980.3	2181.1	3383.2	4584.0	5784.8	7135.3	8484.4	9835.0	11184.1	12519.4
	75°	650.3	1196.6	1744.3	2290.6	2836.9	3836.6	4837.8	5837.5	6837.2	7633.1
	77.5°	461.7	625.3	790.3	954.0	1117.6	1304.8	1493.3	1680.5	1867.7	2152.0
	80°	219.1	239.9	260.7	280.1	300.9	368.8	436.8	504.7	572.7	644.8
	82.5°	104.0	112.3	120.6	127.6	135.9	142.8	149.7	156.7	163.6	156.7
	85°	27.7	27.7	29.1	29.1	29.1	29.1	29.1	29.1	29.1	27.7
	87.5°	12.5	12.5	12.5	12.5	12.5	12.5	12.5	11.1	11.1	9.7
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
80.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
241.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1500.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3182.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4909.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6661.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8065.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9437.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10739.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12254.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14848.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19320.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26093.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31325.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33833.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34464.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34812.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35537.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35797.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33973.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28782.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22839.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17857.7											
13854.6											
8429.0											
2436.2											
716.9											
148.4											
26.3											
9.7											
0.0											
0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
0.0	2.5°	90.1	88.7	87.4	86.0	84.6	81.8	81.8	80.4	80.4
0.0	5°	98.4	97.1	95.7	94.3	94.3	92.9	91.5	91.5	90.1
0.0	7.5°	112.3	110.9	109.5	108.2	108.2	106.8	106.8	105.4	105.4
0.0	10°	129.0	129.0	129.0	129.0	129.0	127.6	127.6	127.6	126.2
0.0	12.5°	162.2	163.6	166.4	169.2	173.3	173.3	173.3	171.9	171.9
0.0	15°	256.5	271.8	282.9	294.0	303.7	325.8	323.1	318.9	316.1
0.0	17.5°	648.9	718.2	755.7	791.7	829.2	931.8	915.1	898.5	883.2
0.0	20°	1681.9	1863.6	1984.2	2104.8	2226.8	2419.6	2372.4	2325.3	2278.1
0.0	22.5°	3598.2	4015.5	4197.2	4378.8	4559.1	4792.0	4640.9	4489.7	4340.0
0.0	25°	5450.6	5992.8	6299.2	6605.6	6910.7	7043.8	6846.9	6648.6	6451.7
0.0	27.5°	7274.0	7886.8	8157.2	8426.2	8696.6	8975.3	8731.2	8485.8	8241.8
0.0	30°	8735.4	9405.1	9697.7	9988.9	10281.4	10475.6	10223.2	9969.5	9717.1
0.0	32.5°	10169.1	10901.2	11221.5	11541.8	11860.7	12139.4	11828.9	11516.9	11206.3
0.0	35°	11573.7	12409.8	12850.8	13291.7	13732.6	13991.9	13623.1	13252.9	12884.0
0.0	37.5°	13287.5	14320.5	14814.1	15307.8	15801.4	16274.2	15867.9	15460.3	15054.0
0.0	40°	16306.1	17763.4	18520.5	19278.9	20036.0	20646.1	20133.0	19620.0	19107.0
0.0	42.5°	21400.4	23480.2	24568.7	25655.8	26744.2	27696.8	27157.4	26618.0	26078.7
0.0	45°	28861.5	31629.1	32956.1	34281.6	35608.6	36304.6	35528.2	34750.3	33973.8
0.0	47.5°	34080.6	36837.1	38018.4	39199.8	40381.2	41175.7	40225.9	39276.1	38327.6
0.0	50°	36454.4	39076.4	40261.9	41446.0	42631.6	43262.5	42165.7	41067.5	39970.7
0.0	52.5°	36913.3	39363.4	40777.7	42193.4	43607.7	44450.7	43155.7	41859.2	40564.2
0.0	55°	37409.7	40006.8	41647.1	43288.8	44929.1	46096.6	44632.4	43166.8	41702.6
0.0	57.5°	38344.3	41152.1	42788.2	44423.0	46059.2	47050.6	45582.2	44112.4	42644.0
0.0	60°	38427.5	41056.4	42462.4	43869.8	45275.8	45899.7	44495.1	43089.1	41684.5
0.0	62.5°	35946.9	37920.0	38896.1	39872.3	40848.4	41526.5	40060.9	38593.9	37128.3
0.0	65°	30004.0	31225.6	32003.5	32781.4	33559.2	34367.6	33025.4	31683.2	30341.0
0.0	67.5°	23774.2	24708.7	25733.4	26758.1	27782.8	28646.6	27572.0	26496.0	25421.4
	70°	19119.5	20379.8	21532.1	22684.3	23836.6	24543.7	23465.0	22384.8	21306.1
	72.5°	15189.9	16525.2	17487.5	18448.3	19410.6	19584.0	18790.8	17997.7	17206.0
	75°	9223.5	10019.4	10038.8	10056.8	10076.2	10241.2	9584.0	8926.8	8270.9
	77.5°	2720.5	3004.7	3239.0	3472.0	3706.3	3989.2	3747.9	3505.3	3264.0
	80°	787.6	859.7	920.7	980.3	1041.3	1005.3	948.4	891.6	834.7
	82.5°	141.4	133.1	131.7	130.3	130.3	123.4	112.3	101.2	90.1
	85°	25.0	23.6	22.2	20.8	19.4	18.0	15.3	13.9	11.1
	87.5°	8.3	6.9	5.5	4.2	4.2	1.4	1.4	1.4	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049313

CATALOG NUMBER: GALN-SA9A-927-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°	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
0.0	0.0	2.5°	79.0	77.6	77.6	77.6	77.6	76.3	76.3	76.3	76.3
0.0	0.0	5°	87.4	87.4	86.0	86.0	84.6	84.6	83.2	83.2	81.8
0.0	0.0	7.5°	102.6	101.2	99.8	98.4	97.1	94.3	92.9	91.5	91.5
0.0	0.0	10°	123.4	120.6	119.2	116.5	115.1	112.3	109.5	106.8	104.0
0.0	0.0	12.5°	162.2	156.7	152.5	147.0	141.4	137.3	131.7	127.6	122.0
0.0	0.0	15°	281.5	267.6	252.4	234.3	214.9	196.9	177.5	166.4	153.9
0.0	0.0	17.5°	719.6	647.5	574.0	514.4	454.8	396.6	336.9	294.0	251.0
0.0	0.0	20°	1831.7	1632.0	1432.3	1235.4	1037.2	840.3	642.0	542.1	442.3
0.0	0.0	22.5°	3447.0	3076.8	2705.2	2346.1	1985.6	1626.4	1267.3	1041.3	816.7
0.0	0.0	25°	5320.3	4854.4	4388.5	3797.8	3205.8	2615.1	2024.4	1657.0	1289.5
0.0	0.0	27.5°	6923.2	6386.6	5850.0	5131.7	4413.5	3695.2	2977.0	2429.3	1883.0
0.0	0.0	30°	8311.1	7734.3	7157.5	6321.4	5485.3	4649.2	3813.1	3128.1	2443.1
0.0	0.0	32.5°	9514.7	8824.1	8133.6	7271.2	6408.7	5546.3	4683.8	3843.6	3003.3
0.0	0.0	35°	10902.6	10097.0	9290.0	8333.3	7375.2	6418.4	5461.7	4513.3	3563.5
0.0	0.0	37.5°	12666.3	11677.7	10687.7	9621.4	8555.2	7490.3	6424.0	5339.7	4255.4
0.0	0.0	40°	16042.6	14767.0	13491.4	12136.7	10780.6	9425.9	8071.2	6740.1	5409.0
0.0	0.0	42.5°	22092.3	20368.8	18645.2	16842.7	15038.8	13236.2	11432.3	9554.9	7676.1
0.0	0.0	45°	28919.7	26781.7	24642.2	22619.2	20594.8	18571.8	16548.7	13972.5	11396.2
0.0	0.0	47.5°	32759.2	30450.5	28141.9	26227.0	24312.2	22397.3	20482.5	17705.1	14927.8
0.0	0.0	50°	34172.1	31821.8	29471.6	27709.3	25945.5	24183.2	22419.5	19638.0	16855.2
0.0	0.0	52.5°	34473.0	32075.6	29678.2	27904.8	26131.3	24359.3	22585.9	19822.4	17059.0
0.0	0.0	55°	35091.4	32519.3	29945.8	27924.2	25902.6	23880.9	21859.3	19051.5	16243.7
0.0	0.0	57.5°	35899.8	33262.5	30625.2	28322.1	26019.0	23717.3	21414.2	18344.4	15274.5
0.0	0.0	60°	35687.6	33392.8	31096.7	28630.0	26161.9	23695.1	21227.0	17850.7	14473.0
0.0	0.0	62.5°	32004.9	30177.4	28348.5	26319.9	24290.0	22261.4	20232.9	16756.7	13280.6
0.0	0.0	65°	26329.6	24995.7	23661.9	22029.9	20396.5	18764.5	17132.5	14015.5	10899.8
0.0	0.0	67.5°	21339.4	19836.3	18331.9	17031.3	15729.3	14428.7	13126.7	10673.8	8221.0
		70°	16953.6	15318.9	13682.7	12412.6	11141.1	9871.0	8600.9	6970.3	5341.1
		72.5°	13463.6	11989.7	10515.8	9161.1	7805.0	6450.3	5094.3	4130.6	3166.9
		75°	6435.1	5845.8	5256.5	4548.0	3839.4	3130.9	2422.3	2002.2	1583.5
		77.5°	2384.9	2067.4	1748.5	1460.1	1171.7	884.6	596.2	546.3	496.4
		80°	617.0	538.0	457.6	400.7	342.5	285.6	228.8	206.6	185.8
		82.5°	70.7	65.2	61.0	58.2	54.1	51.3	47.1	43.0	38.8
		85°	4.2	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049313

CATALOG NUMBER: GALN-SA9A-927-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	80.4	80.4
0.0	0.0	2.5°	74.9	73.5
0.0	0.0	5°	79.0	77.6
0.0	0.0	7.5°	87.4	84.6
0.0	0.0	10°	95.7	92.9
0.0	0.0	12.5°	108.2	104.0
0.0	0.0	15°	122.0	113.7
0.0	0.0	17.5°	145.6	127.6
0.0	0.0	20°	196.9	151.1
0.0	0.0	22.5°	277.3	188.6
0.0	0.0	25°	407.7	260.7
0.0	0.0	27.5°	567.1	346.6
0.0	0.0	30°	754.3	434.0
0.0	0.0	32.5°	919.3	517.2
0.0	0.0	35°	1134.2	601.8
0.0	0.0	37.5°	1399.1	709.9
0.0	0.0	40°	1809.5	873.5
0.0	0.0	42.5°	2548.5	1175.8
0.0	0.0	45°	4138.9	2032.7
0.0	0.0	47.5°	6368.5	3362.4
0.0	0.0	50°	7791.2	4291.4
0.0	0.0	52.5°	7907.6	4284.5
0.0	0.0	55°	7218.5	3808.9
0.0	0.0	57.5°	6159.2	3183.6
0.0	0.0	60°	5119.2	2518.0
0.0	0.0	62.5°	4033.5	1738.8
0.0	0.0	65°	2947.9	1229.9
0.0	0.0	67.5°	2117.3	919.3
		70°	1392.1	704.4
		72.5°	906.8	574.0
		75°	610.1	475.6
		77.5°	356.3	316.1
		80°	126.2	110.9
		82.5°	23.6	16.6
		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: P1049313

CATALOG NUMBER: GALN-SA9A-927-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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-13

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-927-U-5WQ

Data in this report applies to families of products including GSS-SB1A-927-U-5WQ

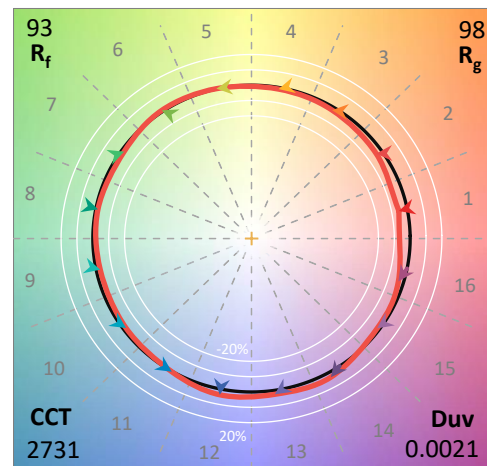
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-13
 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-927-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2731
 CIE u' : 0.2605
 CIE v' : 0.5298
 Duv: 0.0021
 CIE x: 0.4610
 CIE y: 0.4166
 CIE z: 0.1224
 Peak Wavelength (nm): 622
 Dominant Wavelength (nm): 583
 Purity: 63.43685
 R_f: 92.6
 R_g: 98

CRI (Ra): 91.8
 R1: 91.4
 R2: 95.1
 R3: 97.6
 R4: 92.3
 R5: 91.1
 R6: 94.7
 R7: 92.3
 R8: 80.0
 R9: 54.7
 R10: 87.7
 R11: 92.9
 R12: 84.0
 R13: 92.2
 R14: 97.8
 R15: 86.8



Test Conditions

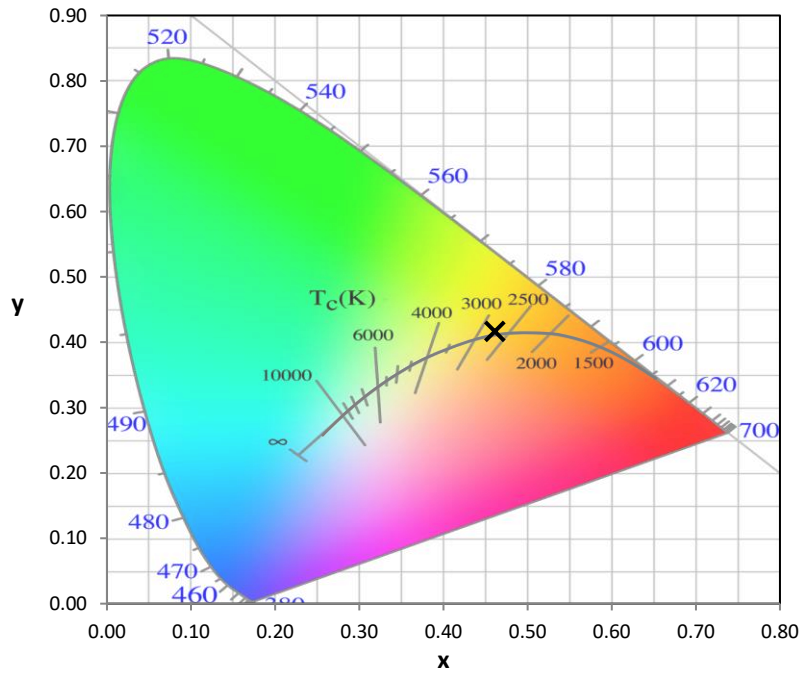
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-13

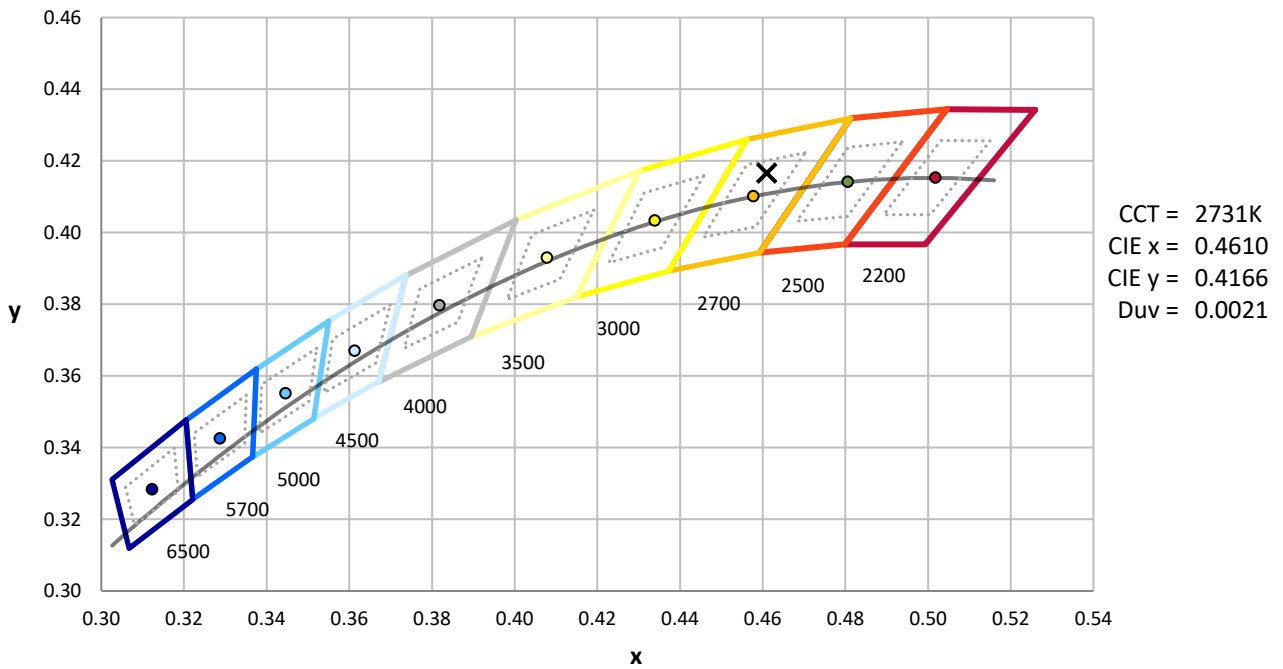
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



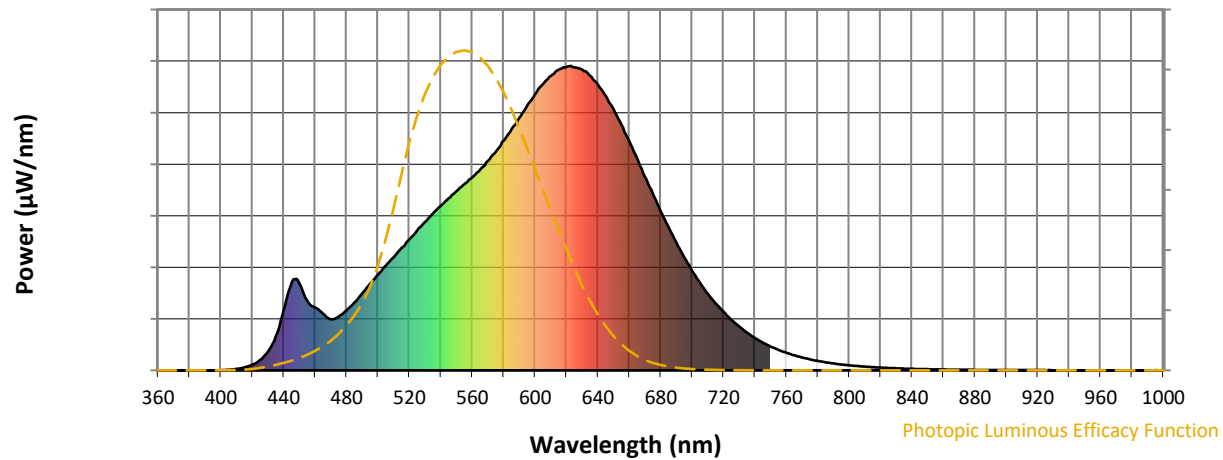
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-13

Photopic Flux vs. Wavelength

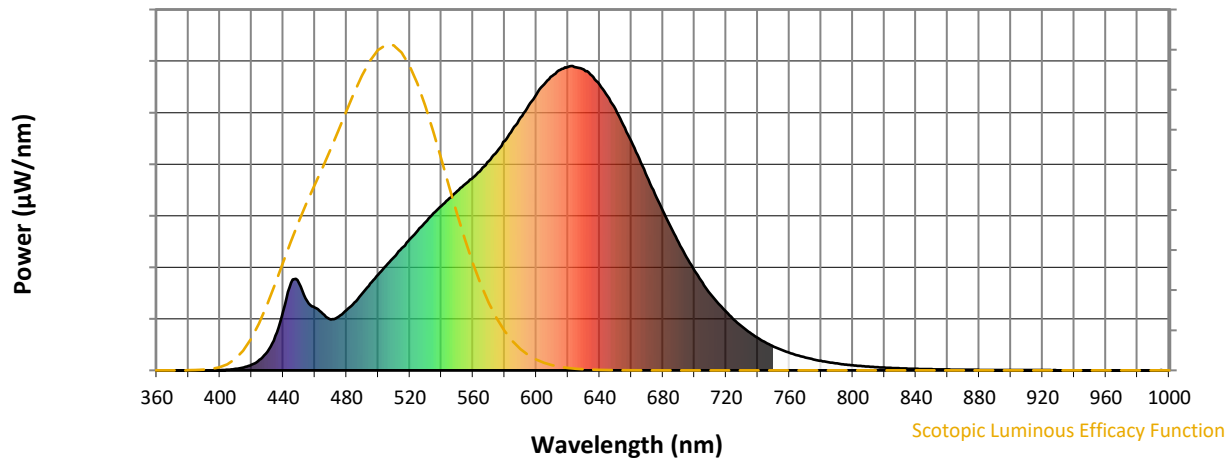


Photopic Lumens: NR

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



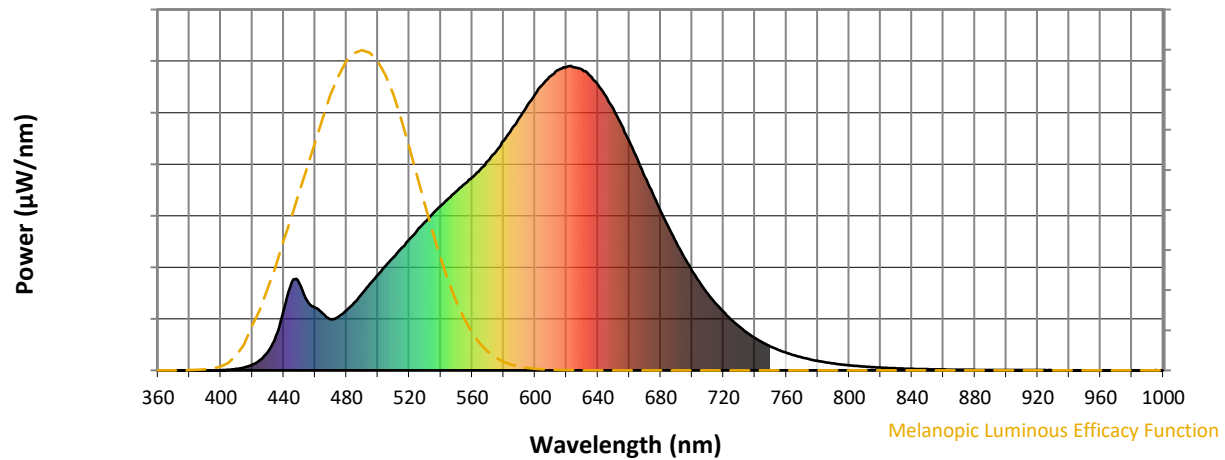
Scotopic Lumens: NR

S/P: 1.27

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.38

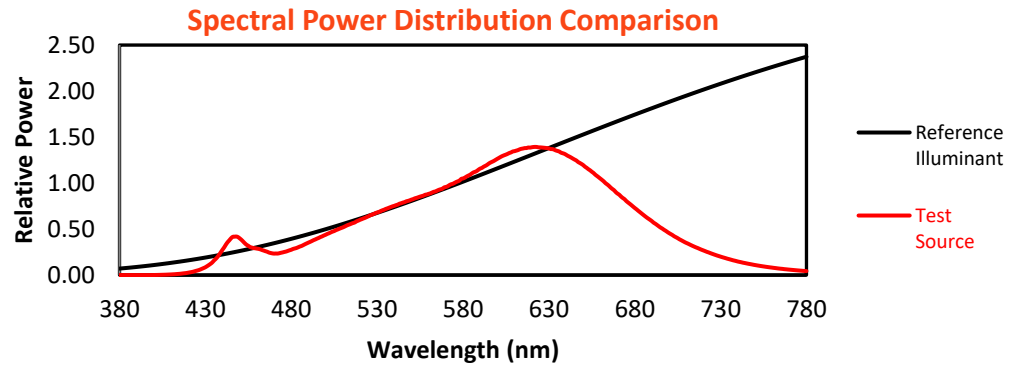
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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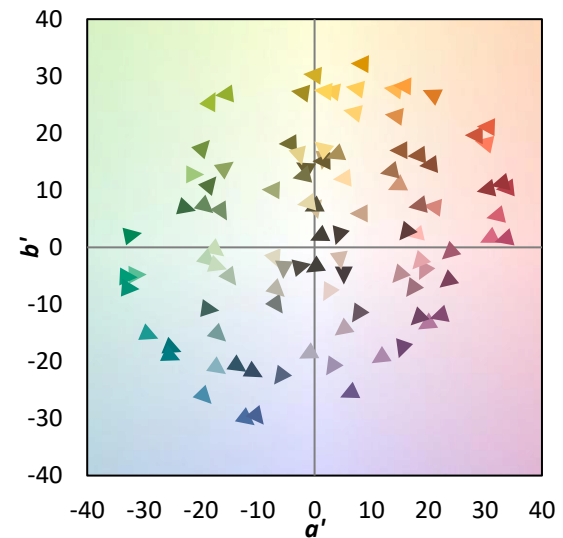
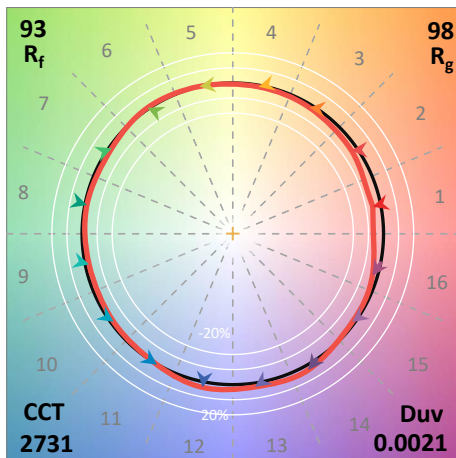
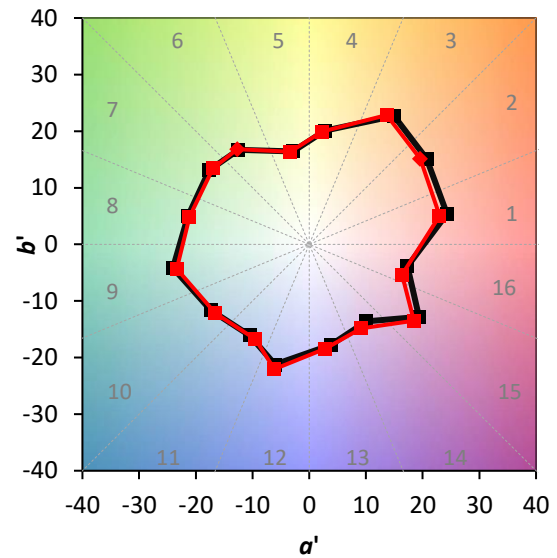
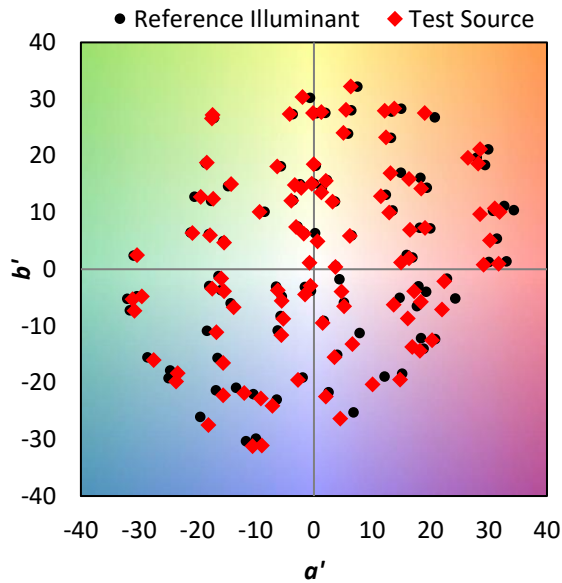
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98$
 $CIE R_a = 91.8$
 $R_9 = 54.7$

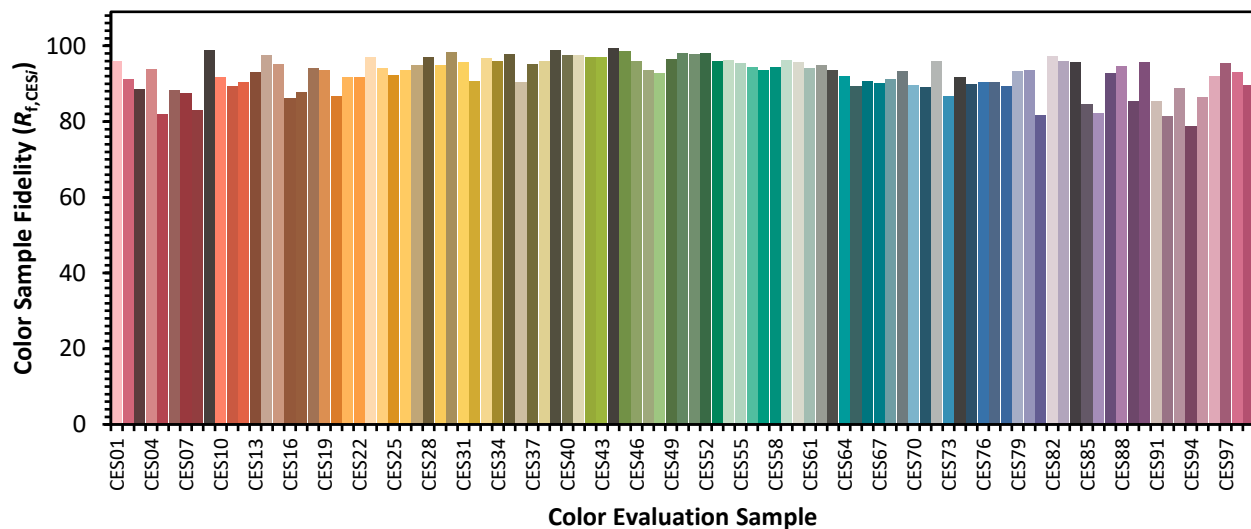


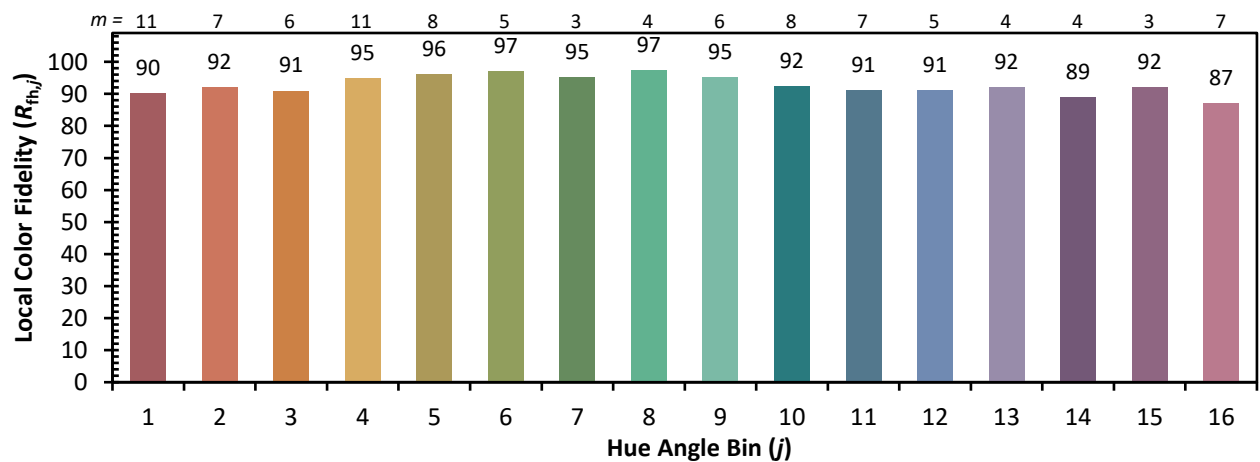
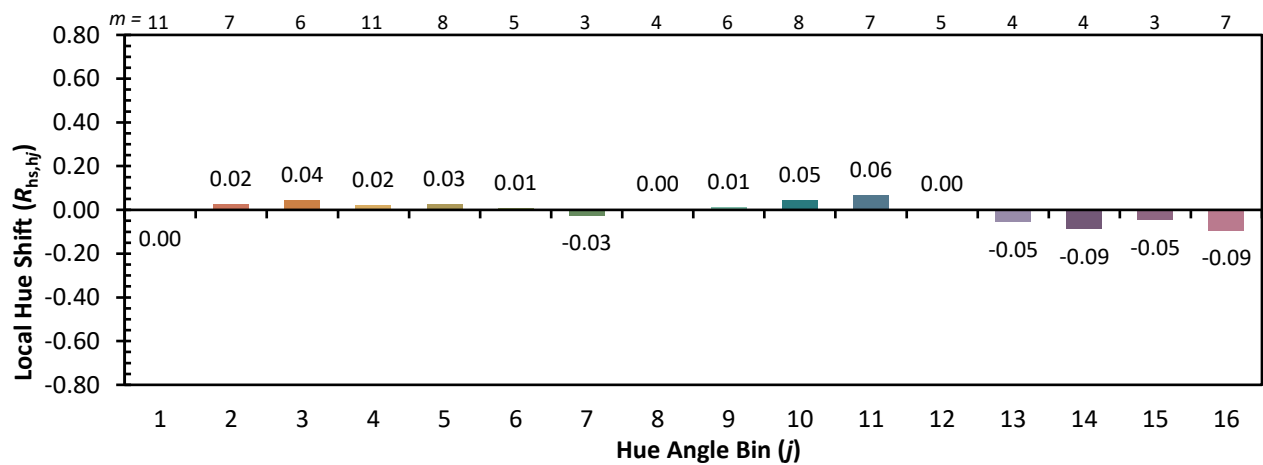
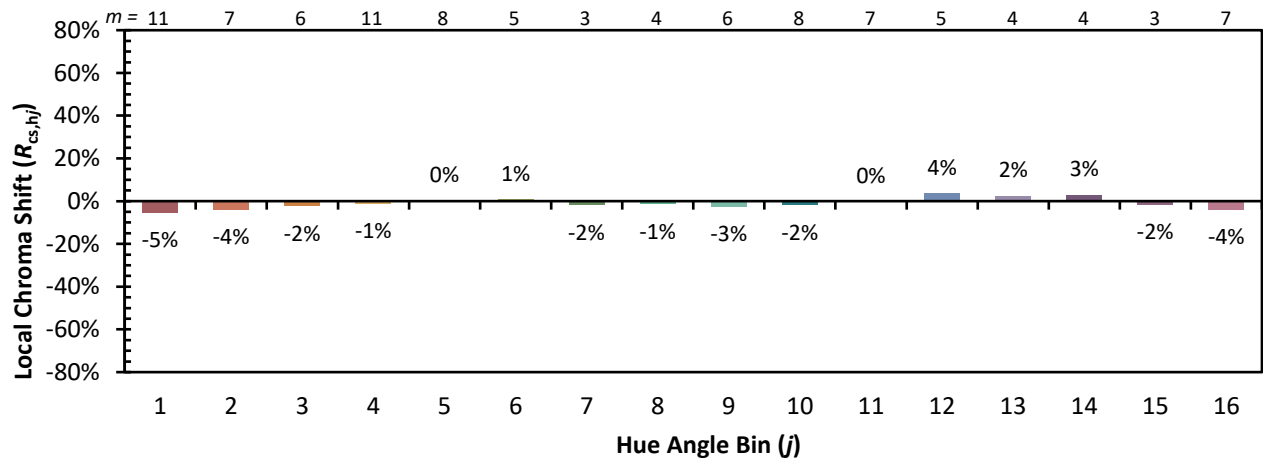
Color Vector Graphics

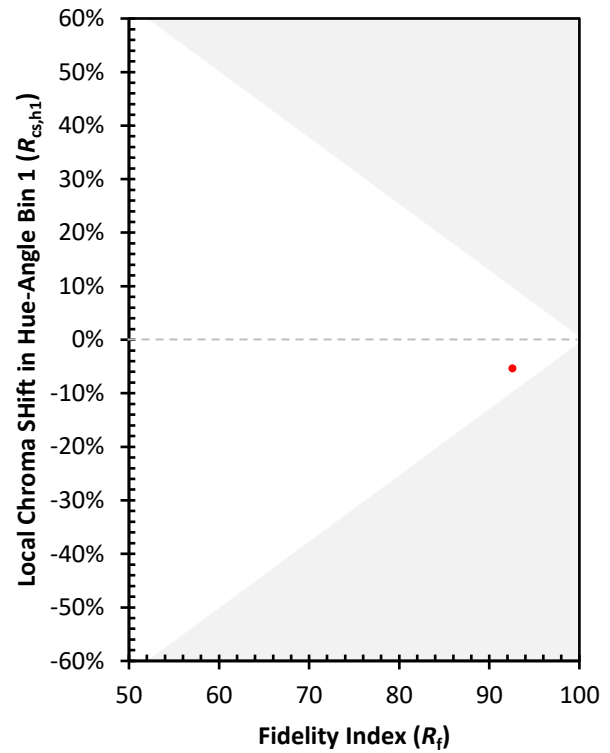
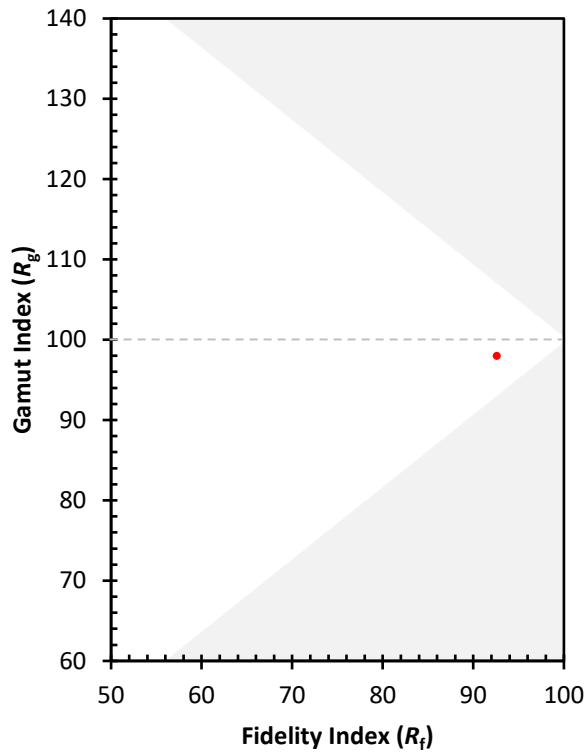


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 64	CES27 = 95	CES52 = 98	CES77 = 90
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 89
CES04 = 71	CES29 = 95	CES54 = 96	CES79 = 93
CES05 = 51	CES30 = 98	CES55 = 95	CES80 = 94
CES06 = 52	CES31 = 96	CES56 = 94	CES81 = 82
CES07 = 44	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 43	CES33 = 97	CES58 = 94	CES83 = 96
CES09 = 29	CES34 = 96	CES59 = 96	CES84 = 96
CES10 = 77	CES35 = 98	CES60 = 96	CES85 = 85
CES11 = 59	CES36 = 90	CES61 = 94	CES86 = 82
CES12 = 66	CES37 = 95	CES62 = 95	CES87 = 93
CES13 = 44	CES38 = 96	CES63 = 94	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 85
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 91	CES91 = 85
CES17 = 50	CES42 = 97	CES67 = 90	CES92 = 82
CES18 = 57	CES43 = 97	CES68 = 91	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 93	CES94 = 79
CES20 = 68	CES45 = 99	CES70 = 90	CES95 = 87
CES21 = 87	CES46 = 96	CES71 = 89	CES96 = 92
CES22 = 79	CES47 = 94	CES72 = 96	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 87	CES98 = 93
CES24 = 91	CES49 = 96	CES74 = 92	CES99 = 90
CES25 = 72	CES50 = 98	CES75 = 90	



Color Rendition by Hue-Angle Bin


Measure Comparisons


(END OF REPORT)