

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: P1049289

Luminaire Tested: **GALN-SA3A-927-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049289
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3A-927-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
90CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (42) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6256.3 lumens
Efficiency: N/A
Efficacy: 76.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 81.4
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

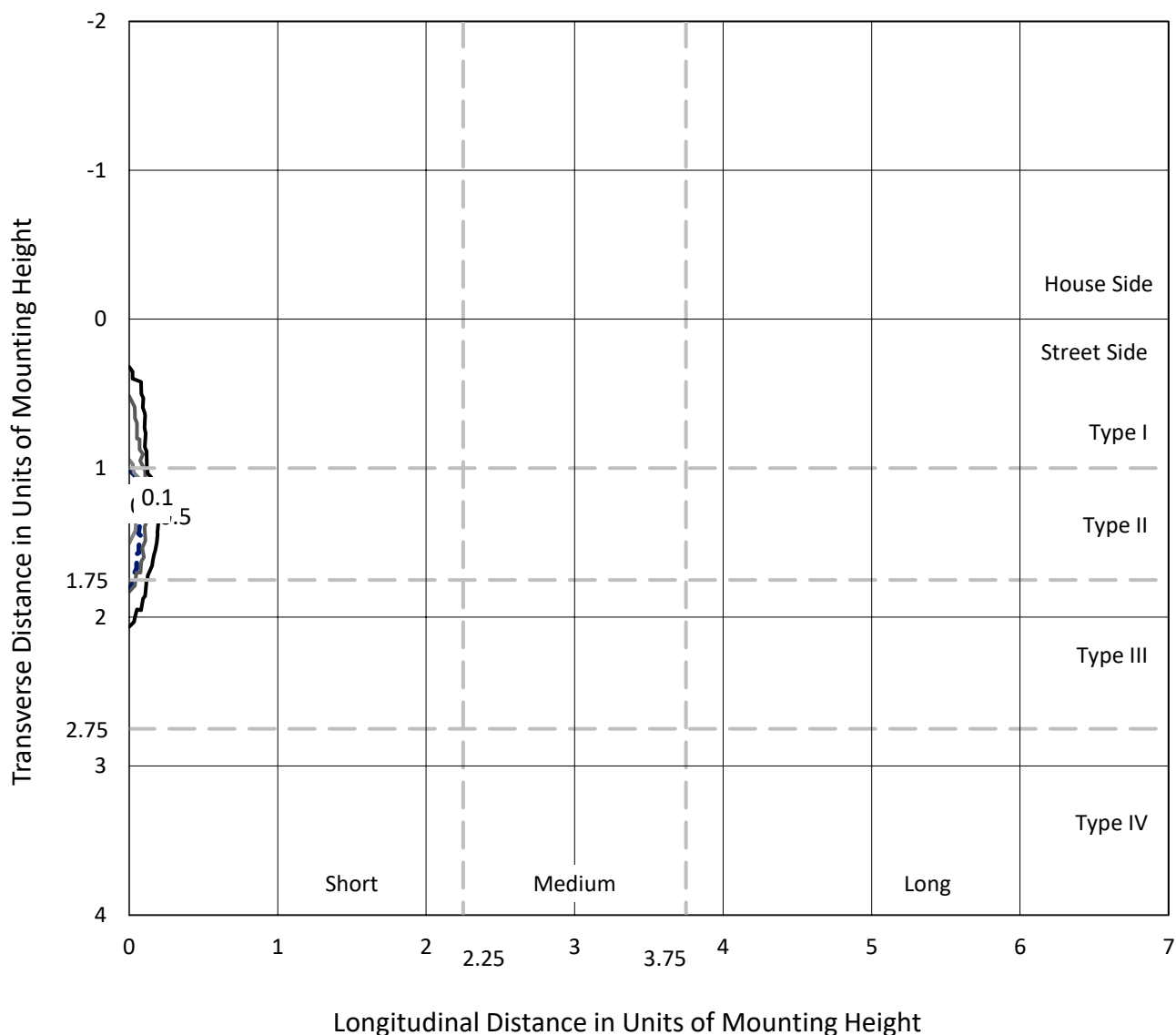
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

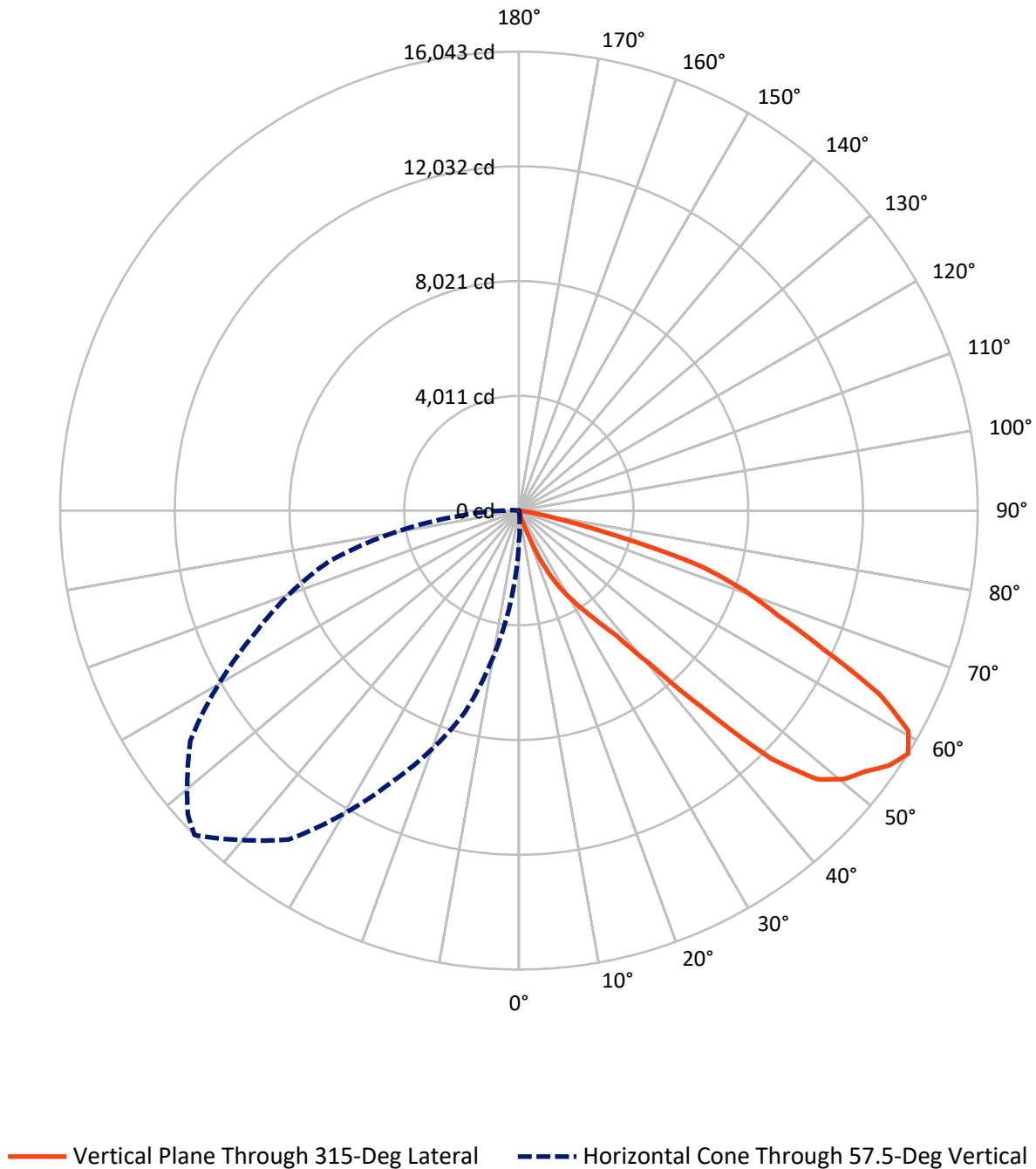


Based on 20 foot mounting height. Maximum calculated value = 0.9 fc

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	31.3	0.0	31.3
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	6224.9	0.0	6224.9
	% Fixture	99.5	0.0	99.5
Total	Lumens	6256.3	0.0	6256.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.5	0.0
10°-20°	13.7	0.2
20°-30°	148.3	2.4
30°-40°	438.4	7.0
40°-50°	1306.7	20.9
50°-60°	2071.9	33.1
60°-70°	1729.6	27.6
70°-80°	533.3	8.5
80°-90°	11.9	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	6256.3	100.0
0°-180°	6256.3	100.0

Coefficient of Utilization



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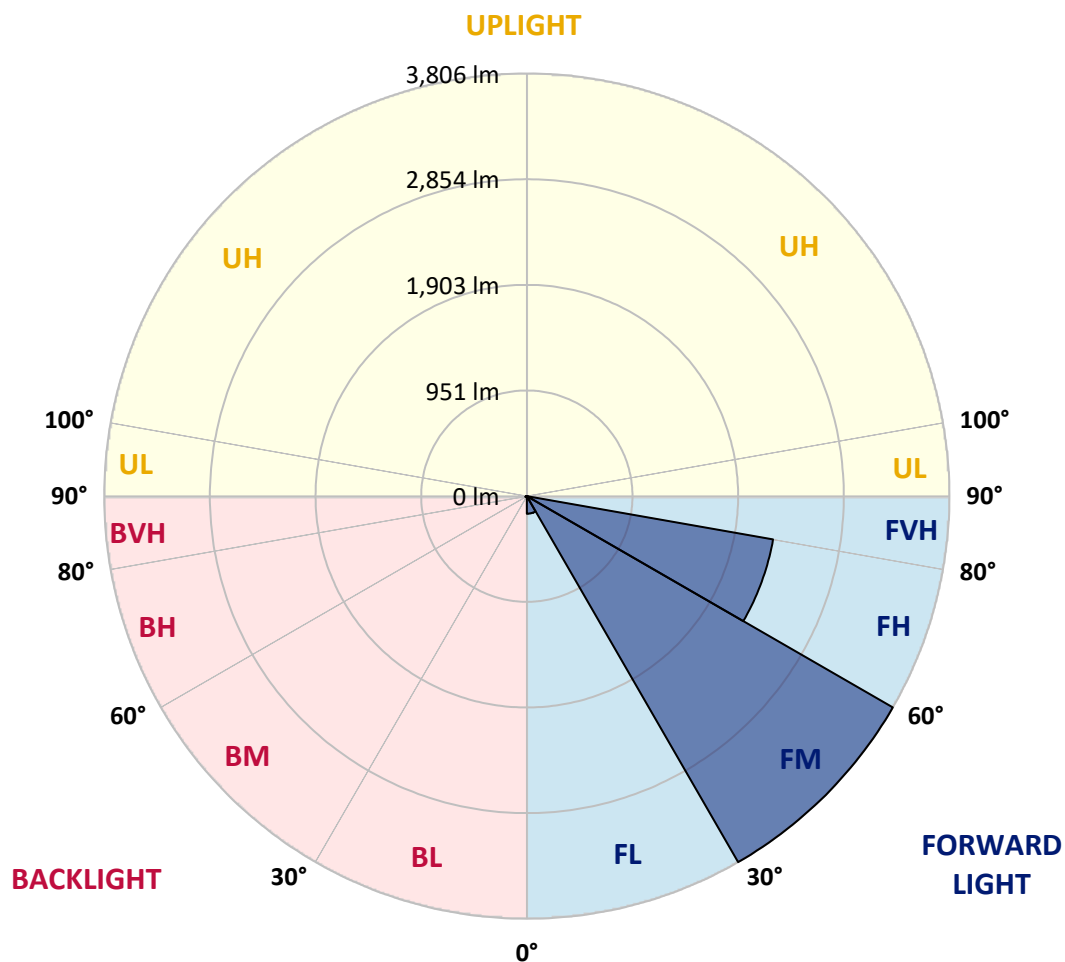
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	158.7	2.5			
FM	(30°-60°)	3805.9	60.8			
FH	(60°-80°)	2251.2	36.0			G2/5000
FVH	(80°-90°)	9.2	0.1			G0/10
BL	(0°-30°)	5.8	0.1	B0/110		
BM	(30°-60°)	11.2	0.2	B0/220		
BH	(60°-80°)	11.7	0.2	B0/110		G0/110
BVH	(80°-90°)	2.7	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
2.5°	25.1	25.1	25.1	25.1	24.6	24.6	24.1	24.1	23.6	23.6
5°	26.5	26.5	26.0	25.5	25.5	25.1	24.6	24.1	24.1	23.6
7.5°	28.8	28.4	27.9	27.4	26.5	26.0	25.1	24.6	24.1	23.2
10°	31.7	30.7	29.8	28.8	27.9	26.9	26.0	25.5	24.6	24.1
12.5°	35.5	34.0	32.1	30.7	29.8	28.4	27.4	26.5	25.1	24.1
15°	38.8	36.9	34.5	32.6	31.2	29.3	27.9	26.5	25.5	24.1
17.5°	43.5	40.2	36.4	34.0	32.1	29.8	27.4	26.0	24.6	22.7
20°	51.5	44.9	37.8	35.0	32.1	29.3	26.5	24.6	23.2	21.3
22.5°	64.3	53.0	41.6	37.3	33.6	29.3	25.5	23.6	21.7	19.9
25°	88.9	68.6	48.2	42.6	36.9	31.2	25.5	23.2	21.3	18.9
27.5°	118.2	87.9	57.2	49.2	41.6	33.6	25.5	22.7	20.3	17.5
30°	148.0	107.8	67.1	56.7	46.3	35.9	25.5	22.2	19.4	16.1
32.5°	176.3	126.2	75.6	63.4	51.1	38.3	26.0	22.2	18.4	14.7
35°	205.2	141.4	77.1	64.3	51.5	38.3	25.5	21.3	17.5	13.2
37.5°	242.1	158.4	74.2	61.5	49.2	36.4	24.1	20.3	16.5	12.3
40°	297.9	186.7	75.6	62.4	49.2	35.9	22.7	18.9	15.6	11.8
42.5°	400.9	241.6	81.8	66.7	51.5	35.9	20.8	17.5	14.7	11.3
45°	693.1	401.4	109.7	87.0	64.3	41.6	18.9	16.1	13.7	10.9
47.5°	1146.5	671.8	197.1	152.2	107.8	62.9	18.4	16.1	13.7	10.9
50°	1463.3	855.7	248.2	191.0	133.8	76.6	19.4	16.5	14.2	11.3
52.5°	1460.9	869.0	276.6	212.3	148.5	84.2	20.3	17.5	15.1	12.3
55°	1298.7	790.5	281.8	216.5	151.8	86.5	21.7	18.9	16.1	13.2
57.5°	1085.5	671.3	257.2	199.0	141.4	83.2	25.1	21.7	18.9	15.6
60°	858.6	529.5	200.5	158.4	116.8	74.7	33.1	28.8	25.1	20.8
62.5°	592.9	383.9	174.9	140.4	106.4	71.9	37.8	33.6	29.8	25.5
65°	419.4	288.9	157.9	128.6	99.8	70.4	41.1	36.4	32.1	27.4
67.5°	313.5	229.8	145.6	120.6	95.5	70.4	45.4	39.7	34.5	28.8
70°	240.2	188.6	136.6	116.3	96.4	76.1	55.8	47.8	40.2	32.1
72.5°	195.7	161.2	126.2	111.6	96.9	82.3	67.6	57.2	46.8	35.9
75°	162.2	138.1	113.9	101.6	89.8	77.5	65.2	55.8	46.8	37.3
77.5°	107.8	98.3	88.4	81.3	74.2	66.7	59.6	51.5	44.0	35.9
80°	37.8	36.4	35.0	37.8	40.7	43.5	46.3	40.7	35.5	29.8
82.5°	5.7	5.2	4.7	5.2	5.7	6.1	6.6	7.1	7.6	8.0
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):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
0.0	2.5°	23.2	23.2	22.7	22.7	22.7	22.2	22.2	21.7	21.7	21.7
0.0	5°	22.7	22.7	22.2	21.7	21.3	21.3	20.8	20.3	20.3	19.9
0.0	7.5°	22.2	21.7	21.3	20.8	20.3	19.9	19.4	18.9	18.9	18.4
0.0	10°	22.7	21.7	21.3	20.3	19.9	19.4	18.4	18.0	17.5	17.5
0.0	12.5°	21.7	21.3	20.3	19.4	18.9	18.0	17.5	16.5	16.1	16.1
0.0	15°	21.7	20.8	19.4	18.4	17.5	17.0	16.1	15.1	14.7	14.2
0.0	17.5°	20.3	19.4	18.0	17.0	16.1	15.1	14.2	13.2	12.8	12.3
0.0	20°	18.4	17.5	16.1	14.7	13.7	12.8	11.8	10.9	10.4	9.9
0.0	22.5°	16.5	15.6	14.2	12.8	11.8	10.9	9.5	8.5	8.0	7.1
0.0	25°	15.6	14.2	12.8	11.3	9.9	9.0	7.6	6.1	5.2	4.3
0.0	27.5°	13.2	11.8	10.4	9.0	7.6	6.1	4.7	3.3	2.4	1.9
0.0	30°	11.3	9.9	8.5	7.1	5.2	3.8	2.4	0.5	0.5	0.5
0.0	32.5°	9.5	8.0	6.1	4.7	3.8	2.4	1.4	0.0	0.0	0.0
0.0	35°	7.6	6.1	4.3	2.8	2.4	1.4	0.9	0.0	0.0	0.0
0.0	37.5°	6.6	5.2	3.3	1.4	0.9	0.9	0.5	0.0	0.0	0.0
0.0	40°	6.1	4.3	2.4	0.5	0.5	0.5	0.0	0.0	0.0	0.0
0.0	42.5°	6.1	4.3	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	6.1	4.3	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	6.1	4.3	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	6.6	4.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	7.6	5.7	3.8	1.9	1.4	0.9	0.5	0.0	0.0	0.0
0.0	55°	9.5	8.5	7.1	6.1	4.7	3.3	1.4	0.0	0.0	0.0
0.0	57.5°	12.3	12.3	11.8	11.3	8.5	5.7	2.8	0.0	0.0	0.0
0.0	60°	16.5	16.5	16.5	16.5	12.3	8.5	4.3	0.0	0.0	0.0
0.0	62.5°	20.3	19.4	18.0	17.0	12.8	8.5	4.3	0.0	0.0	0.0
0.0	65°	20.3	18.4	16.1	13.7	10.4	7.1	3.3	0.0	0.0	0.0
0.0	67.5°	18.9	15.1	10.9	7.1	5.2	3.8	1.9	0.0	0.0	0.0
	70°	18.9	13.2	7.6	1.9	1.4	0.9	0.5	0.0	0.0	0.0
	72.5°	18.9	12.8	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	20.8	14.2	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	20.8	14.2	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	18.4	12.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	6.1	4.3	1.9	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):

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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°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
0.0	2.5°	21.3	21.3	21.3	20.8	20.8	20.8	20.8	20.3	20.3	20.3
0.0	5°	19.4	19.4	18.9	18.9	18.4	18.4	18.0	18.0	17.5	17.5
0.0	7.5°	18.0	17.5	17.5	17.0	16.5	16.5	16.1	16.1	15.6	15.1
0.0	10°	16.5	16.1	16.1	15.6	15.1	14.7	14.7	14.2	13.7	13.2
0.0	12.5°	15.1	14.7	14.2	13.7	13.2	12.8	12.8	12.3	11.8	11.3
0.0	15°	13.2	12.8	12.3	11.8	11.3	10.9	10.9	10.4	9.9	9.5
0.0	17.5°	11.3	10.9	10.9	10.4	9.9	9.5	9.0	8.0	7.6	7.1
0.0	20°	8.5	8.0	7.6	7.1	6.6	5.7	5.2	4.3	3.3	2.8
0.0	22.5°	5.7	4.7	4.3	3.3	2.4	1.9	1.4	0.5	0.0	0.0
0.0	25°	1.9	1.4	0.9	0.5	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: P1049289

CATALOG NUMBER: GALN-SA3A-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049289

CATALOG NUMBER: GALN-SA3A-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°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
0.0	2.5°	19.9	19.9	19.9	19.4	19.4	19.4	19.4	19.4	19.4	19.4
0.0	5°	17.0	17.0	17.0	16.5	16.5	16.1	16.1	16.1	15.6	15.6
0.0	7.5°	14.7	14.2	14.2	13.7	13.7	13.2	13.2	13.2	12.8	12.8
0.0	10°	12.3	11.8	11.8	11.3	11.3	10.9	10.9	10.4	10.4	9.9
0.0	12.5°	10.9	10.4	9.9	9.5	9.5	9.0	8.5	8.5	8.0	7.6
0.0	15°	8.5	8.0	7.6	7.1	6.6	6.1	5.7	5.7	5.2	4.7
0.0	17.5°	5.7	4.7	4.3	3.8	3.8	3.3	2.8	2.4	1.9	1.4
0.0	20°	1.4	0.9	0.5	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: P1049289

CATALOG NUMBER: GALN-SA3A-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°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
0.0	2.5°	19.4	18.9	18.9	18.9	19.4	19.4	19.4	19.4	19.4	19.4
0.0	5°	15.6	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
0.0	7.5°	12.8	12.3	12.3	12.3	12.3	11.8	11.8	11.8	11.8	11.8
0.0	10°	9.9	9.5	9.5	9.5	9.5	9.0	9.0	9.0	9.0	9.0
0.0	12.5°	7.1	7.1	6.6	6.6	6.6	6.1	6.1	6.1	6.1	5.7
0.0	15°	4.3	3.8	3.3	3.3	3.3	2.8	2.8	2.8	2.8	2.4
0.0	17.5°	0.9	0.9	0.5	0.5	0.5	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: P1049289

CATALOG NUMBER: GALN-SA3A-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°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
0.0	2.5°	19.9	19.9	20.3	20.3	20.8	21.7	22.2	22.7	23.6	24.6
0.0	5°	15.6	16.1	16.1	16.5	17.0	17.5	18.0	18.4	19.4	20.3
0.0	7.5°	12.3	12.3	12.8	12.8	13.2	14.2	14.7	15.1	16.1	17.5
0.0	10°	9.5	9.5	9.9	9.9	10.4	11.3	11.8	12.3	13.2	14.7
0.0	12.5°	6.1	6.6	6.6	7.1	7.6	8.5	9.0	9.5	10.4	11.3
0.0	15°	2.8	3.3	3.3	3.8	4.3	5.2	5.7	6.1	7.1	8.5
0.0	17.5°	0.5	0.5	0.9	0.9	1.4	1.9	2.4	2.8	4.3	5.2
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.9
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
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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CATALOG NUMBER: GALN-SA3A-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°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
0.0	2.5°	26.0	26.9	27.9	28.8	29.8	30.7	31.2	32.1	32.6	33.1
0.0	5°	22.2	23.2	24.6	25.5	26.5	27.4	28.4	28.8	29.3	29.8
0.0	7.5°	19.4	20.3	21.7	22.7	23.6	24.6	25.5	26.5	26.9	27.4
0.0	10°	16.5	18.0	18.9	20.3	21.3	22.2	23.2	24.1	25.1	25.5
0.0	12.5°	13.2	14.7	16.1	17.0	18.4	19.9	20.8	21.7	22.7	23.6
0.0	15°	10.4	11.8	13.2	14.2	15.6	17.0	18.4	19.4	20.3	21.3
0.0	17.5°	7.6	9.0	10.4	11.3	12.8	14.2	15.1	16.5	17.5	18.4
0.0	20°	3.8	5.2	6.6	8.0	9.5	10.9	11.8	13.2	14.2	15.1
0.0	22.5°	0.5	1.9	3.3	4.3	5.7	7.1	8.0	9.5	10.4	11.3
0.0	25°	0.0	0.5	1.4	1.9	2.4	3.3	4.3	5.2	6.1	7.1
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.5	0.9	1.9	2.8	3.8
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
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	0.5
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.9
	85°	0.0	0.0	0.0	0.0	0.0	0.9	1.4	2.4	2.8	3.3
	87.5°	0.0	0.5	0.9	1.4	1.9	2.8	3.8	4.7	5.2	5.7
	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: P1049289

CATALOG NUMBER: GALN-SA3A-927-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
27.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
0.5											
1.9											
4.3											
6.1											
0.0											
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REPORT NUMBER: P1049289

CATALOG NUMBER: GALN-SA3A-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°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
0.0	2.5°	33.6	33.6	33.6	33.6	33.1	33.1	33.1	32.6	32.6	32.1
0.0	5°	30.7	31.2	31.2	31.2	31.2	31.2	31.2	31.2	30.7	30.7
0.0	7.5°	28.4	28.8	29.3	29.3	29.8	29.8	29.8	29.3	29.3	28.8
0.0	10°	26.9	27.4	27.4	27.9	27.9	27.9	27.9	27.9	27.9	27.9
0.0	12.5°	25.1	25.5	26.0	26.0	26.5	26.5	26.5	26.5	26.0	26.0
0.0	15°	22.7	23.6	24.1	24.6	24.6	25.1	25.1	25.1	25.1	25.1
0.0	17.5°	20.8	21.7	22.2	22.7	22.7	23.2	23.2	23.6	23.6	23.6
0.0	20°	17.0	18.0	18.4	19.4	19.9	20.3	20.8	21.3	21.3	21.7
0.0	22.5°	13.2	14.2	14.7	15.6	16.1	16.5	17.0	17.5	18.0	18.4
0.0	25°	9.5	10.4	10.9	11.8	12.3	12.8	13.2	13.7	13.7	14.2
0.0	27.5°	5.2	6.1	7.1	7.6	8.5	9.0	9.5	9.9	10.4	10.9
0.0	30°	2.4	2.8	3.3	4.3	4.7	5.2	5.7	6.6	7.1	7.6
0.0	32.5°	0.0	0.0	0.5	1.4	1.9	2.4	2.8	3.3	3.3	3.8
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.9	1.4	1.9
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°	0.9	0.9	0.9	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	82.5°	2.4	2.8	3.3	3.3	3.8	3.8	3.8	3.8	3.3	3.3
	85°	4.7	5.2	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1
	87.5°	6.6	7.1	7.6	7.6	8.0	8.0	8.0	8.0	8.0	8.0
	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: P1049289

CATALOG NUMBER: GALN-SA3A-927-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
27.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	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											
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8.0											
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REPORT NUMBER: P1049289

CATALOG NUMBER: GALN-SA3A-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°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
0.0	2.5°	31.7	31.7	31.2	31.2	31.2	31.2	31.2	31.7	32.1	32.1
0.0	5°	30.3	30.3	29.8	29.8	29.8	30.3	30.3	30.7	31.2	31.7
0.0	7.5°	28.8	28.4	28.4	28.8	28.8	29.3	29.3	29.8	30.3	30.7
0.0	10°	27.9	27.4	27.4	27.4	27.9	27.9	28.4	28.8	29.3	29.8
0.0	12.5°	26.0	26.0	26.0	26.0	26.5	26.5	26.9	27.4	28.4	28.8
0.0	15°	25.1	24.6	24.6	24.6	24.6	25.1	25.1	26.0	26.9	27.4
0.0	17.5°	23.2	23.2	22.7	22.7	23.2	23.2	23.6	24.6	25.5	26.0
0.0	20°	21.3	20.8	20.3	20.3	20.8	20.8	21.3	22.2	23.2	23.6
0.0	22.5°	18.4	18.0	18.0	18.0	18.0	18.4	18.4	19.4	20.8	21.7
0.0	25°	14.7	15.1	15.1	15.6	15.6	16.1	16.5	17.5	18.9	19.9
0.0	27.5°	11.3	11.8	11.8	12.8	13.2	13.7	14.2	15.6	17.0	18.0
0.0	30°	8.5	9.0	9.5	9.9	10.9	11.8	12.8	14.2	15.6	16.5
0.0	32.5°	5.2	6.1	6.6	7.6	8.5	9.5	10.4	11.8	13.7	15.1
0.0	35°	3.8	4.3	5.2	5.7	6.6	7.6	8.5	10.4	11.8	13.7
0.0	37.5°	1.9	2.8	3.8	4.7	5.7	6.6	7.6	9.5	11.3	12.8
0.0	40°	1.4	2.4	2.8	3.8	5.2	6.1	7.1	9.0	10.9	12.8
0.0	42.5°	0.9	1.4	1.9	3.3	4.3	5.7	7.1	9.0	10.9	12.8
0.0	45°	0.9	0.9	1.4	2.8	4.3	6.1	7.6	9.5	10.9	12.8
0.0	47.5°	0.9	1.4	1.9	3.8	4.7	6.1	7.6	9.0	10.9	12.3
0.0	50°	1.4	1.9	2.4	4.3	5.2	6.6	7.6	9.5	10.9	12.8
0.0	52.5°	0.9	1.4	1.9	3.8	5.2	7.1	8.5	10.4	12.3	13.7
0.0	55°	0.5	0.5	0.5	2.8	5.7	8.0	10.9	12.3	14.2	15.6
0.0	57.5°	0.0	0.0	0.0	1.9	5.7	9.0	12.3	14.2	16.1	17.5
0.0	60°	0.0	0.0	0.0	1.9	5.7	9.0	12.3	14.7	17.0	19.4
0.0	62.5°	0.0	0.0	0.0	1.9	4.7	7.6	10.4	14.2	18.4	22.2
0.0	65°	0.0	0.0	0.0	1.4	3.8	6.1	8.5	14.2	19.9	25.1
0.0	67.5°	0.0	0.0	0.0	1.4	3.8	5.7	8.0	14.2	19.9	26.0
	70°	0.0	0.0	0.0	1.4	3.8	6.1	8.5	14.2	19.9	25.5
	72.5°	0.0	0.0	0.0	1.4	4.3	6.6	9.5	14.2	18.9	23.6
	75°	0.0	0.0	0.0	1.9	4.3	7.1	9.9	14.2	18.4	22.2
	77.5°	0.0	0.0	0.0	1.4	4.3	6.6	9.5	13.7	18.0	21.7
	80°	1.4	0.9	0.9	2.4	4.3	6.1	8.0	12.3	17.0	21.3
	82.5°	2.8	2.8	2.4	3.3	4.3	5.7	7.1	10.9	15.1	18.9
	85°	5.7	5.7	5.2	5.7	5.7	6.1	6.6	8.5	10.4	12.3
	87.5°	7.6	7.6	7.1	7.1	7.1	6.6	6.6	6.6	6.6	6.1
	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

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
27.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.2											
28.4											
26.5											
26.0											
25.5											
22.7											
14.2											
6.1											
0.0											
0.0											
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REPORT NUMBER: P1049289

CATALOG NUMBER: GALN-SA3A-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°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
0.0	2.5°	33.1	33.6	33.6	34.0	34.5	35.0	35.0	35.5	35.5	35.5
0.0	5°	32.6	33.6	34.0	34.5	35.0	35.5	35.9	36.4	36.9	36.9
0.0	7.5°	32.1	32.6	33.6	34.0	35.0	35.5	36.4	36.9	37.3	37.8
0.0	10°	31.2	32.1	33.1	34.0	35.0	35.9	36.9	37.8	38.8	39.2
0.0	12.5°	30.3	31.7	32.6	33.6	35.0	36.4	37.3	38.8	39.7	40.7
0.0	15°	29.8	30.7	32.1	33.1	35.0	36.9	38.3	40.2	42.1	43.5
0.0	17.5°	28.4	30.3	31.7	33.1	35.0	37.3	39.2	41.1	44.0	46.8
0.0	20°	26.5	27.9	29.8	31.2	34.0	36.4	39.2	41.6	45.9	50.1
0.0	22.5°	24.6	26.5	27.9	29.8	33.1	35.9	39.2	42.1	49.2	55.8
0.0	25°	22.7	25.1	26.9	28.8	32.6	36.4	40.2	44.0	55.8	67.6
0.0	27.5°	21.7	23.6	26.0	27.9	32.6	37.8	42.6	47.3	66.2	84.6
0.0	30°	20.3	22.7	24.6	26.9	33.1	39.2	45.4	51.5	80.4	109.2
0.0	32.5°	18.9	21.3	23.6	26.0	34.0	42.1	49.6	57.7	95.5	132.9
0.0	35°	17.5	20.3	22.7	25.1	35.5	46.3	56.7	67.1	109.2	150.8
0.0	37.5°	17.0	19.9	22.2	24.6	35.9	46.8	58.2	69.0	110.6	152.2
0.0	40°	17.5	19.9	22.7	25.1	34.5	44.0	53.0	62.4	105.9	148.9
0.0	42.5°	17.5	20.3	23.2	26.0	33.6	41.1	48.7	56.3	104.5	152.7
0.0	45°	17.0	19.9	22.7	25.5	32.6	39.2	46.3	53.0	113.0	172.6
0.0	47.5°	16.5	19.4	22.2	25.1	32.1	39.2	46.3	53.4	146.1	238.3
0.0	50°	16.5	19.4	21.7	24.1	32.6	41.6	50.1	58.6	212.8	366.4
0.0	52.5°	17.5	19.9	21.7	23.6	33.6	44.0	53.9	63.8	270.4	476.6
0.0	55°	18.9	20.3	22.2	23.6	35.9	47.8	60.0	71.9	287.9	504.0
0.0	57.5°	20.8	22.2	23.6	25.1	40.2	55.3	70.0	85.1	289.3	493.1
0.0	60°	23.2	25.1	26.5	27.9	44.0	60.5	76.6	92.7	261.9	430.7
0.0	62.5°	28.4	30.7	32.6	35.0	50.6	65.7	81.3	96.4	217.5	338.5
0.0	65°	32.6	34.5	36.4	38.3	53.4	69.0	84.2	99.3	184.4	269.5
0.0	67.5°	33.6	35.5	36.9	38.8	54.4	70.0	85.1	100.7	157.9	214.6
	70°	34.0	36.4	39.2	41.6	57.7	73.8	89.4	105.4	139.9	174.5
	72.5°	32.6	37.3	41.6	45.9	61.0	75.6	90.8	105.4	130.0	154.6
	75°	32.6	39.2	45.4	51.5	62.9	73.8	85.1	96.0	114.9	133.8
	77.5°	34.5	43.0	51.5	60.0	66.7	72.8	79.4	85.6	97.9	110.2
	80°	34.5	43.5	52.0	61.0	63.8	67.1	70.0	72.8	74.2	75.6
	82.5°	29.8	36.9	44.0	51.1	47.8	44.4	41.1	37.8	35.5	32.6
	85°	15.1	16.5	17.5	18.4	17.0	15.6	14.2	12.8	11.8	10.4
	87.5°	6.1	6.1	5.7	5.7	5.7	5.7	5.2	5.2	5.2	5.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049289

CATALOG NUMBER: GALN-SA3A-927-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
27.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
189.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
236.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
269.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
293.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
317.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
364.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
459.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
699.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1071.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1349.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1380.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1245.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1064.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
832.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
628.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
464.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
328.6											
244.4											
177.8											
133.8											
75.2											
34.0											
9.9											
4.7											
0.0											
0.0											
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REPORT NUMBER: P1049289

CATALOG NUMBER: GALN-SA3A-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°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
0.0	2.5°	35.5	35.0	35.0	34.5	34.0	33.6	33.1	32.6	32.1	31.7
0.0	5°	36.9	36.9	36.9	36.4	36.4	35.9	35.9	35.5	35.0	34.5
0.0	7.5°	38.3	38.8	38.8	39.2	39.2	39.2	39.2	38.8	38.8	38.8
0.0	10°	40.7	41.1	41.6	42.1	42.6	43.0	43.0	43.5	43.5	43.5
0.0	12.5°	43.5	44.9	45.9	47.3	48.2	49.6	50.6	52.0	53.0	53.9
0.0	15°	47.8	50.1	53.0	55.3	57.7	61.0	64.8	68.1	71.4	76.6
0.0	17.5°	53.9	61.5	69.0	76.1	83.7	100.2	116.8	132.9	149.4	173.5
0.0	20°	65.7	88.4	110.6	133.3	155.5	213.7	271.4	329.5	387.2	449.1
0.0	22.5°	92.2	148.0	203.8	259.6	315.3	436.8	557.9	679.4	800.4	942.7
0.0	25°	133.8	236.4	339.0	441.1	543.7	733.8	924.3	1114.3	1304.4	1489.3
0.0	27.5°	194.8	351.7	508.7	665.2	822.2	1079.8	1338.0	1595.6	1853.3	2062.3
0.0	30°	270.0	482.7	695.5	908.2	1121.0	1414.1	1707.2	1999.9	2293.0	2521.3
0.0	32.5°	340.9	601.4	861.9	1121.9	1382.4	1716.2	2050.4	2384.2	2718.0	2967.6
0.0	35°	387.2	702.1	1017.4	1332.3	1647.2	2008.4	2369.6	2730.3	3091.5	3376.6
0.0	37.5°	433.5	797.1	1160.2	1523.8	1886.9	2283.5	2680.2	3076.9	3473.5	3825.7
0.0	40°	485.5	912.0	1338.0	1764.4	2190.4	2660.3	3129.8	3599.7	4069.2	4566.1
0.0	42.5°	575.8	1102.5	1629.7	2156.4	2683.0	3304.7	3926.4	4547.7	5169.4	5878.5
0.0	45°	745.6	1487.8	2230.6	2972.8	3715.1	4538.7	5362.7	6186.3	7009.9	7953.6
0.0	47.5°	1161.1	2182.4	3203.1	4224.3	5245.0	6134.3	7023.2	7912.5	8801.3	9741.2
0.0	50°	1776.7	2965.3	4153.8	5341.9	6530.5	7335.2	8139.4	8944.1	9748.3	10642.3
0.0	52.5°	2222.1	3460.3	4699.0	5937.2	7175.4	7901.6	8628.2	9354.4	10080.6	10916.0
0.0	55°	2255.6	3486.8	4718.3	5949.5	7180.6	7910.1	8639.6	9369.1	10098.6	10984.1
0.0	57.5°	1997.0	3218.2	4438.9	5660.1	6880.8	7711.5	8541.7	9372.4	10202.6	11160.0
0.0	60°	1698.7	2920.4	4141.6	5363.2	6584.4	7541.3	8498.7	9455.6	10412.5	11309.4
0.0	62.5°	1325.2	2581.9	3839.0	5095.6	6352.3	7323.8	8295.4	9266.5	10238.1	10910.8
0.0	65°	987.6	2207.9	3428.1	4647.9	5868.1	6646.3	7424.5	8202.3	8980.5	9397.0
0.0	67.5°	713.9	1766.3	2818.2	3870.7	4922.6	5479.5	6036.5	6592.9	7149.9	7468.5
	70°	482.7	1211.7	1940.3	2669.3	3397.9	3855.5	4313.6	4771.3	5228.9	5659.2
	72.5°	334.3	743.7	1153.6	1563.0	1972.4	2432.9	2892.9	3353.4	3813.4	4268.7
	75°	221.7	408.0	594.8	781.0	967.3	1308.2	1649.5	1990.4	2331.3	2602.7
	77.5°	157.4	213.2	269.5	325.3	381.1	444.9	509.2	573.0	636.8	733.8
	80°	74.7	81.8	88.9	95.5	102.6	125.8	148.9	172.1	195.3	219.8
	82.5°	35.5	38.3	41.1	43.5	46.3	48.7	51.1	53.4	55.8	53.4
	85°	9.5	9.5	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.5
	87.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	3.8	3.8	3.3
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
27.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
197.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
511.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1085.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1674.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2271.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2750.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3217.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3661.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4178.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5063.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6587.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8897.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10681.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11536.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11751.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11870.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12117.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12205.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11584.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9814.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7787.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6088.9											
4724.0											
2874.0											
830.7											
244.4											
50.6											
9.0											
3.3											
0.0											
0.0											
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°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
0.0	2.5°	30.7	30.3	29.8	29.3	28.8	27.9	27.9	27.4	27.4
0.0	5°	33.6	33.1	32.6	32.1	32.1	31.7	31.2	31.2	30.7
0.0	7.5°	38.3	37.8	37.3	36.9	36.9	36.4	36.4	35.9	35.9
0.0	10°	44.0	44.0	44.0	44.0	44.0	43.5	43.5	43.5	43.0
0.0	12.5°	55.3	55.8	56.7	57.7	59.1	59.1	59.1	58.6	58.6
0.0	15°	87.5	92.7	96.4	100.2	103.5	111.1	110.2	108.7	107.8
0.0	17.5°	221.3	244.9	257.7	270.0	282.7	317.7	312.0	306.4	301.2
0.0	20°	573.5	635.4	676.5	717.7	759.3	825.0	808.9	792.9	776.8
0.0	22.5°	1226.9	1369.2	1431.1	1493.0	1554.5	1633.9	1582.4	1530.9	1479.8
0.0	25°	1858.5	2043.4	2147.8	2252.3	2356.3	2401.7	2334.6	2267.0	2199.8
0.0	27.5°	2480.2	2689.2	2781.4	2873.1	2965.3	3060.3	2977.1	2893.4	2810.2
0.0	30°	2978.5	3206.9	3306.6	3405.9	3505.7	3571.9	3485.8	3399.3	3313.2
0.0	32.5°	3467.4	3717.0	3826.2	3935.4	4044.2	4139.2	4033.3	3926.9	3821.0
0.0	35°	3946.3	4231.4	4381.7	4532.1	4682.4	4770.8	4645.1	4518.8	4393.1
0.0	37.5°	4530.7	4882.9	5051.2	5219.5	5387.8	5549.0	5410.5	5271.5	5133.0
0.0	40°	5559.9	6056.8	6314.9	6573.5	6831.7	7039.7	6864.8	6689.8	6514.9
0.0	42.5°	7296.9	8006.1	8377.2	8747.9	9119.0	9443.8	9259.9	9076.0	8892.1
0.0	45°	9840.9	10784.6	11237.0	11689.0	12141.5	12378.8	12114.0	11848.8	11584.1
0.0	47.5°	11620.5	12560.4	12963.2	13366.0	13768.8	14039.7	13715.8	13392.0	13068.6
0.0	50°	12429.9	13323.9	13728.1	14131.9	14536.1	14751.2	14377.2	14002.8	13628.8
0.0	52.5°	12586.4	13421.8	13904.0	14386.7	14868.9	15156.4	14714.8	14272.8	13831.2
0.0	55°	12755.6	13641.1	14200.4	14760.2	15319.5	15717.6	15218.3	14718.6	14219.3
0.0	57.5°	13074.3	14031.6	14589.5	15146.9	15704.8	16042.9	15542.2	15041.0	14540.4
0.0	60°	13102.6	13999.0	14478.4	14958.3	15437.7	15650.4	15171.5	14692.1	14213.2
0.0	62.5°	12256.8	12929.6	13262.4	13595.3	13928.1	14159.3	13659.6	13159.4	12659.6
0.0	65°	10230.5	10647.0	10912.2	11177.5	11442.7	11718.3	11260.7	10803.0	10345.4
0.0	67.5°	8106.3	8424.9	8774.3	9123.7	9473.1	9767.6	9401.2	9034.4	8668.0
	70°	6519.2	6948.9	7341.8	7734.7	8127.6	8368.7	8000.9	7632.6	7264.7
	72.5°	5179.3	5634.6	5962.7	6290.3	6618.5	6677.5	6407.1	6136.7	5866.7
	75°	3144.9	3416.3	3422.9	3429.1	3435.7	3492.0	3267.9	3043.8	2820.1
	77.5°	927.6	1024.5	1104.4	1183.8	1263.7	1360.2	1277.9	1195.2	1112.9
	80°	268.5	293.1	313.9	334.3	355.1	342.8	323.4	304.0	284.6
	82.5°	48.2	45.4	44.9	44.4	44.4	42.1	38.3	34.5	30.7
	85°	8.5	8.0	7.6	7.1	6.6	6.1	5.2	4.7	3.8
	87.5°	2.8	2.4	1.9	1.4	1.4	0.5	0.5	0.5	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: P1049289

CATALOG NUMBER: GALN-SA3A-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°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
0.0	0.0	2.5°	26.9	26.5	26.5	26.5	26.5	26.0	26.0	26.0	26.0
0.0	0.0	5°	29.8	29.8	29.3	29.3	28.8	28.8	28.4	28.4	27.9
0.0	0.0	7.5°	35.0	34.5	34.0	33.6	33.1	32.1	31.7	31.2	31.2
0.0	0.0	10°	42.1	41.1	40.7	39.7	39.2	38.3	37.3	36.4	35.5
0.0	0.0	12.5°	55.3	53.4	52.0	50.1	48.2	46.8	44.9	43.5	41.6
0.0	0.0	15°	96.0	91.2	86.0	79.9	73.3	67.1	60.5	56.7	52.5
0.0	0.0	17.5°	245.4	220.8	195.7	175.4	155.1	135.2	114.9	100.2	85.6
0.0	0.0	20°	624.5	556.5	488.4	421.2	353.6	286.5	218.9	184.9	150.8
0.0	0.0	22.5°	1175.3	1049.1	922.4	799.9	677.0	554.6	432.1	355.1	278.5
0.0	0.0	25°	1814.1	1655.2	1496.3	1294.9	1093.1	891.7	690.3	565.0	439.7
0.0	0.0	27.5°	2360.6	2177.6	1994.7	1749.8	1504.9	1260.0	1015.1	828.3	642.0
0.0	0.0	30°	2833.8	2637.2	2440.5	2155.4	1870.3	1585.2	1300.1	1066.6	833.0
0.0	0.0	32.5°	3244.2	3008.8	2773.3	2479.3	2185.2	1891.1	1597.1	1310.5	1024.0
0.0	0.0	35°	3717.5	3442.8	3167.6	2841.4	2514.7	2188.5	1862.3	1538.9	1215.0
0.0	0.0	37.5°	4318.8	3981.8	3644.2	3280.6	2917.1	2554.0	2190.4	1820.7	1451.0
0.0	0.0	40°	5470.1	5035.1	4600.2	4138.2	3675.9	3214.0	2752.1	2298.2	1844.3
0.0	0.0	42.5°	7532.8	6945.1	6357.5	5742.9	5127.8	4513.2	3898.1	3257.9	2617.3
0.0	0.0	45°	9860.8	9131.8	8402.3	7712.5	7022.2	6332.4	5642.6	4764.2	3885.8
0.0	0.0	47.5°	11169.9	10382.7	9595.5	8942.6	8289.7	7636.8	6983.9	6036.9	5090.0
0.0	0.0	50°	11651.7	10850.3	10048.9	9448.0	8846.7	8245.8	7644.4	6696.0	5747.1
0.0	0.0	52.5°	11754.3	10936.8	10119.4	9514.7	8910.0	8305.8	7701.1	6758.9	5816.6
0.0	0.0	55°	11965.1	11088.1	10210.6	9521.3	8832.0	8142.7	7453.4	6496.0	5538.6
0.0	0.0	57.5°	12240.8	11341.5	10442.3	9657.0	8871.7	8086.9	7301.6	6254.9	5208.1
0.0	0.0	60°	12168.4	11386.0	10603.0	9762.0	8920.4	8079.3	7237.8	6086.6	4934.9
0.0	0.0	62.5°	10912.7	10289.6	9666.0	8974.3	8282.2	7590.5	6898.8	5713.5	4528.3
0.0	0.0	65°	8977.6	8522.8	8068.0	7511.5	6954.6	6398.1	5841.7	4778.9	3716.5
0.0	0.0	67.5°	7276.1	6763.6	6250.6	5807.2	5363.2	4919.8	4475.8	3639.5	2803.1
		70°	5780.7	5223.3	4665.4	4232.3	3798.8	3365.7	2932.7	2376.7	1821.1
		72.5°	4590.7	4088.1	3585.6	3123.7	2661.3	2199.4	1737.0	1408.4	1079.8
		75°	2194.2	1993.2	1792.3	1550.7	1309.1	1067.5	825.9	682.7	539.9
		77.5°	813.2	704.9	596.2	497.8	399.5	301.6	203.3	186.3	169.3
		80°	210.4	183.4	156.0	136.6	116.8	97.4	78.0	70.4	63.4
		82.5°	24.1	22.2	20.8	19.9	18.4	17.5	16.1	14.7	13.2
		85°	1.4	0.9	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):

[illegible]

REPORT NUMBER: P1049289

CATALOG NUMBER: GALN-SA3A-927-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	27.4	27.4
0.0	0.0	2.5°	25.5	25.1
0.0	0.0	5°	26.9	26.5
0.0	0.0	7.5°	29.8	28.8
0.0	0.0	10°	32.6	31.7
0.0	0.0	12.5°	36.9	35.5
0.0	0.0	15°	41.6	38.8
0.0	0.0	17.5°	49.6	43.5
0.0	0.0	20°	67.1	51.5
0.0	0.0	22.5°	94.6	64.3
0.0	0.0	25°	139.0	88.9
0.0	0.0	27.5°	193.4	118.2
0.0	0.0	30°	257.2	148.0
0.0	0.0	32.5°	313.5	176.3
0.0	0.0	35°	386.7	205.2
0.0	0.0	37.5°	477.0	242.1
0.0	0.0	40°	617.0	297.9
0.0	0.0	42.5°	869.0	400.9
0.0	0.0	45°	1411.2	693.1
0.0	0.0	47.5°	2171.5	1146.5
0.0	0.0	50°	2656.6	1463.3
0.0	0.0	52.5°	2696.3	1460.9
0.0	0.0	55°	2461.3	1298.7
0.0	0.0	57.5°	2100.1	1085.5
0.0	0.0	60°	1745.5	858.6
0.0	0.0	62.5°	1375.3	592.9
0.0	0.0	65°	1005.1	419.4
0.0	0.0	67.5°	721.9	313.5
		70°	474.7	240.2
		72.5°	309.2	195.7
		75°	208.0	162.2
		77.5°	121.5	107.8
		80°	43.0	37.8
		82.5°	8.0	5.7
		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: P1049289

CATALOG NUMBER: GALN-SA3A-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

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

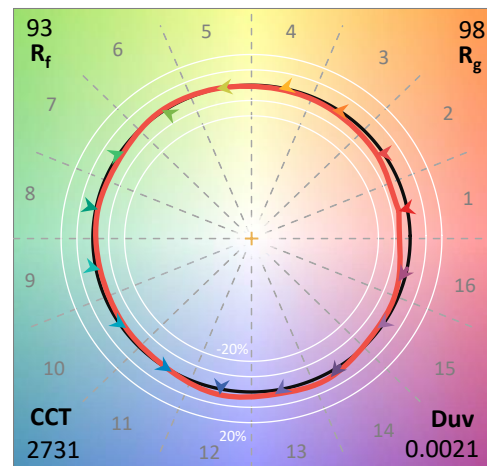
Test Information

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

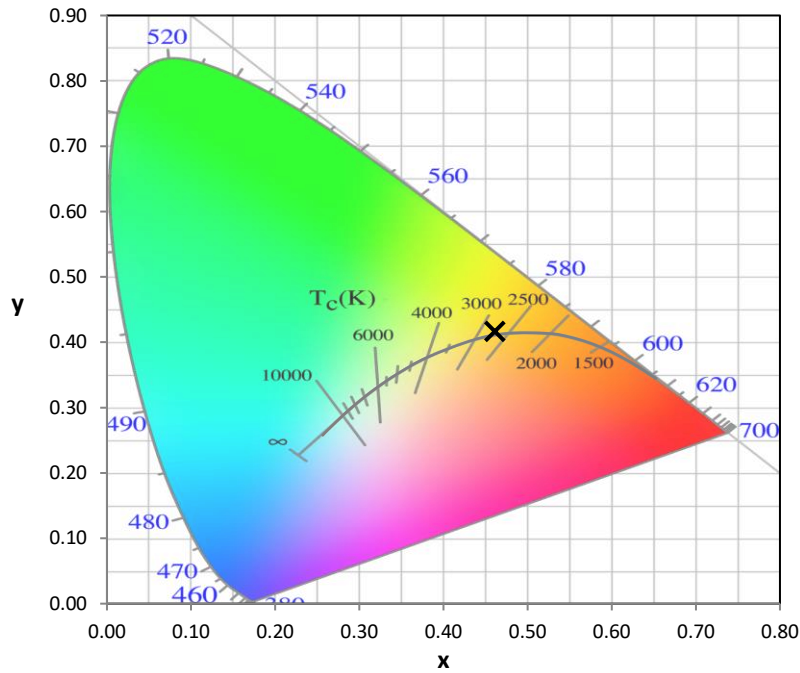
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-13

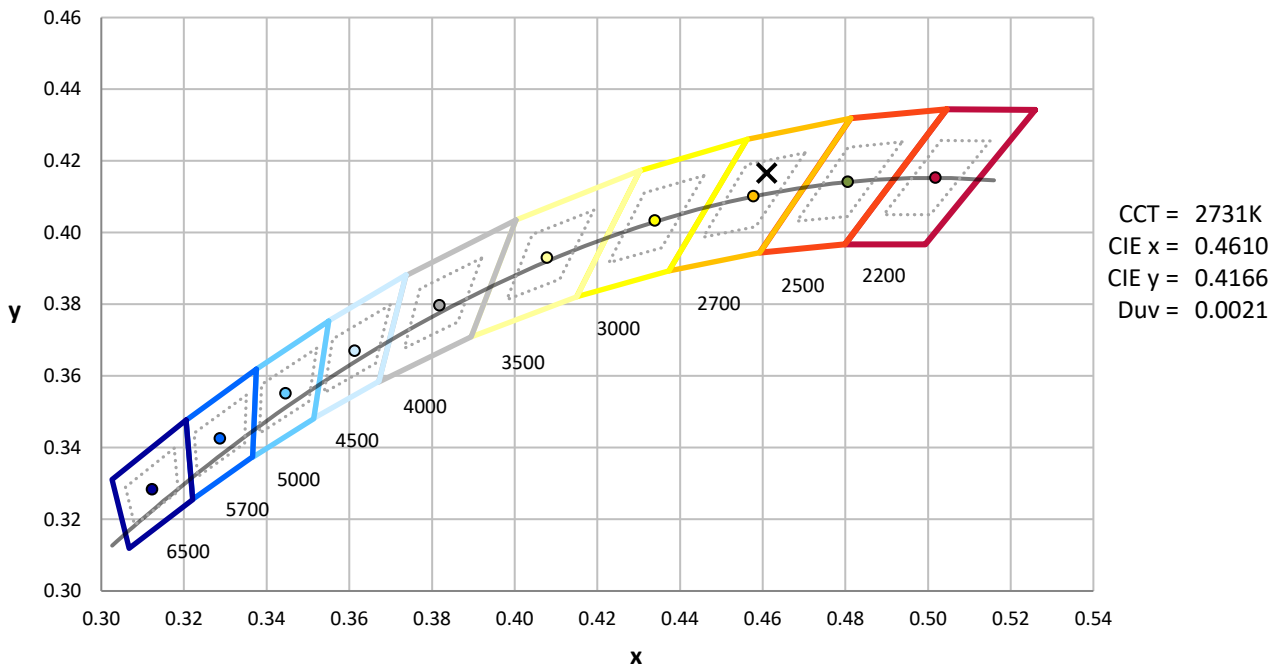
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



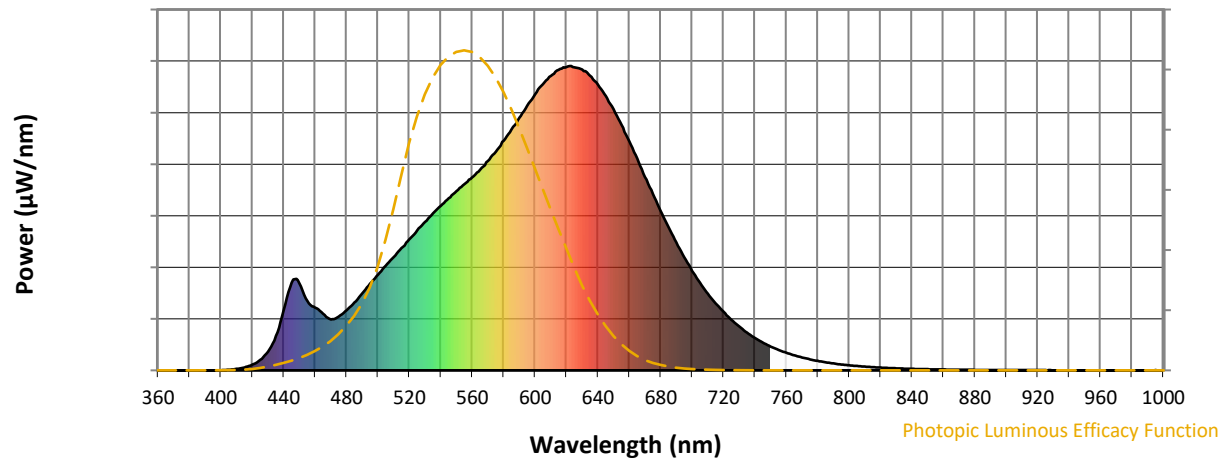
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-13

Photopic Flux vs. Wavelength

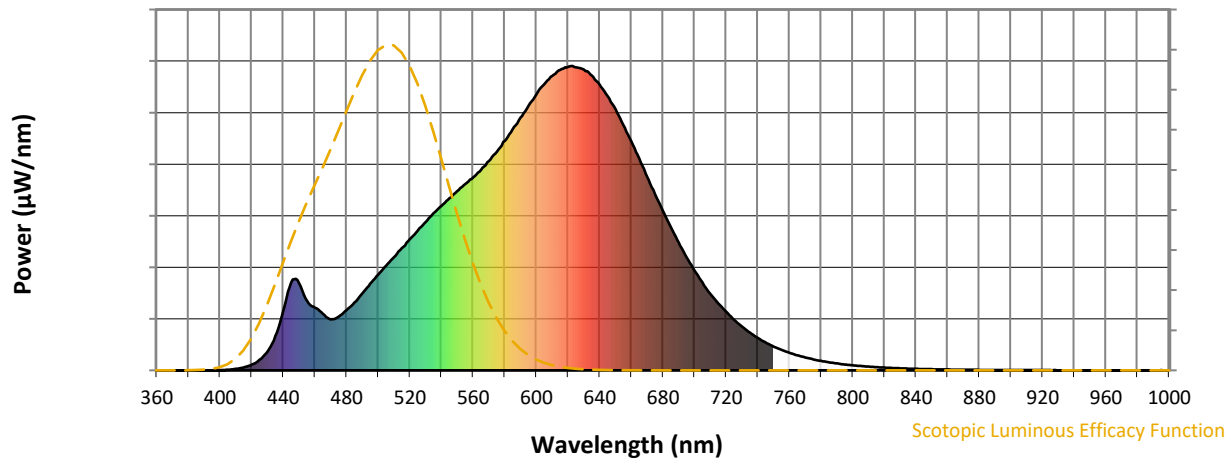


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-13

Scotopic Flux vs. Wavelength



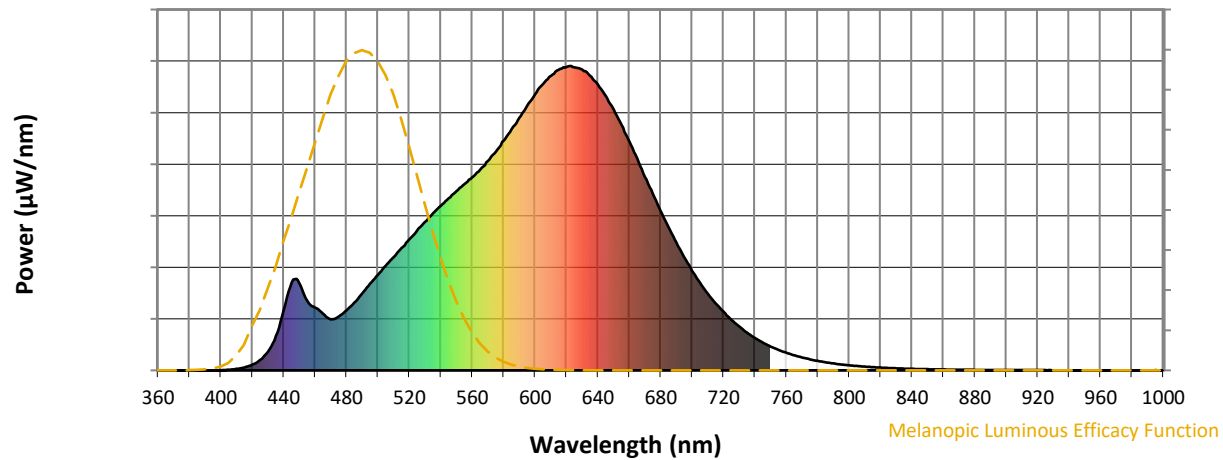
Scotopic Lumens: NR

S/P: 1.27

λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /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

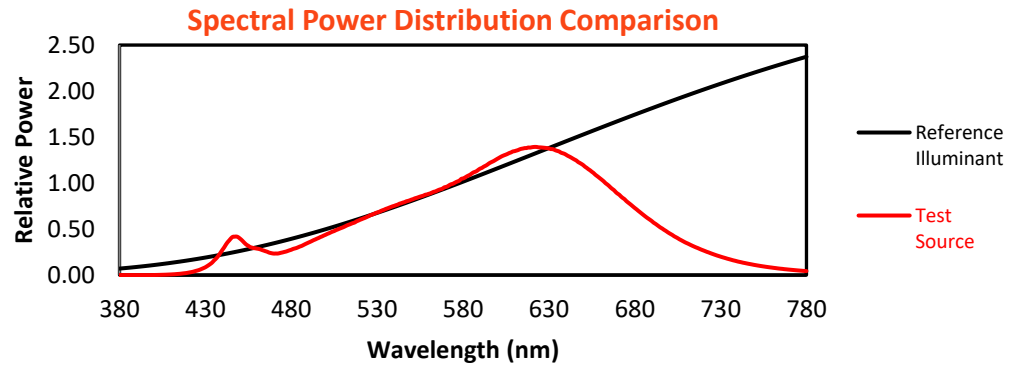
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	253	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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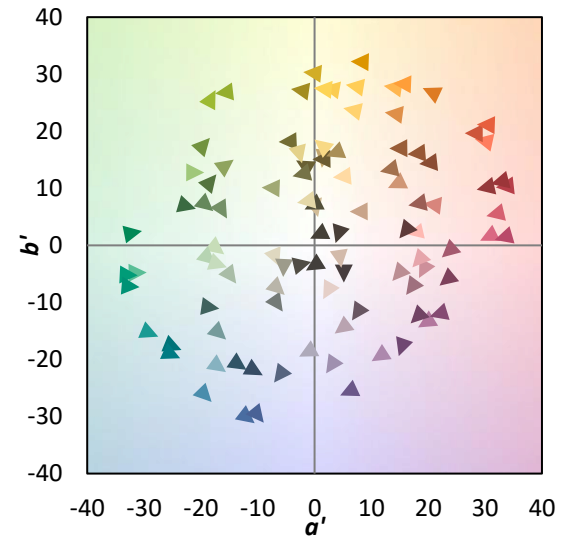
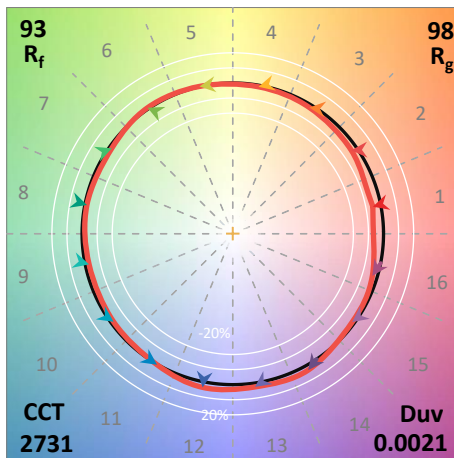
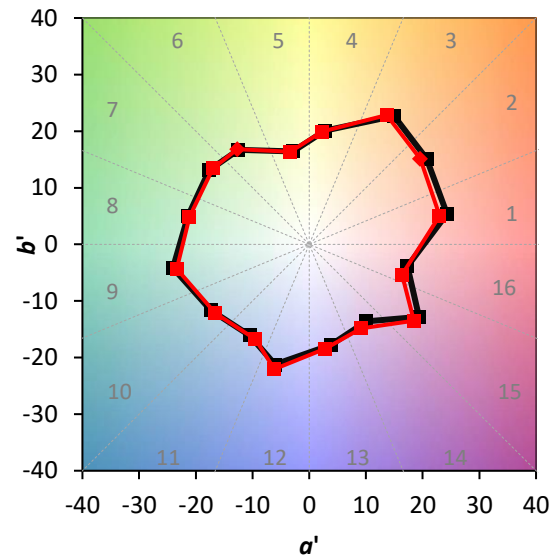
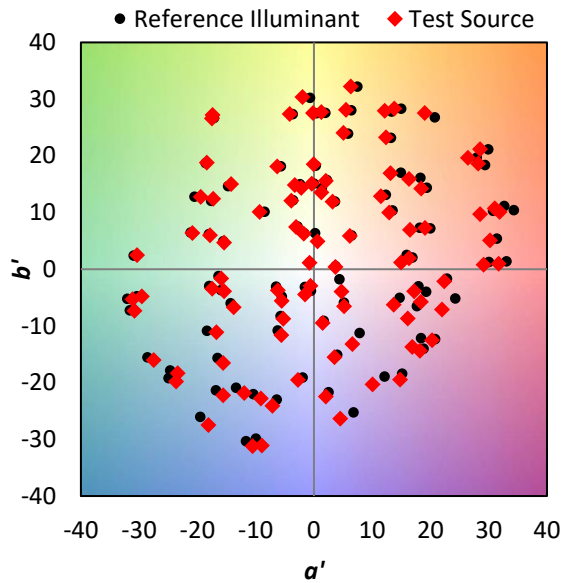
TM-30-18

Summary

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

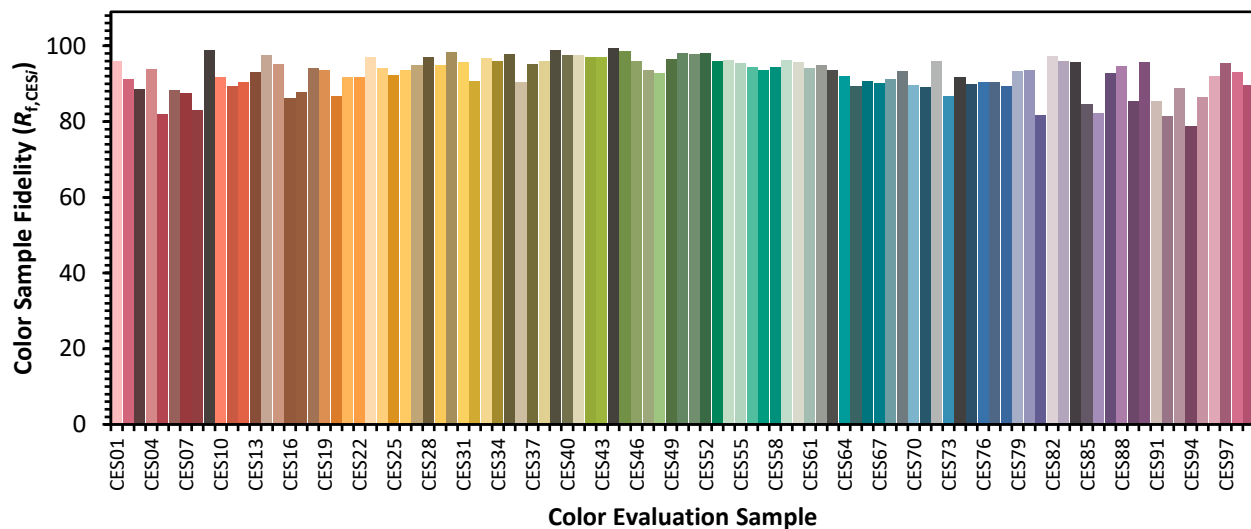


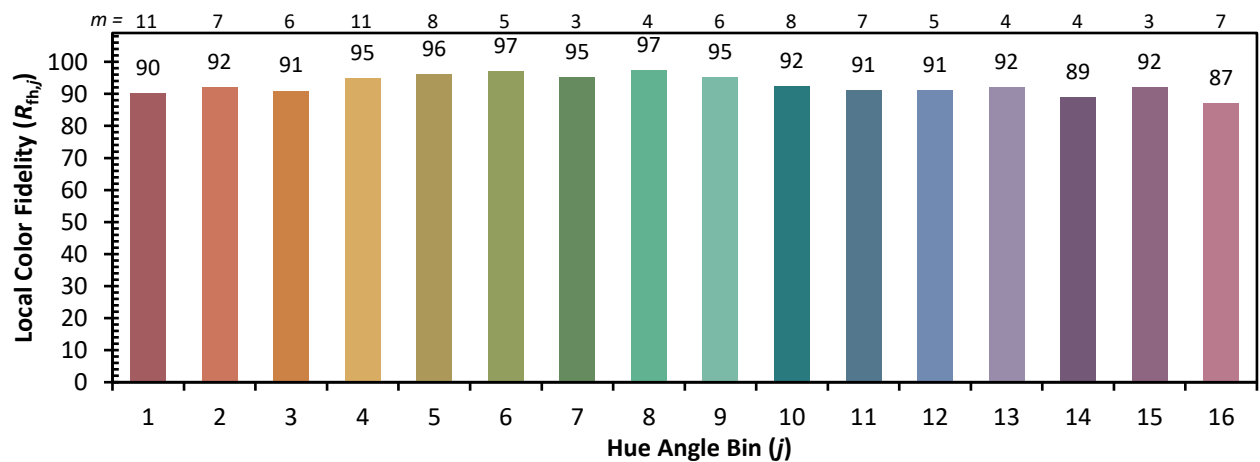
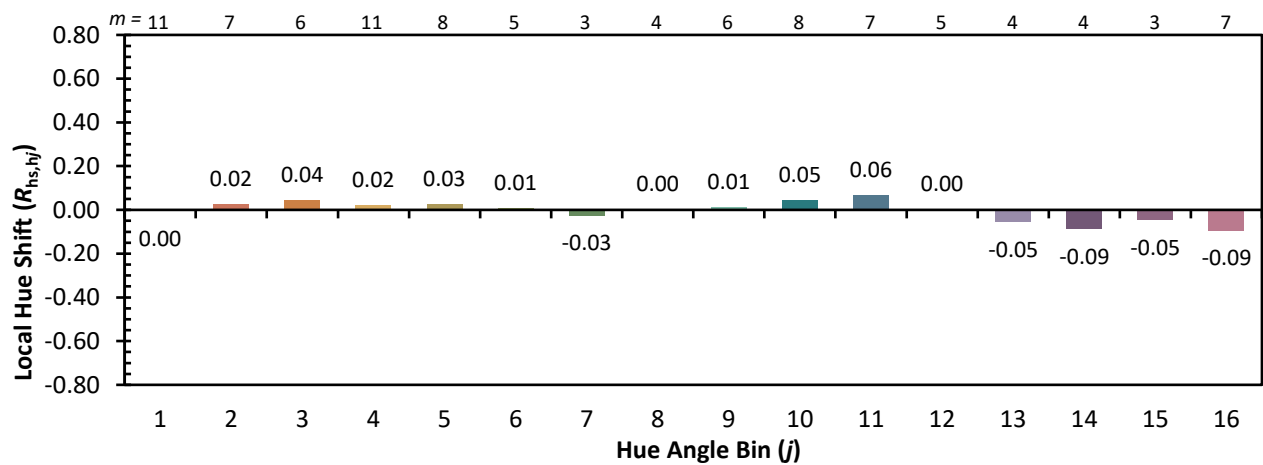
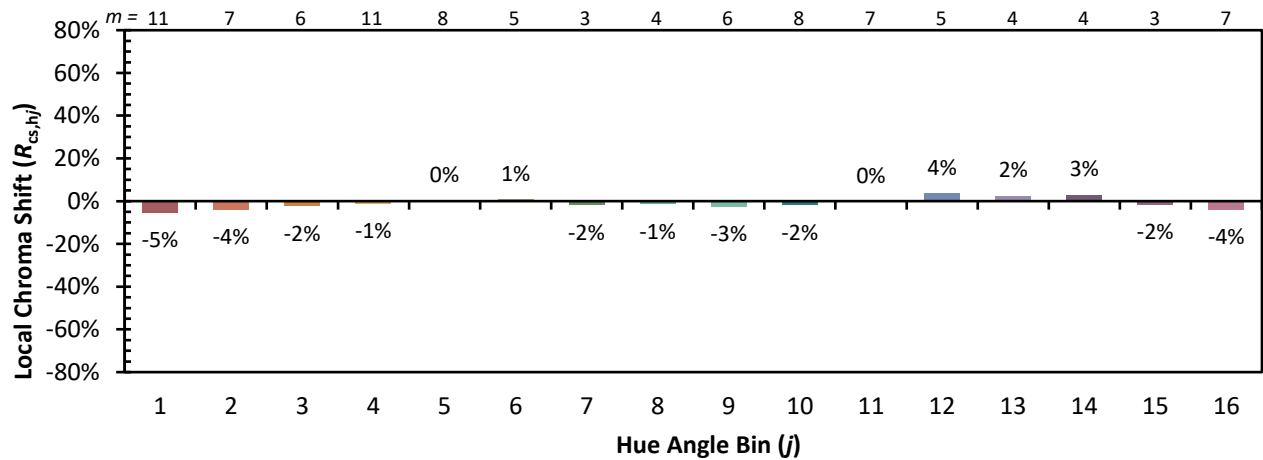
Color Vector Graphics



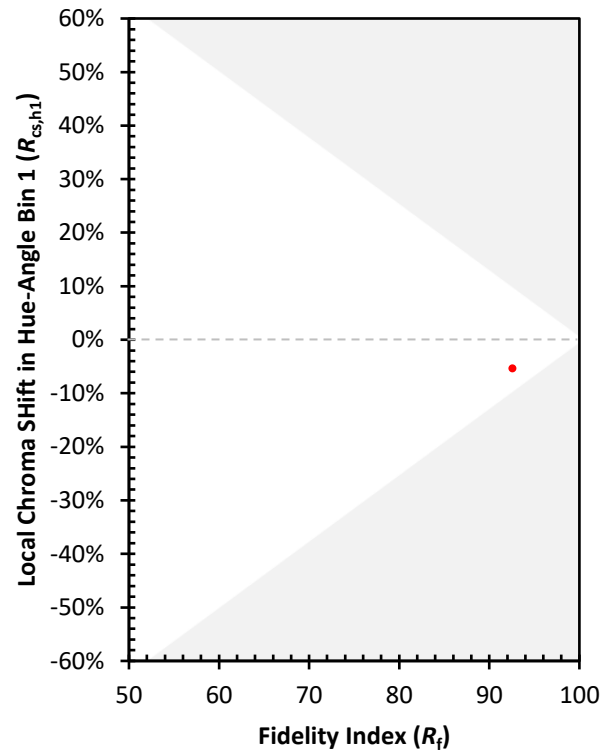
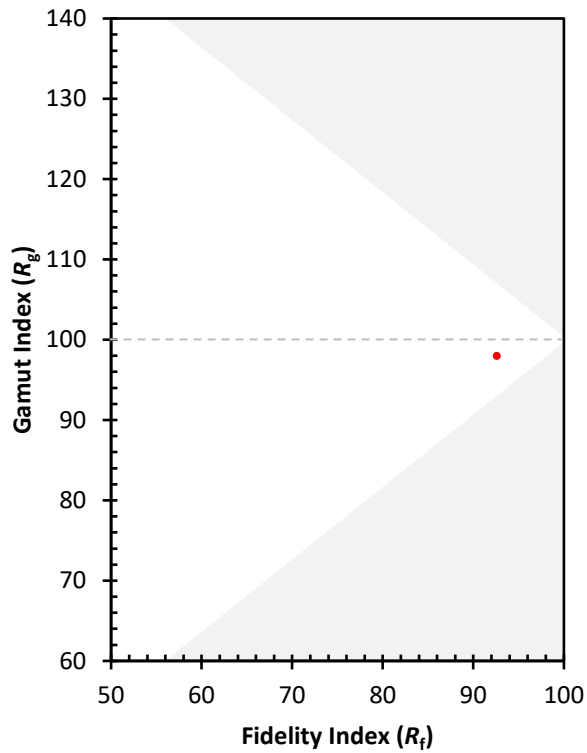
Individual Sample Fidelity Index ($R_{f,i}$)

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)