

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: P1049350

Luminaire Tested: **GALN-SA9B-930-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049350
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9B-930-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 9xLight Square PACKAGE
90CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (126) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 24977.3 lumens
Efficiency: N/A
Efficacy: 79.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 312.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

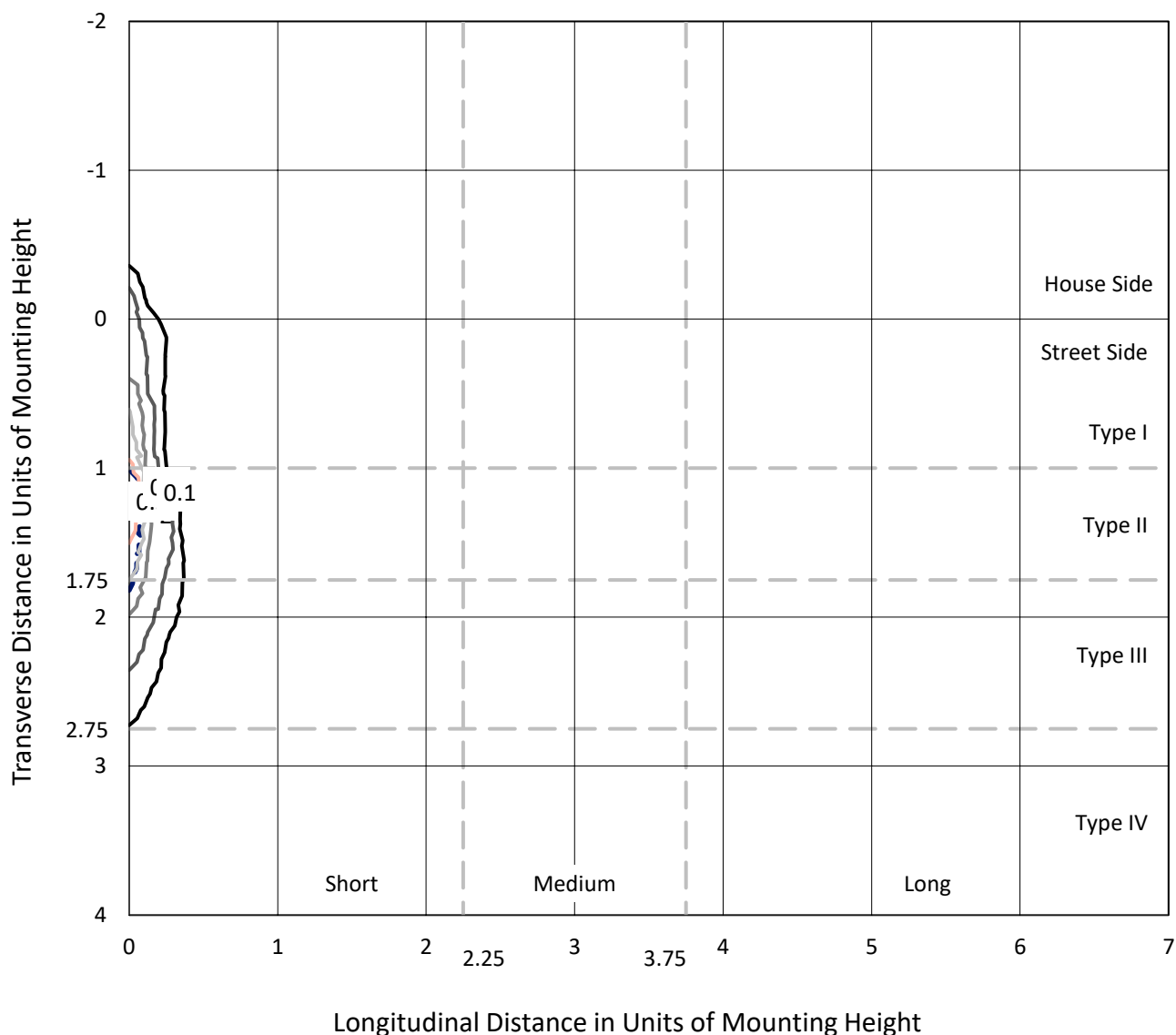
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

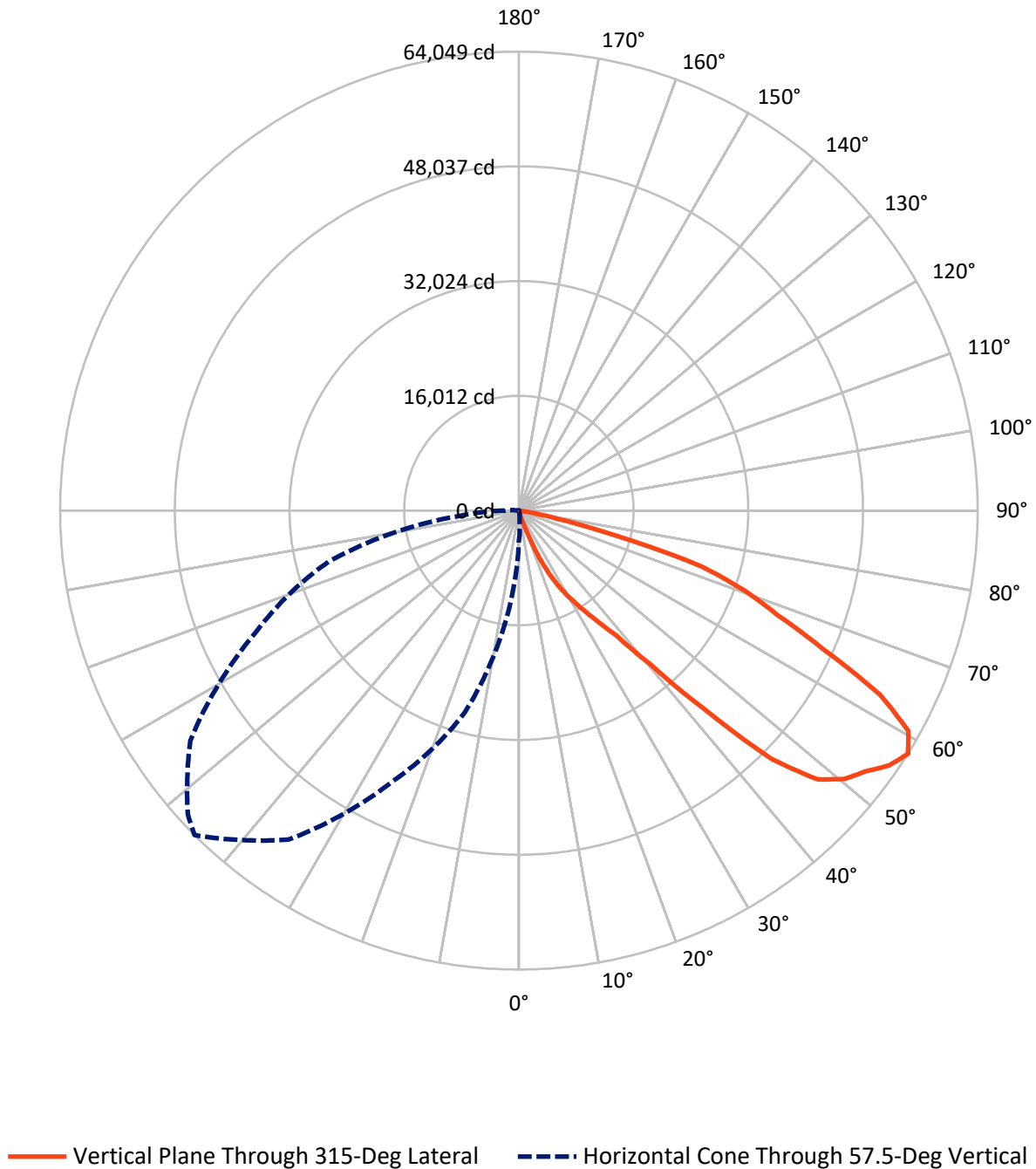


Based on 20 foot mounting height. Maximum calculated value = 3.7 fc

Type III - Short - N/A

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Luminous Intensity Polar Plot



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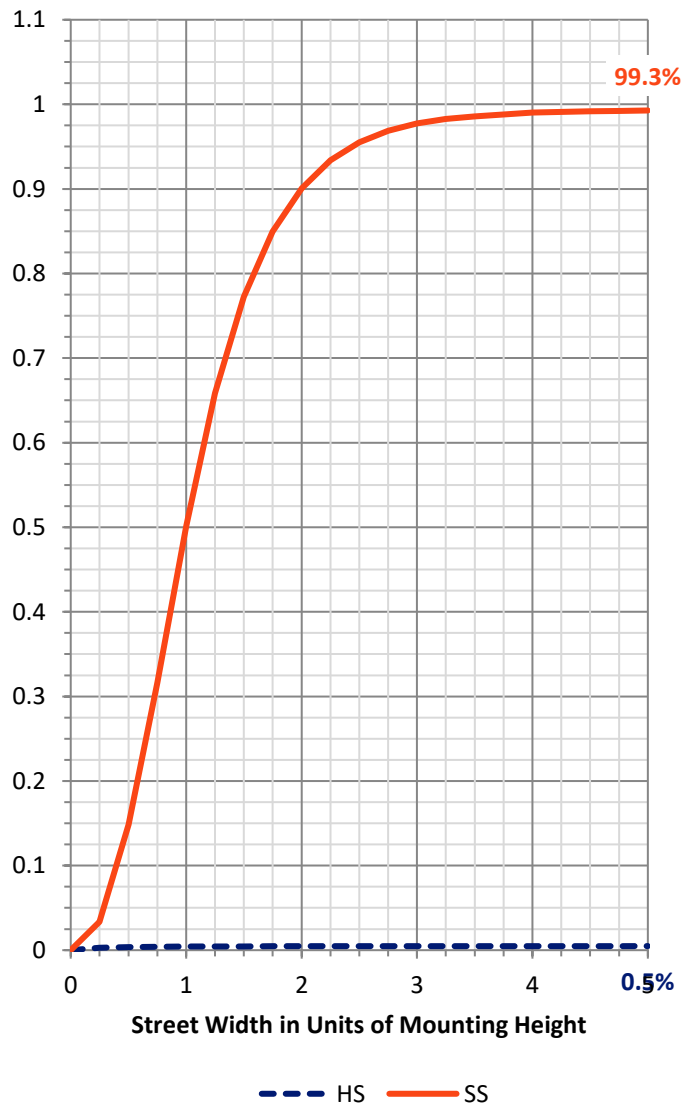
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	125.1	0.0	125.1
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	24852.2	0.0	24852.2
	% Fixture	99.5	0.0	99.5
Total	Lumens	24977.3	0.0	24977.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.8	0.0
10°-20°	54.9	0.2
20°-30°	591.9	2.4
30°-40°	1750.4	7.0
40°-50°	5216.8	20.9
50°-60°	8271.9	33.1
60°-70°	6905.0	27.6
70°-80°	2129.2	8.5
80°-90°	47.3	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	24977.3	100.0
0°-180°	24977.3	100.0



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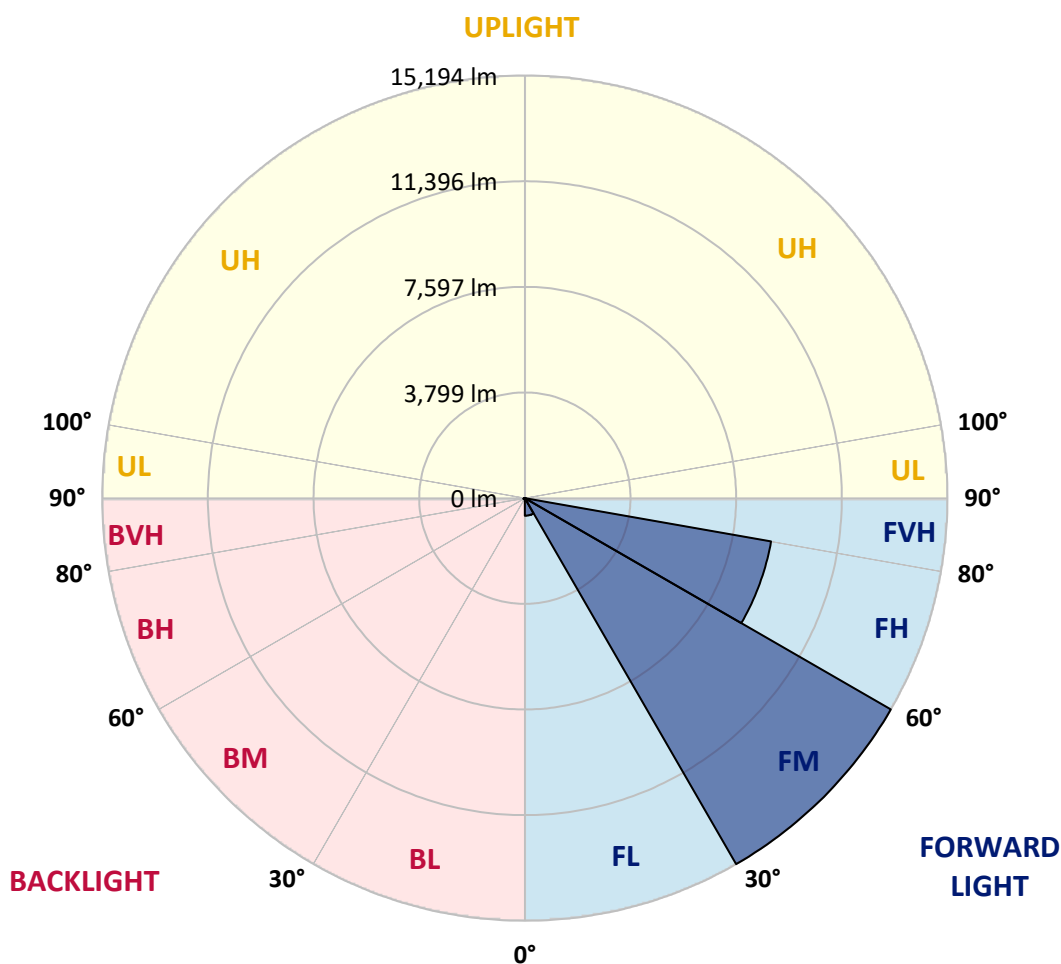
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	633.6	2.5			
FM	(30°-60°)	15194.4	60.8			
FH	(60°-80°)	8987.6	36.0			G4/12000
FVH	(80°-90°)	36.6	0.1			G1/100
BL	(0°-30°)	23.0	0.1	B0/110		
BM	(30°-60°)	44.7	0.2	B0/220		
BH	(60°-80°)	46.7	0.2	B0/110		G0/110
BVH	(80°-90°)	10.7	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G4

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5
2.5°	100.0	100.0	100.0	100.0	98.2	98.2	96.3	96.3	94.4	94.4
5°	105.7	105.7	103.8	101.9	101.9	100.0	98.2	96.3	96.3	94.4
7.5°	115.1	113.3	111.4	109.5	105.7	103.8	100.0	98.2	96.3	92.5
10°	126.5	122.7	118.9	115.1	111.4	107.6	103.8	101.9	98.2	96.3
12.5°	141.6	135.9	128.4	122.7	118.9	113.3	109.5	105.7	100.0	96.3
15°	154.8	147.2	137.8	130.2	124.6	117.0	111.4	105.7	101.9	96.3
17.5°	173.7	160.4	145.3	135.9	128.4	118.9	109.5	103.8	98.2	90.6
20°	205.7	179.3	151.0	139.7	128.4	117.0	105.7	98.2	92.5	84.9
22.5°	256.7	211.4	166.1	149.1	134.0	117.0	101.9	94.4	86.8	79.3
25°	354.9	273.7	192.5	169.9	147.2	124.6	101.9	92.5	84.9	75.5
27.5°	471.9	351.1	228.4	196.3	166.1	134.0	101.9	90.6	81.2	69.8
30°	590.8	430.4	268.0	226.5	185.0	143.5	101.9	88.7	77.4	64.2
32.5°	704.0	504.0	302.0	252.9	203.9	152.9	103.8	88.7	73.6	58.5
35°	819.2	564.4	307.7	256.7	205.7	152.9	101.9	84.9	69.8	52.9
37.5°	966.4	632.3	296.3	245.4	196.3	145.3	96.3	81.2	66.1	49.1
40°	1189.1	745.6	302.0	249.2	196.3	143.5	90.6	75.5	62.3	47.2
42.5°	1600.6	964.5	326.5	266.1	205.7	143.5	83.1	69.8	58.5	45.3
45°	2767.1	1602.5	437.9	347.3	256.7	166.1	75.5	64.2	54.7	43.4
47.5°	4577.2	2682.2	787.1	607.8	430.4	251.0	73.6	64.2	54.7	43.4
50°	5841.8	3416.4	990.9	762.6	534.2	305.8	77.4	66.1	56.6	45.3
52.5°	5832.4	3469.2	1104.2	847.5	592.7	336.0	81.2	69.8	60.4	49.1
55°	5185.0	3155.9	1125.0	864.5	605.9	345.4	86.8	75.5	64.2	52.9
57.5°	4333.7	2680.3	1026.8	794.6	564.4	332.2	100.0	86.8	75.5	62.3
60°	3427.7	2114.0	800.3	632.3	466.2	298.2	132.1	115.1	100.0	83.1
62.5°	2366.9	1532.7	698.4	560.6	424.7	286.9	151.0	134.0	118.9	101.9
65°	1674.2	1153.3	630.4	513.4	398.3	281.2	164.2	145.3	128.4	109.5
67.5°	1251.4	917.3	581.4	481.3	381.3	281.2	181.2	158.6	137.8	115.1
70°	958.9	753.1	545.5	464.3	385.1	303.9	222.7	190.6	160.4	128.4
72.5°	781.4	643.6	504.0	445.5	386.9	328.4	269.9	228.4	186.9	143.5
75°	647.4	551.2	454.9	405.8	358.6	309.6	260.5	222.7	186.9	149.1
77.5°	430.4	392.6	353.0	324.7	296.3	266.1	237.8	205.7	175.5	143.5
80°	151.0	145.3	139.7	151.0	162.3	173.7	185.0	162.3	141.6	118.9
82.5°	22.7	20.8	18.9	20.8	22.7	24.5	26.4	28.3	30.2	32.1
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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CATALOG NUMBER: GALN-SA9B-930-U-RBC

CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5
0.0	2.5°	92.5	92.5	90.6	90.6	90.6	88.7	88.7	86.8	86.8	86.8
0.0	5°	90.6	90.6	88.7	86.8	84.9	84.9	83.1	81.2	81.2	79.3
0.0	7.5°	88.7	86.8	84.9	83.1	81.2	79.3	77.4	75.5	75.5	73.6
0.0	10°	90.6	86.8	84.9	81.2	79.3	77.4	73.6	71.7	69.8	69.8
0.0	12.5°	86.8	84.9	81.2	77.4	75.5	71.7	69.8	66.1	64.2	64.2
0.0	15°	86.8	83.1	77.4	73.6	69.8	68.0	64.2	60.4	58.5	56.6
0.0	17.5°	81.2	77.4	71.7	68.0	64.2	60.4	56.6	52.9	51.0	49.1
0.0	20°	73.6	69.8	64.2	58.5	54.7	51.0	47.2	43.4	41.5	39.6
0.0	22.5°	66.1	62.3	56.6	51.0	47.2	43.4	37.8	34.0	32.1	28.3
0.0	25°	62.3	56.6	51.0	45.3	39.6	35.9	30.2	24.5	20.8	17.0
0.0	27.5°	52.9	47.2	41.5	35.9	30.2	24.5	18.9	13.2	9.4	7.6
0.0	30°	45.3	39.6	34.0	28.3	20.8	15.1	9.4	1.9	1.9	1.9
0.0	32.5°	37.8	32.1	24.5	18.9	15.1	9.4	5.7	0.0	0.0	0.0
0.0	35°	30.2	24.5	17.0	11.3	9.4	5.7	3.8	0.0	0.0	0.0
0.0	37.5°	26.4	20.8	13.2	5.7	3.8	3.8	1.9	0.0	0.0	0.0
0.0	40°	24.5	17.0	9.4	1.9	1.9	1.9	0.0	0.0	0.0	0.0
0.0	42.5°	24.5	17.0	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	24.5	17.0	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	24.5	17.0	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	26.4	18.9	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	30.2	22.7	15.1	7.6	5.7	3.8	1.9	0.0	0.0	0.0
0.0	55°	37.8	34.0	28.3	24.5	18.9	13.2	5.7	0.0	0.0	0.0
0.0	57.5°	49.1	49.1	47.2	45.3	34.0	22.7	11.3	0.0	0.0	0.0
0.0	60°	66.1	66.1	66.1	66.1	49.1	34.0	17.0	0.0	0.0	0.0
0.0	62.5°	81.2	77.4	71.7	68.0	51.0	34.0	17.0	0.0	0.0	0.0
0.0	65°	81.2	73.6	64.2	54.7	41.5	28.3	13.2	0.0	0.0	0.0
0.0	67.5°	75.5	60.4	43.4	28.3	20.8	15.1	7.6	0.0	0.0	0.0
	70°	75.5	52.9	30.2	7.6	5.7	3.8	1.9	0.0	0.0	0.0
	72.5°	75.5	51.0	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	83.1	56.6	28.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	83.1	56.6	28.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	73.6	49.1	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	24.5	17.0	7.6	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°	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5
0.0	2.5°	84.9	84.9	84.9	83.1	83.1	83.1	83.1	81.2	81.2	81.2
0.0	5°	77.4	77.4	75.5	75.5	73.6	73.6	71.7	71.7	69.8	69.8
0.0	7.5°	71.7	69.8	69.8	68.0	66.1	66.1	64.2	64.2	62.3	60.4
0.0	10°	66.1	64.2	64.2	62.3	60.4	58.5	58.5	56.6	54.7	52.9
0.0	12.5°	60.4	58.5	56.6	54.7	52.9	51.0	51.0	49.1	47.2	45.3
0.0	15°	52.9	51.0	49.1	47.2	45.3	43.4	43.4	41.5	39.6	37.8
0.0	17.5°	45.3	43.4	43.4	41.5	39.6	37.8	35.9	32.1	30.2	28.3
0.0	20°	34.0	32.1	30.2	28.3	26.4	22.7	20.8	17.0	13.2	11.3
0.0	22.5°	22.7	18.9	17.0	13.2	9.4	7.6	5.7	1.9	0.0	0.0
0.0	25°	7.6	5.7	3.8	1.9	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: P1049350

CATALOG NUMBER: GALN-SA9B-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049350

CATALOG NUMBER: GALN-SA9B-930-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5
0.0	2.5°	79.3	79.3	79.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
0.0	5°	68.0	68.0	68.0	66.1	66.1	64.2	64.2	64.2	62.3	62.3
0.0	7.5°	58.5	56.6	56.6	54.7	54.7	52.9	52.9	52.9	51.0	51.0
0.0	10°	49.1	47.2	47.2	45.3	45.3	43.4	43.4	41.5	41.5	39.6
0.0	12.5°	43.4	41.5	39.6	37.8	37.8	35.9	34.0	34.0	32.1	30.2
0.0	15°	34.0	32.1	30.2	28.3	26.4	24.5	22.7	22.7	20.8	18.9
0.0	17.5°	22.7	18.9	17.0	15.1	15.1	13.2	11.3	9.4	7.6	5.7
0.0	20°	5.7	3.8	1.9	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: P1049350

CATALOG NUMBER: GALN-SA9B-930-U-RBC

CANDELA DISTRIBUTION (continued):

107.5°		110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°
0.0	0°	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5
0.0	2.5°	77.4	75.5	75.5	75.5	77.4	77.4	77.4	77.4	77.4	77.4
0.0	5°	62.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
0.0	7.5°	51.0	49.1	49.1	49.1	49.1	47.2	47.2	47.2	47.2	47.2
0.0	10°	39.6	37.8	37.8	37.8	37.8	35.9	35.9	35.9	35.9	35.9
0.0	12.5°	28.3	28.3	26.4	26.4	26.4	24.5	24.5	24.5	24.5	22.7
0.0	15°	17.0	15.1	13.2	13.2	13.2	11.3	11.3	11.3	11.3	9.4
0.0	17.5°	3.8	3.8	1.9	1.9	1.9	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):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5
0.0	2.5°	79.3	79.3	81.2	81.2	83.1	86.8	88.7	90.6	94.4	98.2
0.0	5°	62.3	64.2	64.2	66.1	68.0	69.8	71.7	73.6	77.4	81.2
0.0	7.5°	49.1	49.1	51.0	51.0	52.9	56.6	58.5	60.4	64.2	69.8
0.0	10°	37.8	37.8	39.6	39.6	41.5	45.3	47.2	49.1	52.9	58.5
0.0	12.5°	24.5	26.4	26.4	28.3	30.2	34.0	35.9	37.8	41.5	45.3
0.0	15°	11.3	13.2	13.2	15.1	17.0	20.8	22.7	24.5	28.3	34.0
0.0	17.5°	1.9	1.9	3.8	3.8	5.7	7.6	9.4	11.3	17.0	20.8
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	7.6
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5
0.0	2.5°	103.8	107.6	111.4	115.1	118.9	122.7	124.6	128.4	130.2	132.1
0.0	5°	88.7	92.5	98.2	101.9	105.7	109.5	113.3	115.1	117.0	118.9
0.0	7.5°	77.4	81.2	86.8	90.6	94.4	98.2	101.9	105.7	107.6	109.5
0.0	10°	66.1	71.7	75.5	81.2	84.9	88.7	92.5	96.3	100.0	101.9
0.0	12.5°	52.9	58.5	64.2	68.0	73.6	79.3	83.1	86.8	90.6	94.4
0.0	15°	41.5	47.2	52.9	56.6	62.3	68.0	73.6	77.4	81.2	84.9
0.0	17.5°	30.2	35.9	41.5	45.3	51.0	56.6	60.4	66.1	69.8	73.6
0.0	20°	15.1	20.8	26.4	32.1	37.8	43.4	47.2	52.9	56.6	60.4
0.0	22.5°	1.9	7.6	13.2	17.0	22.7	28.3	32.1	37.8	41.5	45.3
0.0	25°	0.0	1.9	5.7	7.6	9.4	13.2	17.0	20.8	24.5	28.3
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.9	3.8	7.6	11.3	15.1
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8
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	1.9
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.9	3.8
	85°	0.0	0.0	0.0	0.0	0.0	3.8	5.7	9.4	11.3	13.2
	87.5°	0.0	1.9	3.8	5.7	7.6	11.3	15.1	18.9	20.8	22.7
	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: P1049350

CATALOG NUMBER: GALN-SA9B-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
109.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.9											
7.6											
17.0											
24.5											
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REPORT NUMBER: P1049350

CATALOG NUMBER: GALN-SA9B-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5
0.0	2.5°	134.0	134.0	134.0	134.0	132.1	132.1	132.1	130.2	130.2	128.4
0.0	5°	122.7	124.6	124.6	124.6	124.6	124.6	124.6	124.6	122.7	122.7
0.0	7.5°	113.3	115.1	117.0	117.0	118.9	118.9	118.9	117.0	117.0	115.1
0.0	10°	107.6	109.5	109.5	111.4	111.4	111.4	111.4	111.4	111.4	111.4
0.0	12.5°	100.0	101.9	103.8	103.8	105.7	105.7	105.7	105.7	103.8	103.8
0.0	15°	90.6	94.4	96.3	98.2	98.2	100.0	100.0	100.0	100.0	100.0
0.0	17.5°	83.1	86.8	88.7	90.6	90.6	92.5	92.5	94.4	94.4	94.4
0.0	20°	68.0	71.7	73.6	77.4	79.3	81.2	83.1	84.9	84.9	86.8
0.0	22.5°	52.9	56.6	58.5	62.3	64.2	66.1	68.0	69.8	71.7	73.6
0.0	25°	37.8	41.5	43.4	47.2	49.1	51.0	52.9	54.7	54.7	56.6
0.0	27.5°	20.8	24.5	28.3	30.2	34.0	35.9	37.8	39.6	41.5	43.4
0.0	30°	9.4	11.3	13.2	17.0	18.9	20.8	22.7	26.4	28.3	30.2
0.0	32.5°	0.0	0.0	1.9	5.7	7.6	9.4	11.3	13.2	13.2	15.1
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.9	3.8	5.7	7.6
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	3.8	3.8	3.8	5.7	5.7	5.7	5.7	5.7	5.7	5.7
	82.5°	9.4	11.3	13.2	13.2	15.1	15.1	15.1	15.1	13.2	13.2
	85°	18.9	20.8	22.7	22.7	24.5	24.5	24.5	24.5	24.5	24.5
	87.5°	26.4	28.3	30.2	30.2	32.1	32.1	32.1	32.1	32.1	32.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049350

CATALOG NUMBER: GALN-SA9B-930-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
109.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
5.7											
13.2											
24.5											
32.1											
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REPORT NUMBER: P1049350

CATALOG NUMBER: GALN-SA9B-930-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
0.0	0°	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5
0.0	2.5°	126.5	126.5	124.6	124.6	124.6	124.6	124.6	126.5	128.4	128.4
0.0	5°	120.8	120.8	118.9	118.9	118.9	120.8	120.8	122.7	124.6	126.5
0.0	7.5°	115.1	113.3	113.3	115.1	115.1	117.0	117.0	118.9	120.8	122.7
0.0	10°	111.4	109.5	109.5	109.5	111.4	111.4	113.3	115.1	117.0	118.9
0.0	12.5°	103.8	103.8	103.8	103.8	105.7	105.7	107.6	109.5	113.3	115.1
0.0	15°	100.0	98.2	98.2	98.2	98.2	100.0	100.0	103.8	107.6	109.5
0.0	17.5°	92.5	92.5	90.6	90.6	92.5	92.5	94.4	98.2	101.9	103.8
0.0	20°	84.9	83.1	81.2	81.2	83.1	83.1	84.9	88.7	92.5	94.4
0.0	22.5°	73.6	71.7	71.7	71.7	71.7	73.6	73.6	77.4	83.1	86.8
0.0	25°	58.5	60.4	60.4	62.3	62.3	64.2	66.1	69.8	75.5	79.3
0.0	27.5°	45.3	47.2	47.2	51.0	52.9	54.7	56.6	62.3	68.0	71.7
0.0	30°	34.0	35.9	37.8	39.6	43.4	47.2	51.0	56.6	62.3	66.1
0.0	32.5°	20.8	24.5	26.4	30.2	34.0	37.8	41.5	47.2	54.7	60.4
0.0	35°	15.1	17.0	20.8	22.7	26.4	30.2	34.0	41.5	47.2	54.7
0.0	37.5°	7.6	11.3	15.1	18.9	22.7	26.4	30.2	37.8	45.3	51.0
0.0	40°	5.7	9.4	11.3	15.1	20.8	24.5	28.3	35.9	43.4	51.0
0.0	42.5°	3.8	5.7	7.6	13.2	17.0	22.7	28.3	35.9	43.4	51.0
0.0	45°	3.8	3.8	5.7	11.3	17.0	24.5	30.2	37.8	43.4	51.0
0.0	47.5°	3.8	5.7	7.6	15.1	18.9	24.5	30.2	35.9	43.4	49.1
0.0	50°	5.7	7.6	9.4	17.0	20.8	26.4	30.2	37.8	43.4	51.0
0.0	52.5°	3.8	5.7	7.6	15.1	20.8	28.3	34.0	41.5	49.1	54.7
0.0	55°	1.9	1.9	1.9	11.3	22.7	32.1	43.4	49.1	56.6	62.3
0.0	57.5°	0.0	0.0	0.0	7.6	22.7	35.9	49.1	56.6	64.2	69.8
0.0	60°	0.0	0.0	0.0	7.6	22.7	35.9	49.1	58.5	68.0	77.4
0.0	62.5°	0.0	0.0	0.0	7.6	18.9	30.2	41.5	56.6	73.6	88.7
0.0	65°	0.0	0.0	0.0	5.7	15.1	24.5	34.0	56.6	79.3	100.0
0.0	67.5°	0.0	0.0	0.0	5.7	15.1	22.7	32.1	56.6	79.3	103.8
	70°	0.0	0.0	0.0	5.7	15.1	24.5	34.0	56.6	79.3	101.9
	72.5°	0.0	0.0	0.0	5.7	17.0	26.4	37.8	56.6	75.5	94.4
	75°	0.0	0.0	0.0	7.6	17.0	28.3	39.6	56.6	73.6	88.7
	77.5°	0.0	0.0	0.0	5.7	17.0	26.4	37.8	54.7	71.7	86.8
	80°	5.7	3.8	3.8	9.4	17.0	24.5	32.1	49.1	68.0	84.9
	82.5°	11.3	11.3	9.4	13.2	17.0	22.7	28.3	43.4	60.4	75.5
	85°	22.7	22.7	20.8	22.7	22.7	24.5	26.4	34.0	41.5	49.1
	87.5°	30.2	30.2	28.3	28.3	28.3	26.4	26.4	26.4	26.4	24.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
109.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.6											
113.3											
105.7											
103.8											
101.9											
90.6											
56.6											
24.5											
0.0											
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REPORT NUMBER: P1049350

CATALOG NUMBER: GALN-SA9B-930-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5
0.0	2.5°	132.1	134.0	134.0	135.9	137.8	139.7	139.7	141.6	141.6	141.6
0.0	5°	130.2	134.0	135.9	137.8	139.7	141.6	143.5	145.3	147.2	147.2
0.0	7.5°	128.4	130.2	134.0	135.9	139.7	141.6	145.3	147.2	149.1	151.0
0.0	10°	124.6	128.4	132.1	135.9	139.7	143.5	147.2	151.0	154.8	156.7
0.0	12.5°	120.8	126.5	130.2	134.0	139.7	145.3	149.1	154.8	158.6	162.3
0.0	15°	118.9	122.7	128.4	132.1	139.7	147.2	152.9	160.4	168.0	173.7
0.0	17.5°	113.3	120.8	126.5	132.1	139.7	149.1	156.7	164.2	175.5	186.9
0.0	20°	105.7	111.4	118.9	124.6	135.9	145.3	156.7	166.1	183.1	200.1
0.0	22.5°	98.2	105.7	111.4	118.9	132.1	143.5	156.7	168.0	196.3	222.7
0.0	25°	90.6	100.0	107.6	115.1	130.2	145.3	160.4	175.5	222.7	269.9
0.0	27.5°	86.8	94.4	103.8	111.4	130.2	151.0	169.9	188.8	264.3	337.9
0.0	30°	81.2	90.6	98.2	107.6	132.1	156.7	181.2	205.7	320.9	436.0
0.0	32.5°	75.5	84.9	94.4	103.8	135.9	168.0	198.2	230.3	381.3	530.4
0.0	35°	69.8	81.2	90.6	100.0	141.6	185.0	226.5	268.0	436.0	602.1
0.0	37.5°	68.0	79.3	88.7	98.2	143.5	186.9	232.2	275.6	441.7	607.8
0.0	40°	69.8	79.3	90.6	100.0	137.8	175.5	211.4	249.2	422.8	594.6
0.0	42.5°	69.8	81.2	92.5	103.8	134.0	164.2	194.4	224.6	417.1	609.7
0.0	45°	68.0	79.3	90.6	101.9	130.2	156.7	185.0	211.4	451.1	688.9
0.0	47.5°	66.1	77.4	88.7	100.0	128.4	156.7	185.0	213.3	583.2	951.3
0.0	50°	66.1	77.4	86.8	96.3	130.2	166.1	200.1	234.1	849.4	1462.8
0.0	52.5°	69.8	79.3	86.8	94.4	134.0	175.5	215.2	254.8	1079.7	1902.6
0.0	55°	75.5	81.2	88.7	94.4	143.5	190.6	239.7	286.9	1149.5	2012.1
0.0	57.5°	83.1	88.7	94.4	100.0	160.4	220.8	279.4	339.8	1155.2	1968.7
0.0	60°	92.5	100.0	105.7	111.4	175.5	241.6	305.8	370.0	1045.7	1719.5
0.0	62.5°	113.3	122.7	130.2	139.7	202.0	262.4	324.7	385.1	868.3	1351.5
0.0	65°	130.2	137.8	145.3	152.9	213.3	275.6	336.0	396.4	736.1	1075.9
0.0	67.5°	134.0	141.6	147.2	154.8	217.1	279.4	339.8	402.0	630.4	856.9
	70°	135.9	145.3	156.7	166.1	230.3	294.5	356.7	420.9	558.7	696.5
	72.5°	130.2	149.1	166.1	183.1	243.5	302.0	362.4	420.9	519.1	617.2
	75°	130.2	156.7	181.2	205.7	251.0	294.5	339.8	383.2	458.7	534.2
	77.5°	137.8	171.8	205.7	239.7	266.1	290.7	317.1	341.6	390.7	439.8
	80°	137.8	173.7	207.6	243.5	254.8	268.0	279.4	290.7	296.3	302.0
	82.5°	118.9	147.2	175.5	203.9	190.6	177.4	164.2	151.0	141.6	130.2
	85°	60.4	66.1	69.8	73.6	68.0	62.3	56.6	51.0	47.2	41.5
	87.5°	24.5	24.5	22.7	22.7	22.7	22.7	20.8	20.8	20.8	20.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GALN-SA9B-930-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
109.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
183.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
202.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
232.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
296.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
402.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
558.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
756.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
945.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1074.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1170.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1266.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1455.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1832.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2793.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4279.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5387.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5509.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4971.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4250.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3322.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2510.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1853.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1311.8											
975.8											
709.7											
534.2											
300.1											
135.9											
39.6											
18.9											
0.0											
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CATALOG NUMBER: GALN-SA9B-930-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
0.0	0°	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5
0.0	2.5°	141.6	139.7	139.7	137.8	135.9	134.0	132.1	130.2	128.4	126.5
0.0	5°	147.2	147.2	147.2	145.3	145.3	143.5	143.5	141.6	139.7	137.8
0.0	7.5°	152.9	154.8	154.8	156.7	156.7	156.7	156.7	154.8	154.8	154.8
0.0	10°	162.3	164.2	166.1	168.0	169.9	171.8	171.8	173.7	173.7	173.7
0.0	12.5°	173.7	179.3	183.1	188.8	192.5	198.2	202.0	207.6	211.4	215.2
0.0	15°	190.6	200.1	211.4	220.8	230.3	243.5	258.6	271.8	285.0	305.8
0.0	17.5°	215.2	245.4	275.6	303.9	334.1	400.2	466.2	530.4	596.5	692.7
0.0	20°	262.4	353.0	441.7	532.3	621.0	853.2	1083.4	1315.6	1545.9	1793.1
0.0	22.5°	368.1	590.8	813.5	1036.2	1259.0	1744.1	2227.3	2712.4	3195.6	3763.7
0.0	25°	534.2	943.8	1353.3	1761.0	2170.6	2929.4	3690.1	4448.9	5207.6	5945.7
0.0	27.5°	777.7	1404.3	2031.0	2655.7	3282.4	4311.1	5341.7	6370.3	7399.0	8233.3
0.0	30°	1077.8	1927.1	2776.5	3625.9	4475.3	5645.5	6815.8	7984.2	9154.4	10066.1
0.0	32.5°	1360.9	2400.9	3440.9	4479.1	5519.1	6851.7	8186.1	9518.7	10851.3	11847.9
0.0	35°	1545.9	2803.0	4061.9	5319.0	6576.1	8018.1	9460.2	10900.4	12342.4	13480.6
0.0	37.5°	1730.8	3182.3	4631.9	6083.4	7533.1	9116.7	10700.3	12283.9	13867.5	15273.7
0.0	40°	1938.5	3641.0	5341.7	7044.2	8744.8	10621.0	12495.3	14371.5	16245.8	18229.6
0.0	42.5°	2299.0	4401.7	6506.2	8608.9	10711.6	13193.7	15675.8	18156.0	20638.0	23469.3
0.0	45°	2976.6	5940.0	8905.3	11868.7	14832.1	18120.1	21410.0	24698.1	27986.1	31753.6
0.0	47.5°	4635.7	8712.7	12787.9	16864.9	20940.0	24490.4	28039.0	31589.4	35137.9	38890.3
0.0	50°	7093.3	11838.5	16583.7	21327.0	26072.2	29284.7	32495.4	35707.9	38918.6	42487.8
0.0	52.5°	8871.3	13814.7	18760.0	23703.3	28646.7	31546.0	34447.1	37346.3	40245.5	43580.7
0.0	55°	9005.3	13920.4	18837.3	23752.4	28667.5	31579.9	34492.4	37404.8	40317.2	43852.5
0.0	57.5°	7972.8	12848.3	17721.8	22597.3	27470.8	30787.2	34101.6	37418.0	40732.5	44554.7
0.0	60°	6781.8	11659.1	16534.6	21411.9	26287.4	30107.7	33929.9	37750.2	41570.5	45151.1
0.0	62.5°	5290.7	10307.7	15326.6	20343.6	25360.6	29239.4	33118.2	36995.2	40874.0	43560.0
0.0	65°	3943.0	8814.7	13686.3	18556.1	23427.8	26534.6	29641.5	32746.4	35853.3	37516.1
0.0	67.5°	2850.1	7051.7	11251.4	15453.0	19652.8	21876.2	24099.7	26321.3	28544.8	29817.0
	70°	1927.1	4837.7	7746.3	10656.9	13565.5	15392.6	17221.6	19048.7	20875.9	22593.5
	72.5°	1334.5	2969.1	4605.5	6240.1	7874.7	9713.1	11549.7	13388.1	15224.7	17042.3
	75°	885.2	1628.9	2374.5	3118.2	3861.8	5222.7	6585.5	7946.4	9307.3	10390.7
	77.5°	628.5	851.3	1075.9	1298.6	1521.3	1776.1	2032.8	2287.7	2542.5	2929.4
	80°	298.2	326.5	354.9	381.3	409.6	502.1	594.6	687.1	779.5	877.7
	82.5°	141.6	152.9	164.2	173.7	185.0	194.4	203.9	213.3	222.7	213.3
	85°	37.8	37.8	39.6	39.6	39.6	39.6	39.6	39.6	39.6	37.8
	87.5°	17.0	17.0	17.0	17.0	17.0	17.0	17.0	15.1	15.1	13.2
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
109.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
217.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
328.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
787.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2042.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4331.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6683.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9067.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10979.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12846.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14618.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16681.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20213.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26300.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35521.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42642.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46057.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46915.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47389.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48376.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48729.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46247.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39180.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31091.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24309.2											
18860.0											
11474.2											
3316.4											
975.8											
202.0											
35.9											
13.2											
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°	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5
0.0	2.5°	122.7	120.8	118.9	117.0	115.1	111.4	111.4	109.5	109.5
0.0	5°	134.0	132.1	130.2	128.4	128.4	126.5	124.6	124.6	122.7
0.0	7.5°	152.9	151.0	149.1	147.2	147.2	145.3	145.3	143.5	143.5
0.0	10°	175.5	175.5	175.5	175.5	175.5	173.7	173.7	173.7	171.8
0.0	12.5°	220.8	222.7	226.5	230.3	235.9	235.9	235.9	234.1	234.1
0.0	15°	349.2	370.0	385.1	400.2	413.4	443.6	439.8	434.1	430.4
0.0	17.5°	883.4	977.7	1028.7	1077.8	1128.7	1268.4	1245.8	1223.1	1202.3
0.0	20°	2289.5	2536.8	2701.0	2865.2	3031.3	3293.7	3229.5	3165.4	3101.2
0.0	22.5°	4898.1	5466.2	5713.5	5960.8	6206.1	6523.2	6317.5	6111.8	5907.9
0.0	25°	7419.8	8157.8	8575.0	8992.1	9407.3	9588.6	9320.5	9050.6	8782.6
0.0	27.5°	9901.9	10736.2	11104.2	11470.4	11838.5	12217.9	11885.6	11551.6	11219.4
0.0	30°	11891.3	12803.0	13201.2	13597.6	13995.9	14260.1	13916.6	13571.2	13227.7
0.0	32.5°	13843.0	14839.6	15275.6	15711.6	16145.8	16525.1	16102.3	15677.7	15254.9
0.0	35°	15755.0	16893.2	17493.4	18093.7	18693.9	19046.9	18544.8	18040.8	17538.7
0.0	37.5°	18088.0	19494.2	20166.2	20838.1	21510.1	22153.7	21600.7	21045.7	20492.7
0.0	40°	22197.1	24180.9	25211.5	26243.9	27274.5	28105.0	27406.6	26708.3	26009.9
0.0	42.5°	29131.8	31963.1	33444.8	34924.6	36406.3	37703.0	36968.8	36234.5	35500.3
0.0	45°	39288.5	43056.0	44862.3	46666.8	48473.1	49420.7	48363.7	47304.8	46247.8
0.0	47.5°	46393.1	50145.5	51753.6	53361.8	54970.0	56051.5	54758.5	53465.6	52174.5
0.0	50°	49624.5	53193.8	54807.6	56419.6	58033.4	58892.2	57399.2	55904.3	54411.2
0.0	52.5°	50249.3	53584.5	55509.8	57436.9	59362.2	60509.8	58746.9	56982.0	55219.1
0.0	55°	50925.0	54460.3	56693.2	58928.1	61161.0	62750.3	60757.1	58762.0	56768.7
0.0	57.5°	52197.2	56019.4	58246.7	60472.0	62699.3	64048.9	62050.0	60049.2	58050.4
0.0	60°	52310.4	55889.2	57803.1	59718.9	61632.9	62482.2	60570.2	58656.3	56744.2
0.0	62.5°	48933.7	51619.6	52948.4	54277.2	55606.0	56529.0	54533.9	52537.0	50541.9
0.0	65°	40843.8	42506.7	43565.6	44624.5	45683.4	46783.8	44956.7	43129.6	41302.5
0.0	67.5°	32363.2	33635.4	35030.3	36425.2	37820.0	38996.0	37533.1	36068.4	34605.6
	70°	26026.9	27742.6	29311.1	30879.7	32448.2	33410.8	31942.3	30472.0	29003.5
	72.5°	20677.7	22495.3	23805.3	25113.3	26423.3	26659.2	25579.5	24499.9	23422.1
	75°	12555.7	13639.1	13665.6	13690.1	13716.5	13941.1	13046.5	12151.8	11259.0
	77.5°	3703.3	4090.2	4409.2	4726.3	5045.3	5430.4	5101.9	4771.6	4443.2
	80°	1072.1	1170.3	1253.3	1334.5	1417.5	1368.4	1291.1	1213.7	1136.3
	82.5°	192.5	181.2	179.3	177.4	177.4	168.0	152.9	137.8	122.7
	85°	34.0	32.1	30.2	28.3	26.4	24.5	20.8	18.9	15.1
	87.5°	11.3	9.4	7.6	5.7	5.7	1.9	1.9	1.9	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]

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CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5
0.0	0.0	2.5°	107.6	105.7	105.7	105.7	105.7	103.8	103.8	103.8	103.8
0.0	0.0	5°	118.9	118.9	117.0	117.0	115.1	115.1	113.3	113.3	111.4
0.0	0.0	7.5°	139.7	137.8	135.9	134.0	132.1	128.4	126.5	124.6	124.6
0.0	0.0	10°	168.0	164.2	162.3	158.6	156.7	152.9	149.1	145.3	141.6
0.0	0.0	12.5°	220.8	213.3	207.6	200.1	192.5	186.9	179.3	173.7	166.1
0.0	0.0	15°	383.2	364.3	343.5	319.0	292.6	268.0	241.6	226.5	209.5
0.0	0.0	17.5°	979.6	881.5	781.4	700.3	619.1	539.8	458.7	400.2	341.6
0.0	0.0	20°	2493.4	2221.6	1949.8	1681.8	1411.9	1143.8	873.9	738.0	602.1
0.0	0.0	22.5°	4692.3	4188.4	3682.5	3193.7	2702.9	2214.0	1725.2	1417.5	1111.7
0.0	0.0	25°	7242.4	6608.2	5974.0	5169.9	4363.9	3559.8	2755.8	2255.6	1755.4
0.0	0.0	27.5°	9424.3	8693.9	7963.4	6985.7	6007.9	5030.2	4052.5	3306.9	2563.2
0.0	0.0	30°	11313.7	10528.5	9743.3	8605.2	7467.0	6328.8	5190.7	4258.2	3325.8
0.0	0.0	32.5°	12952.1	12012.1	11072.1	9898.1	8724.1	7550.0	6376.0	5232.2	4088.3
0.0	0.0	35°	14841.5	13744.8	12646.3	11343.9	10039.7	8737.3	7434.9	6143.8	4850.9
0.0	0.0	37.5°	17242.4	15896.6	14548.9	13097.4	11645.9	10196.3	8744.8	7268.8	5792.8
0.0	0.0	40°	21838.5	20102.0	18365.5	16521.4	14675.4	12831.3	10987.2	9175.2	7363.2
0.0	0.0	42.5°	30073.7	27727.5	25381.3	22927.6	20471.9	18018.2	15562.5	13006.8	10449.3
0.0	0.0	45°	39367.8	36457.3	33544.8	30790.9	28035.2	25281.3	22527.4	19020.4	15513.4
0.0	0.0	47.5°	44594.3	41451.6	38308.9	35702.2	33095.6	30488.9	27882.3	24101.6	20320.9
0.0	0.0	50°	46517.7	43318.4	40119.0	37720.0	35319.1	32920.1	30519.1	26732.8	22944.6
0.0	0.0	52.5°	46927.3	43663.8	40400.3	37986.1	35572.0	33159.8	30745.6	26983.8	23222.0
0.0	0.0	55°	47769.1	44267.8	40764.6	38012.6	35260.6	32508.6	29756.6	25934.4	22112.2
0.0	0.0	57.5°	48869.5	45279.5	41689.4	38554.3	35419.1	32285.9	29150.7	24971.8	20792.8
0.0	0.0	60°	48580.7	45456.9	42331.2	38973.3	35613.5	32255.7	28895.9	24299.8	19701.8
0.0	0.0	62.5°	43567.5	41079.8	38590.1	35828.7	33065.4	30304.0	27542.5	22810.6	18078.6
0.0	0.0	65°	35841.9	34026.1	32210.4	29988.8	27765.3	25543.7	23322.1	19078.9	14837.7
0.0	0.0	67.5°	29048.8	27002.7	24954.8	23184.3	21411.9	19641.4	17869.1	14530.1	11191.0
		70°	23078.6	20853.2	18625.9	16897.0	15166.1	13437.2	11708.2	9488.5	7270.7
		72.5°	18327.7	16321.3	14314.9	12470.8	10624.8	8780.7	6934.7	5622.9	4311.1
		75°	8759.9	7957.7	7155.5	6191.0	5226.5	4262.0	3297.5	2725.6	2155.5
		77.5°	3246.5	2814.3	2380.1	1987.5	1594.9	1204.2	811.6	743.7	675.7
		80°	839.9	732.4	622.9	545.5	466.2	388.8	311.4	281.2	252.9
		82.5°	96.3	88.7	83.1	79.3	73.6	69.8	64.2	58.5	52.9
		85°	5.7	3.8	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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CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	109.5	109.5
0.0	0.0	2.5°	101.9	100.0
0.0	0.0	5°	107.6	105.7
0.0	0.0	7.5°	118.9	115.1
0.0	0.0	10°	130.2	126.5
0.0	0.0	12.5°	147.2	141.6
0.0	0.0	15°	166.1	154.8
0.0	0.0	17.5°	198.2	173.7
0.0	0.0	20°	268.0	205.7
0.0	0.0	22.5°	377.5	256.7
0.0	0.0	25°	554.9	354.9
0.0	0.0	27.5°	772.0	471.9
0.0	0.0	30°	1026.8	590.8
0.0	0.0	32.5°	1251.4	704.0
0.0	0.0	35°	1544.0	819.2
0.0	0.0	37.5°	1904.5	966.4
0.0	0.0	40°	2463.2	1189.1
0.0	0.0	42.5°	3469.2	1600.6
0.0	0.0	45°	5634.2	2767.1
0.0	0.0	47.5°	8669.3	4577.2
0.0	0.0	50°	10605.9	5841.8
0.0	0.0	52.5°	10764.5	5832.4
0.0	0.0	55°	9826.4	5185.0
0.0	0.0	57.5°	8384.3	4333.7
0.0	0.0	60°	6968.7	3427.7
0.0	0.0	62.5°	5490.8	2366.9
0.0	0.0	65°	4012.8	1674.2
0.0	0.0	67.5°	2882.2	1251.4
		70°	1895.1	958.9
		72.5°	1234.4	781.4
		75°	830.5	647.4
		77.5°	485.1	430.4
		80°	171.8	151.0
		82.5°	32.1	22.7
		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: P1049350

CATALOG NUMBER: GALN-SA9B-930-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	0.0	0.0
115°	0.0	0.0
117.5°	0.0	0.0
120°	0.0	0.0
122.5°	0.0	0.0
125°	0.0	0.0
127.5°	0.0	0.0
130°	0.0	0.0
132.5°	0.0	0.0
135°	0.0	0.0
137.5°	0.0	0.0
140°	0.0	0.0
142.5°	0.0	0.0
145°	0.0	0.0
147.5°	0.0	0.0
150°	0.0	0.0
152.5°	0.0	0.0
155°	0.0	0.0
157.5°	0.0	0.0
160°	0.0	0.0
162.5°	0.0	0.0
165°	0.0	0.0
167.5°	0.0	0.0
170°	0.0	0.0
172.5°	0.0	0.0
175°	0.0	0.0
177.5°	0.0	0.0
180°	0.0	0.0

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: SP1-2407-184-14

Test Date: 10/11/2024

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

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

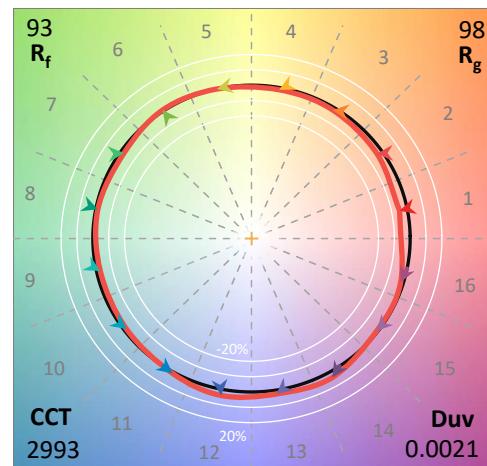
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-14
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-930-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 3000K CCT 26 LEDS

Spectral Parameters

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

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



Test Conditions

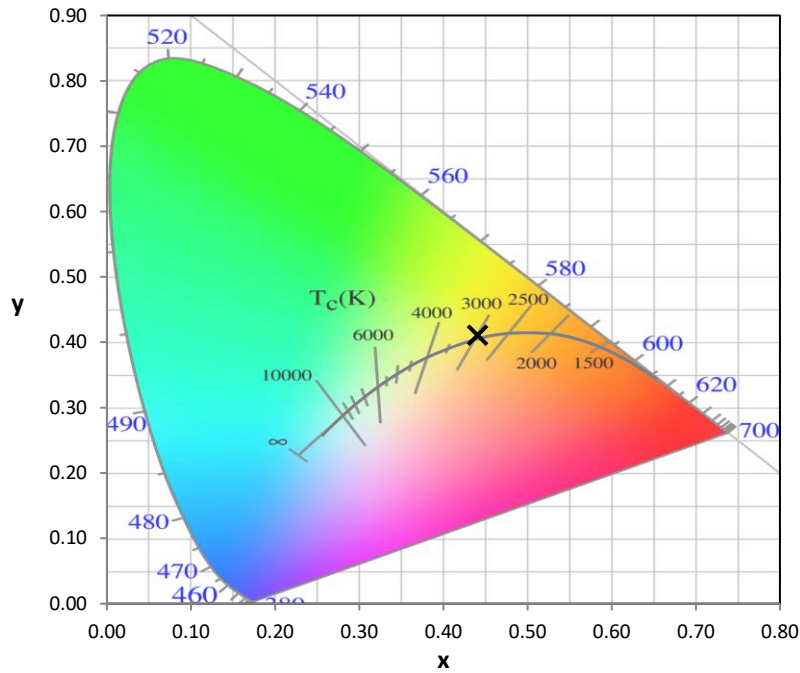
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-14

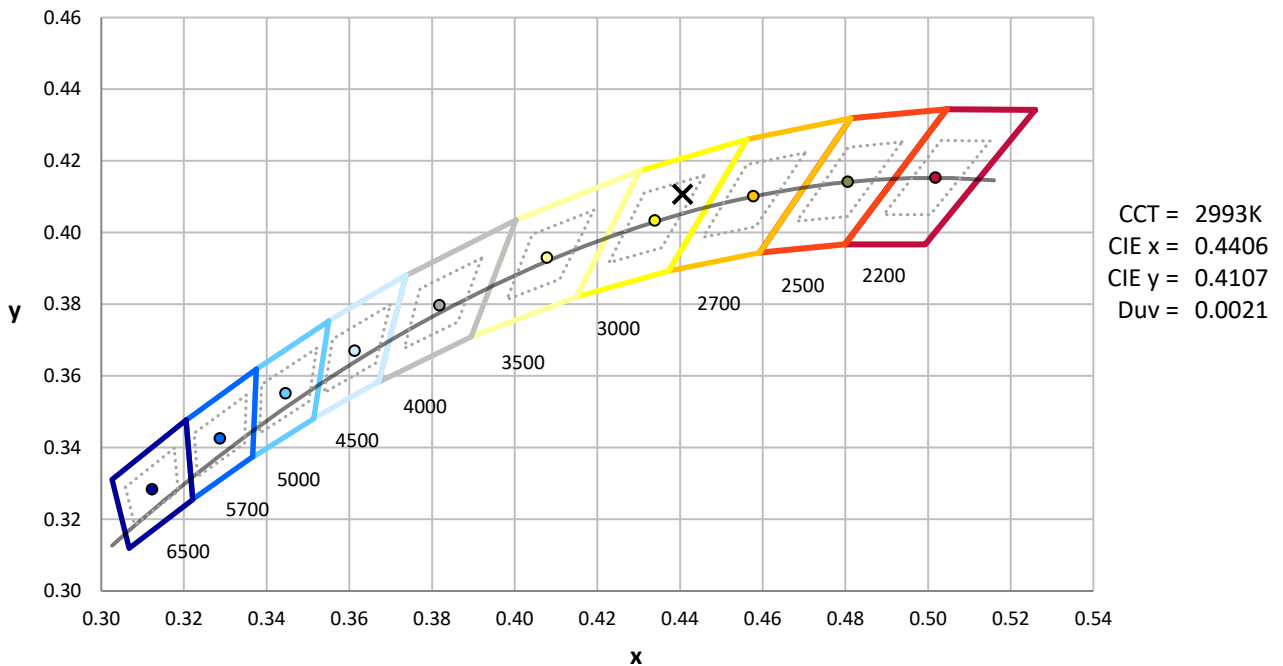
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



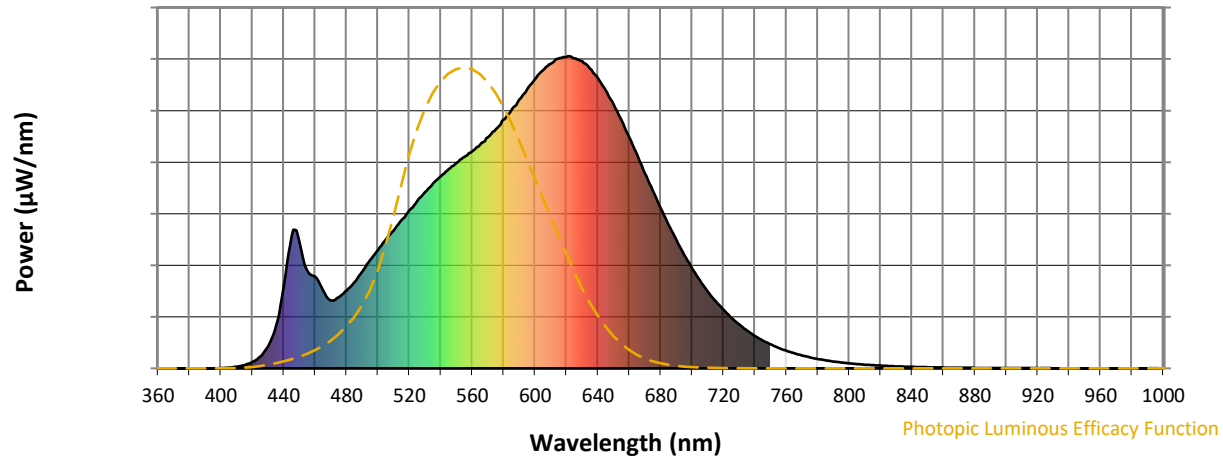
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

Photopic Flux vs. Wavelength

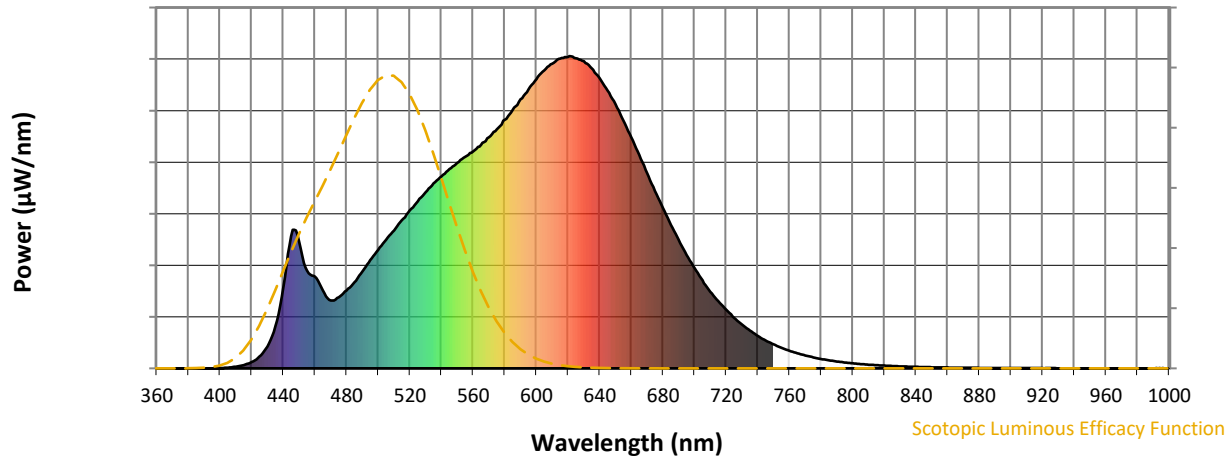


Photopic Lumens: NR

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

REPORT NUMBER: SP1-2407-184-14

Scotopic Flux vs. Wavelength



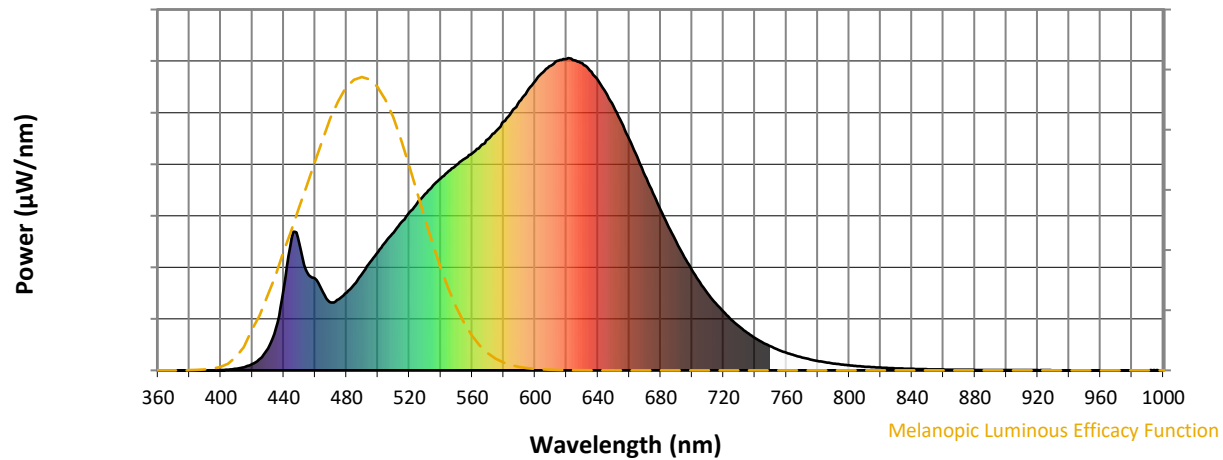
Scotopic Lumens: NR

S/P: 1.39

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

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.69

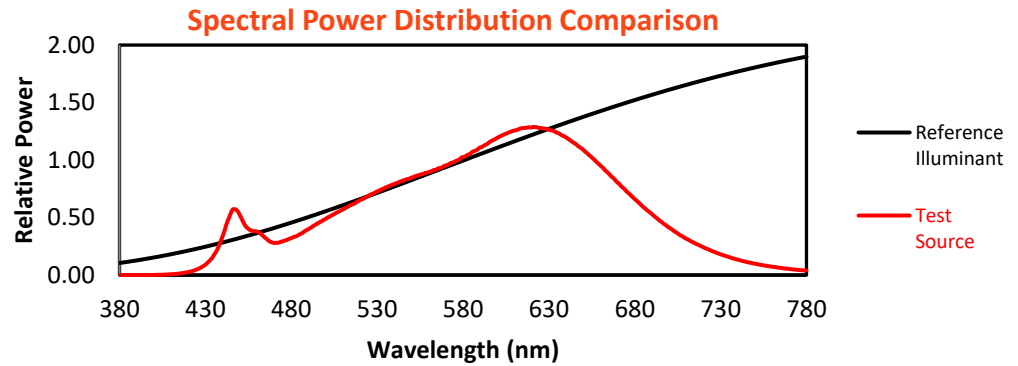
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379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

REPORT NUMBER: SP1-2407-184-14

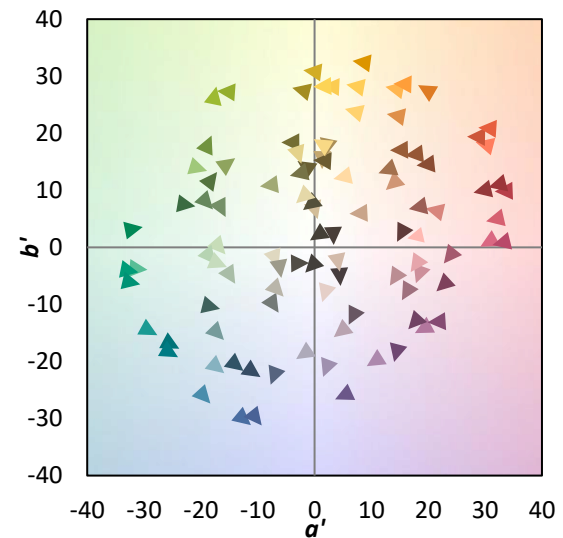
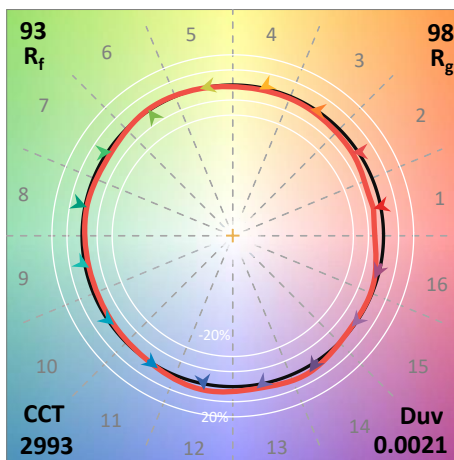
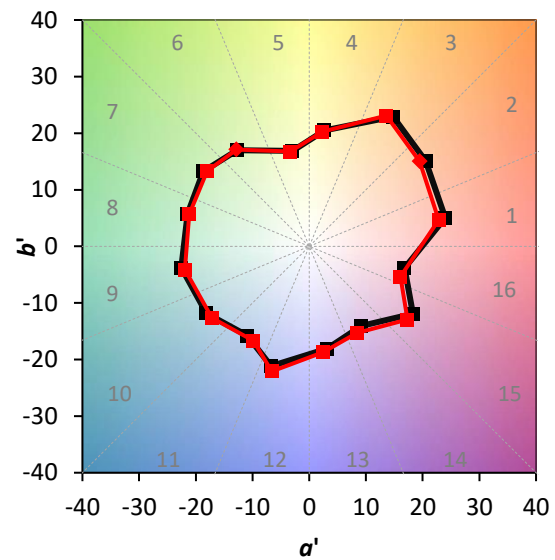
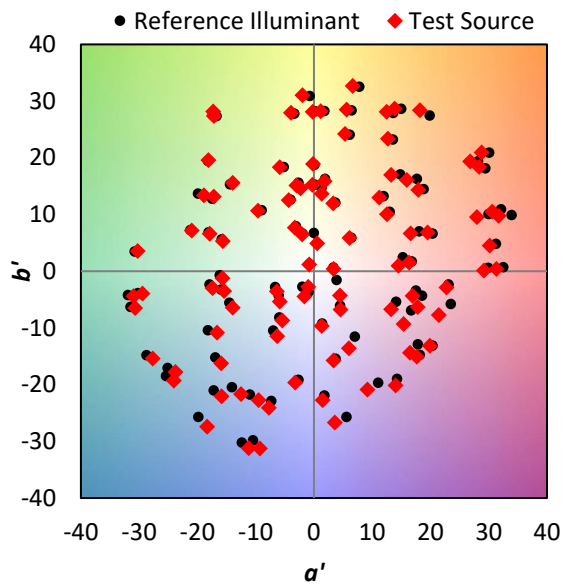
TM-30-18

Summary

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

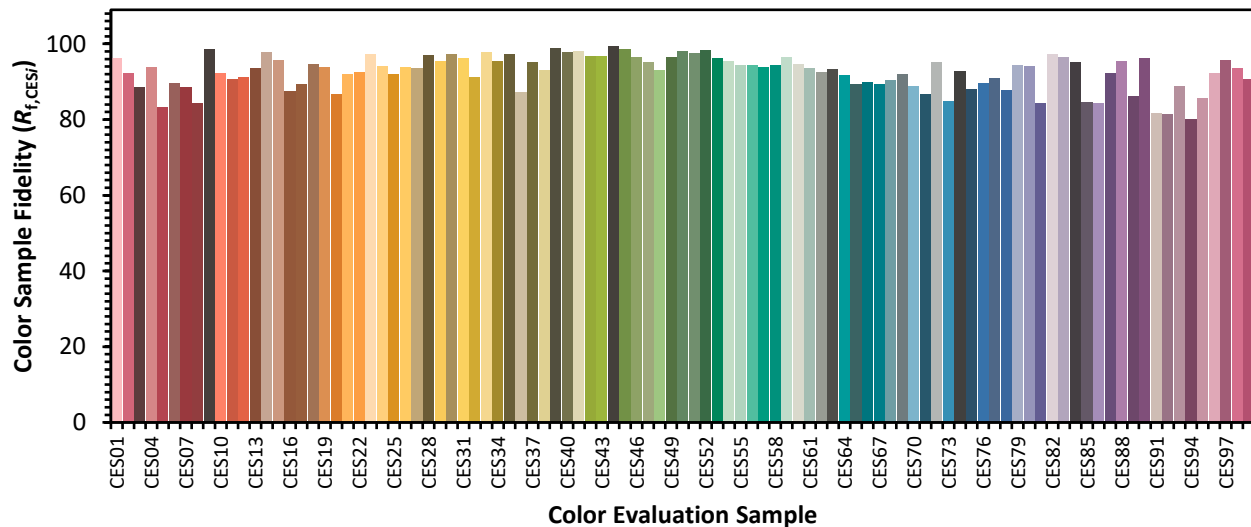


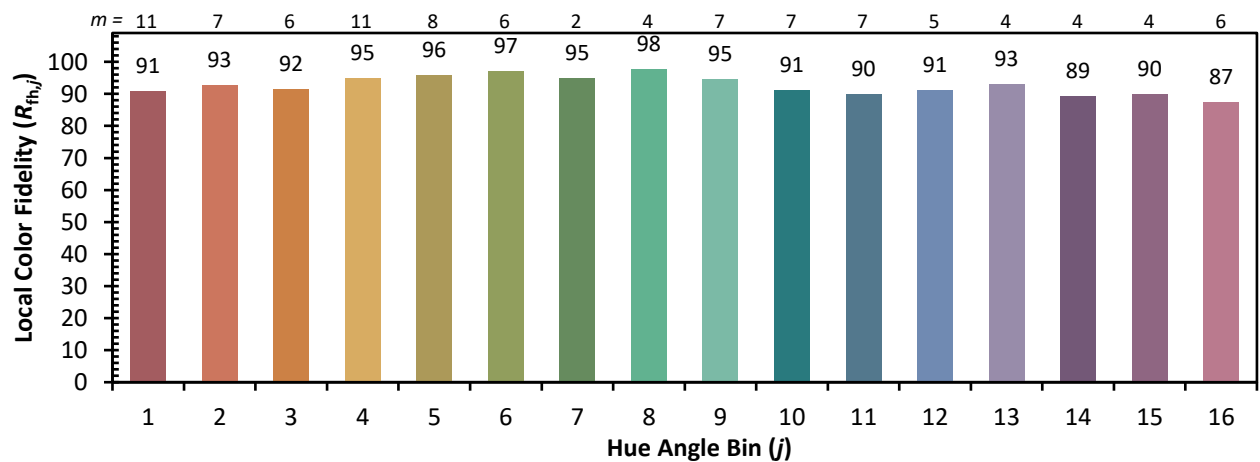
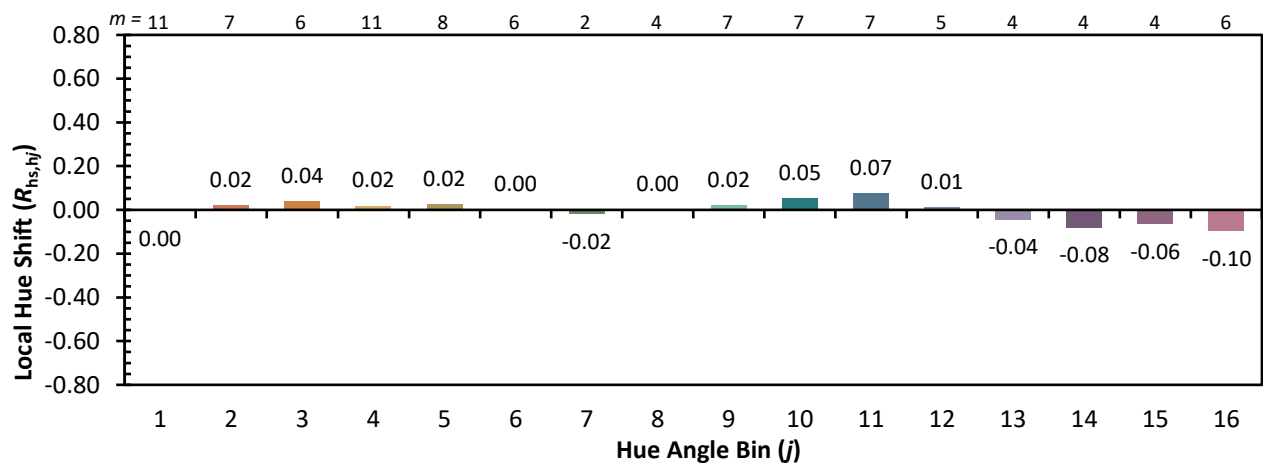
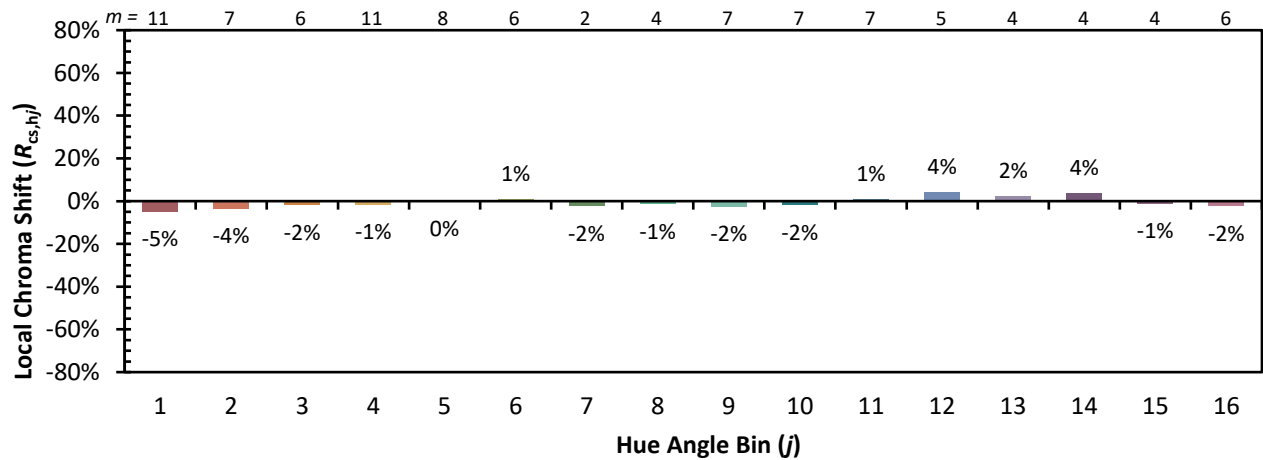
Color Vector Graphics



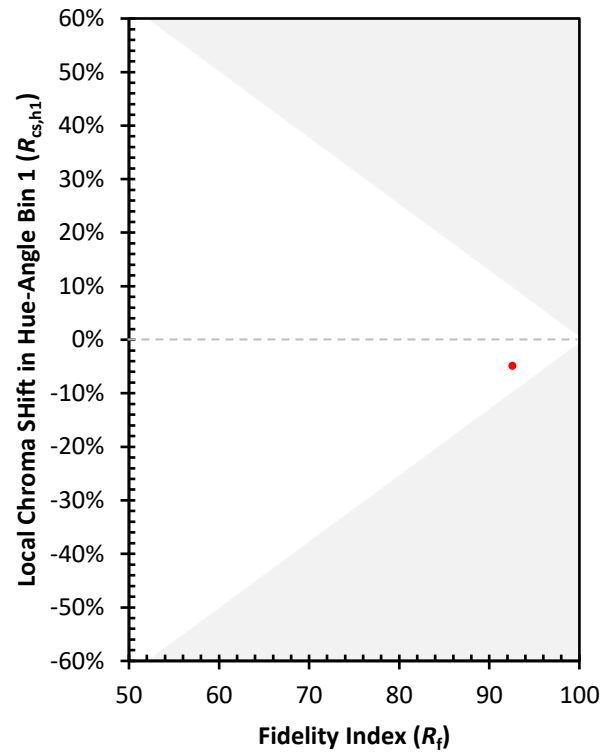
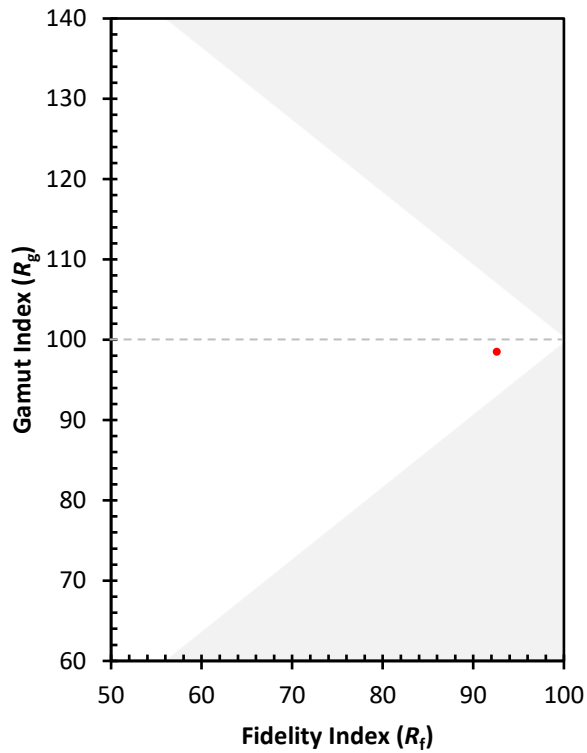
Individual Sample Fidelity Index ($R_{f,i}$)

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



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)