

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: P1049345

Luminaire Tested: **GALN-SA8A-930-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049345
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8A-930-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 8xLight Square PACKAGE
90CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (112) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18013.6 lumens
Efficiency: N/A
Efficacy: 82.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

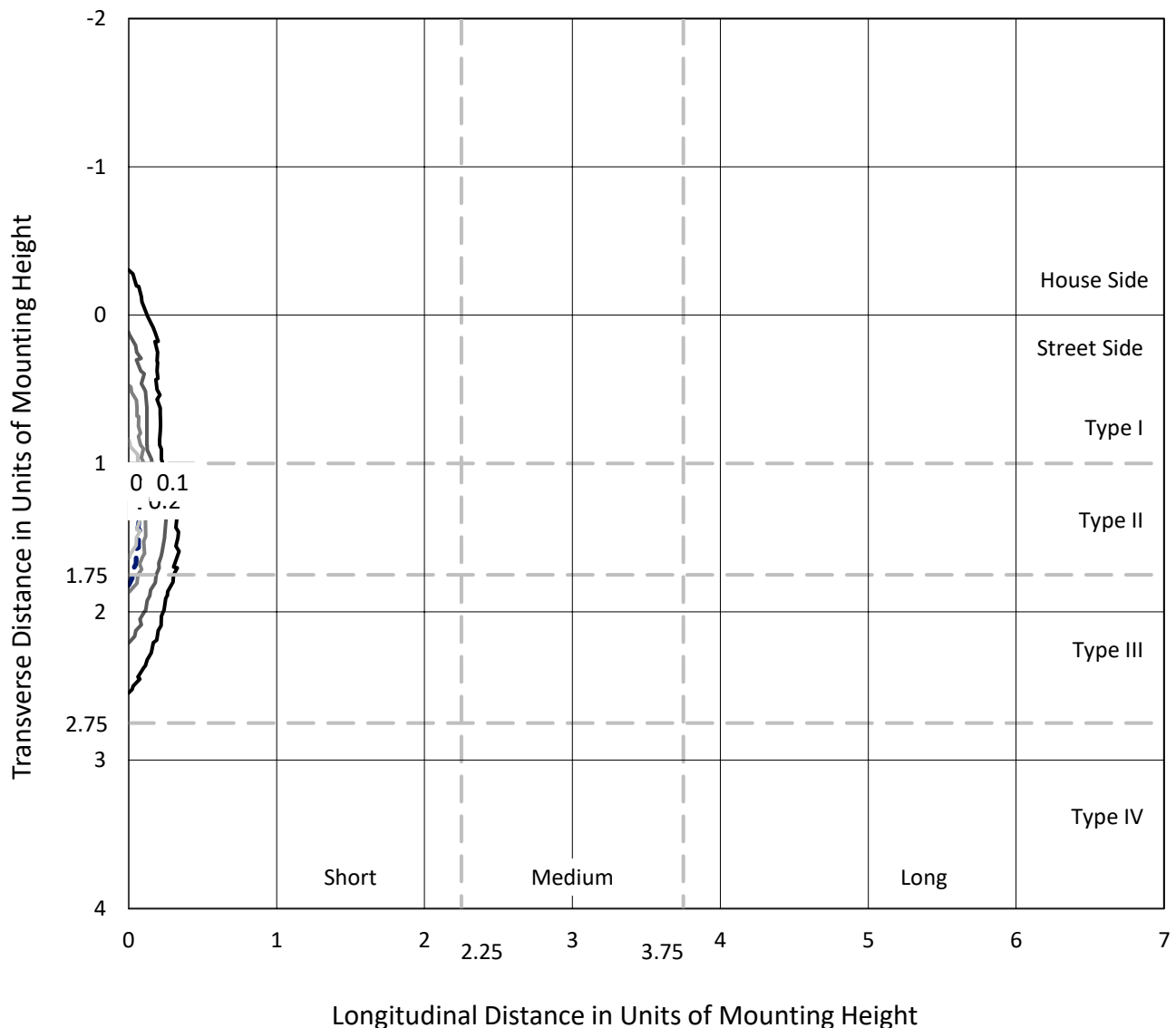
Input Watts (W): 217.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

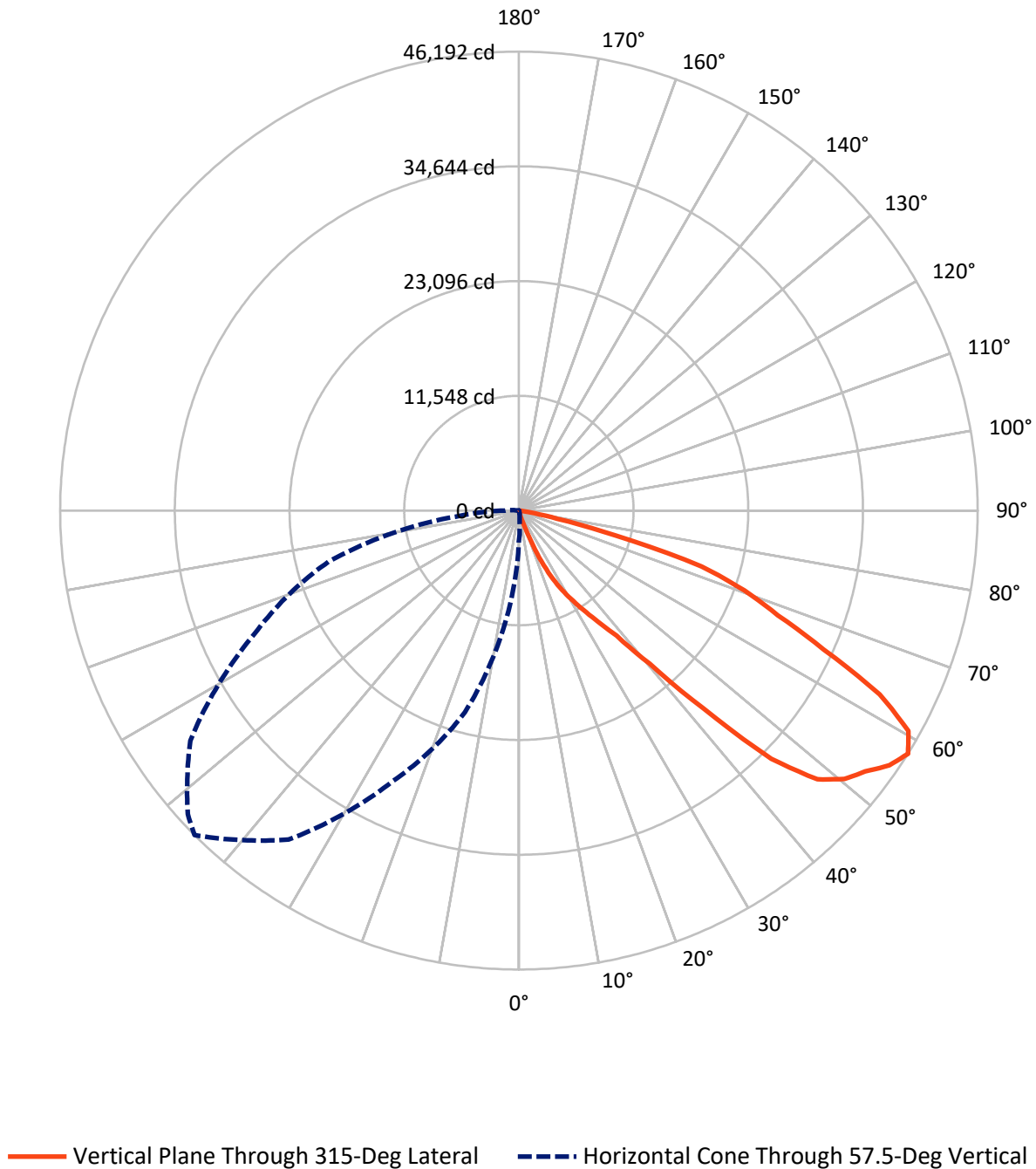
× Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	90.2	0.0	90.2
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	17923.4	0.0	17923.4
	% Fixture	99.5	0.0	99.5
Total	Lumens	18013.6	0.0	18013.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.1	0.0
10°-20°	39.6	0.2
20°-30°	426.9	2.4
30°-40°	1262.4	7.0
40°-50°	3762.3	20.9
50°-60°	5965.7	33.1
60°-70°	4979.9	27.6
70°-80°	1535.6	8.5
80°-90°	34.1	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°	18013.6	100.0
0°-180°	18013.6	100.0

Coefficient of Utilization



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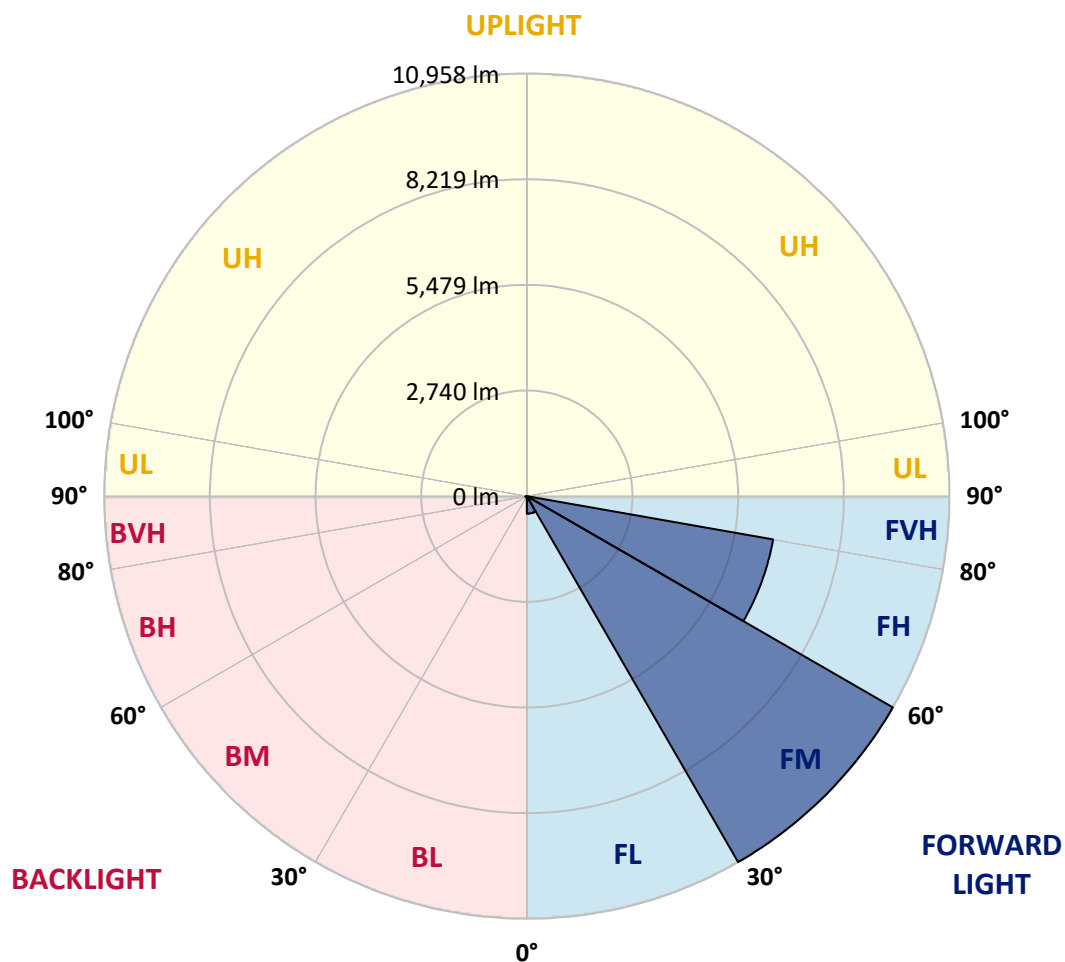
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	457.0	2.5			
FM	(30°-60°)	10958.1	60.8			
FH	(60°-80°)	6481.8	36.0			G3/7500
FVH	(80°-90°)	26.4	0.1			G1/100
BL	(0°-30°)	16.6	0.1	B0/110		
BM	(30°-60°)	32.2	0.2	B0/220		
BH	(60°-80°)	33.6	0.2	B0/110		G0/110
BVH	(80°-90°)	7.7	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-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
2.5°	72.1	72.1	72.1	72.1	70.8	70.8	69.4	69.4	68.1	68.1
5°	76.2	76.2	74.9	73.5	73.5	72.1	70.8	69.4	69.4	68.1
7.5°	83.0	81.7	80.3	79.0	76.2	74.9	72.1	70.8	69.4	66.7
10°	91.2	88.5	85.8	83.0	80.3	77.6	74.9	73.5	70.8	69.4
12.5°	102.1	98.0	92.6	88.5	85.8	81.7	79.0	76.2	72.1	69.4
15°	111.6	106.2	99.4	93.9	89.8	84.4	80.3	76.2	73.5	69.4
17.5°	125.2	115.7	104.8	98.0	92.6	85.8	79.0	74.9	70.8	65.3
20°	148.4	129.3	108.9	100.7	92.6	84.4	76.2	70.8	66.7	61.3
22.5°	185.1	152.5	119.8	107.5	96.7	84.4	73.5	68.1	62.6	57.2
25°	255.9	197.4	138.8	122.5	106.2	89.8	73.5	66.7	61.3	54.5
27.5°	340.3	253.2	164.7	141.6	119.8	96.7	73.5	65.3	58.5	50.4
30°	426.1	310.4	193.3	163.4	133.4	103.5	73.5	64.0	55.8	46.3
32.5°	507.8	363.5	217.8	182.4	147.0	110.3	74.9	64.0	53.1	42.2
35°	590.8	407.0	221.9	185.1	148.4	110.3	73.5	61.3	50.4	38.1
37.5°	697.0	456.0	213.7	177.0	141.6	104.8	69.4	58.5	47.6	35.4
40°	857.6	537.7	217.8	179.7	141.6	103.5	65.3	54.5	44.9	34.0
42.5°	1154.4	695.6	235.5	191.9	148.4	103.5	59.9	50.4	42.2	32.7
45°	1995.6	1155.7	315.8	250.5	185.1	119.8	54.5	46.3	39.5	31.3
47.5°	3301.1	1934.4	567.6	438.3	310.4	181.0	53.1	46.3	39.5	31.3
50°	4213.1	2463.9	714.7	550.0	385.2	220.5	55.8	47.6	40.8	32.7
52.5°	4206.3	2502.0	796.3	611.2	427.4	242.3	58.5	50.4	43.6	35.4
55°	3739.4	2276.0	811.3	623.5	437.0	249.1	62.6	54.5	46.3	38.1
57.5°	3125.5	1933.0	740.5	573.1	407.0	239.6	72.1	62.6	54.5	44.9
60°	2472.1	1524.6	577.2	456.0	336.2	215.1	95.3	83.0	72.1	59.9
62.5°	1707.0	1105.3	503.7	404.3	306.3	206.9	108.9	96.7	85.8	73.5
65°	1207.4	831.7	454.7	370.3	287.2	202.8	118.4	104.8	92.6	79.0
67.5°	902.5	661.6	419.3	347.1	275.0	202.8	130.7	114.3	99.4	83.0
70°	691.5	543.1	393.4	334.9	277.7	219.2	160.6	137.5	115.7	92.6
72.5°	563.6	464.2	363.5	321.3	279.1	236.9	194.7	164.7	134.8	103.5
75°	466.9	397.5	328.1	292.7	258.6	223.2	187.9	160.6	134.8	107.5
77.5°	310.4	283.1	254.6	234.1	213.7	191.9	171.5	148.4	126.6	103.5
80°	108.9	104.8	100.7	108.9	117.1	125.2	133.4	117.1	102.1	85.8
82.5°	16.3	15.0	13.6	15.0	16.3	17.7	19.1	20.4	21.8	23.1
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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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
0.0	2.5°	66.7	66.7	65.3	65.3	65.3	64.0	64.0	62.6	62.6	62.6
0.0	5°	65.3	65.3	64.0	62.6	61.3	61.3	59.9	58.5	58.5	57.2
0.0	7.5°	64.0	62.6	61.3	59.9	58.5	57.2	55.8	54.5	54.5	53.1
0.0	10°	65.3	62.6	61.3	58.5	57.2	55.8	53.1	51.7	50.4	50.4
0.0	12.5°	62.6	61.3	58.5	55.8	54.5	51.7	50.4	47.6	46.3	46.3
0.0	15°	62.6	59.9	55.8	53.1	50.4	49.0	46.3	43.6	42.2	40.8
0.0	17.5°	58.5	55.8	51.7	49.0	46.3	43.6	40.8	38.1	36.8	35.4
0.0	20°	53.1	50.4	46.3	42.2	39.5	36.8	34.0	31.3	29.9	28.6
0.0	22.5°	47.6	44.9	40.8	36.8	34.0	31.3	27.2	24.5	23.1	20.4
0.0	25°	44.9	40.8	36.8	32.7	28.6	25.9	21.8	17.7	15.0	12.3
0.0	27.5°	38.1	34.0	29.9	25.9	21.8	17.7	13.6	9.5	6.8	5.4
0.0	30°	32.7	28.6	24.5	20.4	15.0	10.9	6.8	1.4	1.4	1.4
0.0	32.5°	27.2	23.1	17.7	13.6	10.9	6.8	4.1	0.0	0.0	0.0
0.0	35°	21.8	17.7	12.3	8.2	6.8	4.1	2.7	0.0	0.0	0.0
0.0	37.5°	19.1	15.0	9.5	4.1	2.7	2.7	1.4	0.0	0.0	0.0
0.0	40°	17.7	12.3	6.8	1.4	1.4	1.4	0.0	0.0	0.0	0.0
0.0	42.5°	17.7	12.3	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	17.7	12.3	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	17.7	12.3	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	19.1	13.6	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	21.8	16.3	10.9	5.4	4.1	2.7	1.4	0.0	0.0	0.0
0.0	55°	27.2	24.5	20.4	17.7	13.6	9.5	4.1	0.0	0.0	0.0
0.0	57.5°	35.4	35.4	34.0	32.7	24.5	16.3	8.2	0.0	0.0	0.0
0.0	60°	47.6	47.6	47.6	47.6	35.4	24.5	12.3	0.0	0.0	0.0
0.0	62.5°	58.5	55.8	51.7	49.0	36.8	24.5	12.3	0.0	0.0	0.0
0.0	65°	58.5	53.1	46.3	39.5	29.9	20.4	9.5	0.0	0.0	0.0
0.0	67.5°	54.5	43.6	31.3	20.4	15.0	10.9	5.4	0.0	0.0	0.0
	70°	54.5	38.1	21.8	5.4	4.1	2.7	1.4	0.0	0.0	0.0
	72.5°	54.5	36.8	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	59.9	40.8	20.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	59.9	40.8	20.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	53.1	35.4	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	17.7	12.3	5.4	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°	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
0.0	2.5°	61.3	61.3	61.3	59.9	59.9	59.9	59.9	58.5	58.5	58.5
0.0	5°	55.8	55.8	54.5	54.5	53.1	53.1	51.7	51.7	50.4	50.4
0.0	7.5°	51.7	50.4	50.4	49.0	47.6	47.6	46.3	46.3	44.9	43.6
0.0	10°	47.6	46.3	46.3	44.9	43.6	42.2	42.2	40.8	39.5	38.1
0.0	12.5°	43.6	42.2	40.8	39.5	38.1	36.8	36.8	35.4	34.0	32.7
0.0	15°	38.1	36.8	35.4	34.0	32.7	31.3	31.3	29.9	28.6	27.2
0.0	17.5°	32.7	31.3	31.3	29.9	28.6	27.2	25.9	23.1	21.8	20.4
0.0	20°	24.5	23.1	21.8	20.4	19.1	16.3	15.0	12.3	9.5	8.2
0.0	22.5°	16.3	13.6	12.3	9.5	6.8	5.4	4.1	1.4	0.0	0.0
0.0	25°	5.4	4.1	2.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049345

CATALOG NUMBER: GALN-SA8A-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049345

CATALOG NUMBER: GALN-SA8A-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°	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
0.0	2.5°	57.2	57.2	57.2	55.8	55.8	55.8	55.8	55.8	55.8	55.8
0.0	5°	49.0	49.0	49.0	47.6	47.6	46.3	46.3	46.3	44.9	44.9
0.0	7.5°	42.2	40.8	40.8	39.5	39.5	38.1	38.1	38.1	36.8	36.8
0.0	10°	35.4	34.0	34.0	32.7	32.7	31.3	31.3	29.9	29.9	28.6
0.0	12.5°	31.3	29.9	28.6	27.2	27.2	25.9	24.5	24.5	23.1	21.8
0.0	15°	24.5	23.1	21.8	20.4	19.1	17.7	16.3	16.3	15.0	13.6
0.0	17.5°	16.3	13.6	12.3	10.9	10.9	9.5	8.2	6.8	5.4	4.1
0.0	20°	4.1	2.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049345

CATALOG NUMBER: GALN-SA8A-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°	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
0.0	2.5°	55.8	54.5	54.5	54.5	55.8	55.8	55.8	55.8	55.8	55.8
0.0	5°	44.9	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
0.0	7.5°	36.8	35.4	35.4	35.4	35.4	34.0	34.0	34.0	34.0	34.0
0.0	10°	28.6	27.2	27.2	27.2	27.2	25.9	25.9	25.9	25.9	25.9
0.0	12.5°	20.4	20.4	19.1	19.1	19.1	17.7	17.7	17.7	17.7	16.3
0.0	15°	12.3	10.9	9.5	9.5	9.5	8.2	8.2	8.2	8.2	6.8
0.0	17.5°	2.7	2.7	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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):

[illegible]

REPORT NUMBER: P1049345

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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°	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
0.0	2.5°	57.2	57.2	58.5	58.5	59.9	62.6	64.0	65.3	68.1	70.8
0.0	5°	44.9	46.3	46.3	47.6	49.0	50.4	51.7	53.1	55.8	58.5
0.0	7.5°	35.4	35.4	36.8	36.8	38.1	40.8	42.2	43.6	46.3	50.4
0.0	10°	27.2	27.2	28.6	28.6	29.9	32.7	34.0	35.4	38.1	42.2
0.0	12.5°	17.7	19.1	19.1	20.4	21.8	24.5	25.9	27.2	29.9	32.7
0.0	15°	8.2	9.5	9.5	10.9	12.3	15.0	16.3	17.7	20.4	24.5
0.0	17.5°	1.4	1.4	2.7	2.7	4.1	5.4	6.8	8.2	12.3	15.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	5.4
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
0.0	2.5°	74.9	77.6	80.3	83.0	85.8	88.5	89.8	92.6	93.9	95.3
0.0	5°	64.0	66.7	70.8	73.5	76.2	79.0	81.7	83.0	84.4	85.8
0.0	7.5°	55.8	58.5	62.6	65.3	68.1	70.8	73.5	76.2	77.6	79.0
0.0	10°	47.6	51.7	54.5	58.5	61.3	64.0	66.7	69.4	72.1	73.5
0.0	12.5°	38.1	42.2	46.3	49.0	53.1	57.2	59.9	62.6	65.3	68.1
0.0	15°	29.9	34.0	38.1	40.8	44.9	49.0	53.1	55.8	58.5	61.3
0.0	17.5°	21.8	25.9	29.9	32.7	36.8	40.8	43.6	47.6	50.4	53.1
0.0	20°	10.9	15.0	19.1	23.1	27.2	31.3	34.0	38.1	40.8	43.6
0.0	22.5°	1.4	5.4	9.5	12.3	16.3	20.4	23.1	27.2	29.9	32.7
0.0	25°	0.0	1.4	4.1	5.4	6.8	9.5	12.3	15.0	17.7	20.4
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.4	2.7	5.4	8.2	10.9
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4	2.7
	85°	0.0	0.0	0.0	0.0	0.0	2.7	4.1	6.8	8.2	9.5
	87.5°	0.0	1.4	2.7	4.1	5.4	8.2	10.9	13.6	15.0	16.3
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049345

CATALOG NUMBER: GALN-SA8A-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
79.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.4											
5.4											
12.3											
17.7											
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REPORT NUMBER: P1049345

CATALOG NUMBER: GALN-SA8A-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°	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
0.0	2.5°	96.7	96.7	96.7	96.7	95.3	95.3	95.3	93.9	93.9	92.6
0.0	5°	88.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	88.5	88.5
0.0	7.5°	81.7	83.0	84.4	84.4	85.8	85.8	85.8	84.4	84.4	83.0
0.0	10°	77.6	79.0	79.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3
0.0	12.5°	72.1	73.5	74.9	74.9	76.2	76.2	76.2	76.2	74.9	74.9
0.0	15°	65.3	68.1	69.4	70.8	70.8	72.1	72.1	72.1	72.1	72.1
0.0	17.5°	59.9	62.6	64.0	65.3	65.3	66.7	66.7	68.1	68.1	68.1
0.0	20°	49.0	51.7	53.1	55.8	57.2	58.5	59.9	61.3	61.3	62.6
0.0	22.5°	38.1	40.8	42.2	44.9	46.3	47.6	49.0	50.4	51.7	53.1
0.0	25°	27.2	29.9	31.3	34.0	35.4	36.8	38.1	39.5	39.5	40.8
0.0	27.5°	15.0	17.7	20.4	21.8	24.5	25.9	27.2	28.6	29.9	31.3
0.0	30°	6.8	8.2	9.5	12.3	13.6	15.0	16.3	19.1	20.4	21.8
0.0	32.5°	0.0	0.0	1.4	4.1	5.4	6.8	8.2	9.5	9.5	10.9
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.7	4.1	5.4
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	2.7	2.7	2.7	4.1	4.1	4.1	4.1	4.1	4.1	4.1
	82.5°	6.8	8.2	9.5	9.5	10.9	10.9	10.9	10.9	9.5	9.5
	85°	13.6	15.0	16.3	16.3	17.7	17.7	17.7	17.7	17.7	17.7
	87.5°	19.1	20.4	21.8	21.8	23.1	23.1	23.1	23.1	23.1	23.1
	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: P1049345

CATALOG NUMBER: GALN-SA8A-930-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
79.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	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	172.5°	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	177.5°	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										
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0.0										
4.1										
9.5										
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REPORT NUMBER: P1049345

CATALOG NUMBER: GALN-SA8A-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°	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
0.0	2.5°	91.2	91.2	89.8	89.8	89.8	89.8	89.8	91.2	92.6	92.6
0.0	5°	87.1	87.1	85.8	85.8	85.8	87.1	87.1	88.5	89.8	91.2
0.0	7.5°	83.0	81.7	81.7	83.0	83.0	84.4	84.4	85.8	87.1	88.5
0.0	10°	80.3	79.0	79.0	79.0	80.3	80.3	81.7	83.0	84.4	85.8
0.0	12.5°	74.9	74.9	74.9	74.9	76.2	76.2	77.6	79.0	81.7	83.0
0.0	15°	72.1	70.8	70.8	70.8	70.8	72.1	72.1	74.9	77.6	79.0
0.0	17.5°	66.7	66.7	65.3	65.3	66.7	66.7	68.1	70.8	73.5	74.9
0.0	20°	61.3	59.9	58.5	58.5	59.9	59.9	61.3	64.0	66.7	68.1
0.0	22.5°	53.1	51.7	51.7	51.7	51.7	53.1	53.1	55.8	59.9	62.6
0.0	25°	42.2	43.6	43.6	44.9	44.9	46.3	47.6	50.4	54.5	57.2
0.0	27.5°	32.7	34.0	34.0	36.8	38.1	39.5	40.8	44.9	49.0	51.7
0.0	30°	24.5	25.9	27.2	28.6	31.3	34.0	36.8	40.8	44.9	47.6
0.0	32.5°	15.0	17.7	19.1	21.8	24.5	27.2	29.9	34.0	39.5	43.6
0.0	35°	10.9	12.3	15.0	16.3	19.1	21.8	24.5	29.9	34.0	39.5
0.0	37.5°	5.4	8.2	10.9	13.6	16.3	19.1	21.8	27.2	32.7	36.8
0.0	40°	4.1	6.8	8.2	10.9	15.0	17.7	20.4	25.9	31.3	36.8
0.0	42.5°	2.7	4.1	5.4	9.5	12.3	16.3	20.4	25.9	31.3	36.8
0.0	45°	2.7	2.7	4.1	8.2	12.3	17.7	21.8	27.2	31.3	36.8
0.0	47.5°	2.7	4.1	5.4	10.9	13.6	17.7	21.8	25.9	31.3	35.4
0.0	50°	4.1	5.4	6.8	12.3	15.0	19.1	21.8	27.2	31.3	36.8
0.0	52.5°	2.7	4.1	5.4	10.9	15.0	20.4	24.5	29.9	35.4	39.5
0.0	55°	1.4	1.4	1.4	8.2	16.3	23.1	31.3	35.4	40.8	44.9
0.0	57.5°	0.0	0.0	0.0	5.4	16.3	25.9	35.4	40.8	46.3	50.4
0.0	60°	0.0	0.0	0.0	5.4	16.3	25.9	35.4	42.2	49.0	55.8
0.0	62.5°	0.0	0.0	0.0	5.4	13.6	21.8	29.9	40.8	53.1	64.0
0.0	65°	0.0	0.0	0.0	4.1	10.9	17.7	24.5	40.8	57.2	72.1
0.0	67.5°	0.0	0.0	0.0	4.1	10.9	16.3	23.1	40.8	57.2	74.9
	70°	0.0	0.0	0.0	4.1	10.9	17.7	24.5	40.8	57.2	73.5
	72.5°	0.0	0.0	0.0	4.1	12.3	19.1	27.2	40.8	54.5	68.1
	75°	0.0	0.0	0.0	5.4	12.3	20.4	28.6	40.8	53.1	64.0
	77.5°	0.0	0.0	0.0	4.1	12.3	19.1	27.2	39.5	51.7	62.6
	80°	4.1	2.7	2.7	6.8	12.3	17.7	23.1	35.4	49.0	61.3
	82.5°	8.2	8.2	6.8	9.5	12.3	16.3	20.4	31.3	43.6	54.5
	85°	16.3	16.3	15.0	16.3	16.3	17.7	19.1	24.5	29.9	35.4
	87.5°	21.8	21.8	20.4	20.4	20.4	19.1	19.1	19.1	19.1	17.7
	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: P1049345

CATALOG NUMBER: GALN-SA8A-930-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
79.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.8											
81.7											
76.2											
74.9											
73.5											
65.3											
40.8											
17.7											
0.0											
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REPORT NUMBER: P1049345

CATALOG NUMBER: GALN-SA8A-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°	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
0.0	2.5°	95.3	96.7	96.7	98.0	99.4	100.7	100.7	102.1	102.1	102.1
0.0	5°	93.9	96.7	98.0	99.4	100.7	102.1	103.5	104.8	106.2	106.2
0.0	7.5°	92.6	93.9	96.7	98.0	100.7	102.1	104.8	106.2	107.5	108.9
0.0	10°	89.8	92.6	95.3	98.0	100.7	103.5	106.2	108.9	111.6	113.0
0.0	12.5°	87.1	91.2	93.9	96.7	100.7	104.8	107.5	111.6	114.3	117.1
0.0	15°	85.8	88.5	92.6	95.3	100.7	106.2	110.3	115.7	121.2	125.2
0.0	17.5°	81.7	87.1	91.2	95.3	100.7	107.5	113.0	118.4	126.6	134.8
0.0	20°	76.2	80.3	85.8	89.8	98.0	104.8	113.0	119.8	132.0	144.3
0.0	22.5°	70.8	76.2	80.3	85.8	95.3	103.5	113.0	121.2	141.6	160.6
0.0	25°	65.3	72.1	77.6	83.0	93.9	104.8	115.7	126.6	160.6	194.7
0.0	27.5°	62.6	68.1	74.9	80.3	93.9	108.9	122.5	136.1	190.6	243.7
0.0	30°	58.5	65.3	70.8	77.6	95.3	113.0	130.7	148.4	231.4	314.5
0.0	32.5°	54.5	61.3	68.1	74.9	98.0	121.2	142.9	166.1	275.0	382.5
0.0	35°	50.4	58.5	65.3	72.1	102.1	133.4	163.4	193.3	314.5	434.2
0.0	37.5°	49.0	57.2	64.0	70.8	103.5	134.8	167.4	198.7	318.5	438.3
0.0	40°	50.4	57.2	65.3	72.1	99.4	126.6	152.5	179.7	304.9	428.8
0.0	42.5°	50.4	58.5	66.7	74.9	96.7	118.4	140.2	162.0	300.8	439.7
0.0	45°	49.0	57.2	65.3	73.5	93.9	113.0	133.4	152.5	325.3	496.9
0.0	47.5°	47.6	55.8	64.0	72.1	92.6	113.0	133.4	153.8	420.6	686.1
0.0	50°	47.6	55.8	62.6	69.4	93.9	119.8	144.3	168.8	612.6	1055.0
0.0	52.5°	50.4	57.2	62.6	68.1	96.7	126.6	155.2	183.8	778.6	1372.2
0.0	55°	54.5	58.5	64.0	68.1	103.5	137.5	172.9	206.9	829.0	1451.1
0.0	57.5°	59.9	64.0	68.1	72.1	115.7	159.3	201.5	245.0	833.1	1419.8
0.0	60°	66.7	72.1	76.2	80.3	126.6	174.2	220.5	266.8	754.1	1240.1
0.0	62.5°	81.7	88.5	93.9	100.7	145.7	189.2	234.1	277.7	626.2	974.7
0.0	65°	93.9	99.4	104.8	110.3	153.8	198.7	242.3	285.9	530.9	775.9
0.0	67.5°	96.7	102.1	106.2	111.6	156.5	201.5	245.0	290.0	454.7	618.0
	70°	98.0	104.8	113.0	119.8	166.1	212.4	257.3	303.6	402.9	502.3
	72.5°	93.9	107.5	119.8	132.0	175.6	217.8	261.4	303.6	374.3	445.1
	75°	93.9	113.0	130.7	148.4	181.0	212.4	245.0	276.3	330.8	385.2
	77.5°	99.4	123.9	148.4	172.9	191.9	209.6	228.7	246.4	281.8	317.2
	80°	99.4	125.2	149.7	175.6	183.8	193.3	201.5	209.6	213.7	217.8
	82.5°	85.8	106.2	126.6	147.0	137.5	128.0	118.4	108.9	102.1	93.9
	85°	43.6	47.6	50.4	53.1	49.0	44.9	40.8	36.8	34.0	29.9
	87.5°	17.7	17.7	16.3	16.3	16.3	16.3	15.0	15.0	15.0	15.0
	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: P1049345

CATALOG NUMBER: GALN-SA8A-930-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
79.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
213.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
402.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
545.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
682.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
774.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
844.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
913.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1049.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1321.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3086.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3885.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3973.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3585.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3065.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2395.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1810.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1336.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
946.1											
703.8											
511.8											
385.2											
216.4											
98.0											
28.6											
13.6											
0.0											
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REPORT NUMBER: P1049345

CATALOG NUMBER: GALN-SA8A-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°	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
0.0	2.5°	102.1	100.7	100.7	99.4	98.0	96.7	95.3	93.9	92.6	91.2
0.0	5°	106.2	106.2	106.2	104.8	104.8	103.5	103.5	102.1	100.7	99.4
0.0	7.5°	110.3	111.6	111.6	113.0	113.0	113.0	113.0	111.6	111.6	111.6
0.0	10°	117.1	118.4	119.8	121.2	122.5	123.9	123.9	125.2	125.2	125.2
0.0	12.5°	125.2	129.3	132.0	136.1	138.8	142.9	145.7	149.7	152.5	155.2
0.0	15°	137.5	144.3	152.5	159.3	166.1	175.6	186.5	196.0	205.6	220.5
0.0	17.5°	155.2	177.0	198.7	219.2	240.9	288.6	336.2	382.5	430.2	499.6
0.0	20°	189.2	254.6	318.5	383.9	447.9	615.3	781.4	948.8	1114.9	1293.2
0.0	22.5°	265.4	426.1	586.7	747.3	908.0	1257.8	1606.3	1956.1	2304.6	2714.4
0.0	25°	385.2	680.6	976.0	1270.1	1565.5	2112.7	2661.3	3208.5	3755.7	4288.0
0.0	27.5°	560.8	1012.8	1464.7	1915.3	2367.2	3109.1	3852.4	4594.3	5336.2	5937.9
0.0	30°	777.3	1389.9	2002.4	2615.0	3227.6	4071.6	4915.5	5758.2	6602.1	7259.6
0.0	32.5°	981.5	1731.5	2481.6	3230.3	3980.3	4941.4	5903.8	6864.9	7825.9	8544.7
0.0	35°	1114.9	2021.5	2929.4	3836.1	4742.7	5782.7	6822.7	7861.3	8901.3	9722.2
0.0	37.5°	1248.3	2295.1	3340.6	4387.4	5432.8	6574.9	7717.0	8859.1	10001.2	11015.4
0.0	40°	1398.0	2625.9	3852.4	5080.3	6306.8	7659.9	9011.6	10364.7	11716.4	13147.1
0.0	42.5°	1658.0	3174.5	4692.3	6208.7	7725.2	9515.3	11305.3	13094.0	14884.1	16926.0
0.0	45°	2146.7	4283.9	6422.5	8559.7	10696.8	13068.2	15440.9	17812.2	20183.5	22900.6
0.0	47.5°	3343.3	6283.6	9222.6	12162.9	15101.9	17662.5	20221.6	22782.2	25341.4	28047.6
0.0	50°	5115.6	8537.9	11960.1	15381.0	18803.2	21120.1	23435.6	25752.5	28068.0	30642.1
0.0	52.5°	6398.0	9963.1	13529.6	17094.8	20660.0	22750.9	24843.1	26934.0	29025.0	31430.3
0.0	55°	6494.6	10039.4	13585.5	17130.2	20674.9	22775.4	24875.8	26976.2	29076.7	31626.3
0.0	57.5°	5750.0	9266.2	12780.9	16297.1	19811.9	22203.6	24594.0	26985.8	29376.2	32132.7
0.0	60°	4891.0	8408.6	11924.7	15442.2	18958.4	21713.6	24470.2	27225.4	29980.6	32562.9
0.0	62.5°	3815.6	7433.9	11053.5	14671.7	18290.0	21087.4	23884.8	26680.9	29478.3	31415.3
0.0	65°	2843.7	6357.1	9870.6	13382.6	16896.1	19136.7	21377.4	23616.6	25857.3	27056.6
0.0	67.5°	2055.5	5085.7	8114.5	11144.7	14173.5	15777.1	17380.7	18982.9	20586.5	21504.0
	70°	1389.9	3488.9	5586.6	7685.7	9783.4	11101.1	12420.2	13737.9	15055.6	16294.4
	72.5°	962.4	2141.3	3321.5	4500.4	5679.2	7005.1	8329.6	9655.5	10980.0	12290.9
	75°	638.4	1174.8	1712.5	2248.8	2785.2	3766.6	4749.5	5730.9	6712.4	7493.8
	77.5°	453.3	613.9	775.9	936.6	1097.2	1281.0	1466.1	1649.9	1833.6	2112.7
	80°	215.1	235.5	255.9	275.0	295.4	362.1	428.8	495.5	562.2	633.0
	82.5°	102.1	110.3	118.4	125.2	133.4	140.2	147.0	153.8	160.6	153.8
	85°	27.2	27.2	28.6	28.6	28.6	28.6	28.6	28.6	28.6	27.2
	87.5°	12.3	12.3	12.3	12.3	12.3	12.3	12.3	10.9	10.9	9.5
	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):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
79.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
236.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
567.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1472.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3124.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4820.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6539.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7918.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9264.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10543.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12030.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14577.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18967.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25617.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30753.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33216.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33835.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34177.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34889.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35143.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33353.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28257.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22422.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17531.8											
13601.8											
8275.1											
2391.7											
703.8											
145.7											
25.9											
9.5											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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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°	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
0.0	2.5°	88.5	87.1	85.8	84.4	83.0	80.3	80.3	79.0	79.0
0.0	5°	96.7	95.3	93.9	92.6	92.6	91.2	89.8	89.8	88.5
0.0	7.5°	110.3	108.9	107.5	106.2	106.2	104.8	104.8	103.5	103.5
0.0	10°	126.6	126.6	126.6	126.6	126.6	125.2	125.2	125.2	123.9
0.0	12.5°	159.3	160.6	163.4	166.1	170.2	170.2	170.2	168.8	168.8
0.0	15°	251.8	266.8	277.7	288.6	298.1	319.9	317.2	313.1	310.4
0.0	17.5°	637.1	705.1	741.9	777.3	814.0	914.8	898.4	882.1	867.1
0.0	20°	1651.2	1829.5	1948.0	2066.4	2186.2	2375.4	2329.1	2282.8	2236.6
0.0	22.5°	3532.5	3942.2	4120.6	4298.9	4475.8	4704.5	4556.2	4407.8	4260.8
0.0	25°	5351.1	5883.4	6184.2	6485.1	6784.6	6915.2	6721.9	6527.3	6334.0
0.0	27.5°	7141.2	7742.9	8008.3	8272.4	8537.9	8811.5	8571.9	8331.0	8091.4
0.0	30°	8576.0	9233.5	9520.7	9806.6	10093.8	10284.4	10036.6	9787.5	9539.8
0.0	32.5°	9983.5	10702.3	11016.7	11331.2	11644.3	11917.9	11613.0	11306.7	11001.8
0.0	35°	11362.5	12183.3	12616.2	13049.1	13482.0	13736.6	13374.5	13011.0	12648.9
0.0	37.5°	13045.0	14059.2	14543.8	15028.4	15513.0	15977.2	15578.4	15178.1	14779.3
0.0	40°	16008.5	17439.2	18182.5	18927.1	19670.3	20269.3	19765.6	19261.9	18758.3
0.0	42.5°	21009.8	23051.7	24120.3	25187.5	26256.1	27191.3	26661.8	26132.3	25602.7
0.0	45°	28334.8	31051.9	32354.6	33656.0	34958.7	35642.1	34879.8	34116.1	33353.8
0.0	47.5°	33458.6	36164.8	37324.6	38484.4	39644.2	40424.2	39491.7	38559.3	37628.2
0.0	50°	35789.1	38363.3	39527.1	40689.7	41853.5	42472.9	41396.2	40318.0	39241.3
0.0	52.5°	36239.7	38645.0	40033.5	41423.4	42811.9	43639.5	42368.1	41095.3	39823.9
0.0	55°	36727.0	39276.7	40887.0	42498.8	44109.2	45255.4	43817.9	42379.0	40941.5
0.0	57.5°	37644.5	40401.1	42007.4	43612.3	45218.6	46191.9	44750.3	43307.4	41865.8
0.0	60°	37726.2	40307.1	41687.5	43069.2	44449.5	45062.1	43683.1	42302.8	40923.8
0.0	62.5°	35290.9	37228.0	38186.3	39144.6	40103.0	40768.6	39329.8	37889.5	36450.7
0.0	65°	29456.5	30655.8	31419.4	32183.1	32946.8	33740.4	32422.7	31105.0	29787.3
0.0	67.5°	23340.3	24257.8	25263.8	26269.8	27275.7	28123.8	27068.8	26012.5	24957.5
	70°	18770.5	20007.9	21139.1	22270.3	23401.6	24095.8	23036.7	21976.3	20917.2
	72.5°	14912.7	16223.6	17168.3	18111.7	19056.4	19226.5	18447.9	17669.3	16892.0
	75°	9055.2	9836.5	9855.6	9873.3	9892.3	10054.3	9409.1	8763.8	8120.0
	77.5°	2670.8	2949.9	3179.9	3408.6	3638.7	3916.4	3679.5	3441.3	3204.4
	80°	773.2	844.0	903.9	962.4	1022.3	986.9	931.1	875.3	819.5
	82.5°	138.8	130.7	129.3	128.0	128.0	121.2	110.3	99.4	88.5
	85°	24.5	23.1	21.8	20.4	19.1	17.7	15.0	13.6	10.9
	87.5°	8.2	6.8	5.4	4.1	4.1	1.4	1.4	1.4	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049345

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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°	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
0.0	0.0	2.5°	77.6	76.2	76.2	76.2	76.2	74.9	74.9	74.9	74.9
0.0	0.0	5°	85.8	85.8	84.4	84.4	83.0	83.0	81.7	81.7	80.3
0.0	0.0	7.5°	100.7	99.4	98.0	96.7	95.3	92.6	91.2	89.8	89.8
0.0	0.0	10°	121.2	118.4	117.1	114.3	113.0	110.3	107.5	104.8	102.1
0.0	0.0	12.5°	159.3	153.8	149.7	144.3	138.8	134.8	129.3	125.2	119.8
0.0	0.0	15°	276.3	262.7	247.8	230.1	211.0	193.3	174.2	163.4	151.1
0.0	0.0	17.5°	706.5	635.7	563.6	505.0	446.5	389.3	330.8	288.6	246.4
0.0	0.0	20°	1798.2	1602.2	1406.2	1212.9	1018.2	824.9	630.3	532.3	434.2
0.0	0.0	22.5°	3384.1	3020.7	2655.8	2303.3	1949.3	1596.8	1244.2	1022.3	801.8
0.0	0.0	25°	5223.2	4765.8	4308.4	3728.5	3147.3	2567.4	1987.5	1626.7	1266.0
0.0	0.0	27.5°	6796.8	6270.0	5743.2	5038.1	4332.9	3627.8	2922.6	2384.9	1848.6
0.0	0.0	30°	8159.4	7593.2	7026.9	6206.0	5385.2	4564.3	3743.5	3071.0	2398.6
0.0	0.0	32.5°	9341.0	8663.1	7985.2	7138.5	6291.8	5445.1	4598.4	3773.4	2948.5
0.0	0.0	35°	10703.7	9912.8	9120.5	8181.2	7240.6	6301.3	5362.0	4430.9	3498.5
0.0	0.0	37.5°	12435.2	11464.6	10492.7	9445.8	8399.0	7353.6	6306.8	5242.2	4177.7
0.0	0.0	40°	15749.9	14497.5	13245.1	11915.2	10583.9	9253.9	7923.9	6617.1	5310.3
0.0	0.0	42.5°	21689.1	19997.0	18305.0	16535.3	14764.3	12994.7	11223.7	9380.5	7536.0
0.0	0.0	45°	28392.0	26292.9	24192.5	22206.4	20218.9	18232.8	16246.7	13717.5	11188.3
0.0	0.0	47.5°	32161.3	29894.8	27628.3	25748.4	23868.5	21988.6	20108.7	17382.0	14655.4
0.0	0.0	50°	33548.5	31241.1	28933.8	27203.6	25472.0	23741.9	22010.3	19279.6	16547.6
0.0	0.0	52.5°	33843.8	31490.2	29136.6	27395.5	25654.5	23914.8	22173.7	19460.7	16747.7
0.0	0.0	55°	34451.0	31925.8	29399.3	27414.6	25429.8	23445.1	21460.4	18703.8	15947.3
0.0	0.0	57.5°	35244.6	32655.5	30066.3	27805.3	25544.2	23284.5	21023.4	18009.6	14995.7
0.0	0.0	60°	35036.3	32783.4	30529.2	28107.5	25684.4	23262.7	20839.7	17525.0	14208.9
0.0	0.0	62.5°	31420.8	29626.6	27831.1	25839.6	23846.7	21855.2	19863.6	16450.9	13038.2
0.0	0.0	65°	25849.1	24539.6	23230.0	21627.8	20024.3	18422.0	16819.8	13759.7	10700.9
0.0	0.0	67.5°	20949.9	19474.3	17997.3	16720.5	15442.2	14165.4	12887.1	10479.0	8071.0
		70°	16644.2	15039.3	13433.0	12186.1	10937.8	9690.9	8443.9	6843.1	5243.6
		72.5°	13217.9	11770.9	10323.9	8993.9	7662.6	6332.6	5001.3	4055.2	3109.1
		75°	6317.6	5739.1	5160.6	4465.0	3769.4	3073.7	2378.1	1965.7	1554.6
		77.5°	2341.4	2029.7	1716.6	1433.4	1150.3	868.5	585.3	536.3	487.3
		80°	605.8	528.2	449.2	393.4	336.2	280.4	224.6	202.8	182.4
		82.5°	69.4	64.0	59.9	57.2	53.1	50.4	46.3	42.2	38.1
		85°	4.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049345

CATALOG NUMBER: GALN-SA8A-930-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	79.0	79.0
0.0	0.0	2.5°	73.5	72.1
0.0	0.0	5°	77.6	76.2
0.0	0.0	7.5°	85.8	83.0
0.0	0.0	10°	93.9	91.2
0.0	0.0	12.5°	106.2	102.1
0.0	0.0	15°	119.8	111.6
0.0	0.0	17.5°	142.9	125.2
0.0	0.0	20°	193.3	148.4
0.0	0.0	22.5°	272.3	185.1
0.0	0.0	25°	400.2	255.9
0.0	0.0	27.5°	556.8	340.3
0.0	0.0	30°	740.5	426.1
0.0	0.0	32.5°	902.5	507.8
0.0	0.0	35°	1113.5	590.8
0.0	0.0	37.5°	1373.5	697.0
0.0	0.0	40°	1776.5	857.6
0.0	0.0	42.5°	2502.0	1154.4
0.0	0.0	45°	4063.4	1995.6
0.0	0.0	47.5°	6252.3	3301.1
0.0	0.0	50°	7649.0	4213.1
0.0	0.0	52.5°	7763.3	4206.3
0.0	0.0	55°	7086.8	3739.4
0.0	0.0	57.5°	6046.8	3125.5
0.0	0.0	60°	5025.8	2472.1
0.0	0.0	62.5°	3959.9	1707.0
0.0	0.0	65°	2894.1	1207.4
0.0	0.0	67.5°	2078.7	902.5
		70°	1366.7	691.5
		72.5°	890.3	563.6
		75°	599.0	466.9
		77.5°	349.8	310.4
		80°	123.9	108.9
		82.5°	23.1	16.3
		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: P1049345

CATALOG NUMBER: GALN-SA8A-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

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

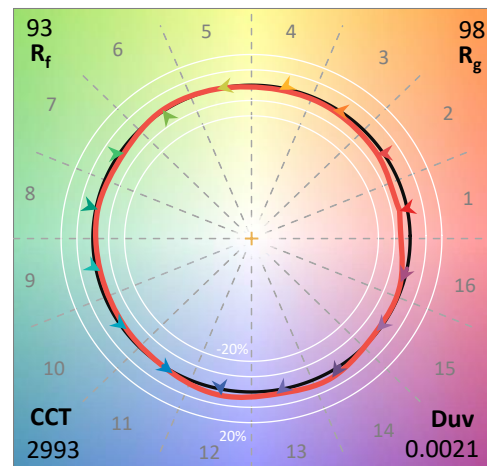
Test Information

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

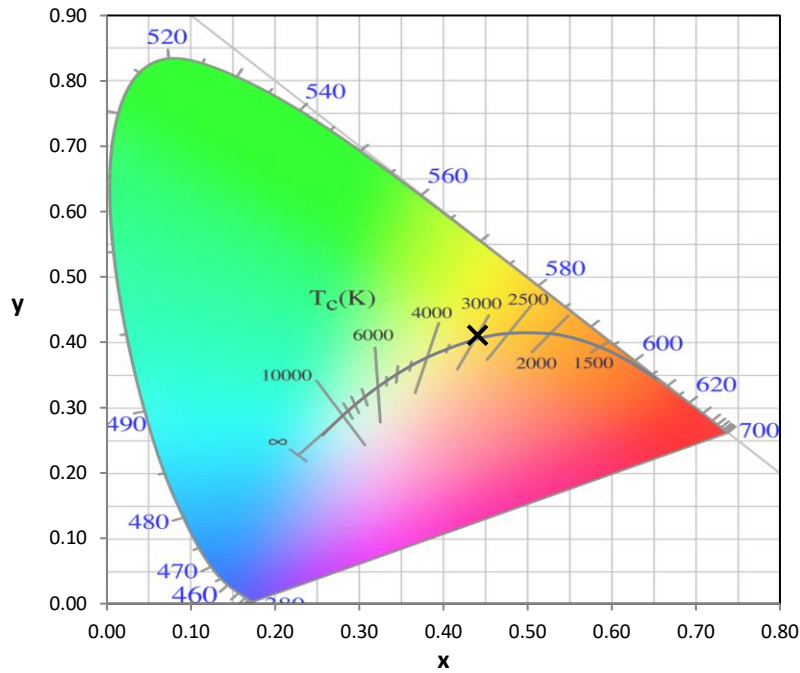
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-14

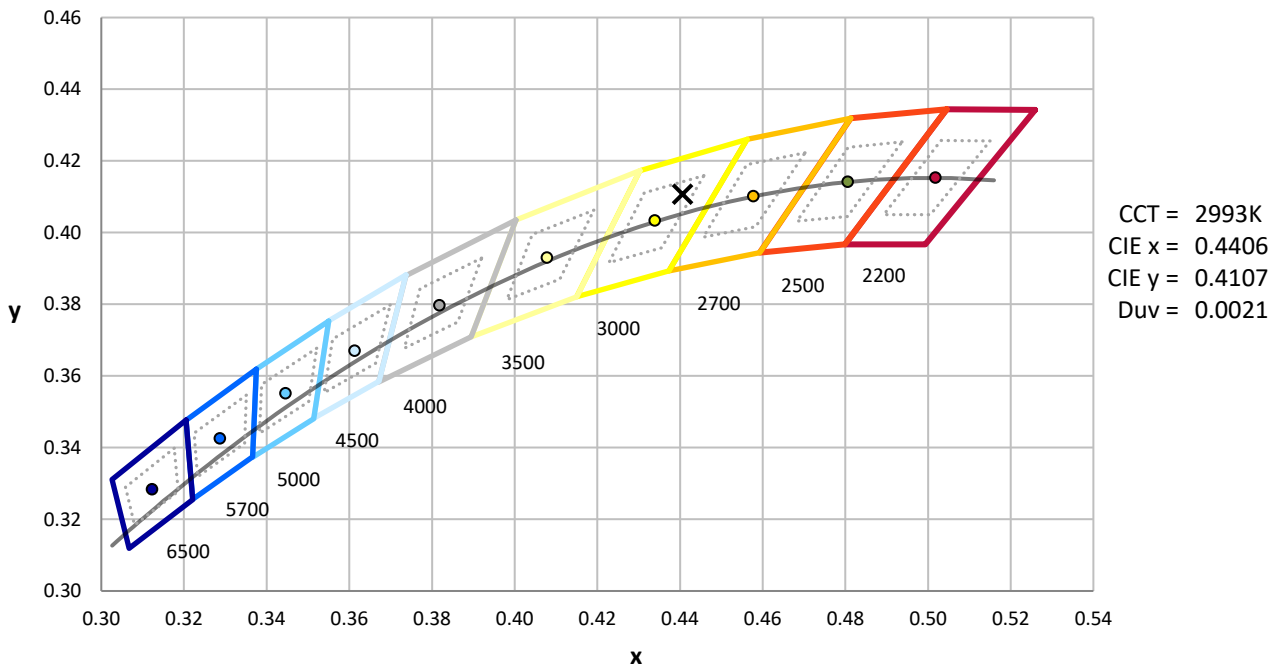
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-14

CIE 1931 Chromaticity Diagram



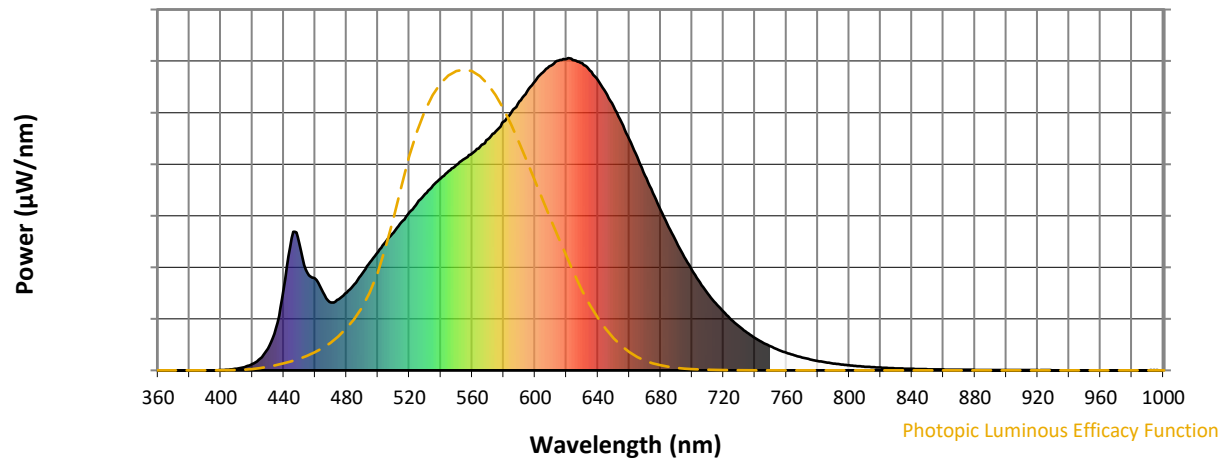
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

Photopic Flux vs. Wavelength

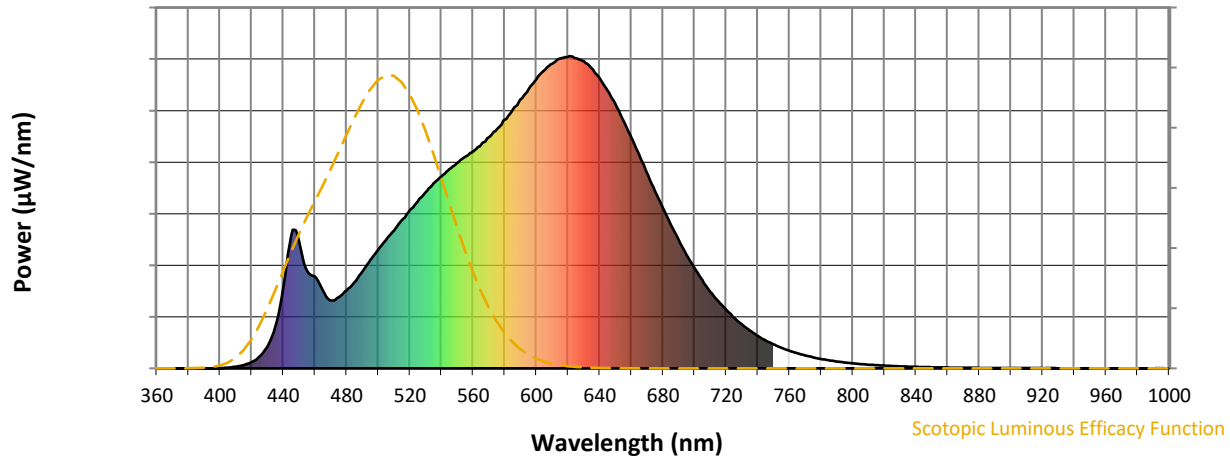


Photopic Lumens: NR

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



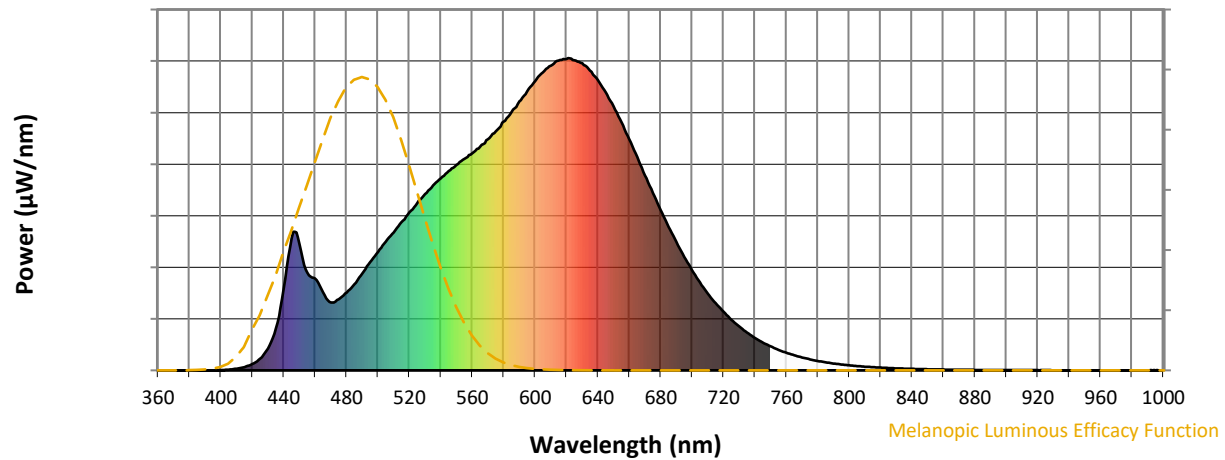
Scotopic Lumens: NR

S/P: 1.39

λ (nm)	Power 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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.69

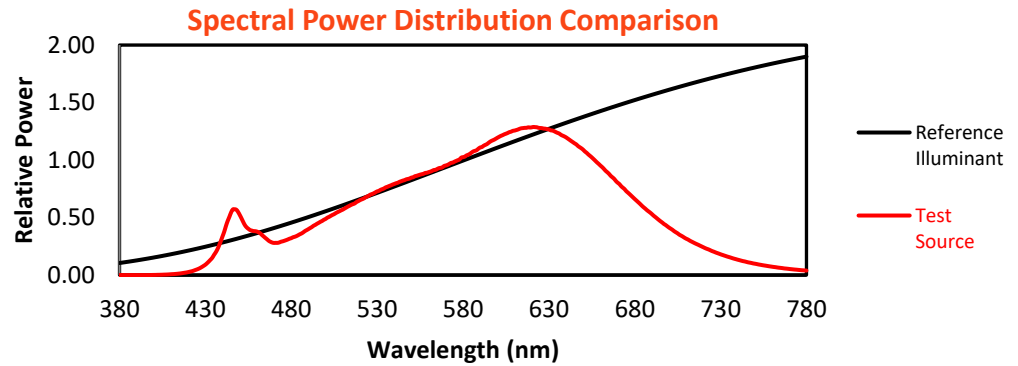
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310	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

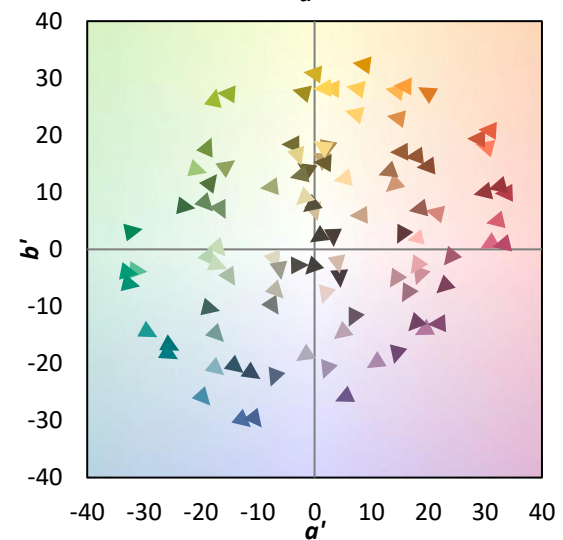
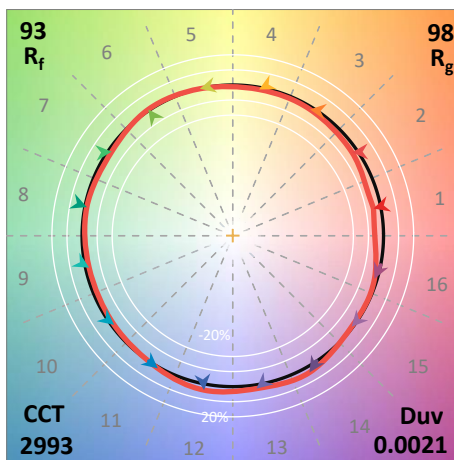
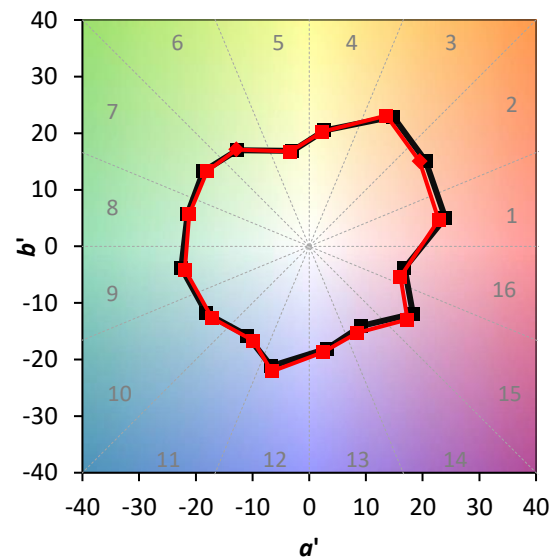
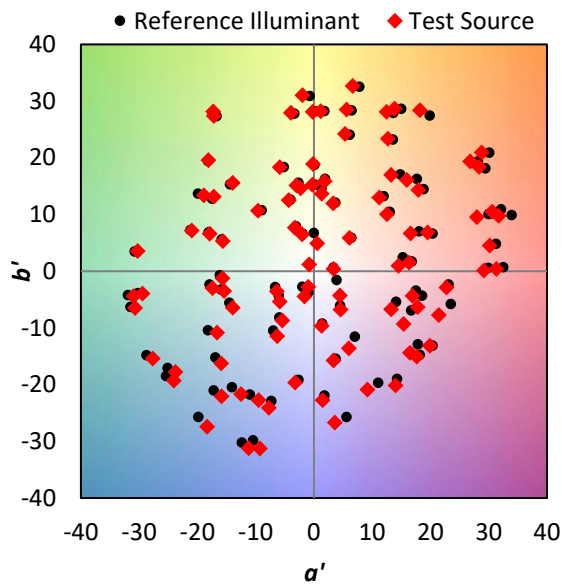
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98.5$
 $CIE R_a = 92.4$
 $R_9 = 58.2$

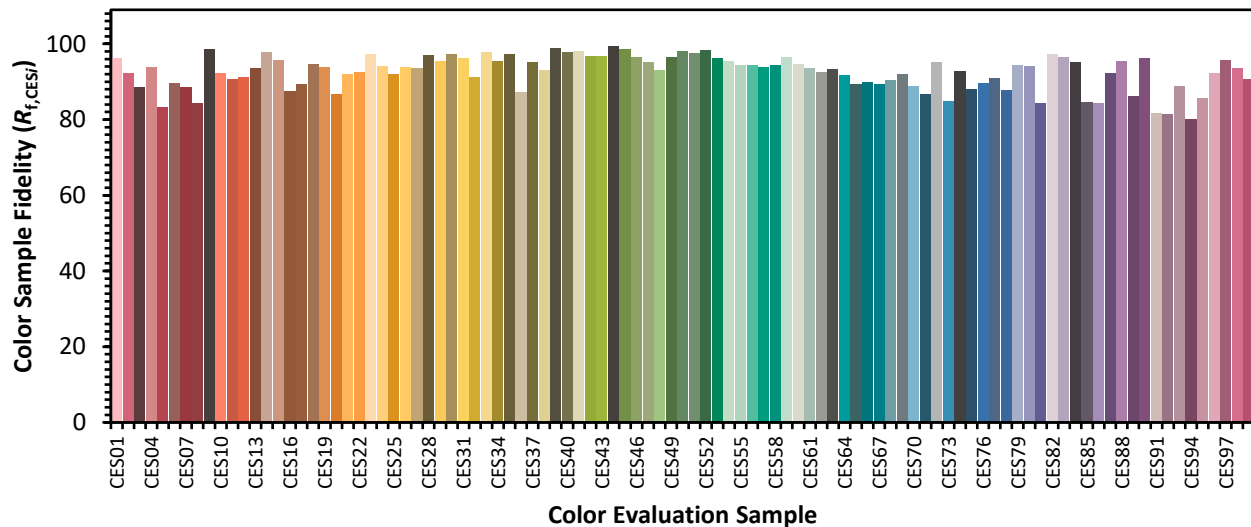


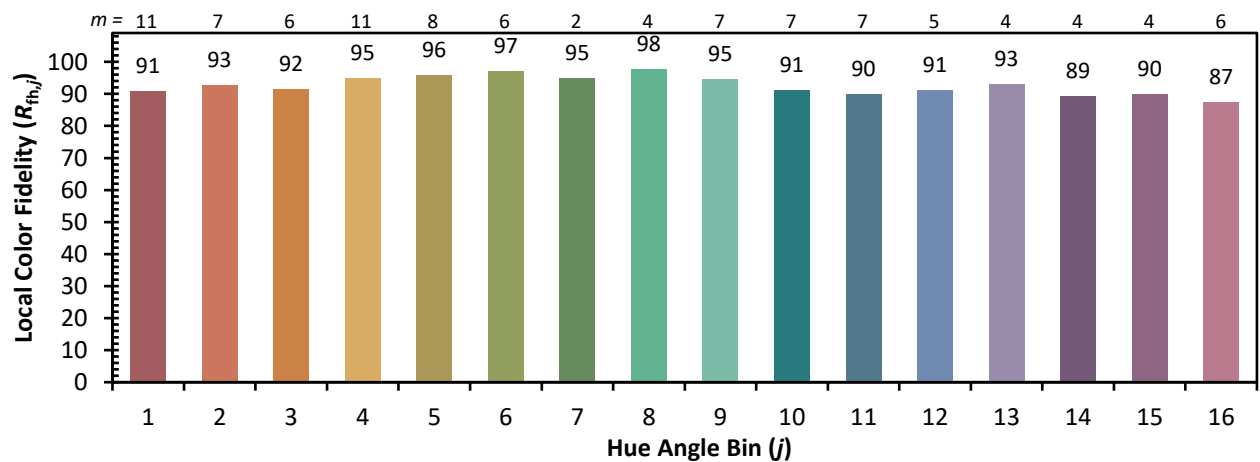
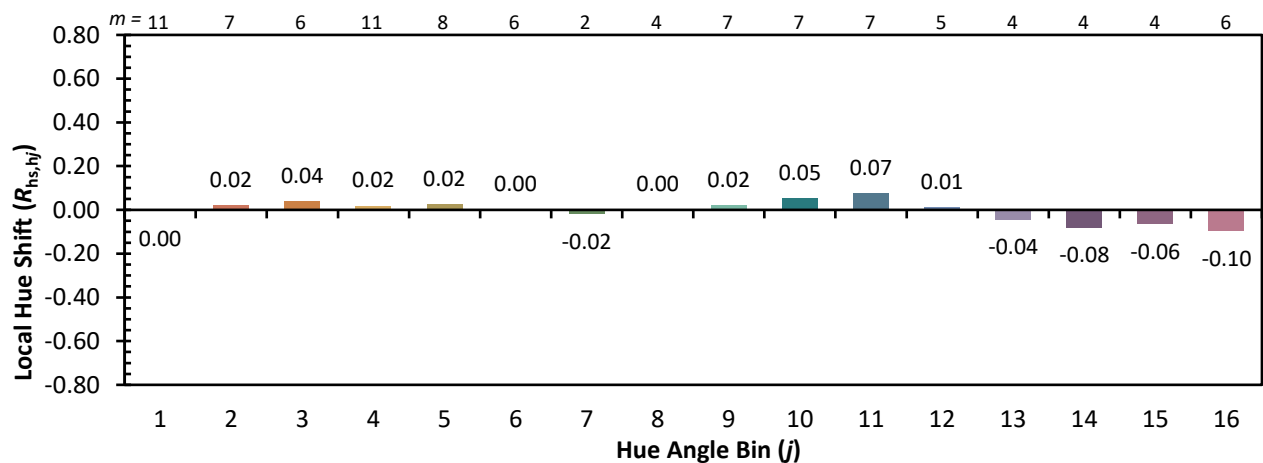
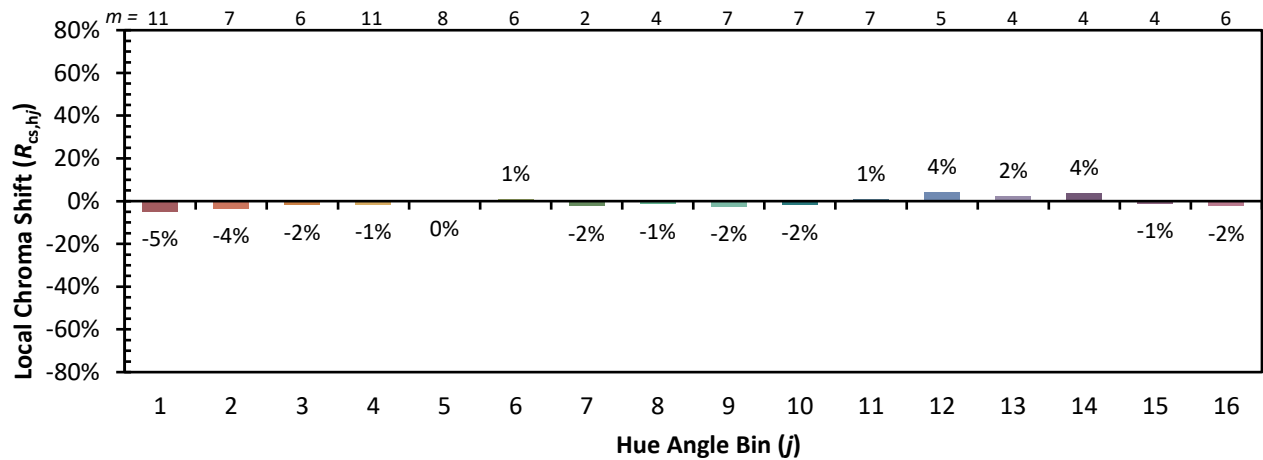
Color Vector Graphics



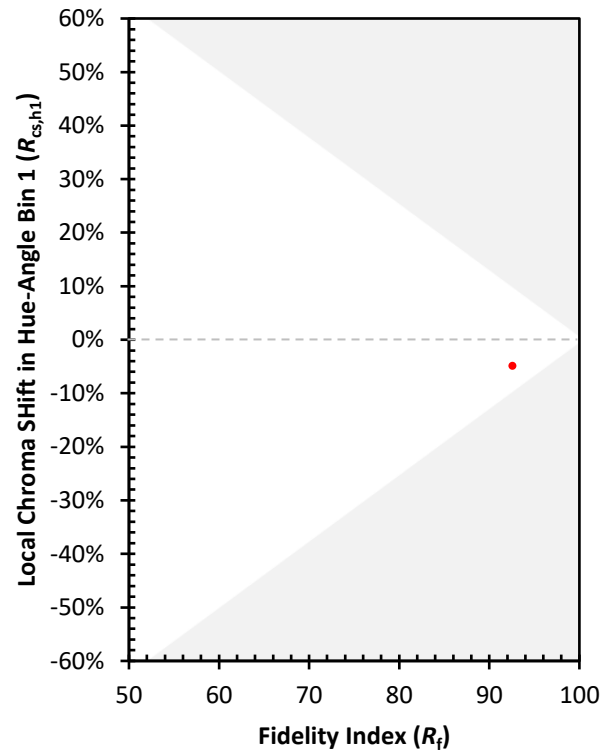
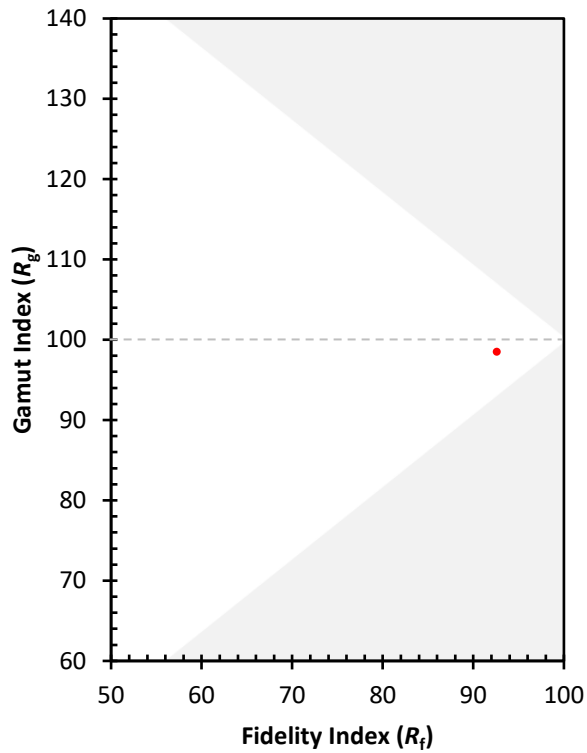
Individual Sample Fidelity Index ($R_{f,i}$)

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)