

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: P1049409

Luminaire Tested: **GALN-SA6A-940-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049409
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6A-940-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 6xLight Square PACKAGE
90CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (84) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14219.7 lumens
Efficiency: N/A
Efficacy: 87.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 162.9
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

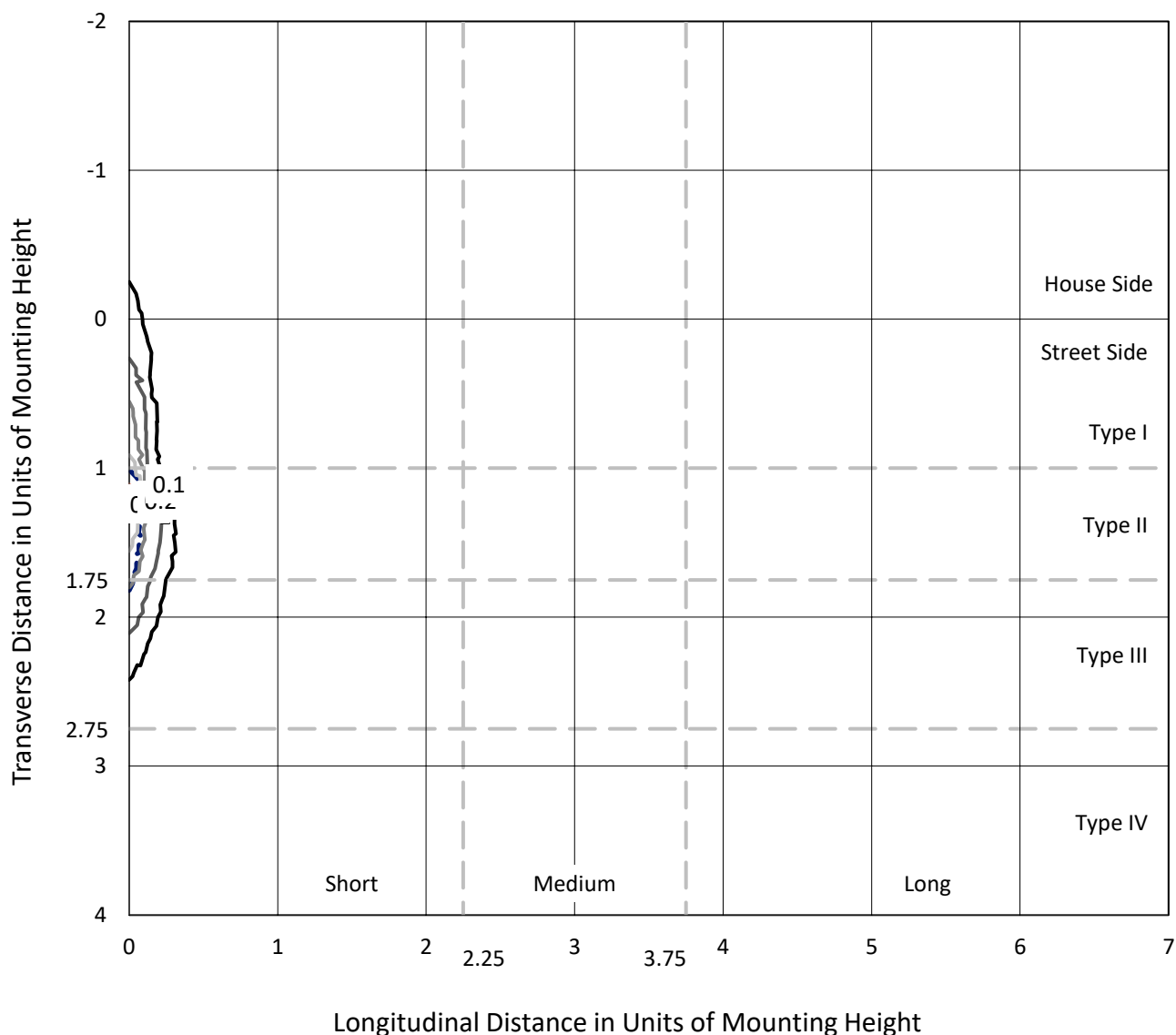
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

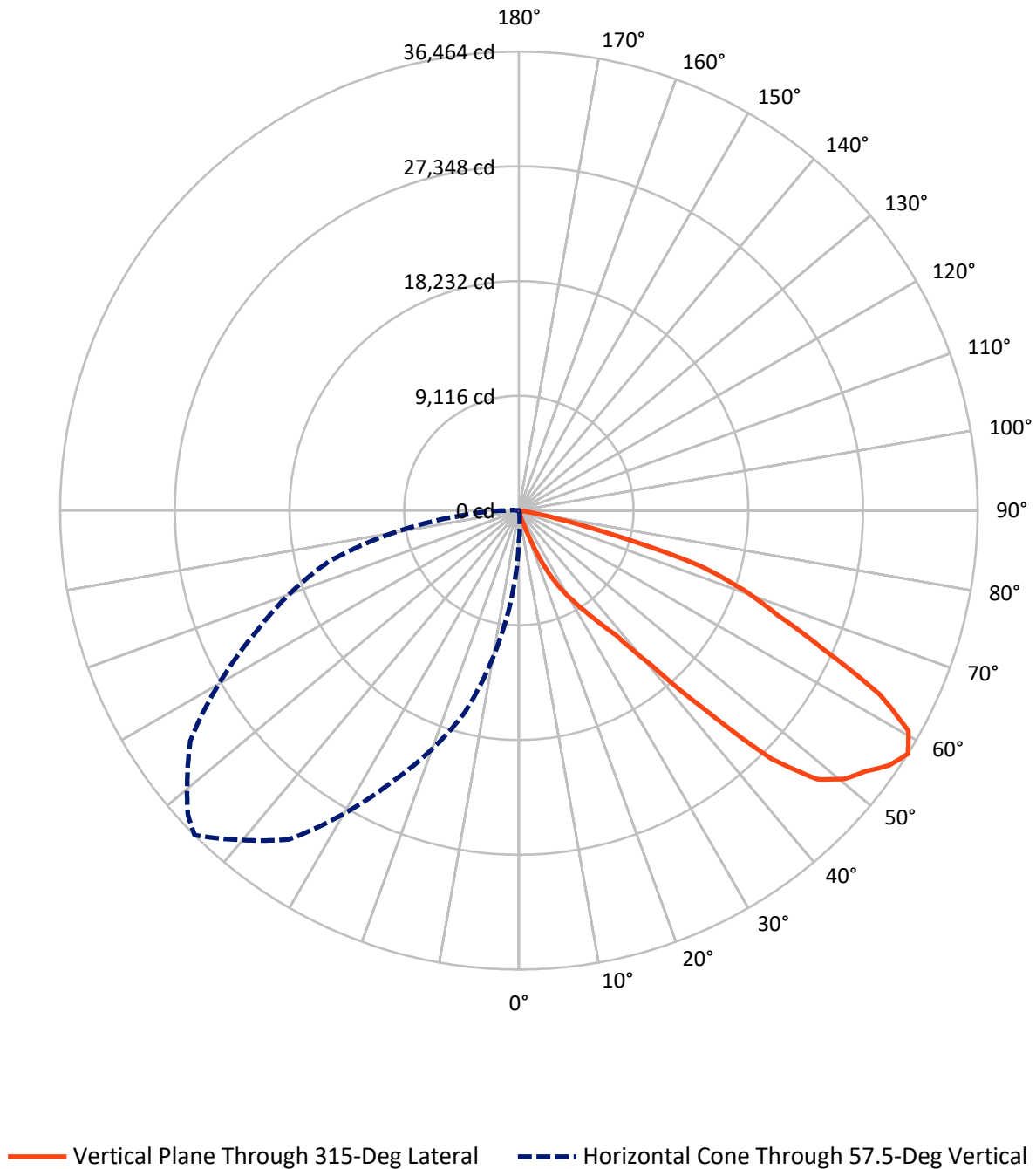


Based on 20 foot mounting height. Maximum calculated value = 2.1 fc

Type III - Short - N/A

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Luminous Intensity Polar Plot



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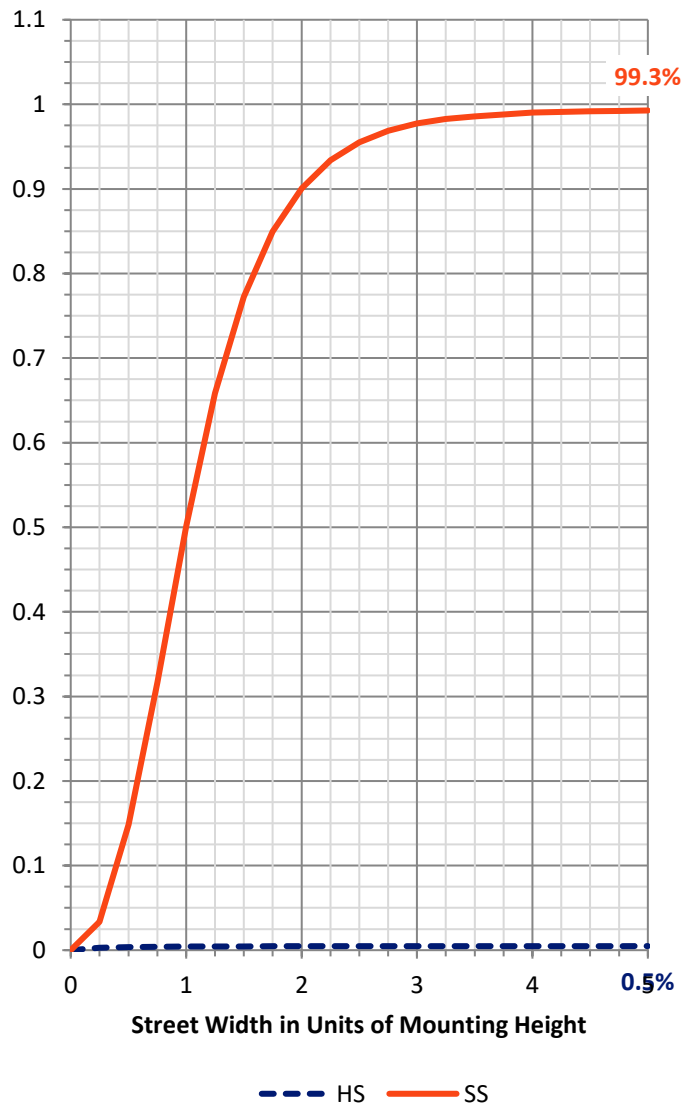
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	71.2	0.0	71.2
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	14148.5	0.0	14148.5
	% Fixture	99.5	0.0	99.5
Total	Lumens	14219.7	0.0	14219.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.6	0.0
10°-20°	31.2	0.2
20°-30°	337.0	2.4
30°-40°	996.5	7.0
40°-50°	2969.9	20.9
50°-60°	4709.2	33.1
60°-70°	3931.1	27.6
70°-80°	1212.2	8.5
80°-90°	27.0	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°	14219.7	100.0
0°-180°	14219.7	100.0



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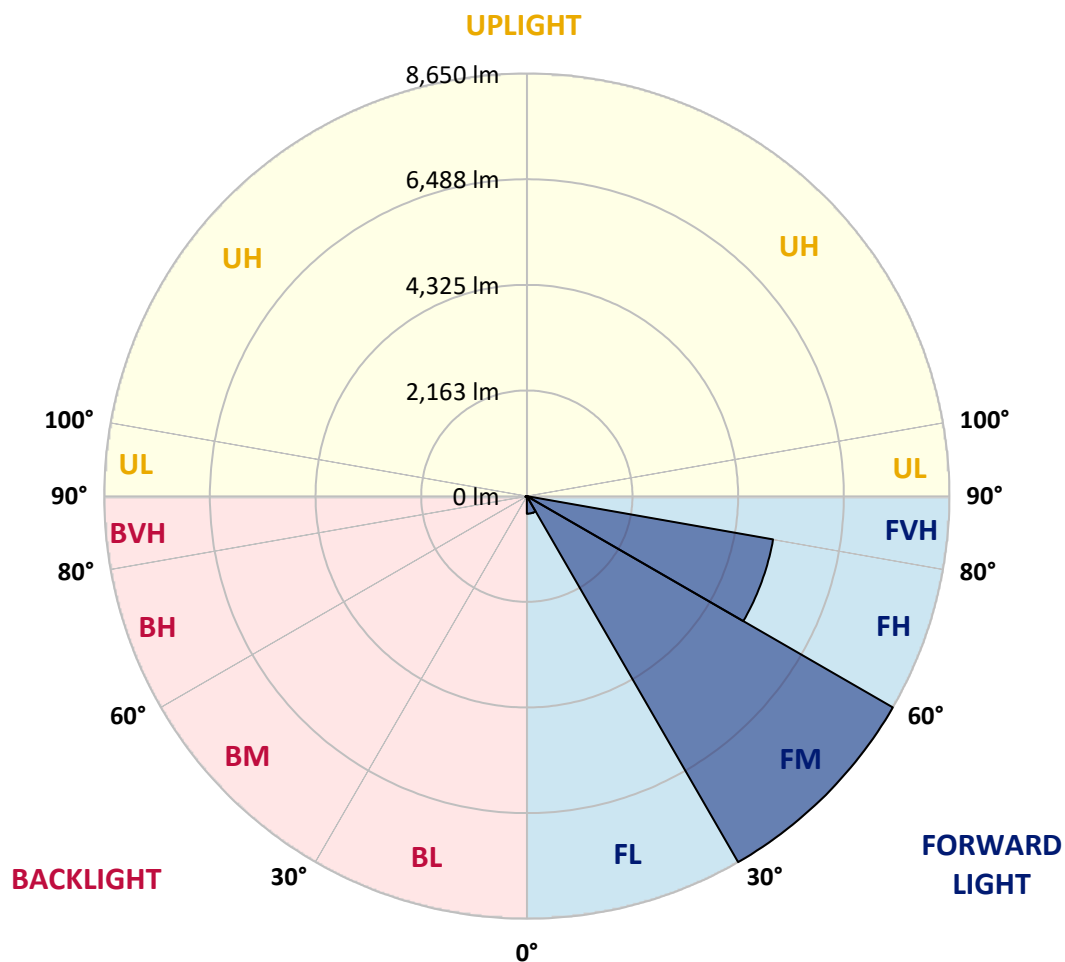
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	360.7	2.5			
FM	(30°-60°)	8650.3	60.8			
FH	(60°-80°)	5116.7	36.0			G3/7500
FVH	(80°-90°)	20.8	0.1			G1/100
BL	(0°-30°)	13.1	0.1	B0/110		
BM	(30°-60°)	25.5	0.2	B0/220		
BH	(60°-80°)	26.6	0.2	B0/110		G0/110
BVH	(80°-90°)	6.1	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°	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
2.5°	57.0	57.0	57.0	57.0	55.9	55.9	54.8	54.8	53.7	53.7
5°	60.2	60.2	59.1	58.0	58.0	57.0	55.9	54.8	54.8	53.7
7.5°	65.5	64.5	63.4	62.3	60.2	59.1	57.0	55.9	54.8	52.7
10°	72.0	69.8	67.7	65.5	63.4	61.3	59.1	58.0	55.9	54.8
12.5°	80.6	77.4	73.1	69.8	67.7	64.5	62.3	60.2	57.0	54.8
15°	88.1	83.8	78.4	74.1	70.9	66.6	63.4	60.2	58.0	54.8
17.5°	98.9	91.3	82.7	77.4	73.1	67.7	62.3	59.1	55.9	51.6
20°	117.1	102.1	86.0	79.5	73.1	66.6	60.2	55.9	52.7	48.4
22.5°	146.1	120.4	94.6	84.9	76.3	66.6	58.0	53.7	49.4	45.1
25°	202.0	155.8	109.6	96.7	83.8	70.9	58.0	52.7	48.4	43.0
27.5°	268.6	199.9	130.0	111.8	94.6	76.3	58.0	51.6	46.2	39.8
30°	336.3	245.0	152.6	128.9	105.3	81.7	58.0	50.5	44.1	36.5
32.5°	400.8	286.9	171.9	144.0	116.1	87.0	59.1	50.5	41.9	33.3
35°	466.4	321.3	175.2	146.1	117.1	87.0	58.0	48.4	39.8	30.1
37.5°	550.2	360.0	168.7	139.7	111.8	82.7	54.8	46.2	37.6	27.9
40°	677.0	424.5	171.9	141.8	111.8	81.7	51.6	43.0	35.5	26.9
42.5°	911.2	549.1	185.9	151.5	117.1	81.7	47.3	39.8	33.3	25.8
45°	1575.3	912.3	249.3	197.7	146.1	94.6	43.0	36.5	31.2	24.7
47.5°	2605.8	1527.0	448.1	346.0	245.0	142.9	41.9	36.5	31.2	24.7
50°	3325.8	1945.0	564.2	434.1	304.1	174.1	44.1	37.6	32.2	25.8
52.5°	3320.4	1975.1	628.6	482.5	337.4	191.3	46.2	39.8	34.4	27.9
55°	2951.9	1796.7	640.4	492.2	344.9	196.6	49.4	43.0	36.5	30.1
57.5°	2467.2	1525.9	584.6	452.4	321.3	189.1	57.0	49.4	43.0	35.5
60°	1951.4	1203.5	455.6	360.0	265.4	169.8	75.2	65.5	57.0	47.3
62.5°	1347.5	872.6	397.6	319.1	241.8	163.3	86.0	76.3	67.7	58.0
65°	953.1	656.6	358.9	292.3	226.7	160.1	93.5	82.7	73.1	62.3
67.5°	712.4	522.2	331.0	274.0	217.1	160.1	103.2	90.3	78.4	65.5
70°	545.9	428.8	310.6	264.3	219.2	173.0	126.8	108.5	91.3	73.1
72.5°	444.9	366.4	286.9	253.6	220.3	187.0	153.7	130.0	106.4	81.7
75°	368.6	313.8	259.0	231.0	204.2	176.2	148.3	126.8	106.4	84.9
77.5°	245.0	223.5	200.9	184.8	168.7	151.5	135.4	117.1	99.9	81.7
80°	86.0	82.7	79.5	86.0	92.4	98.9	105.3	92.4	80.6	67.7
82.5°	12.9	11.8	10.7	11.8	12.9	14.0	15.0	16.1	17.2	18.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
0.0	2.5°	52.7	52.7	51.6	51.6	51.6	50.5	50.5	49.4	49.4	49.4
0.0	5°	51.6	51.6	50.5	49.4	48.4	48.4	47.3	46.2	46.2	45.1
0.0	7.5°	50.5	49.4	48.4	47.3	46.2	45.1	44.1	43.0	43.0	41.9
0.0	10°	51.6	49.4	48.4	46.2	45.1	44.1	41.9	40.8	39.8	39.8
0.0	12.5°	49.4	48.4	46.2	44.1	43.0	40.8	39.8	37.6	36.5	36.5
0.0	15°	49.4	47.3	44.1	41.9	39.8	38.7	36.5	34.4	33.3	32.2
0.0	17.5°	46.2	44.1	40.8	38.7	36.5	34.4	32.2	30.1	29.0	27.9
0.0	20°	41.9	39.8	36.5	33.3	31.2	29.0	26.9	24.7	23.6	22.6
0.0	22.5°	37.6	35.5	32.2	29.0	26.9	24.7	21.5	19.3	18.3	16.1
0.0	25°	35.5	32.2	29.0	25.8	22.6	20.4	17.2	14.0	11.8	9.7
0.0	27.5°	30.1	26.9	23.6	20.4	17.2	14.0	10.7	7.5	5.4	4.3
0.0	30°	25.8	22.6	19.3	16.1	11.8	8.6	5.4	1.1	1.1	1.1
0.0	32.5°	21.5	18.3	14.0	10.7	8.6	5.4	3.2	0.0	0.0	0.0
0.0	35°	17.2	14.0	9.7	6.4	5.4	3.2	2.1	0.0	0.0	0.0
0.0	37.5°	15.0	11.8	7.5	3.2	2.1	2.1	1.1	0.0	0.0	0.0
0.0	40°	14.0	9.7	5.4	1.1	1.1	1.1	0.0	0.0	0.0	0.0
0.0	42.5°	14.0	9.7	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	14.0	9.7	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	14.0	9.7	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	15.0	10.7	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	17.2	12.9	8.6	4.3	3.2	2.1	1.1	0.0	0.0	0.0
0.0	55°	21.5	19.3	16.1	14.0	10.7	7.5	3.2	0.0	0.0	0.0
0.0	57.5°	27.9	27.9	26.9	25.8	19.3	12.9	6.4	0.0	0.0	0.0
0.0	60°	37.6	37.6	37.6	37.6	27.9	19.3	9.7	0.0	0.0	0.0
0.0	62.5°	46.2	44.1	40.8	38.7	29.0	19.3	9.7	0.0	0.0	0.0
0.0	65°	46.2	41.9	36.5	31.2	23.6	16.1	7.5	0.0	0.0	0.0
0.0	67.5°	43.0	34.4	24.7	16.1	11.8	8.6	4.3	0.0	0.0	0.0
	70°	43.0	30.1	17.2	4.3	3.2	2.1	1.1	0.0	0.0	0.0
	72.5°	43.0	29.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	47.3	32.2	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	47.3	32.2	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	41.9	27.9	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	14.0	9.7	4.3	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°	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
0.0	2.5°	48.4	48.4	48.4	47.3	47.3	47.3	47.3	46.2	46.2	46.2
0.0	5°	44.1	44.1	43.0	43.0	41.9	41.9	40.8	40.8	39.8	39.8
0.0	7.5°	40.8	39.8	39.8	38.7	37.6	37.6	36.5	36.5	35.5	34.4
0.0	10°	37.6	36.5	36.5	35.5	34.4	33.3	33.3	32.2	31.2	30.1
0.0	12.5°	34.4	33.3	32.2	31.2	30.1	29.0	29.0	27.9	26.9	25.8
0.0	15°	30.1	29.0	27.9	26.9	25.8	24.7	24.7	23.6	22.6	21.5
0.0	17.5°	25.8	24.7	24.7	23.6	22.6	21.5	20.4	18.3	17.2	16.1
0.0	20°	19.3	18.3	17.2	16.1	15.0	12.9	11.8	9.7	7.5	6.4
0.0	22.5°	12.9	10.7	9.7	7.5	5.4	4.3	3.2	1.1	0.0	0.0
0.0	25°	4.3	3.2	2.1	1.1	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: P1049409

CATALOG NUMBER: GALN-SA6A-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049409

CATALOG NUMBER: GALN-SA6A-940-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
0.0	2.5°	45.1	45.1	45.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
0.0	5°	38.7	38.7	38.7	37.6	37.6	36.5	36.5	36.5	35.5	35.5
0.0	7.5°	33.3	32.2	32.2	31.2	31.2	30.1	30.1	30.1	29.0	29.0
0.0	10°	27.9	26.9	26.9	25.8	25.8	24.7	24.7	23.6	23.6	22.6
0.0	12.5°	24.7	23.6	22.6	21.5	21.5	20.4	19.3	19.3	18.3	17.2
0.0	15°	19.3	18.3	17.2	16.1	15.0	14.0	12.9	12.9	11.8	10.7
0.0	17.5°	12.9	10.7	9.7	8.6	8.6	7.5	6.4	5.4	4.3	3.2
0.0	20°	3.2	2.1	1.1	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

CATALOG NUMBER: GALN-SA6A-940-U-RBC

CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049409

CATALOG NUMBER: GALN-SA6A-940-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°	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
0.0	2.5°	44.1	43.0	43.0	43.0	44.1	44.1	44.1	44.1	44.1	44.1
0.0	5°	35.5	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
0.0	7.5°	29.0	27.9	27.9	27.9	27.9	26.9	26.9	26.9	26.9	26.9
0.0	10°	22.6	21.5	21.5	21.5	21.5	20.4	20.4	20.4	20.4	20.4
0.0	12.5°	16.1	16.1	15.0	15.0	15.0	14.0	14.0	14.0	14.0	12.9
0.0	15°	9.7	8.6	7.5	7.5	7.5	6.4	6.4	6.4	6.4	5.4
0.0	17.5°	2.1	2.1	1.1	1.1	1.1	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):

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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°	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
0.0	2.5°	45.1	45.1	46.2	46.2	47.3	49.4	50.5	51.6	53.7	55.9
0.0	5°	35.5	36.5	36.5	37.6	38.7	39.8	40.8	41.9	44.1	46.2
0.0	7.5°	27.9	27.9	29.0	29.0	30.1	32.2	33.3	34.4	36.5	39.8
0.0	10°	21.5	21.5	22.6	22.6	23.6	25.8	26.9	27.9	30.1	33.3
0.0	12.5°	14.0	15.0	15.0	16.1	17.2	19.3	20.4	21.5	23.6	25.8
0.0	15°	6.4	7.5	7.5	8.6	9.7	11.8	12.9	14.0	16.1	19.3
0.0	17.5°	1.1	1.1	2.1	2.1	3.2	4.3	5.4	6.4	9.7	11.8
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	4.3
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
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°	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
0.0	2.5°	59.1	61.3	63.4	65.5	67.7	69.8	70.9	73.1	74.1	75.2
0.0	5°	50.5	52.7	55.9	58.0	60.2	62.3	64.5	65.5	66.6	67.7
0.0	7.5°	44.1	46.2	49.4	51.6	53.7	55.9	58.0	60.2	61.3	62.3
0.0	10°	37.6	40.8	43.0	46.2	48.4	50.5	52.7	54.8	57.0	58.0
0.0	12.5°	30.1	33.3	36.5	38.7	41.9	45.1	47.3	49.4	51.6	53.7
0.0	15°	23.6	26.9	30.1	32.2	35.5	38.7	41.9	44.1	46.2	48.4
0.0	17.5°	17.2	20.4	23.6	25.8	29.0	32.2	34.4	37.6	39.8	41.9
0.0	20°	8.6	11.8	15.0	18.3	21.5	24.7	26.9	30.1	32.2	34.4
0.0	22.5°	1.1	4.3	7.5	9.7	12.9	16.1	18.3	21.5	23.6	25.8
0.0	25°	0.0	1.1	3.2	4.3	5.4	7.5	9.7	11.8	14.0	16.1
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.1	2.1	4.3	6.4	8.6
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
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	1.1
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	2.1
	85°	0.0	0.0	0.0	0.0	0.0	2.1	3.2	5.4	6.4	7.5
	87.5°	0.0	1.1	2.1	3.2	4.3	6.4	8.6	10.7	11.8	12.9
	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: P1049409

CATALOG NUMBER: GALN-SA6A-940-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
62.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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0.0											
0.0											
0.0											
1.1											
4.3											
9.7											
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REPORT NUMBER: P1049409

CATALOG NUMBER: GALN-SA6A-940-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
0.0	2.5°	76.3	76.3	76.3	76.3	75.2	75.2	75.2	74.1	74.1	73.1
0.0	5°	69.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	69.8	69.8
0.0	7.5°	64.5	65.5	66.6	66.6	67.7	67.7	67.7	66.6	66.6	65.5
0.0	10°	61.3	62.3	62.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4
0.0	12.5°	57.0	58.0	59.1	59.1	60.2	60.2	60.2	60.2	59.1	59.1
0.0	15°	51.6	53.7	54.8	55.9	55.9	57.0	57.0	57.0	57.0	57.0
0.0	17.5°	47.3	49.4	50.5	51.6	51.6	52.7	52.7	53.7	53.7	53.7
0.0	20°	38.7	40.8	41.9	44.1	45.1	46.2	47.3	48.4	48.4	49.4
0.0	22.5°	30.1	32.2	33.3	35.5	36.5	37.6	38.7	39.8	40.8	41.9
0.0	25°	21.5	23.6	24.7	26.9	27.9	29.0	30.1	31.2	31.2	32.2
0.0	27.5°	11.8	14.0	16.1	17.2	19.3	20.4	21.5	22.6	23.6	24.7
0.0	30°	5.4	6.4	7.5	9.7	10.7	11.8	12.9	15.0	16.1	17.2
0.0	32.5°	0.0	0.0	1.1	3.2	4.3	5.4	6.4	7.5	7.5	8.6
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.1	3.2	4.3
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°	2.1	2.1	2.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2
	82.5°	5.4	6.4	7.5	7.5	8.6	8.6	8.6	8.6	7.5	7.5
	85°	10.7	11.8	12.9	12.9	14.0	14.0	14.0	14.0	14.0	14.0
	87.5°	15.0	16.1	17.2	17.2	18.3	18.3	18.3	18.3	18.3	18.3
	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: P1049409

CATALOG NUMBER: GALN-SA6A-940-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
62.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	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
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REPORT NUMBER: P1049409

CATALOG NUMBER: GALN-SA6A-940-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°	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
0.0	2.5°	72.0	72.0	70.9	70.9	70.9	70.9	70.9	72.0	73.1	73.1
0.0	5°	68.8	68.8	67.7	67.7	67.7	68.8	68.8	69.8	70.9	72.0
0.0	7.5°	65.5	64.5	64.5	65.5	65.5	66.6	66.6	67.7	68.8	69.8
0.0	10°	63.4	62.3	62.3	62.3	63.4	63.4	64.5	65.5	66.6	67.7
0.0	12.5°	59.1	59.1	59.1	59.1	60.2	60.2	61.3	62.3	64.5	65.5
0.0	15°	57.0	55.9	55.9	55.9	55.9	57.0	57.0	59.1	61.3	62.3
0.0	17.5°	52.7	52.7	51.6	51.6	52.7	52.7	53.7	55.9	58.0	59.1
0.0	20°	48.4	47.3	46.2	46.2	47.3	47.3	48.4	50.5	52.7	53.7
0.0	22.5°	41.9	40.8	40.8	40.8	40.8	41.9	41.9	44.1	47.3	49.4
0.0	25°	33.3	34.4	34.4	35.5	35.5	36.5	37.6	39.8	43.0	45.1
0.0	27.5°	25.8	26.9	26.9	29.0	30.1	31.2	32.2	35.5	38.7	40.8
0.0	30°	19.3	20.4	21.5	22.6	24.7	26.9	29.0	32.2	35.5	37.6
0.0	32.5°	11.8	14.0	15.0	17.2	19.3	21.5	23.6	26.9	31.2	34.4
0.0	35°	8.6	9.7	11.8	12.9	15.0	17.2	19.3	23.6	26.9	31.2
0.0	37.5°	4.3	6.4	8.6	10.7	12.9	15.0	17.2	21.5	25.8	29.0
0.0	40°	3.2	5.4	6.4	8.6	11.8	14.0	16.1	20.4	24.7	29.0
0.0	42.5°	2.1	3.2	4.3	7.5	9.7	12.9	16.1	20.4	24.7	29.0
0.0	45°	2.1	2.1	3.2	6.4	9.7	14.0	17.2	21.5	24.7	29.0
0.0	47.5°	2.1	3.2	4.3	8.6	10.7	14.0	17.2	20.4	24.7	27.9
0.0	50°	3.2	4.3	5.4	9.7	11.8	15.0	17.2	21.5	24.7	29.0
0.0	52.5°	2.1	3.2	4.3	8.6	11.8	16.1	19.3	23.6	27.9	31.2
0.0	55°	1.1	1.1	1.1	6.4	12.9	18.3	24.7	27.9	32.2	35.5
0.0	57.5°	0.0	0.0	0.0	4.3	12.9	20.4	27.9	32.2	36.5	39.8
0.0	60°	0.0	0.0	0.0	4.3	12.9	20.4	27.9	33.3	38.7	44.1
0.0	62.5°	0.0	0.0	0.0	4.3	10.7	17.2	23.6	32.2	41.9	50.5
0.0	65°	0.0	0.0	0.0	3.2	8.6	14.0	19.3	32.2	45.1	57.0
0.0	67.5°	0.0	0.0	0.0	3.2	8.6	12.9	18.3	32.2	45.1	59.1
	70°	0.0	0.0	0.0	3.2	8.6	14.0	19.3	32.2	45.1	58.0
	72.5°	0.0	0.0	0.0	3.2	9.7	15.0	21.5	32.2	43.0	53.7
	75°	0.0	0.0	0.0	4.3	9.7	16.1	22.6	32.2	41.9	50.5
	77.5°	0.0	0.0	0.0	3.2	9.7	15.0	21.5	31.2	40.8	49.4
	80°	3.2	2.1	2.1	5.4	9.7	14.0	18.3	27.9	38.7	48.4
	82.5°	6.4	6.4	5.4	7.5	9.7	12.9	16.1	24.7	34.4	43.0
	85°	12.9	12.9	11.8	12.9	12.9	14.0	15.0	19.3	23.6	27.9
	87.5°	17.2	17.2	16.1	16.1	16.1	15.0	15.0	15.0	15.0	14.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
62.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.9											
64.5											
60.2											
59.1											
58.0											
51.6											
32.2											
14.0											
0.0											
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REPORT NUMBER: P1049409

CATALOG NUMBER: GALN-SA6A-940-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
0.0	2.5°	75.2	76.3	76.3	77.4	78.4	79.5	79.5	80.6	80.6	80.6
0.0	5°	74.1	76.3	77.4	78.4	79.5	80.6	81.7	82.7	83.8	83.8
0.0	7.5°	73.1	74.1	76.3	77.4	79.5	80.6	82.7	83.8	84.9	86.0
0.0	10°	70.9	73.1	75.2	77.4	79.5	81.7	83.8	86.0	88.1	89.2
0.0	12.5°	68.8	72.0	74.1	76.3	79.5	82.7	84.9	88.1	90.3	92.4
0.0	15°	67.7	69.8	73.1	75.2	79.5	83.8	87.0	91.3	95.6	98.9
0.0	17.5°	64.5	68.8	72.0	75.2	79.5	84.9	89.2	93.5	99.9	106.4
0.0	20°	60.2	63.4	67.7	70.9	77.4	82.7	89.2	94.6	104.2	113.9
0.0	22.5°	55.9	60.2	63.4	67.7	75.2	81.7	89.2	95.6	111.8	126.8
0.0	25°	51.6	57.0	61.3	65.5	74.1	82.7	91.3	99.9	126.8	153.7
0.0	27.5°	49.4	53.7	59.1	63.4	74.1	86.0	96.7	107.5	150.4	192.3
0.0	30°	46.2	51.6	55.9	61.3	75.2	89.2	103.2	117.1	182.7	248.2
0.0	32.5°	43.0	48.4	53.7	59.1	77.4	95.6	112.8	131.1	217.1	302.0
0.0	35°	39.8	46.2	51.6	57.0	80.6	105.3	128.9	152.6	248.2	342.8
0.0	37.5°	38.7	45.1	50.5	55.9	81.7	106.4	132.2	156.9	251.5	346.0
0.0	40°	39.8	45.1	51.6	57.0	78.4	99.9	120.4	141.8	240.7	338.5
0.0	42.5°	39.8	46.2	52.7	59.1	76.3	93.5	110.7	127.9	237.5	347.1
0.0	45°	38.7	45.1	51.6	58.0	74.1	89.2	105.3	120.4	256.8	392.2
0.0	47.5°	37.6	44.1	50.5	57.0	73.1	89.2	105.3	121.4	332.0	541.6
0.0	50°	37.6	44.1	49.4	54.8	74.1	94.6	113.9	133.2	483.6	832.8
0.0	52.5°	39.8	45.1	49.4	53.7	76.3	99.9	122.5	145.1	614.7	1083.2
0.0	55°	43.0	46.2	50.5	53.7	81.7	108.5	136.5	163.3	654.4	1145.5
0.0	57.5°	47.3	50.5	53.7	57.0	91.3	125.7	159.0	193.4	657.6	1120.8
0.0	60°	52.7	57.0	60.2	63.4	99.9	137.5	174.1	210.6	595.3	978.9
0.0	62.5°	64.5	69.8	74.1	79.5	115.0	149.4	184.8	219.2	494.3	769.4
0.0	65°	74.1	78.4	82.7	87.0	121.4	156.9	191.3	225.7	419.1	612.5
0.0	67.5°	76.3	80.6	83.8	88.1	123.6	159.0	193.4	228.9	358.9	487.9
	70°	77.4	82.7	89.2	94.6	131.1	167.6	203.1	239.6	318.1	396.5
	72.5°	74.1	84.9	94.6	104.2	138.6	171.9	206.3	239.6	295.5	351.4
	75°	74.1	89.2	103.2	117.1	142.9	167.6	193.4	218.1	261.1	304.1
	77.5°	78.4	97.8	117.1	136.5	151.5	165.5	180.5	194.5	222.4	250.4
	80°	78.4	98.9	118.2	138.6	145.1	152.6	159.0	165.5	168.7	171.9
	82.5°	67.7	83.8	99.9	116.1	108.5	101.0	93.5	86.0	80.6	74.1
	85°	34.4	37.6	39.8	41.9	38.7	35.5	32.2	29.0	26.9	23.6
	87.5°	14.0	14.0	12.9	12.9	12.9	12.9	11.8	11.8	11.8	11.8
	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

REPORT NUMBER: P1049409

CATALOG NUMBER: GALN-SA6A-940-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
62.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
228.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
318.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
430.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
538.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
611.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
666.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
721.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
828.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1043.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1590.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2436.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3066.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3136.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2830.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2419.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1891.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1429.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1055.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
746.8											
555.6											
404.0											
304.1											
170.9											
77.4											
22.6											
10.7											
0.0											
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REPORT NUMBER: P1049409

CATALOG NUMBER: GALN-SA6A-940-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°	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
0.0	2.5°	80.6	79.5	79.5	78.4	77.4	76.3	75.2	74.1	73.1	72.0
0.0	5°	83.8	83.8	83.8	82.7	82.7	81.7	81.7	80.6	79.5	78.4
0.0	7.5°	87.0	88.1	88.1	89.2	89.2	89.2	89.2	88.1	88.1	88.1
0.0	10°	92.4	93.5	94.6	95.6	96.7	97.8	97.8	98.9	98.9	98.9
0.0	12.5°	98.9	102.1	104.2	107.5	109.6	112.8	115.0	118.2	120.4	122.5
0.0	15°	108.5	113.9	120.4	125.7	131.1	138.6	147.2	154.7	162.3	174.1
0.0	17.5°	122.5	139.7	156.9	173.0	190.2	227.8	265.4	302.0	339.6	394.4
0.0	20°	149.4	200.9	251.5	303.0	353.5	485.7	616.8	749.0	880.1	1020.8
0.0	22.5°	209.5	336.3	463.1	589.9	716.7	992.9	1268.0	1544.2	1819.3	2142.7
0.0	25°	304.1	537.3	770.5	1002.6	1235.8	1667.7	2100.8	2532.8	2964.7	3384.9
0.0	27.5°	442.7	799.5	1156.2	1511.9	1868.7	2454.3	3041.0	3626.7	4212.3	4687.3
0.0	30°	613.6	1097.1	1580.7	2064.3	2547.8	3214.0	3880.3	4545.4	5211.7	5730.7
0.0	32.5°	774.8	1366.9	1958.9	2550.0	3142.1	3900.7	4660.4	5419.1	6177.7	6745.1
0.0	35°	880.1	1595.7	2312.5	3028.1	3743.8	4564.8	5385.8	6205.7	7026.6	7674.6
0.0	37.5°	985.4	1811.7	2637.0	3463.4	4288.6	5190.2	6091.8	6993.3	7894.9	8695.5
0.0	40°	1103.6	2072.9	3041.0	4010.3	4978.5	6046.6	7113.7	8181.8	9248.9	10378.2
0.0	42.5°	1308.8	2505.9	3704.1	4901.1	6098.2	7511.3	8924.3	10336.3	11749.4	13361.2
0.0	45°	1694.6	3381.7	5069.8	6756.9	8444.0	10315.9	12188.9	14060.8	15932.7	18077.6
0.0	47.5°	2639.2	4960.2	7280.2	9601.3	11921.3	13942.6	15962.8	17984.1	20004.3	22140.5
0.0	50°	4038.2	6739.7	9441.2	12141.6	14843.1	16672.0	18499.9	20328.8	22156.6	24188.7
0.0	52.5°	5050.5	7864.8	10680.2	13494.5	16308.8	17959.3	19611.0	21261.5	22912.1	24810.8
0.0	55°	5126.8	7925.0	10724.2	13522.4	16320.6	17978.7	19636.8	21294.8	22952.9	24965.6
0.0	57.5°	4539.0	7314.6	10089.2	12864.8	15639.3	17527.4	19414.3	21302.3	23189.3	25365.3
0.0	60°	3860.9	6637.6	9413.3	12190.0	14965.6	17140.5	19316.5	21491.5	23666.4	25704.9
0.0	62.5°	3012.0	5868.2	8725.5	11581.8	14438.0	16646.2	18854.5	21061.6	23269.9	24799.0
0.0	65°	2244.8	5018.3	7791.7	10564.1	13337.6	15106.4	16875.1	18642.8	20411.5	21358.2
0.0	67.5°	1622.6	4014.6	6405.5	8797.5	11188.5	12454.3	13720.2	14984.9	16250.8	16975.0
	70°	1097.1	2754.1	4410.1	6067.0	7723.0	8763.1	9804.4	10844.6	11884.8	12862.6
	72.5°	759.7	1690.3	2622.0	3552.5	4483.1	5529.8	6575.3	7622.0	8667.5	9702.3
	75°	504.0	927.4	1351.8	1775.2	2198.6	2973.3	3749.2	4524.0	5298.7	5915.5
	77.5°	357.8	484.6	612.5	739.3	866.1	1011.2	1157.3	1302.4	1447.5	1667.7
	80°	169.8	185.9	202.0	217.1	233.2	285.8	338.5	391.1	443.8	499.7
	82.5°	80.6	87.0	93.5	98.9	105.3	110.7	116.1	121.4	126.8	121.4
	85°	21.5	21.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	21.5
	87.5°	9.7	9.7	9.7	9.7	9.7	9.7	9.7	8.6	8.6	7.5
	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°
62.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
187.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
448.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1162.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2466.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3805.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5162.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6250.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7313.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8322.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9497.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11507.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14973.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20222.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24276.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26220.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26709.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26979.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27541.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27742.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26329.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22306.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17700.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13839.4											
10737.1											
6532.3											
1888.0											
555.6											
115.0											
20.4											
7.5											
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°	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
0.0	2.5°	69.8	68.8	67.7	66.6	65.5	63.4	63.4	62.3	62.3
0.0	5°	76.3	75.2	74.1	73.1	73.1	72.0	70.9	70.9	69.8
0.0	7.5°	87.0	86.0	84.9	83.8	83.8	82.7	82.7	81.7	81.7
0.0	10°	99.9	99.9	99.9	99.9	99.9	98.9	98.9	98.9	97.8
0.0	12.5°	125.7	126.8	128.9	131.1	134.3	134.3	134.3	133.2	133.2
0.0	15°	198.8	210.6	219.2	227.8	235.3	252.5	250.4	247.2	245.0
0.0	17.5°	502.9	556.6	585.6	613.6	642.6	722.1	709.2	696.3	684.5
0.0	20°	1303.5	1444.2	1537.7	1631.2	1725.8	1875.1	1838.6	1802.1	1765.5
0.0	22.5°	2788.5	3112.0	3252.7	3393.5	3533.2	3713.7	3596.6	3479.5	3363.4
0.0	25°	4224.1	4644.3	4881.8	5119.3	5355.7	5458.8	5306.2	5152.6	5000.0
0.0	27.5°	5637.2	6112.2	6321.7	6530.2	6739.7	6955.7	6766.6	6576.4	6387.3
0.0	30°	6769.8	7288.8	7515.6	7741.2	7968.0	8118.4	7922.8	7726.2	7530.6
0.0	32.5°	7880.9	8448.3	8696.5	8944.8	9191.9	9407.9	9167.2	8925.4	8684.7
0.0	35°	8969.5	9617.4	9959.1	10300.9	10642.6	10843.5	10557.7	10270.8	9984.9
0.0	37.5°	10297.6	11098.2	11480.7	11863.3	12245.8	12612.3	12297.4	11981.5	11666.6
0.0	40°	12637.0	13766.4	14353.1	14940.9	15527.6	16000.4	15602.8	15205.2	14807.6
0.0	42.5°	16585.0	18196.8	19040.4	19882.8	20726.4	21464.6	21046.6	20628.6	20210.6
0.0	45°	22367.3	24512.1	25540.5	26567.8	27596.1	28135.6	27533.8	26931.0	26329.2
0.0	47.5°	26411.9	28548.2	29463.7	30379.3	31294.8	31910.5	31174.5	30438.4	29703.4
0.0	50°	28251.6	30283.6	31202.4	32120.1	33038.8	33527.8	32677.8	31826.7	30976.7
0.0	52.5°	28607.3	30506.1	31602.1	32699.3	33795.3	34448.7	33445.0	32440.3	31436.7
0.0	55°	28992.0	31004.7	32275.9	33548.2	34819.4	35724.2	34589.5	33453.6	32318.9
0.0	57.5°	29716.3	31892.3	33160.3	34427.2	35695.2	36463.5	35325.5	34186.5	33048.5
0.0	60°	29780.7	31818.1	32907.7	33998.4	35088.1	35571.6	34483.1	33393.5	32304.9
0.0	62.5°	27858.3	29387.4	30143.9	30900.4	31656.9	32182.4	31046.6	29909.7	28773.9
0.0	65°	23252.7	24199.4	24802.2	25405.1	26007.9	26634.4	25594.2	24554.0	23513.8
0.0	67.5°	18424.6	19148.9	19943.0	20737.1	21531.2	22200.7	21367.9	20534.0	19701.2
	70°	14817.3	15794.1	16687.1	17580.0	18473.0	19021.0	18185.0	17347.9	16511.9
	72.5°	11772.0	12806.8	13552.5	14297.2	15043.0	15177.3	14562.6	13948.0	13334.4
	75°	7148.1	7764.9	7779.9	7793.9	7808.9	7936.8	7427.5	6918.1	6409.8
	77.5°	2108.3	2328.6	2510.2	2690.7	2872.3	3091.5	2904.6	2716.5	2529.5
	80°	610.4	666.2	713.5	759.7	807.0	779.1	735.0	691.0	646.9
	82.5°	109.6	103.2	102.1	101.0	101.0	95.6	87.0	78.4	69.8
	85°	19.3	18.3	17.2	16.1	15.0	14.0	11.8	10.7	8.6
	87.5°	6.4	5.4	4.3	3.2	3.2	1.1	1.1	1.1	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA6A-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049409

CATALOG NUMBER: GALN-SA6A-940-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
0.0	0.0	2.5°	61.3	60.2	60.2	60.2	60.2	59.1	59.1	59.1	59.1
0.0	0.0	5°	67.7	67.7	66.6	66.6	65.5	65.5	64.5	64.5	63.4
0.0	0.0	7.5°	79.5	78.4	77.4	76.3	75.2	73.1	72.0	70.9	70.9
0.0	0.0	10°	95.6	93.5	92.4	90.3	89.2	87.0	84.9	82.7	80.6
0.0	0.0	12.5°	125.7	121.4	118.2	113.9	109.6	106.4	102.1	98.9	94.6
0.0	0.0	15°	218.1	207.4	195.6	181.6	166.6	152.6	137.5	128.9	119.3
0.0	0.0	17.5°	557.7	501.8	444.9	398.7	352.5	307.3	261.1	227.8	194.5
0.0	0.0	20°	1419.5	1264.8	1110.0	957.4	803.8	651.2	497.5	420.2	342.8
0.0	0.0	22.5°	2671.4	2384.5	2096.5	1818.2	1538.8	1260.5	982.2	807.0	632.9
0.0	0.0	25°	4123.1	3762.1	3401.0	2943.3	2484.4	2026.6	1568.9	1284.1	999.4
0.0	0.0	27.5°	5365.3	4949.5	4533.6	3977.0	3420.4	2863.7	2307.1	1882.7	1459.3
0.0	0.0	30°	6441.0	5994.0	5546.9	4899.0	4251.0	3603.0	2955.1	2424.2	1893.4
0.0	0.0	32.5°	7373.7	6838.6	6303.4	5635.1	4966.7	4298.3	3629.9	2978.7	2327.5
0.0	0.0	35°	8449.4	7825.0	7199.6	6458.2	5715.7	4974.2	4232.7	3497.7	2761.7
0.0	0.0	37.5°	9816.2	9050.1	8282.8	7456.5	6630.1	5804.8	4978.5	4138.2	3297.9
0.0	0.0	40°	12432.8	11444.2	10455.6	9405.7	8354.8	7305.0	6255.1	5223.5	4191.9
0.0	0.0	42.5°	17121.2	15785.5	14449.8	13052.8	11654.8	10257.9	8859.9	7404.9	5948.8
0.0	0.0	45°	22412.4	20755.4	19097.3	17529.5	15960.6	14392.8	12825.0	10828.5	8831.9
0.0	0.0	47.5°	25387.9	23598.7	21809.5	20325.6	18841.6	17357.6	15873.6	13721.2	11568.9
0.0	0.0	50°	26482.9	24661.5	22840.1	21474.3	20107.4	18741.6	17374.8	15219.2	13062.5
0.0	0.0	52.5°	26716.1	24858.1	23000.2	21625.8	20251.4	18878.1	17503.7	15362.1	13220.5
0.0	0.0	55°	27195.3	25202.0	23207.6	21640.8	20074.1	18507.4	16940.7	14764.6	12588.6
0.0	0.0	57.5°	27821.8	25777.9	23734.1	21949.2	20164.4	18380.6	16595.7	14216.6	11837.5
0.0	0.0	60°	27657.4	25879.0	24099.5	22187.8	20275.1	18363.4	16450.6	13834.1	11216.4
0.0	0.0	62.5°	24803.3	23387.0	21969.7	20397.6	18824.4	17252.3	15680.2	12986.2	10292.3
0.0	0.0	65°	20405.1	19371.3	18337.6	17072.8	15807.0	14542.2	13277.4	10861.8	8447.2
0.0	0.0	67.5°	16537.7	15372.9	14206.9	13199.0	12190.0	11182.0	10173.0	8272.1	6371.1
		70°	13138.8	11871.9	10603.9	9619.6	8634.2	7649.9	6665.6	5401.9	4139.3
		72.5°	10434.1	9291.8	8149.6	7099.7	6048.8	4998.9	3948.0	3201.2	2454.3
		75°	4987.1	4530.4	4073.7	3524.6	2975.5	2426.4	1877.3	1551.7	1227.2
		77.5°	1848.3	1602.2	1355.0	1131.5	908.0	685.6	462.1	423.4	384.7
		80°	478.2	416.9	354.6	310.6	265.4	221.4	177.3	160.1	144.0
		82.5°	54.8	50.5	47.3	45.1	41.9	39.8	36.5	33.3	30.1
		85°	3.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049409

CATALOG NUMBER: GALN-SA6A-940-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	62.3	62.3
0.0	0.0	2.5°	58.0	57.0
0.0	0.0	5°	61.3	60.2
0.0	0.0	7.5°	67.7	65.5
0.0	0.0	10°	74.1	72.0
0.0	0.0	12.5°	83.8	80.6
0.0	0.0	15°	94.6	88.1
0.0	0.0	17.5°	112.8	98.9
0.0	0.0	20°	152.6	117.1
0.0	0.0	22.5°	214.9	146.1
0.0	0.0	25°	315.9	202.0
0.0	0.0	27.5°	439.5	268.6
0.0	0.0	30°	584.6	336.3
0.0	0.0	32.5°	712.4	400.8
0.0	0.0	35°	879.0	466.4
0.0	0.0	37.5°	1084.2	550.2
0.0	0.0	40°	1402.3	677.0
0.0	0.0	42.5°	1975.1	911.2
0.0	0.0	45°	3207.6	1575.3
0.0	0.0	47.5°	4935.5	2605.8
0.0	0.0	50°	6038.0	3325.8
0.0	0.0	52.5°	6128.3	3320.4
0.0	0.0	55°	5594.2	2951.9
0.0	0.0	57.5°	4773.3	2467.2
0.0	0.0	60°	3967.3	1951.4
0.0	0.0	62.5°	3125.9	1347.5
0.0	0.0	65°	2284.5	953.1
0.0	0.0	67.5°	1640.9	712.4
		70°	1078.9	545.9
		72.5°	702.8	444.9
		75°	472.8	368.6
		77.5°	276.2	245.0
		80°	97.8	86.0
		82.5°	18.3	12.9
		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: P1049409

CATALOG NUMBER: GALN-SA6A-940-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: SP1-2407-184-16

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-940-U-5WQ

Data in this report applies to families of products including GSS-SB1A-940-U-5WQ

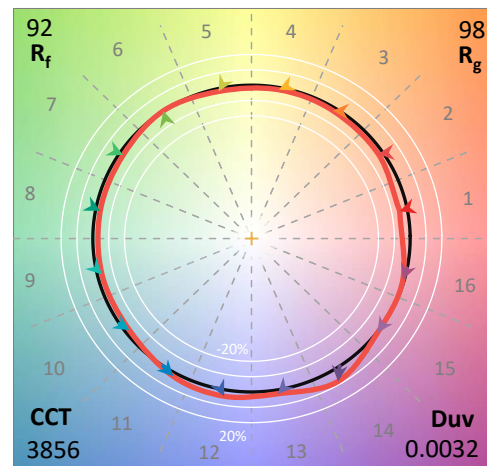
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-16
 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-940-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3856
 CIE u' : 0.2261
 CIE v' : 0.5084
 Duv: 0.0032
 CIE x: 0.3896
 CIE y: 0.3894
 CIE z: 0.2211
 Peak Wavelength (nm): 614
 Dominant Wavelength (nm): 578
 Purity: 33.77304
 R_f: 91.8
 R_g: 98.4

CRI (Ra): 92.1
 R1: 91.8
 R2: 94.1
 R3: 95.3
 R4: 92.8
 R5: 91.0
 R6: 91.6
 R7: 95.0
 R8: 85.2
 R9: 60.7
 R10: 85.2
 R11: 92.4
 R12: 74.5
 R13: 92.3
 R14: 97.0
 R15: 88.5



Test Conditions

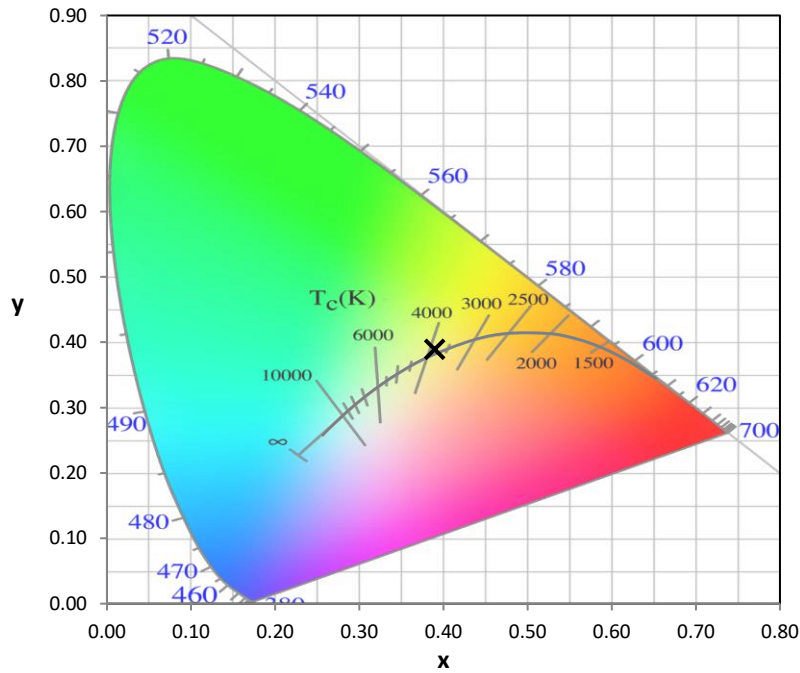
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-16

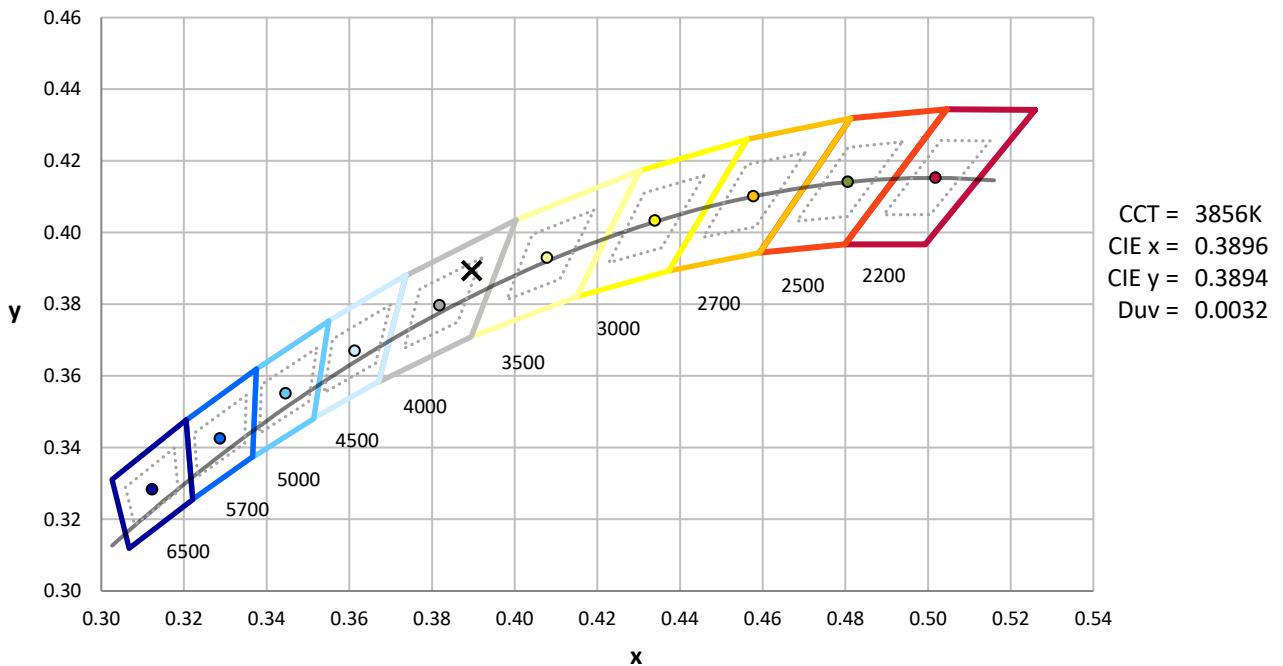
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-16

CIE 1931 Chromaticity Diagram

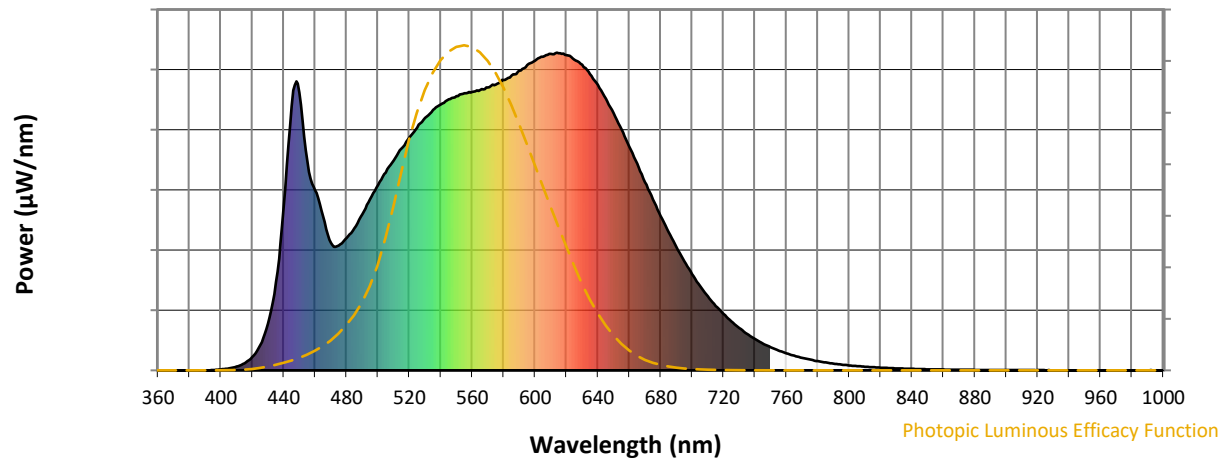


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



REPORT NUMBER: SP1-2407-184-16

Photopic Flux vs. Wavelength

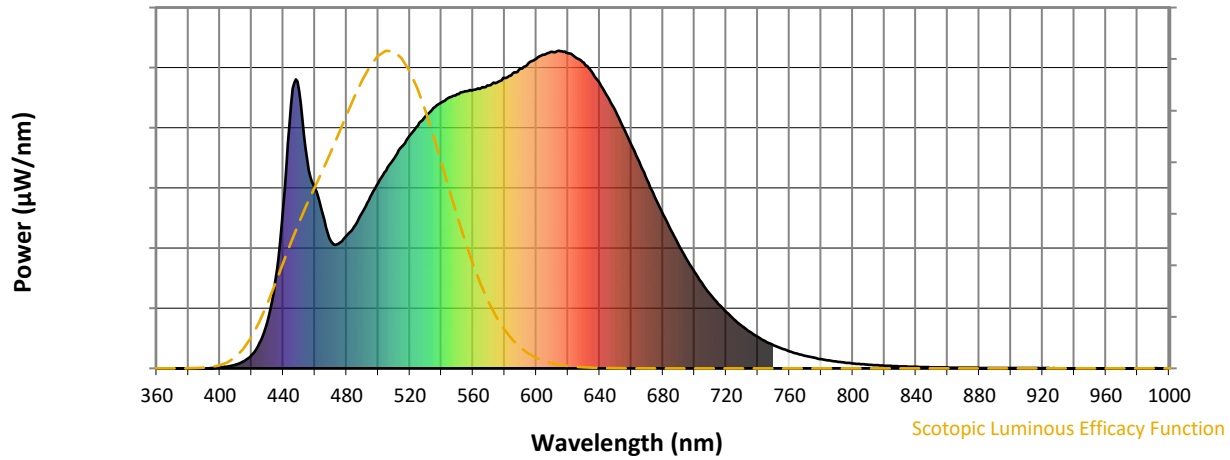


Photopic Lumens: NR

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-16

Scotopic Flux vs. Wavelength



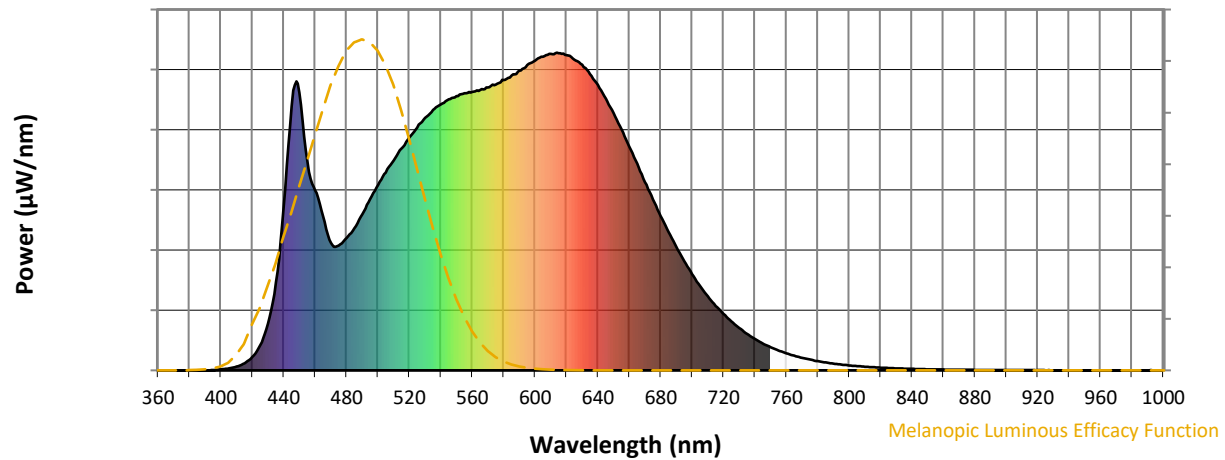
Scotopic Lumens: NR

S/P: 1.72

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 3.52

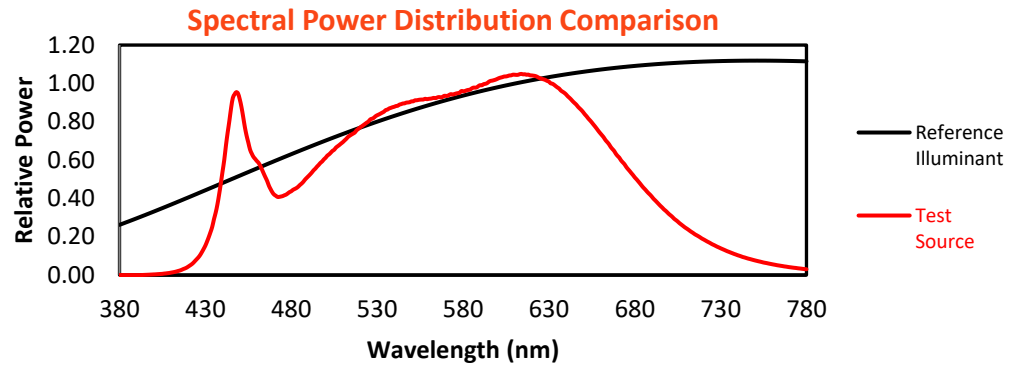
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-16

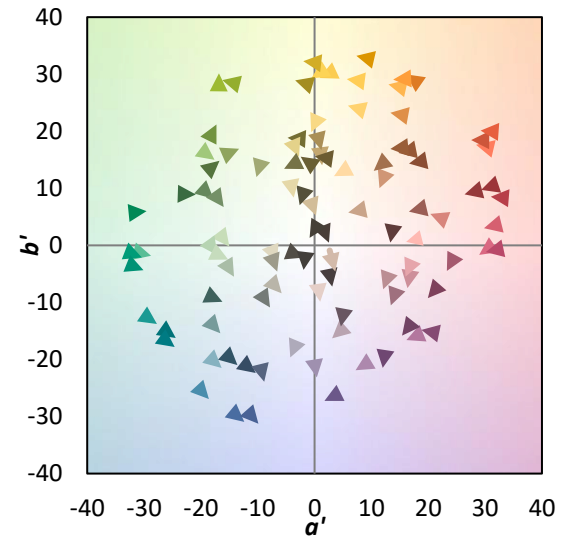
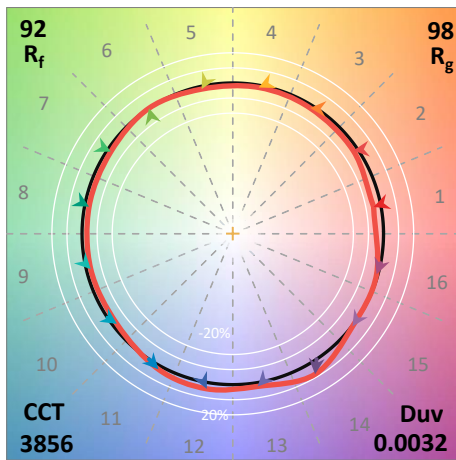
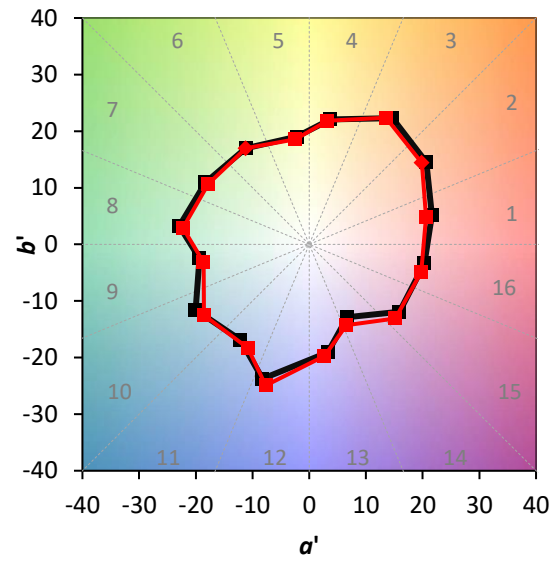
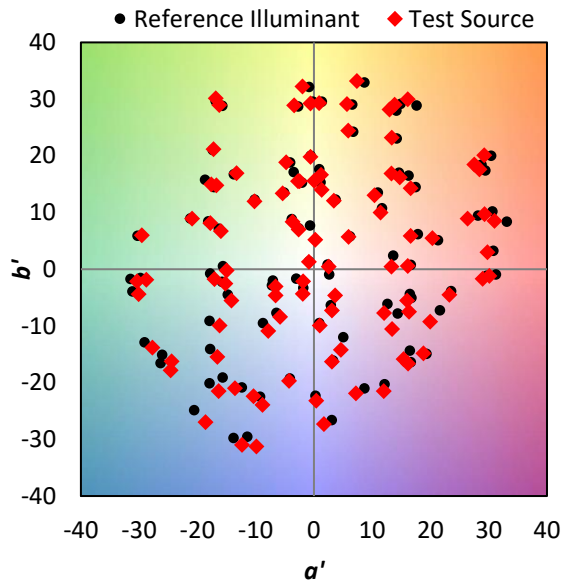
TM-30-18

Summary

$R_f = 91.8$
 $R_g = 98.4$
 $CIE R_a = 92.1$
 $R_9 = 60.7$

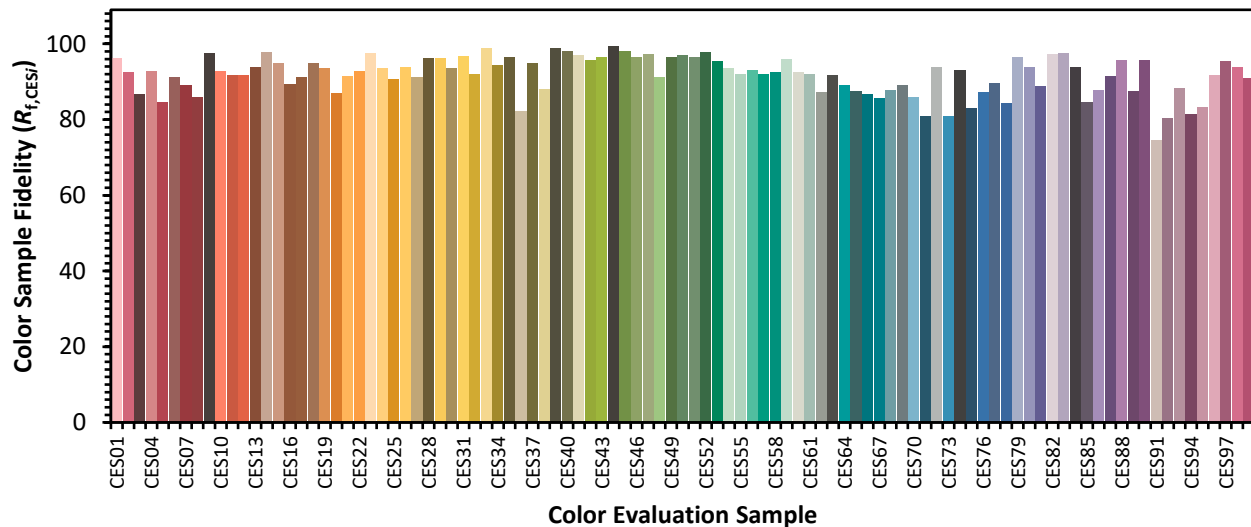


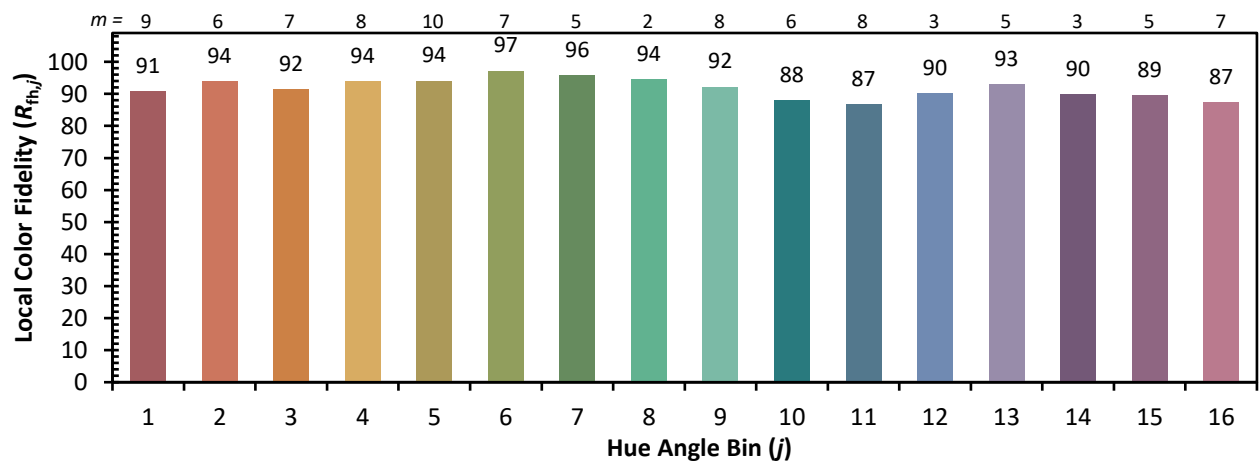
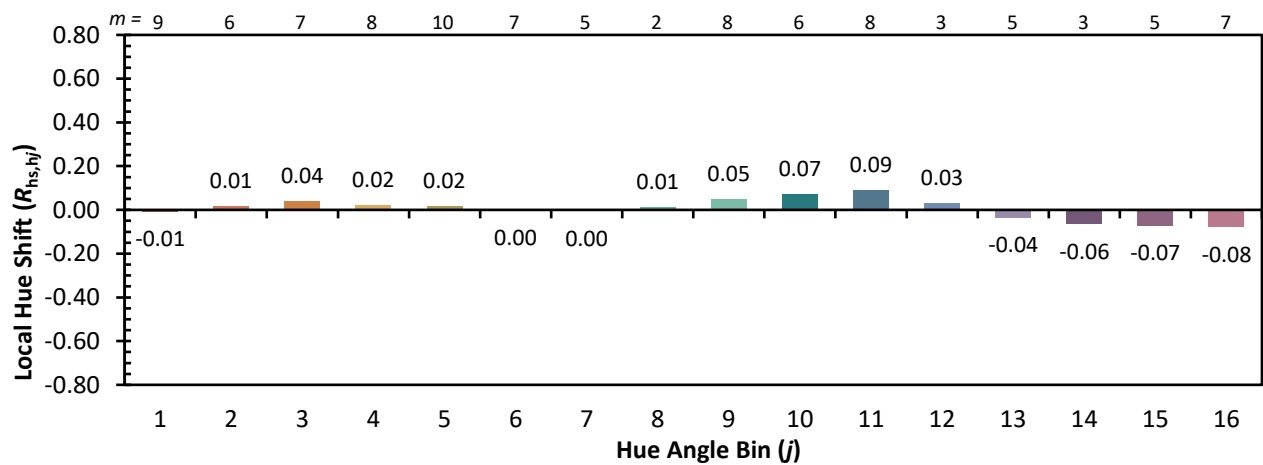
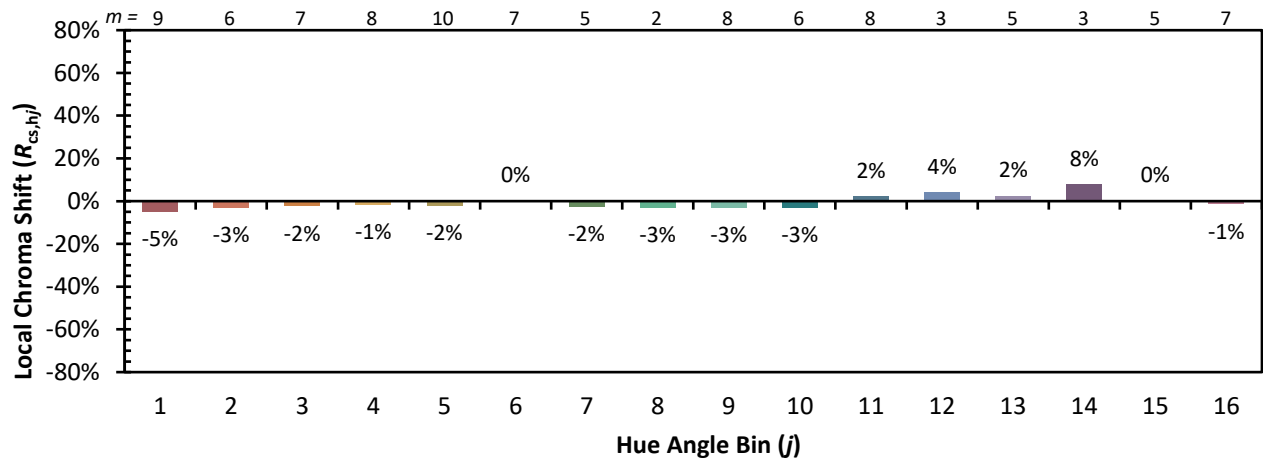
Color Vector Graphics



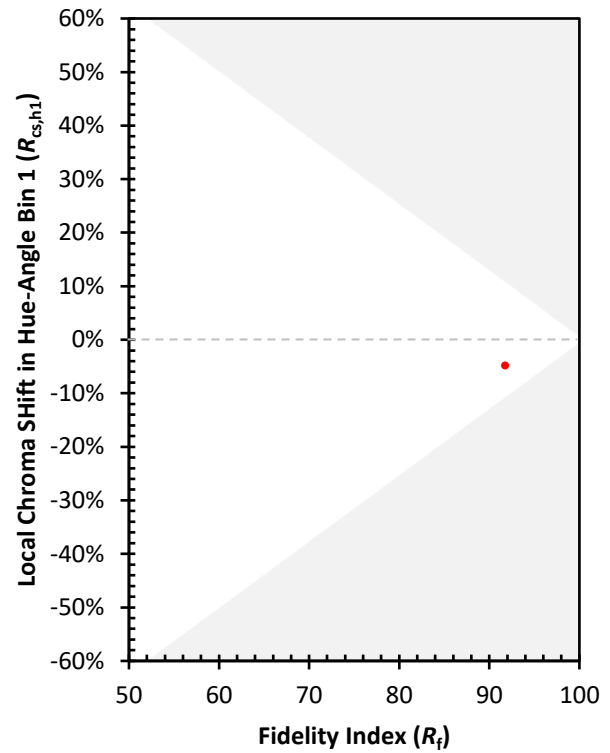
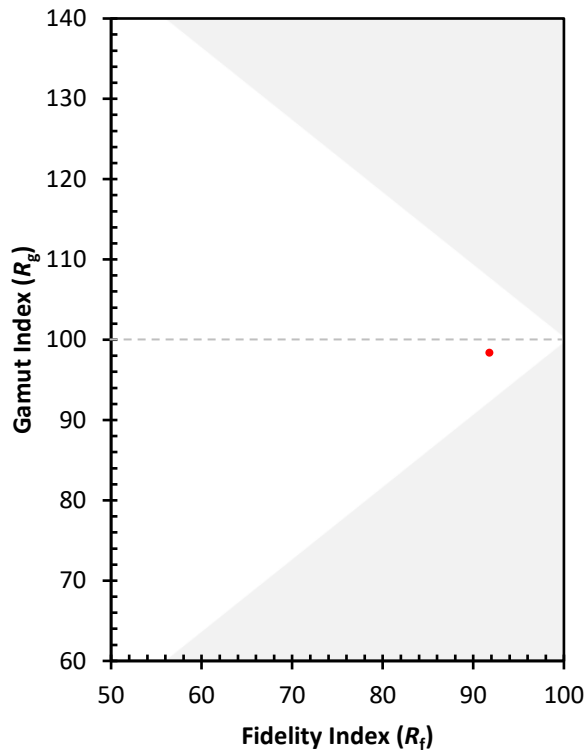
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82 = 97
CES08 = 41	CES33 = 99	CES58 = 92	CES83 = 98
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 74	CES35 = 96	CES60 = 93	CES85 = 85
CES11 = 57	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 63	CES37 = 95	CES62 = 87	CES87 = 92
CES13 = 43	CES38 = 88	CES63 = 92	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 89	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 88	CES90 = 96
CES16 = 47	CES41 = 97	CES66 = 87	CES91 = 74
CES17 = 49	CES42 = 96	CES67 = 86	CES92 = 80
CES18 = 56	CES43 = 96	CES68 = 88	CES93 = 88
CES19 = 71	CES44 = 99	CES69 = 89	CES94 = 82
CES20 = 66	CES45 = 98	CES70 = 86	CES95 = 83
CES21 = 85	CES46 = 97	CES71 = 81	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 94	CES97 = 95
CES23 = 91	CES48 = 91	CES73 = 81	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 93	CES99 = 91
CES25 = 71	CES50 = 97	CES75 = 83	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)