

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: P1049405

Luminaire Tested: **GALN-SA5A-940-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049405
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5A-940-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 5xLight Square PACKAGE
90CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (70) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11865.7 lumens
Efficiency: N/A
Efficacy: 86.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 136.6
Input Voltage (V): 120
Input Current (A_{in}): 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

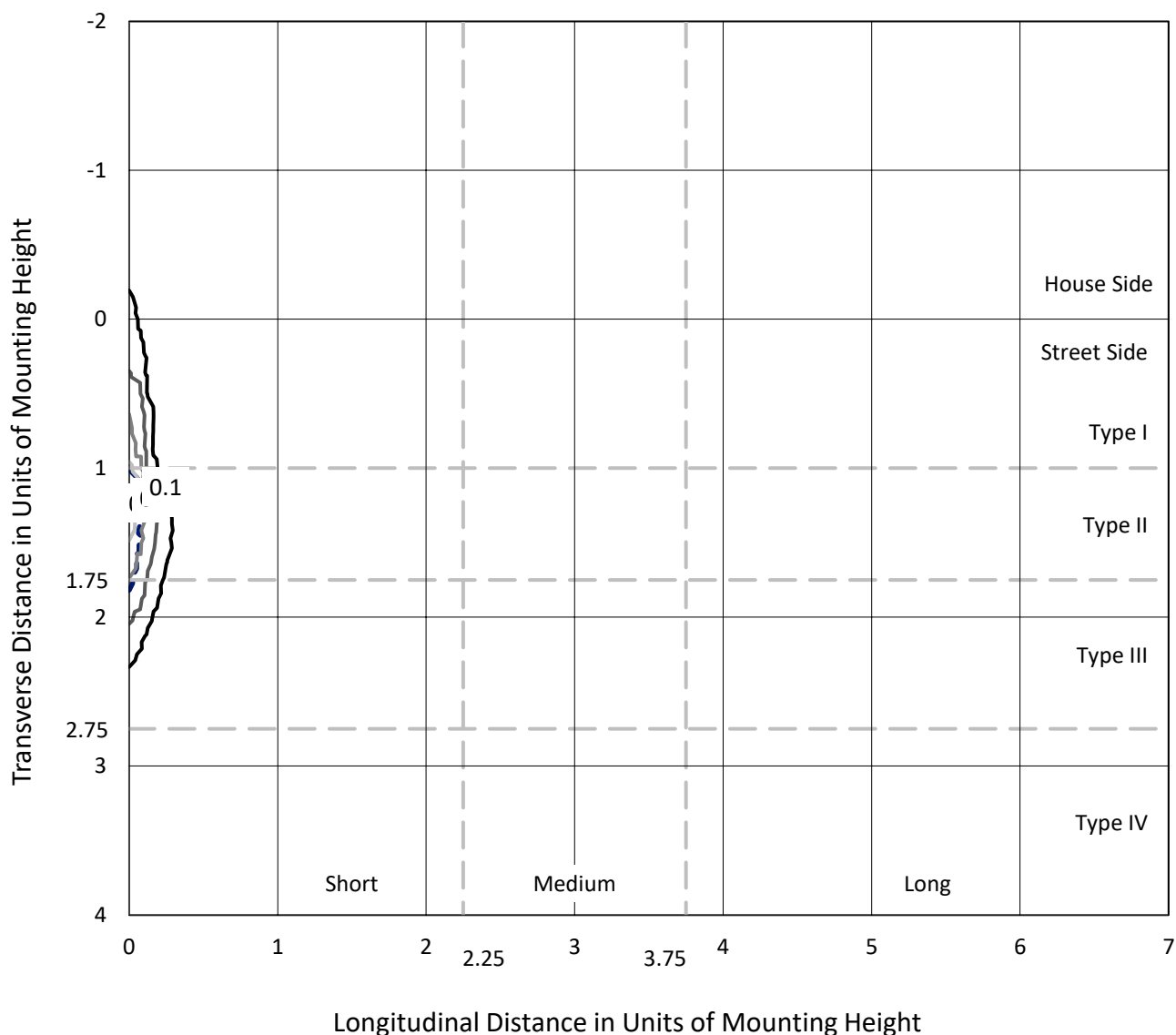
REPORT NUMBER: P1049405

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

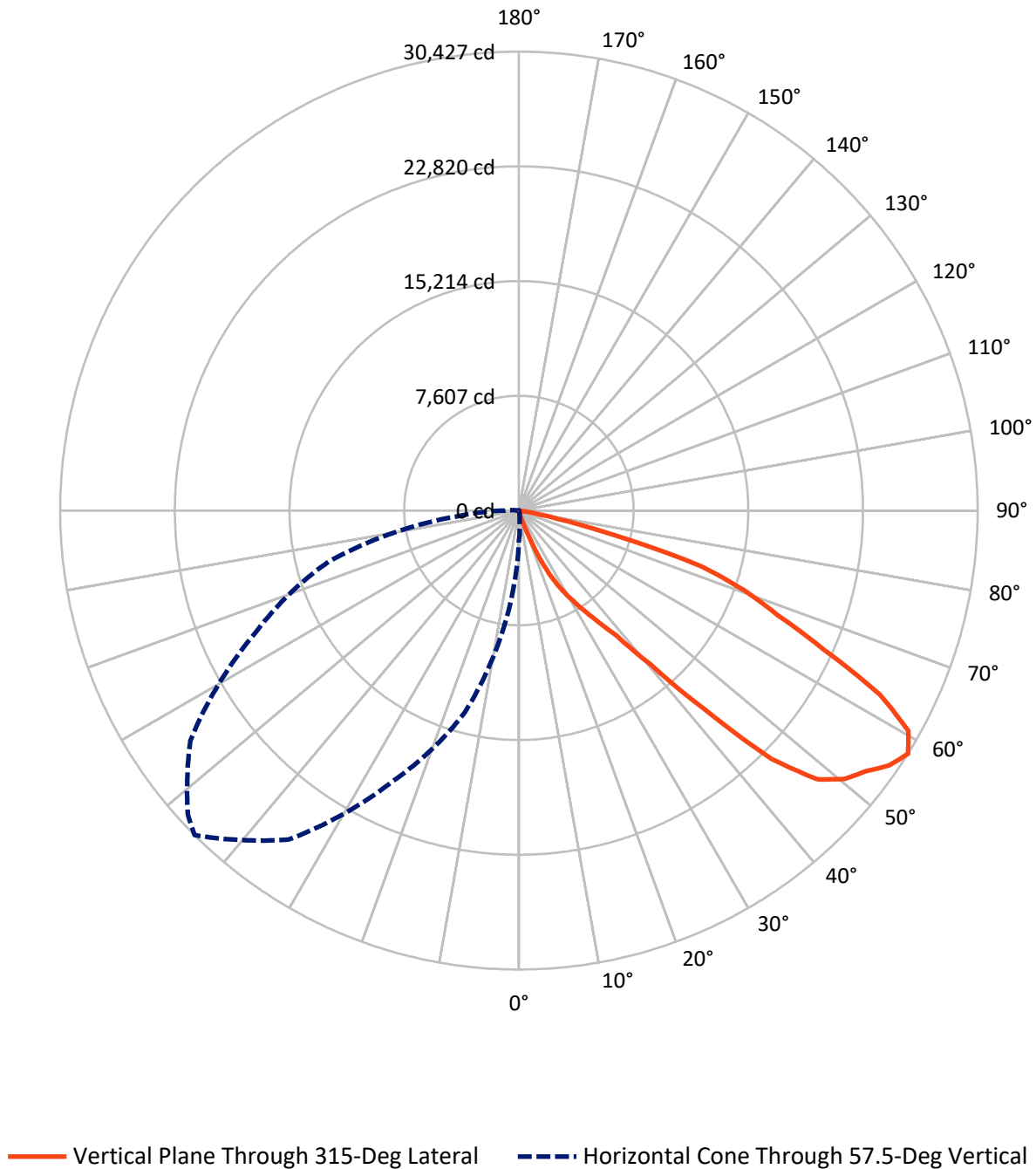


Based on 20 foot mounting height. Maximum calculated value = 1.7 fc

Type III - Short - N/A

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CATALOG NUMBER: GALN-SA5A-940-U-RBC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	59.4	0.0	59.4
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	11806.3	0.0	11806.3
	% Fixture	99.5	0.0	99.5
Total	Lumens	11865.7	0.0	11865.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.6	0.0
10°-20°	26.1	0.2
20°-30°	281.2	2.4
30°-40°	831.6	7.0
40°-50°	2478.3	20.9
50°-60°	3929.6	33.1
60°-70°	3280.3	27.6
70°-80°	1011.5	8.5
80°-90°	22.5	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°	11865.7	100.0
0°-180°	11865.7	100.0



REPORT NUMBER: P1049405

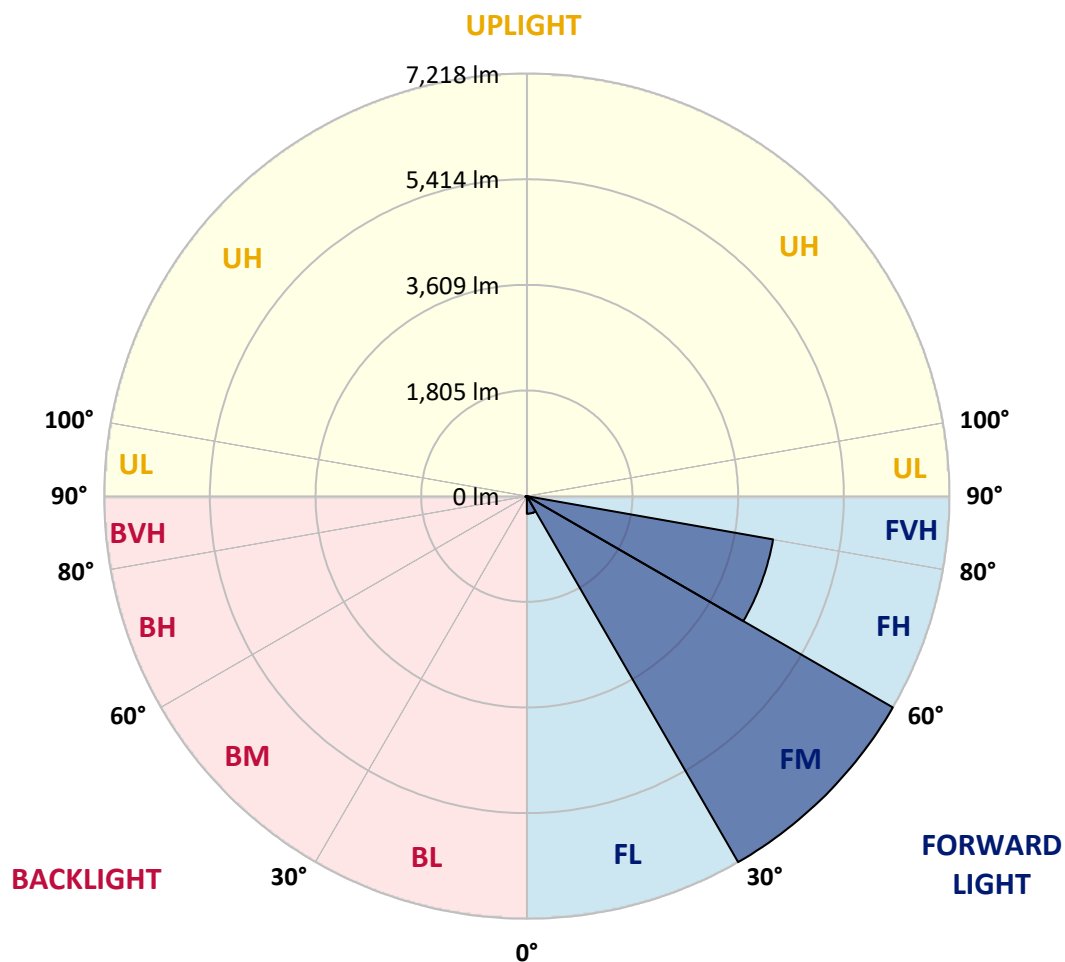
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	301.0	2.5			
FM	(30°-60°)	7218.2	60.8			
FH	(60°-80°)	4269.7	36.0			G2/5000
FVH	(80°-90°)	17.4	0.1			G1/100
BL	(0°-30°)	10.9	0.1	B0/110		
BM	(30°-60°)	21.2	0.2	B0/220		
BH	(60°-80°)	22.2	0.2	B0/110		G0/110
BVH	(80°-90°)	5.1	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-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
2.5°	47.5	47.5	47.5	47.5	46.6	46.6	45.7	45.7	44.8	44.8
5°	50.2	50.2	49.3	48.4	48.4	47.5	46.6	45.7	45.7	44.8
7.5°	54.7	53.8	52.9	52.0	50.2	49.3	47.5	46.6	45.7	43.9
10°	60.1	58.3	56.5	54.7	52.9	51.1	49.3	48.4	46.6	45.7
12.5°	67.3	64.6	61.0	58.3	56.5	53.8	52.0	50.2	47.5	45.7
15°	73.5	69.9	65.5	61.9	59.2	55.6	52.9	50.2	48.4	45.7
17.5°	82.5	76.2	69.0	64.6	61.0	56.5	52.0	49.3	46.6	43.0
20°	97.7	85.2	71.7	66.4	61.0	55.6	50.2	46.6	43.9	40.4
22.5°	121.9	100.4	78.9	70.8	63.7	55.6	48.4	44.8	41.2	37.7
25°	168.6	130.0	91.5	80.7	69.9	59.2	48.4	43.9	40.4	35.9
27.5°	224.2	166.8	108.5	93.3	78.9	63.7	48.4	43.0	38.6	33.2
30°	280.7	204.4	127.3	107.6	87.9	68.1	48.4	42.1	36.8	30.5
32.5°	334.5	239.4	143.5	120.2	96.8	72.6	49.3	42.1	35.0	27.8
35°	389.2	268.1	146.2	121.9	97.7	72.6	48.4	40.4	33.2	25.1
37.5°	459.1	300.4	140.8	116.6	93.3	69.0	45.7	38.6	31.4	23.3
40°	564.9	354.2	143.5	118.4	93.3	68.1	43.0	35.9	29.6	22.4
42.5°	760.4	458.2	155.1	126.4	97.7	68.1	39.5	33.2	27.8	21.5
45°	1314.5	761.3	208.0	165.0	121.9	78.9	35.9	30.5	26.0	20.6
47.5°	2174.4	1274.2	373.9	288.7	204.4	119.3	35.0	30.5	26.0	20.6
50°	2775.2	1623.0	470.8	362.3	253.8	145.3	36.8	31.4	26.9	21.5
52.5°	2770.7	1648.1	524.6	402.6	281.6	159.6	38.6	33.2	28.7	23.3
55°	2463.2	1499.2	534.4	410.7	287.8	164.1	41.2	35.9	30.5	25.1
57.5°	2058.8	1273.3	487.8	377.5	268.1	157.8	47.5	41.2	35.9	29.6
60°	1628.4	1004.3	380.2	300.4	221.5	141.7	62.8	54.7	47.5	39.5
62.5°	1124.4	728.1	331.8	266.3	201.8	136.3	71.7	63.7	56.5	48.4
65°	795.4	547.9	299.5	243.9	189.2	133.6	78.0	69.0	61.0	52.0
67.5°	594.5	435.8	276.2	228.7	181.1	133.6	86.1	75.3	65.5	54.7
70°	455.5	357.8	259.1	220.6	182.9	144.4	105.8	90.6	76.2	61.0
72.5°	371.2	305.8	239.4	211.6	183.8	156.0	128.2	108.5	88.8	68.1
75°	307.6	261.8	216.1	192.8	170.4	147.1	123.7	105.8	88.8	70.8
77.5°	204.4	186.5	167.7	154.2	140.8	126.4	113.0	97.7	83.4	68.1
80°	71.7	69.0	66.4	71.7	77.1	82.5	87.9	77.1	67.3	56.5
82.5°	10.8	9.9	9.0	9.9	10.8	11.7	12.6	13.5	14.3	15.2
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°	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
0.0	2.5°	43.9	43.9	43.0	43.0	43.0	42.1	42.1	41.2	41.2	41.2
0.0	5°	43.0	43.0	42.1	41.2	40.4	40.4	39.5	38.6	38.6	37.7
0.0	7.5°	42.1	41.2	40.4	39.5	38.6	37.7	36.8	35.9	35.9	35.0
0.0	10°	43.0	41.2	40.4	38.6	37.7	36.8	35.0	34.1	33.2	33.2
0.0	12.5°	41.2	40.4	38.6	36.8	35.9	34.1	33.2	31.4	30.5	30.5
0.0	15°	41.2	39.5	36.8	35.0	33.2	32.3	30.5	28.7	27.8	26.9
0.0	17.5°	38.6	36.8	34.1	32.3	30.5	28.7	26.9	25.1	24.2	23.3
0.0	20°	35.0	33.2	30.5	27.8	26.0	24.2	22.4	20.6	19.7	18.8
0.0	22.5°	31.4	29.6	26.9	24.2	22.4	20.6	17.9	16.1	15.2	13.5
0.0	25°	29.6	26.9	24.2	21.5	18.8	17.0	14.3	11.7	9.9	8.1
0.0	27.5°	25.1	22.4	19.7	17.0	14.3	11.7	9.0	6.3	4.5	3.6
0.0	30°	21.5	18.8	16.1	13.5	9.9	7.2	4.5	0.9	0.9	0.9
0.0	32.5°	17.9	15.2	11.7	9.0	7.2	4.5	2.7	0.0	0.0	0.0
0.0	35°	14.3	11.7	8.1	5.4	4.5	2.7	1.8	0.0	0.0	0.0
0.0	37.5°	12.6	9.9	6.3	2.7	1.8	1.8	0.9	0.0	0.0	0.0
0.0	40°	11.7	8.1	4.5	0.9	0.9	0.9	0.0	0.0	0.0	0.0
0.0	42.5°	11.7	8.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	11.7	8.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	11.7	8.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	12.6	9.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	14.3	10.8	7.2	3.6	2.7	1.8	0.9	0.0	0.0	0.0
0.0	55°	17.9	16.1	13.5	11.7	9.0	6.3	2.7	0.0	0.0	0.0
0.0	57.5°	23.3	23.3	22.4	21.5	16.1	10.8	5.4	0.0	0.0	0.0
0.0	60°	31.4	31.4	31.4	31.4	23.3	16.1	8.1	0.0	0.0	0.0
0.0	62.5°	38.6	36.8	34.1	32.3	24.2	16.1	8.1	0.0	0.0	0.0
0.0	65°	38.6	35.0	30.5	26.0	19.7	13.5	6.3	0.0	0.0	0.0
0.0	67.5°	35.9	28.7	20.6	13.5	9.9	7.2	3.6	0.0	0.0	0.0
	70°	35.9	25.1	14.3	3.6	2.7	1.8	0.9	0.0	0.0	0.0
	72.5°	35.9	24.2	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	39.5	26.9	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	39.5	26.9	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	35.0	23.3	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	11.7	8.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
0.0	2.5°	40.4	40.4	40.4	39.5	39.5	39.5	39.5	38.6	38.6	38.6
0.0	5°	36.8	36.8	35.9	35.9	35.0	35.0	34.1	34.1	33.2	33.2
0.0	7.5°	34.1	33.2	33.2	32.3	31.4	31.4	30.5	30.5	29.6	28.7
0.0	10°	31.4	30.5	30.5	29.6	28.7	27.8	27.8	26.9	26.0	25.1
0.0	12.5°	28.7	27.8	26.9	26.0	25.1	24.2	24.2	23.3	22.4	21.5
0.0	15°	25.1	24.2	23.3	22.4	21.5	20.6	20.6	19.7	18.8	17.9
0.0	17.5°	21.5	20.6	20.6	19.7	18.8	17.9	17.0	15.2	14.3	13.5
0.0	20°	16.1	15.2	14.3	13.5	12.6	10.8	9.9	8.1	6.3	5.4
0.0	22.5°	10.8	9.0	8.1	6.3	4.5	3.6	2.7	0.9	0.0	0.0
0.0	25°	3.6	2.7	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049405

CATALOG NUMBER: GALN-SA5A-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049405

CATALOG NUMBER: GALN-SA5A-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°	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
0.0	2.5°	37.7	37.7	37.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8
0.0	5°	32.3	32.3	32.3	31.4	31.4	30.5	30.5	30.5	29.6	29.6
0.0	7.5°	27.8	26.9	26.9	26.0	26.0	25.1	25.1	25.1	24.2	24.2
0.0	10°	23.3	22.4	22.4	21.5	21.5	20.6	20.6	19.7	19.7	18.8
0.0	12.5°	20.6	19.7	18.8	17.9	17.9	17.0	16.1	16.1	15.2	14.3
0.0	15°	16.1	15.2	14.3	13.5	12.6	11.7	10.8	10.8	9.9	9.0
0.0	17.5°	10.8	9.0	8.1	7.2	7.2	6.3	5.4	4.5	3.6	2.7
0.0	20°	2.7	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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



REPORT NUMBER: P1049405

CATALOG NUMBER: GALN-SA5A-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049405

CATALOG NUMBER: GALN-SA5A-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°	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
0.0	2.5°	36.8	35.9	35.9	35.9	36.8	36.8	36.8	36.8	36.8	36.8
0.0	5°	29.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
0.0	7.5°	24.2	23.3	23.3	23.3	23.3	22.4	22.4	22.4	22.4	22.4
0.0	10°	18.8	17.9	17.9	17.9	17.9	17.0	17.0	17.0	17.0	17.0
0.0	12.5°	13.5	13.5	12.6	12.6	12.6	11.7	11.7	11.7	11.7	10.8
0.0	15°	8.1	7.2	6.3	6.3	6.3	5.4	5.4	5.4	5.4	4.5
0.0	17.5°	1.8	1.8	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049405

CATALOG NUMBER: GALN-SA5A-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049405

CATALOG NUMBER: GALN-SA5A-940-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
0.0	2.5°	37.7	37.7	38.6	38.6	39.5	41.2	42.1	43.0	44.8	46.6
0.0	5°	29.6	30.5	30.5	31.4	32.3	33.2	34.1	35.0	36.8	38.6
0.0	7.5°	23.3	23.3	24.2	24.2	25.1	26.9	27.8	28.7	30.5	33.2
0.0	10°	17.9	17.9	18.8	18.8	19.7	21.5	22.4	23.3	25.1	27.8
0.0	12.5°	11.7	12.6	12.6	13.5	14.3	16.1	17.0	17.9	19.7	21.5
0.0	15°	5.4	6.3	6.3	7.2	8.1	9.9	10.8	11.7	13.5	16.1
0.0	17.5°	0.9	0.9	1.8	1.8	2.7	3.6	4.5	5.4	8.1	9.9
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	3.6
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: P1049405

CATALOG NUMBER: GALN-SA5A-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049405

CATALOG NUMBER: GALN-SA5A-940-U-RBC

CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
0.0	2.5°	49.3	51.1	52.9	54.7	56.5	58.3	59.2	61.0	61.9	62.8
0.0	5°	42.1	43.9	46.6	48.4	50.2	52.0	53.8	54.7	55.6	56.5
0.0	7.5°	36.8	38.6	41.2	43.0	44.8	46.6	48.4	50.2	51.1	52.0
0.0	10°	31.4	34.1	35.9	38.6	40.4	42.1	43.9	45.7	47.5	48.4
0.0	12.5°	25.1	27.8	30.5	32.3	35.0	37.7	39.5	41.2	43.0	44.8
0.0	15°	19.7	22.4	25.1	26.9	29.6	32.3	35.0	36.8	38.6	40.4
0.0	17.5°	14.3	17.0	19.7	21.5	24.2	26.9	28.7	31.4	33.2	35.0
0.0	20°	7.2	9.9	12.6	15.2	17.9	20.6	22.4	25.1	26.9	28.7
0.0	22.5°	0.9	3.6	6.3	8.1	10.8	13.5	15.2	17.9	19.7	21.5
0.0	25°	0.0	0.9	2.7	3.6	4.5	6.3	8.1	9.9	11.7	13.5
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.9	1.8	3.6	5.4	7.2
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.9	1.8
	85°	0.0	0.0	0.0	0.0	0.0	1.8	2.7	4.5	5.4	6.3
	87.5°	0.0	0.9	1.8	2.7	3.6	5.4	7.2	9.0	9.9	10.8
	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: P1049405

CATALOG NUMBER: GALN-SA5A-940-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
52.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
0.9											
3.6											
8.1											
11.7											
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REPORT NUMBER: P1049405

CATALOG NUMBER: GALN-SA5A-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°	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
0.0	2.5°	63.7	63.7	63.7	63.7	62.8	62.8	62.8	61.9	61.9	61.0
0.0	5°	58.3	59.2	59.2	59.2	59.2	59.2	59.2	59.2	58.3	58.3
0.0	7.5°	53.8	54.7	55.6	55.6	56.5	56.5	56.5	55.6	55.6	54.7
0.0	10°	51.1	52.0	52.0	52.9	52.9	52.9	52.9	52.9	52.9	52.9
0.0	12.5°	47.5	48.4	49.3	49.3	50.2	50.2	50.2	50.2	49.3	49.3
0.0	15°	43.0	44.8	45.7	46.6	46.6	47.5	47.5	47.5	47.5	47.5
0.0	17.5°	39.5	41.2	42.1	43.0	43.0	43.9	43.9	44.8	44.8	44.8
0.0	20°	32.3	34.1	35.0	36.8	37.7	38.6	39.5	40.4	40.4	41.2
0.0	22.5°	25.1	26.9	27.8	29.6	30.5	31.4	32.3	33.2	34.1	35.0
0.0	25°	17.9	19.7	20.6	22.4	23.3	24.2	25.1	26.0	26.0	26.9
0.0	27.5°	9.9	11.7	13.5	14.3	16.1	17.0	17.9	18.8	19.7	20.6
0.0	30°	4.5	5.4	6.3	8.1	9.0	9.9	10.8	12.6	13.5	14.3
0.0	32.5°	0.0	0.0	0.9	2.7	3.6	4.5	5.4	6.3	6.3	7.2
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.8	2.7	3.6
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	1.8	1.8	1.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7
	82.5°	4.5	5.4	6.3	6.3	7.2	7.2	7.2	7.2	6.3	6.3
	85°	9.0	9.9	10.8	10.8	11.7	11.7	11.7	11.7	11.7	11.7
	87.5°	12.6	13.5	14.3	14.3	15.2	15.2	15.2	15.2	15.2	15.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049405

CATALOG NUMBER: GALN-SA5A-940-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
52.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
2.7											
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15.2											
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REPORT NUMBER: P1049405

CATALOG NUMBER: GALN-SA5A-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°	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
0.0	2.5°	60.1	60.1	59.2	59.2	59.2	59.2	59.2	60.1	61.0	61.0
0.0	5°	57.4	57.4	56.5	56.5	56.5	57.4	57.4	58.3	59.2	60.1
0.0	7.5°	54.7	53.8	53.8	54.7	54.7	55.6	55.6	56.5	57.4	58.3
0.0	10°	52.9	52.0	52.0	52.0	52.9	52.9	53.8	54.7	55.6	56.5
0.0	12.5°	49.3	49.3	49.3	49.3	50.2	50.2	51.1	52.0	53.8	54.7
0.0	15°	47.5	46.6	46.6	46.6	46.6	47.5	47.5	49.3	51.1	52.0
0.0	17.5°	43.9	43.9	43.0	43.0	43.9	43.9	44.8	46.6	48.4	49.3
0.0	20°	40.4	39.5	38.6	38.6	39.5	39.5	40.4	42.1	43.9	44.8
0.0	22.5°	35.0	34.1	34.1	34.1	34.1	35.0	35.0	36.8	39.5	41.2
0.0	25°	27.8	28.7	28.7	29.6	29.6	30.5	31.4	33.2	35.9	37.7
0.0	27.5°	21.5	22.4	22.4	24.2	25.1	26.0	26.9	29.6	32.3	34.1
0.0	30°	16.1	17.0	17.9	18.8	20.6	22.4	24.2	26.9	29.6	31.4
0.0	32.5°	9.9	11.7	12.6	14.3	16.1	17.9	19.7	22.4	26.0	28.7
0.0	35°	7.2	8.1	9.9	10.8	12.6	14.3	16.1	19.7	22.4	26.0
0.0	37.5°	3.6	5.4	7.2	9.0	10.8	12.6	14.3	17.9	21.5	24.2
0.0	40°	2.7	4.5	5.4	7.2	9.9	11.7	13.5	17.0	20.6	24.2
0.0	42.5°	1.8	2.7	3.6	6.3	8.1	10.8	13.5	17.0	20.6	24.2
0.0	45°	1.8	1.8	2.7	5.4	8.1	11.7	14.3	17.9	20.6	24.2
0.0	47.5°	1.8	2.7	3.6	7.2	9.0	11.7	14.3	17.0	20.6	23.3
0.0	50°	2.7	3.6	4.5	8.1	9.9	12.6	14.3	17.9	20.6	24.2
0.0	52.5°	1.8	2.7	3.6	7.2	9.9	13.5	16.1	19.7	23.3	26.0
0.0	55°	0.9	0.9	0.9	5.4	10.8	15.2	20.6	23.3	26.9	29.6
0.0	57.5°	0.0	0.0	0.0	3.6	10.8	17.0	23.3	26.9	30.5	33.2
0.0	60°	0.0	0.0	0.0	3.6	10.8	17.0	23.3	27.8	32.3	36.8
0.0	62.5°	0.0	0.0	0.0	3.6	9.0	14.3	19.7	26.9	35.0	42.1
0.0	65°	0.0	0.0	0.0	2.7	7.2	11.7	16.1	26.9	37.7	47.5
0.0	67.5°	0.0	0.0	0.0	2.7	7.2	10.8	15.2	26.9	37.7	49.3
	70°	0.0	0.0	0.0	2.7	7.2	11.7	16.1	26.9	37.7	48.4
	72.5°	0.0	0.0	0.0	2.7	8.1	12.6	17.9	26.9	35.9	44.8
	75°	0.0	0.0	0.0	3.6	8.1	13.5	18.8	26.9	35.0	42.1
	77.5°	0.0	0.0	0.0	2.7	8.1	12.6	17.9	26.0	34.1	41.2
	80°	2.7	1.8	1.8	4.5	8.1	11.7	15.2	23.3	32.3	40.4
	82.5°	5.4	5.4	4.5	6.3	8.1	10.8	13.5	20.6	28.7	35.9
	85°	10.8	10.8	9.9	10.8	10.8	11.7	12.6	16.1	19.7	23.3
	87.5°	14.3	14.3	13.5	13.5	13.5	12.6	12.6	12.6	12.6	11.7
	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: P1049405

CATALOG NUMBER: GALN-SA5A-940-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
52.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.2											
53.8											
50.2											
49.3											
48.4											
43.0											
26.9											
11.7											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1049405

CATALOG NUMBER: GALN-SA5A-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°	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
0.0	2.5°	62.8	63.7	63.7	64.6	65.5	66.4	66.4	67.3	67.3	67.3
0.0	5°	61.9	63.7	64.6	65.5	66.4	67.3	68.1	69.0	69.9	69.9
0.0	7.5°	61.0	61.9	63.7	64.6	66.4	67.3	69.0	69.9	70.8	71.7
0.0	10°	59.2	61.0	62.8	64.6	66.4	68.1	69.9	71.7	73.5	74.4
0.0	12.5°	57.4	60.1	61.9	63.7	66.4	69.0	70.8	73.5	75.3	77.1
0.0	15°	56.5	58.3	61.0	62.8	66.4	69.9	72.6	76.2	79.8	82.5
0.0	17.5°	53.8	57.4	60.1	62.8	66.4	70.8	74.4	78.0	83.4	88.8
0.0	20°	50.2	52.9	56.5	59.2	64.6	69.0	74.4	78.9	87.0	95.0
0.0	22.5°	46.6	50.2	52.9	56.5	62.8	68.1	74.4	79.8	93.3	105.8
0.0	25°	43.0	47.5	51.1	54.7	61.9	69.0	76.2	83.4	105.8	128.2
0.0	27.5°	41.2	44.8	49.3	52.9	61.9	71.7	80.7	89.7	125.5	160.5
0.0	30°	38.6	43.0	46.6	51.1	62.8	74.4	86.1	97.7	152.4	207.1
0.0	32.5°	35.9	40.4	44.8	49.3	64.6	79.8	94.2	109.4	181.1	252.0
0.0	35°	33.2	38.6	43.0	47.5	67.3	87.9	107.6	127.3	207.1	286.0
0.0	37.5°	32.3	37.7	42.1	46.6	68.1	88.8	110.3	130.9	209.8	288.7
0.0	40°	33.2	37.7	43.0	47.5	65.5	83.4	100.4	118.4	200.9	282.5
0.0	42.5°	33.2	38.6	43.9	49.3	63.7	78.0	92.4	106.7	198.2	289.6
0.0	45°	32.3	37.7	43.0	48.4	61.9	74.4	87.9	100.4	214.3	327.3
0.0	47.5°	31.4	36.8	42.1	47.5	61.0	74.4	87.9	101.3	277.1	451.9
0.0	50°	31.4	36.8	41.2	45.7	61.9	78.9	95.0	111.2	403.5	694.9
0.0	52.5°	33.2	37.7	41.2	44.8	63.7	83.4	102.2	121.1	512.9	903.9
0.0	55°	35.9	38.6	42.1	44.8	68.1	90.6	113.9	136.3	546.1	955.9
0.0	57.5°	39.5	42.1	44.8	47.5	76.2	104.9	132.7	161.4	548.8	935.2
0.0	60°	43.9	47.5	50.2	52.9	83.4	114.8	145.3	175.7	496.8	816.9
0.0	62.5°	53.8	58.3	61.9	66.4	95.9	124.6	154.2	182.9	412.5	642.0
0.0	65°	61.9	65.5	69.0	72.6	101.3	130.9	159.6	188.3	349.7	511.1
0.0	67.5°	63.7	67.3	69.9	73.5	103.1	132.7	161.4	191.0	299.5	407.1
	70°	64.6	69.0	74.4	78.9	109.4	139.9	169.5	200.0	265.4	330.9
	72.5°	61.9	70.8	78.9	87.0	115.7	143.5	172.2	200.0	246.6	293.2
	75°	61.9	74.4	86.1	97.7	119.3	139.9	161.4	182.0	217.9	253.8
	77.5°	65.5	81.6	97.7	113.9	126.4	138.1	150.6	162.3	185.6	208.9
	80°	65.5	82.5	98.6	115.7	121.1	127.3	132.7	138.1	140.8	143.5
	82.5°	56.5	69.9	83.4	96.8	90.6	84.3	78.0	71.7	67.3	61.9
	85°	28.7	31.4	33.2	35.0	32.3	29.6	26.9	24.2	22.4	19.7
	87.5°	11.7	11.7	10.8	10.8	10.8	10.8	9.9	9.9	9.9	9.9
	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: P1049405

CATALOG NUMBER: GALN-SA5A-940-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
52.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.6	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
79.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
191.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
265.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
359.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
449.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
510.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
555.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
601.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
691.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
870.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1327.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2032.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2559.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2617.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2361.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1578.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1192.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
880.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
623.2											
463.6											
337.2											
253.8											
142.6											
64.6											
18.8											
9.0											
0.0											
0.0											
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REPORT NUMBER: P1049405

CATALOG NUMBER: GALN-SA5A-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°	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
0.0	2.5°	67.3	66.4	66.4	65.5	64.6	63.7	62.8	61.9	61.0	60.1
0.0	5°	69.9	69.9	69.9	69.0	69.0	68.1	68.1	67.3	66.4	65.5
0.0	7.5°	72.6	73.5	73.5	74.4	74.4	74.4	74.4	73.5	73.5	73.5
0.0	10°	77.1	78.0	78.9	79.8	80.7	81.6	81.6	82.5	82.5	82.5
0.0	12.5°	82.5	85.2	87.0	89.7	91.5	94.2	95.9	98.6	100.4	102.2
0.0	15°	90.6	95.0	100.4	104.9	109.4	115.7	122.8	129.1	135.4	145.3
0.0	17.5°	102.2	116.6	130.9	144.4	158.7	190.1	221.5	252.0	283.4	329.1
0.0	20°	124.6	167.7	209.8	252.9	295.0	405.3	514.7	625.0	734.4	851.8
0.0	22.5°	174.9	280.7	386.5	492.3	598.1	828.5	1058.1	1288.5	1518.1	1788.0
0.0	25°	253.8	448.3	642.9	836.6	1031.2	1391.6	1753.0	2113.5	2473.9	2824.5
0.0	27.5°	369.4	667.1	964.8	1261.6	1559.3	2048.0	2537.6	3026.3	3515.0	3911.3
0.0	30°	512.0	915.5	1319.0	1722.5	2126.0	2682.0	3237.9	3793.0	4348.9	4782.0
0.0	32.5°	646.5	1140.6	1634.6	2127.8	2621.9	3254.9	3888.9	4522.0	5155.0	5628.5
0.0	35°	734.4	1331.6	1929.7	2526.8	3124.0	3809.1	4494.2	5178.3	5863.4	6404.1
0.0	37.5°	822.3	1511.8	2200.5	2890.0	3578.7	4331.0	5083.3	5835.6	6587.9	7255.9
0.0	40°	920.9	1729.7	2537.6	3346.4	4154.3	5045.6	5936.0	6827.3	7717.7	8660.1
0.0	42.5°	1092.2	2091.1	3090.9	4089.8	5088.7	6267.8	7446.9	8625.2	9804.3	11149.3
0.0	45°	1414.1	2821.9	4230.5	5638.3	7046.1	8608.1	10171.0	11733.1	13295.1	15084.9
0.0	47.5°	2202.2	4139.1	6075.0	8011.8	9947.8	11634.4	13320.2	15006.8	16692.6	18475.2
0.0	50°	3369.7	5624.0	7878.2	10131.6	12385.8	13912.0	15437.2	16963.4	18488.7	20184.3
0.0	52.5°	4214.4	6562.8	8912.1	11260.5	13608.9	14986.2	16364.4	17741.7	19119.0	20703.5
0.0	55°	4278.1	6613.0	8948.9	11283.8	13618.8	15002.4	16385.9	17769.5	19153.1	20832.6
0.0	57.5°	3787.6	6103.7	8418.9	10735.1	13050.3	14625.8	16200.3	17775.8	19350.4	21166.1
0.0	60°	3221.8	5538.8	7854.9	10171.9	12488.1	14302.9	16118.7	17933.6	19748.5	21449.5
0.0	62.5°	2513.4	4896.8	7281.0	9664.4	12047.8	13890.5	15733.2	17574.9	19417.6	20693.6
0.0	65°	1873.2	4187.5	6501.8	8815.3	11129.6	12605.5	14081.5	15556.5	17032.4	17822.4
0.0	67.5°	1354.0	3350.0	5345.1	7341.1	9336.2	10392.5	11448.8	12504.2	13560.5	14164.9
	70°	915.5	2298.2	3680.0	5062.7	6444.4	7312.4	8181.3	9049.3	9917.3	10733.3
	72.5°	634.0	1410.5	2187.9	2964.4	3741.0	4614.3	5486.8	6360.2	7232.6	8096.1
	75°	420.5	773.8	1128.0	1481.3	1834.6	2481.1	3128.5	3775.0	4421.5	4936.2
	77.5°	298.6	404.4	511.1	616.9	722.7	843.8	965.7	1086.8	1207.8	1391.6
	80°	141.7	155.1	168.6	181.1	194.6	238.5	282.5	326.4	370.3	417.0
	82.5°	67.3	72.6	78.0	82.5	87.9	92.4	96.8	101.3	105.8	101.3
	85°	17.9	17.9	18.8	18.8	18.8	18.8	18.8	18.8	18.8	17.9
	87.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	7.2	7.2	6.3
	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: P1049405

CATALOG NUMBER: GALN-SA5A-940-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
52.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
373.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
970.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2057.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3175.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4307.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5216.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6102.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6944.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7924.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9602.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12494.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16874.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20257.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21879.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22287.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22513.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22981.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23149.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21970.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18613.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14770.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11548.3											
8959.6											
5450.9											
1575.5											
463.6											
95.9											
17.0											
6.3											
0.0											
0.0											
0.0											
0.0											
0.0											
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REPORT NUMBER: P1049405

CATALOG NUMBER: GALN-SA5A-940-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
0.0	2.5°	58.3	57.4	56.5	55.6	54.7	52.9	52.9	52.0	52.0
0.0	5°	63.7	62.8	61.9	61.0	61.0	60.1	59.2	59.2	58.3
0.0	7.5°	72.6	71.7	70.8	69.9	69.9	69.0	69.0	68.1	68.1
0.0	10°	83.4	83.4	83.4	83.4	83.4	82.5	82.5	82.5	81.6
0.0	12.5°	104.9	105.8	107.6	109.4	112.1	112.1	112.1	111.2	111.2
0.0	15°	165.9	175.7	182.9	190.1	196.4	210.7	208.9	206.2	204.4
0.0	17.5°	419.6	464.5	488.7	512.0	536.2	602.6	591.8	581.0	571.2
0.0	20°	1087.7	1205.1	1283.1	1361.2	1440.1	1564.7	1534.2	1503.7	1473.2
0.0	22.5°	2326.9	2596.8	2714.3	2831.7	2948.3	3098.9	3001.2	2903.5	2806.6
0.0	25°	3524.9	3875.5	4073.6	4271.8	4469.1	4555.1	4427.8	4299.6	4172.3
0.0	27.5°	4704.0	5100.3	5275.2	5449.1	5624.0	5804.2	5646.4	5487.7	5329.9
0.0	30°	5649.1	6082.2	6271.4	6459.7	6648.9	6774.4	6611.2	6447.1	6283.9
0.0	32.5°	6576.3	7049.7	7256.8	7464.0	7670.2	7850.4	7649.6	7447.8	7247.0
0.0	35°	7484.6	8025.3	8310.4	8595.6	8880.7	9048.4	8809.9	8570.5	8332.0
0.0	37.5°	8592.9	9260.9	9580.1	9899.4	10218.6	10524.3	10261.6	9998.0	9735.3
0.0	40°	10545.0	11487.4	11977.0	12467.4	12957.0	13351.6	13019.8	12688.0	12356.3
0.0	42.5°	13839.4	15184.4	15888.3	16591.3	17295.2	17911.2	17562.4	17213.6	16864.8
0.0	45°	18664.4	20454.2	21312.3	22169.5	23027.6	23477.8	22975.6	22472.6	21970.5
0.0	47.5°	22039.5	23822.1	24586.1	25350.1	26114.0	26627.8	26013.6	25399.4	24786.0
0.0	50°	23574.6	25270.2	26036.9	26802.7	27569.3	27977.3	27268.0	26557.9	25848.6
0.0	52.5°	23871.4	25455.9	26370.5	27286.0	28200.6	28745.8	27908.3	27069.9	26232.4
0.0	55°	24192.4	25871.9	26932.7	27994.4	29055.1	29810.1	28863.2	27915.5	26968.6
0.0	57.5°	24796.8	26612.6	27670.7	28727.8	29785.9	30427.1	29477.5	28527.0	27577.4
0.0	60°	24850.6	26550.7	27459.9	28370.1	29279.3	29682.8	28774.5	27865.2	26956.9
0.0	62.5°	23246.4	24522.4	25153.7	25784.9	26416.2	26854.7	25906.9	24958.2	24010.4
0.0	65°	19403.3	20193.2	20696.3	21199.3	21702.4	22225.1	21357.1	20489.1	19621.2
0.0	67.5°	15374.5	15978.8	16641.5	17304.1	17966.8	18525.4	17830.5	17134.7	16439.7
	70°	12364.3	13179.4	13924.5	14669.7	15414.8	15872.1	15174.5	14476.0	13778.4
	72.5°	9823.1	10686.6	11308.9	11930.3	12552.6	12664.7	12151.8	11638.9	11126.9
	75°	5964.7	6479.4	6492.0	6503.6	6516.2	6622.9	6197.9	5772.8	5348.7
	77.5°	1759.3	1943.1	2094.6	2245.3	2396.8	2579.7	2423.7	2266.8	2110.8
	80°	509.3	555.9	595.4	634.0	673.4	650.1	613.3	576.6	539.8
	82.5°	91.5	86.1	85.2	84.3	84.3	79.8	72.6	65.5	58.3
	85°	16.1	15.2	14.3	13.5	12.6	11.7	9.9	9.0	7.2
	87.5°	5.4	4.5	3.6	2.7	2.7	0.9	0.9	0.9	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049405

CATALOG NUMBER: GALN-SA5A-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049405

CATALOG NUMBER: GALN-SA5A-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°	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
0.0	0.0	2.5°	51.1	50.2	50.2	50.2	50.2	49.3	49.3	49.3	49.3
0.0	0.0	5°	56.5	56.5	55.6	55.6	54.7	54.7	53.8	53.8	52.9
0.0	0.0	7.5°	66.4	65.5	64.6	63.7	62.8	61.0	60.1	59.2	59.2
0.0	0.0	10°	79.8	78.0	77.1	75.3	74.4	72.6	70.8	69.0	67.3
0.0	0.0	12.5°	104.9	101.3	98.6	95.0	91.5	88.8	85.2	82.5	78.9
0.0	0.0	15°	182.0	173.1	163.2	151.5	139.0	127.3	114.8	107.6	99.5
0.0	0.0	17.5°	465.4	418.7	371.2	332.7	294.1	256.5	217.9	190.1	162.3
0.0	0.0	20°	1184.5	1055.4	926.3	798.9	670.7	543.4	415.2	350.6	286.0
0.0	0.0	22.5°	2229.1	1989.7	1749.4	1517.2	1284.0	1051.8	819.6	673.4	528.1
0.0	0.0	25°	3440.6	3139.3	2838.0	2456.0	2073.1	1691.1	1309.2	1071.5	833.9
0.0	0.0	27.5°	4477.1	4130.1	3783.1	3318.6	2854.1	2389.7	1925.2	1571.0	1217.7
0.0	0.0	30°	5374.7	5001.7	4628.7	4088.0	3547.3	3006.6	2465.9	2022.9	1580.0
0.0	0.0	32.5°	6153.0	5706.5	5259.9	4702.2	4144.5	3586.7	3029.0	2485.6	1942.2
0.0	0.0	35°	7050.6	6529.6	6007.8	5389.0	4769.4	4150.7	3532.0	2918.7	2304.5
0.0	0.0	37.5°	8191.2	7551.8	6911.6	6222.1	5532.5	4843.9	4154.3	3453.1	2751.9
0.0	0.0	40°	10374.6	9549.6	8724.7	7848.6	6971.7	6095.6	5219.6	4358.8	3498.0
0.0	0.0	42.5°	14286.8	13172.2	12057.7	10892.0	9725.4	8559.7	7393.1	6179.0	4964.0
0.0	0.0	45°	18702.1	17319.4	15935.8	14627.5	13318.4	12010.1	10701.9	9035.8	7369.8
0.0	0.0	47.5°	21185.0	19692.0	18199.0	16960.7	15722.4	14484.1	13245.8	11449.7	9653.7
0.0	0.0	50°	22098.7	20578.8	19058.9	17919.3	16778.7	15639.0	14498.4	12699.7	10900.0
0.0	0.0	52.5°	22293.3	20742.9	19192.5	18045.7	16898.8	15752.9	14606.0	12818.9	11031.9
0.0	0.0	55°	22693.2	21029.8	19365.6	18058.2	16750.9	15443.5	14136.2	12320.4	10504.6
0.0	0.0	57.5°	23216.0	21510.5	19805.0	18315.6	16826.2	15337.7	13848.3	11863.1	9877.8
0.0	0.0	60°	23078.8	21594.8	20109.9	18514.7	16918.6	15323.4	13727.3	11543.9	9359.5
0.0	0.0	62.5°	20697.2	19515.4	18332.6	17020.8	15708.0	14396.2	13084.4	10836.4	8588.4
0.0	0.0	65°	17027.1	16164.5	15301.9	14246.5	13190.2	12134.8	11079.4	9063.6	7048.8
0.0	0.0	67.5°	13799.9	12827.9	11855.0	11013.9	10171.9	9330.9	8488.9	6902.6	5316.4
		70°	10963.7	9906.5	8848.4	8027.1	7204.8	6383.5	5562.1	4507.6	3454.0
		72.5°	8706.8	7753.6	6800.4	5924.4	5047.4	4171.4	3294.4	2671.2	2048.0
		75°	4161.5	3780.4	3399.3	2941.1	2482.9	2024.7	1566.5	1294.8	1024.0
		77.5°	1542.3	1337.0	1130.7	944.2	757.7	572.1	385.6	353.3	321.0
		80°	399.0	347.9	295.9	259.1	221.5	184.7	148.0	133.6	120.2
		82.5°	45.7	42.1	39.5	37.7	35.0	33.2	30.5	27.8	25.1
		85°	2.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049405
CATALOG NUMBER: GALN-SA5A-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049405

CATALOG NUMBER: GALN-SA5A-940-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	52.0	52.0
0.0	0.0	2.5°	48.4	47.5
0.0	0.0	5°	51.1	50.2
0.0	0.0	7.5°	56.5	54.7
0.0	0.0	10°	61.9	60.1
0.0	0.0	12.5°	69.9	67.3
0.0	0.0	15°	78.9	73.5
0.0	0.0	17.5°	94.2	82.5
0.0	0.0	20°	127.3	97.7
0.0	0.0	22.5°	179.3	121.9
0.0	0.0	25°	263.6	168.6
0.0	0.0	27.5°	366.7	224.2
0.0	0.0	30°	487.8	280.7
0.0	0.0	32.5°	594.5	334.5
0.0	0.0	35°	733.5	389.2
0.0	0.0	37.5°	904.8	459.1
0.0	0.0	40°	1170.2	564.9
0.0	0.0	42.5°	1648.1	760.4
0.0	0.0	45°	2676.6	1314.5
0.0	0.0	47.5°	4118.5	2174.4
0.0	0.0	50°	5038.4	2775.2
0.0	0.0	52.5°	5113.8	2770.7
0.0	0.0	55°	4668.1	2463.2
0.0	0.0	57.5°	3983.1	2058.8
0.0	0.0	60°	3310.5	1628.4
0.0	0.0	62.5°	2608.4	1124.4
0.0	0.0	65°	1906.3	795.4
0.0	0.0	67.5°	1369.2	594.5
		70°	900.3	455.5
		72.5°	586.4	371.2
		75°	394.5	307.6
		77.5°	230.4	204.4
		80°	81.6	71.7
		82.5°	15.2	10.8
		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: P1049405

CATALOG NUMBER: GALN-SA5A-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

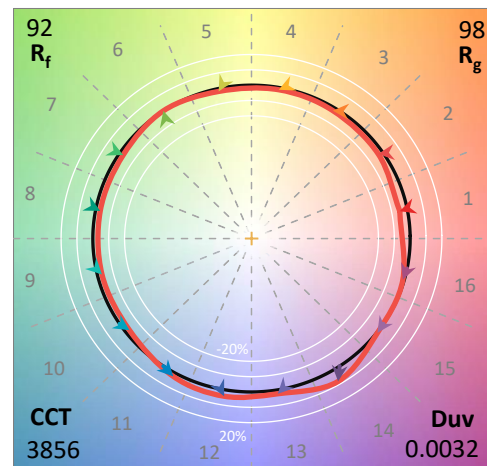
Test Information

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

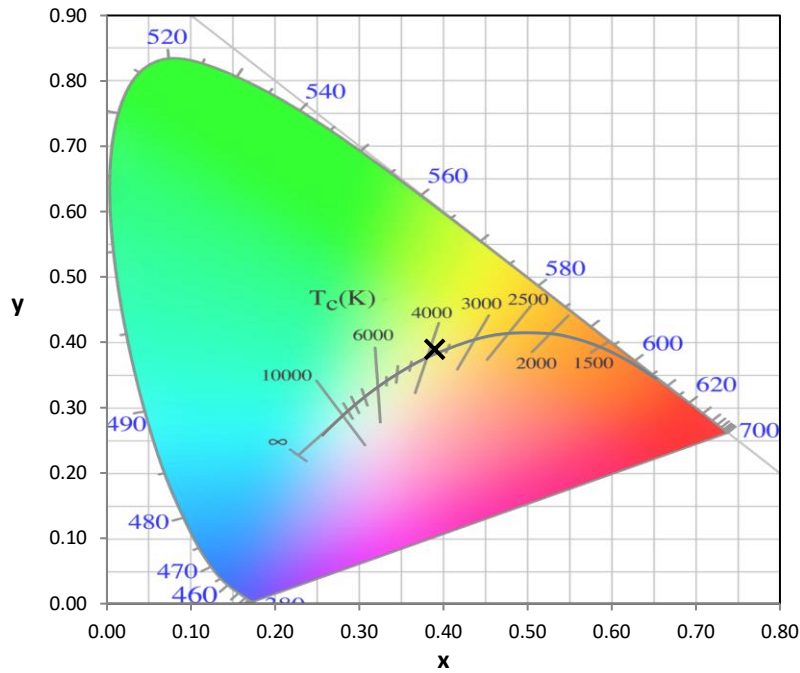
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-16

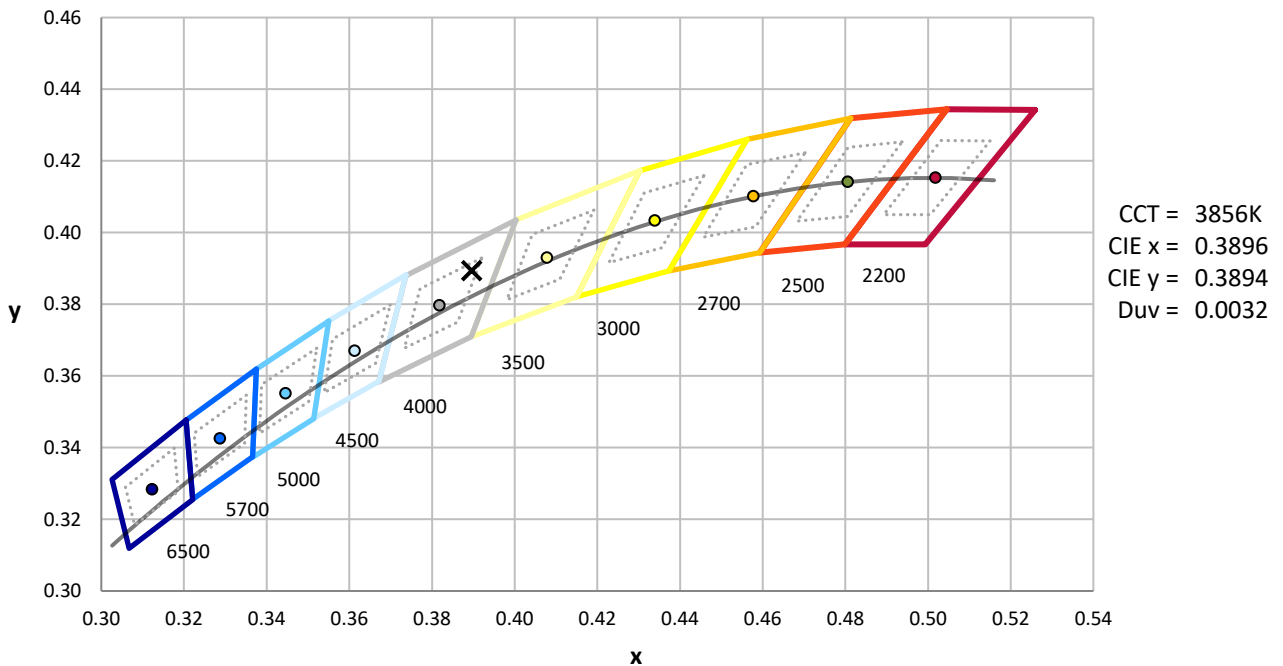
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



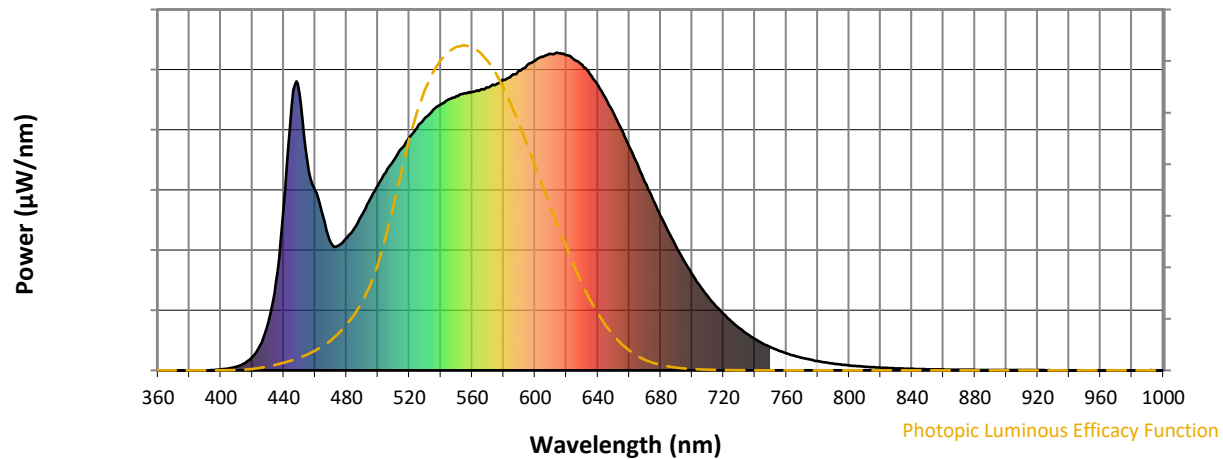
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-16

Photopic Flux vs. Wavelength

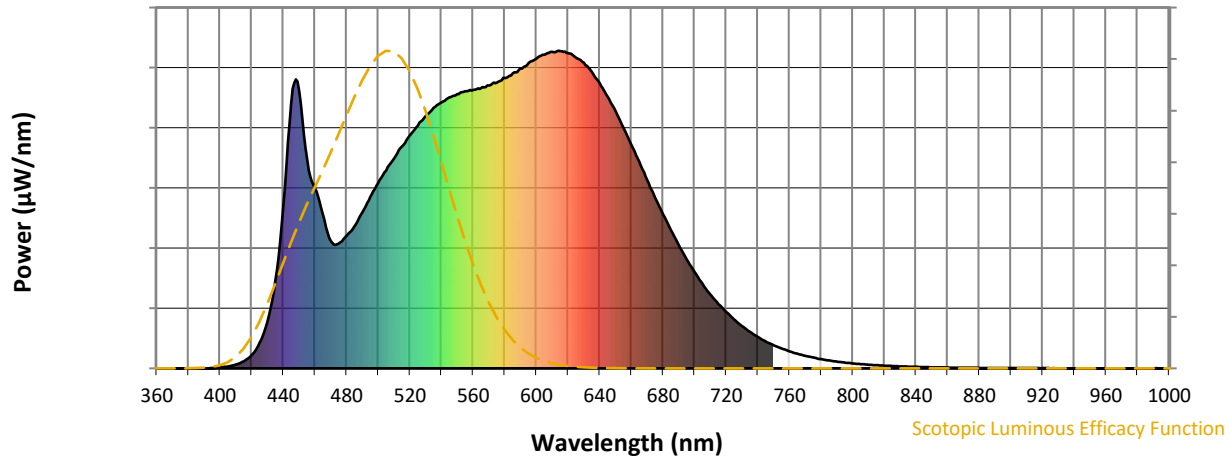


Photopic Lumens: NR

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



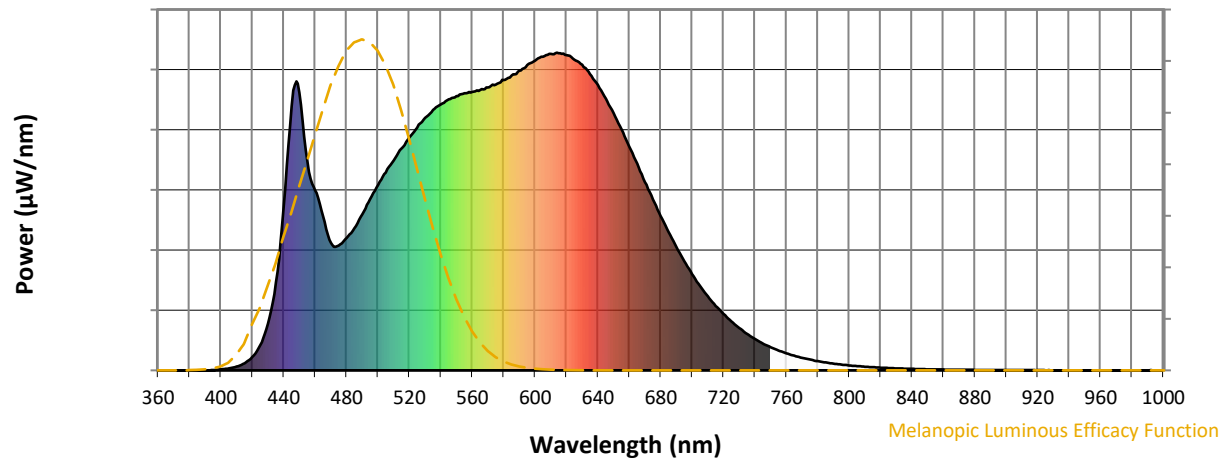
Scotopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-16

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.52

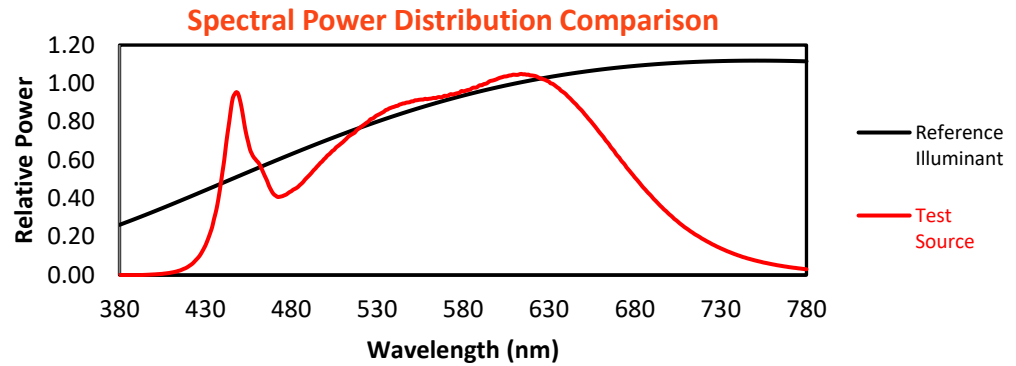
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	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

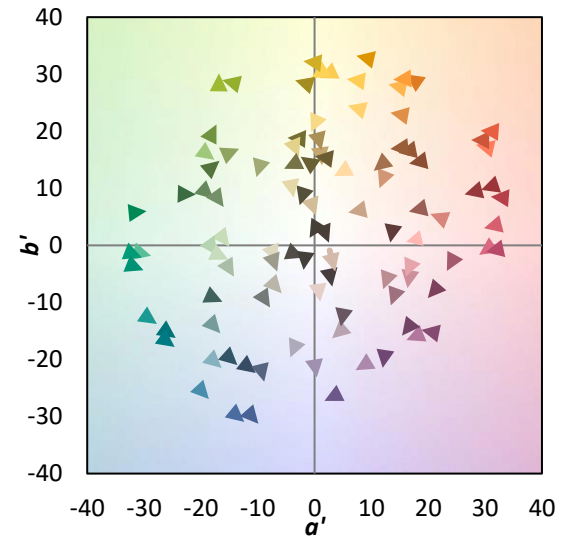
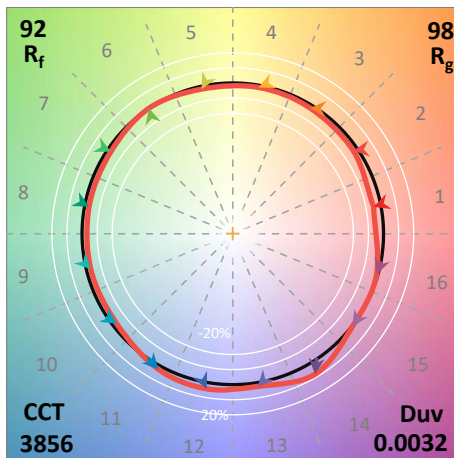
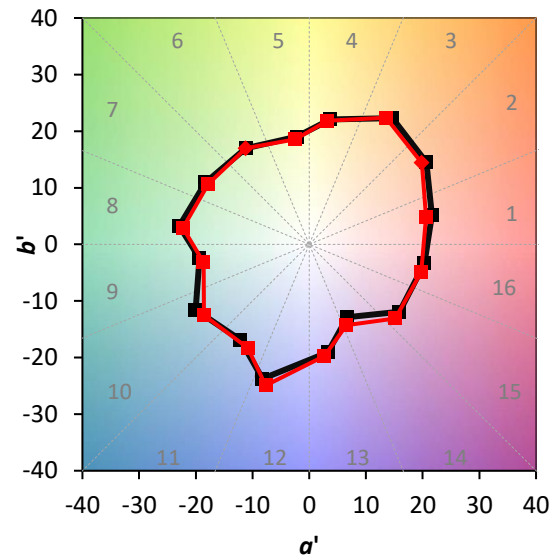
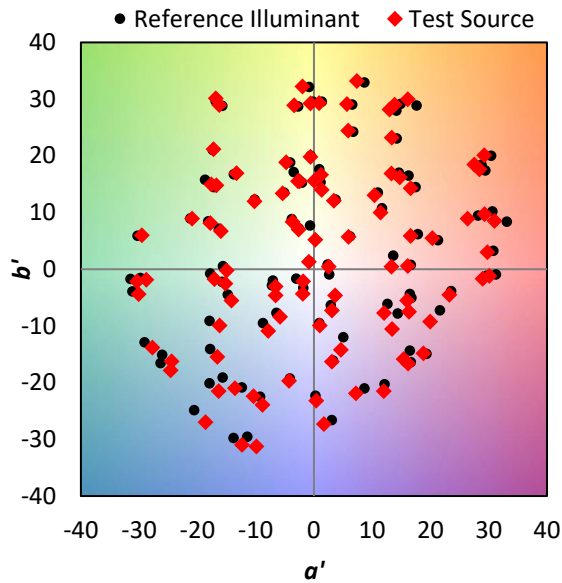
TM-30-18

Summary

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

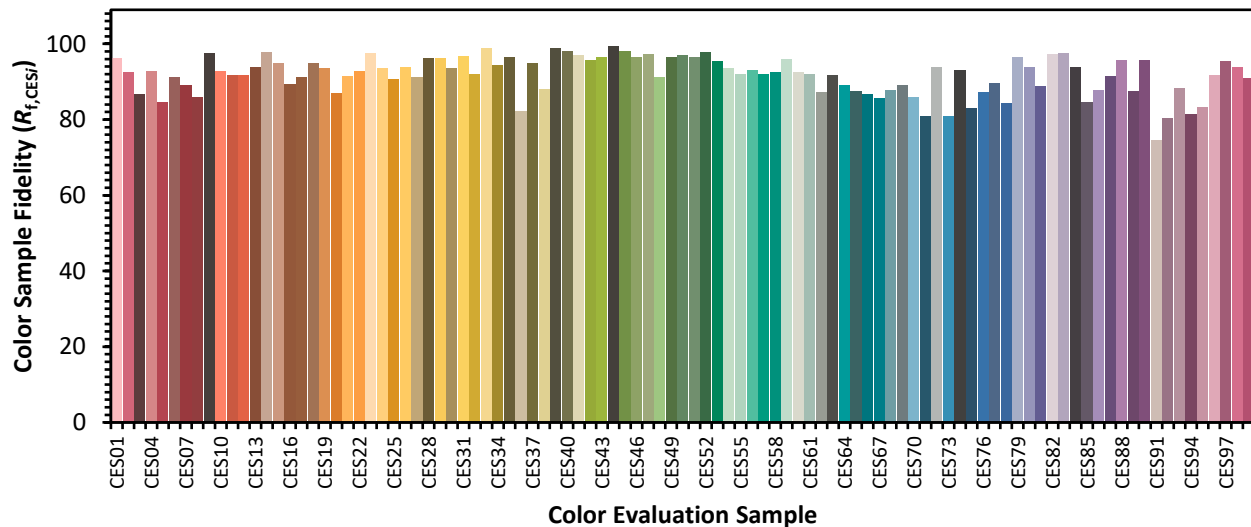


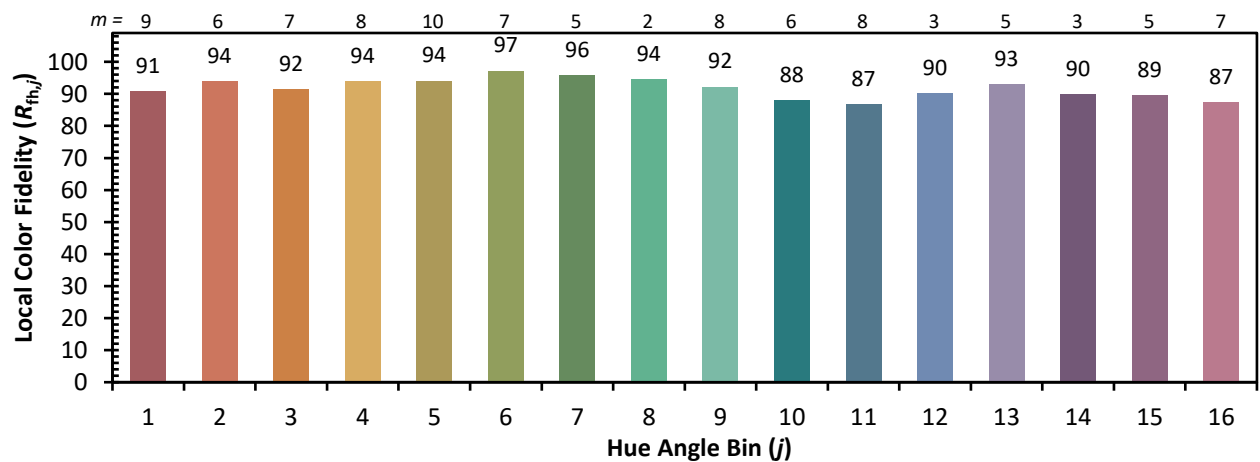
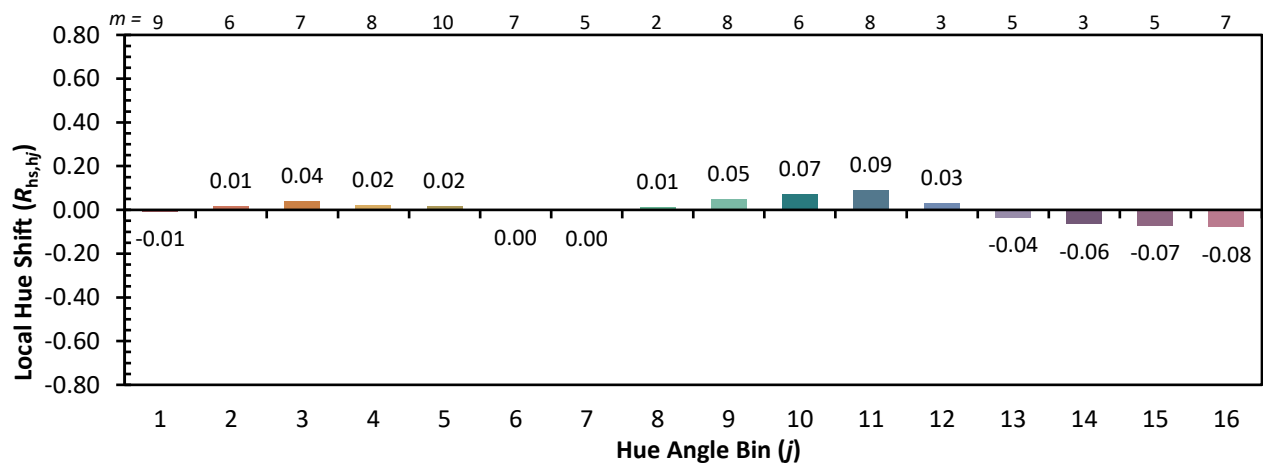
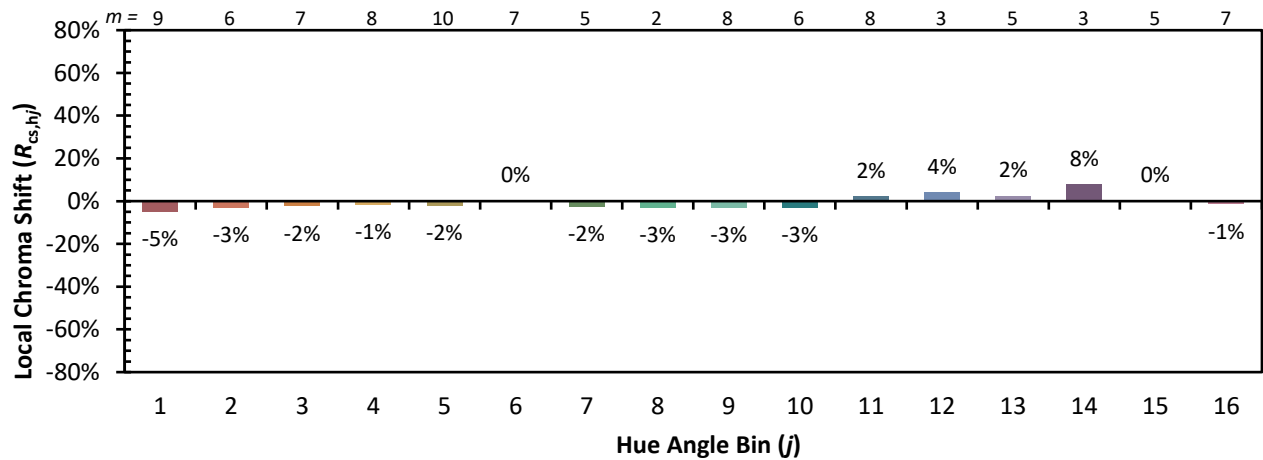
Color Vector Graphics



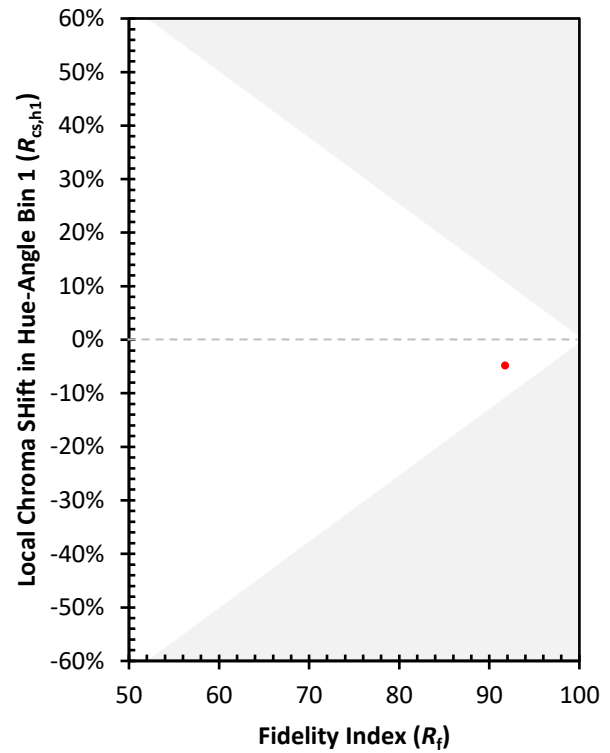
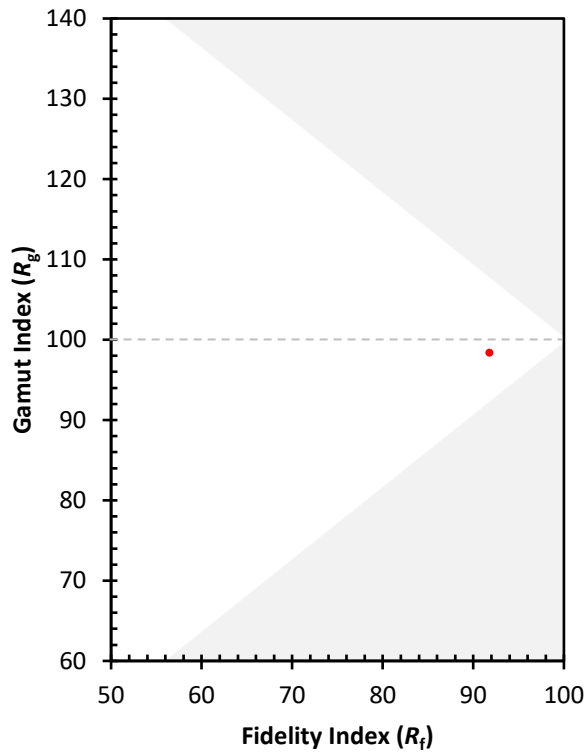
Individual Sample Fidelity Index ($R_{f,i}$)

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)