

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: P1049251

Luminaire Tested: **GALN-SA2C-850-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049251
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2C-850-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 2xLight Square PACKAGE
80CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (28) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9437.3 lumens
Efficiency: N/A
Efficacy: 98.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 96.2
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

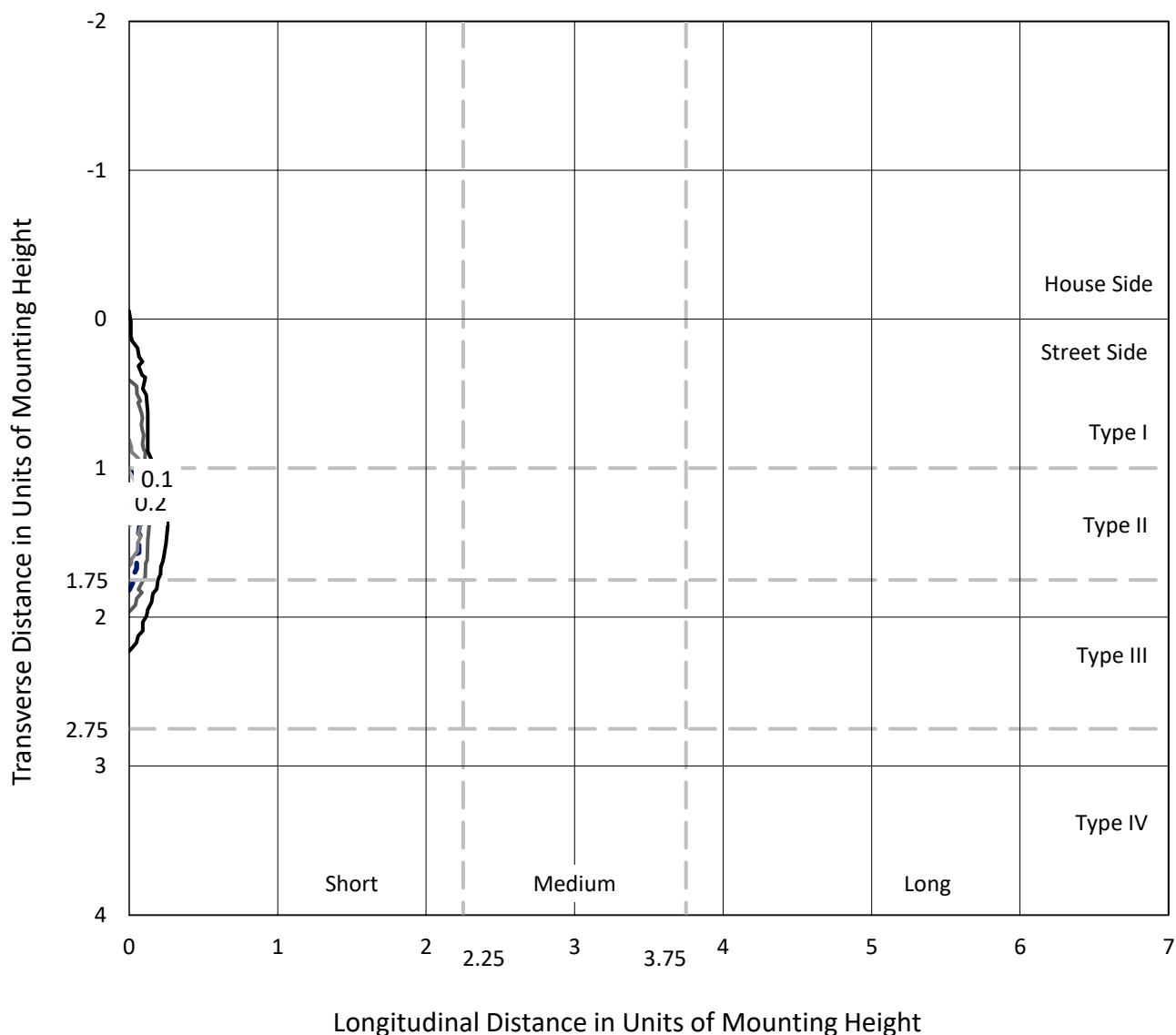
REPORT NUMBER: P1049251

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

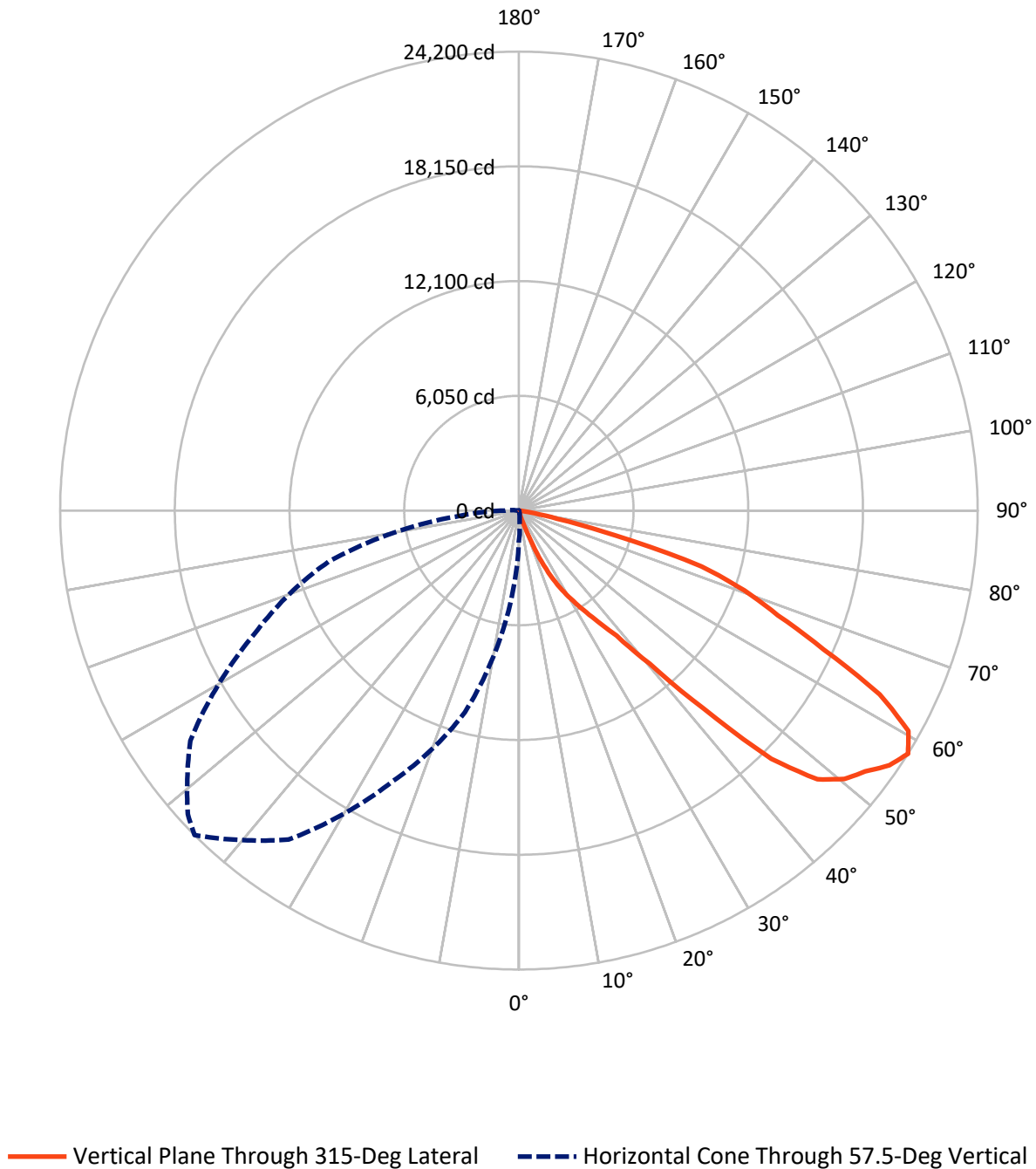


Based on 20 foot mounting height. Maximum calculated value = 1.4 fc

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	47.3	0.0	47.3
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	9390.0	0.0	9390.0
	% Fixture	99.5	0.0	99.5
Total	Lumens	9437.3	0.0	9437.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.7	0.0
10°-20°	20.7	0.2
20°-30°	223.7	2.4
30°-40°	661.4	7.0
40°-50°	1971.1	20.9
50°-60°	3125.4	33.1
60°-70°	2608.9	27.6
70°-80°	804.5	8.5
80°-90°	17.9	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	9437.3	100.0
0°-180°	9437.3	100.0



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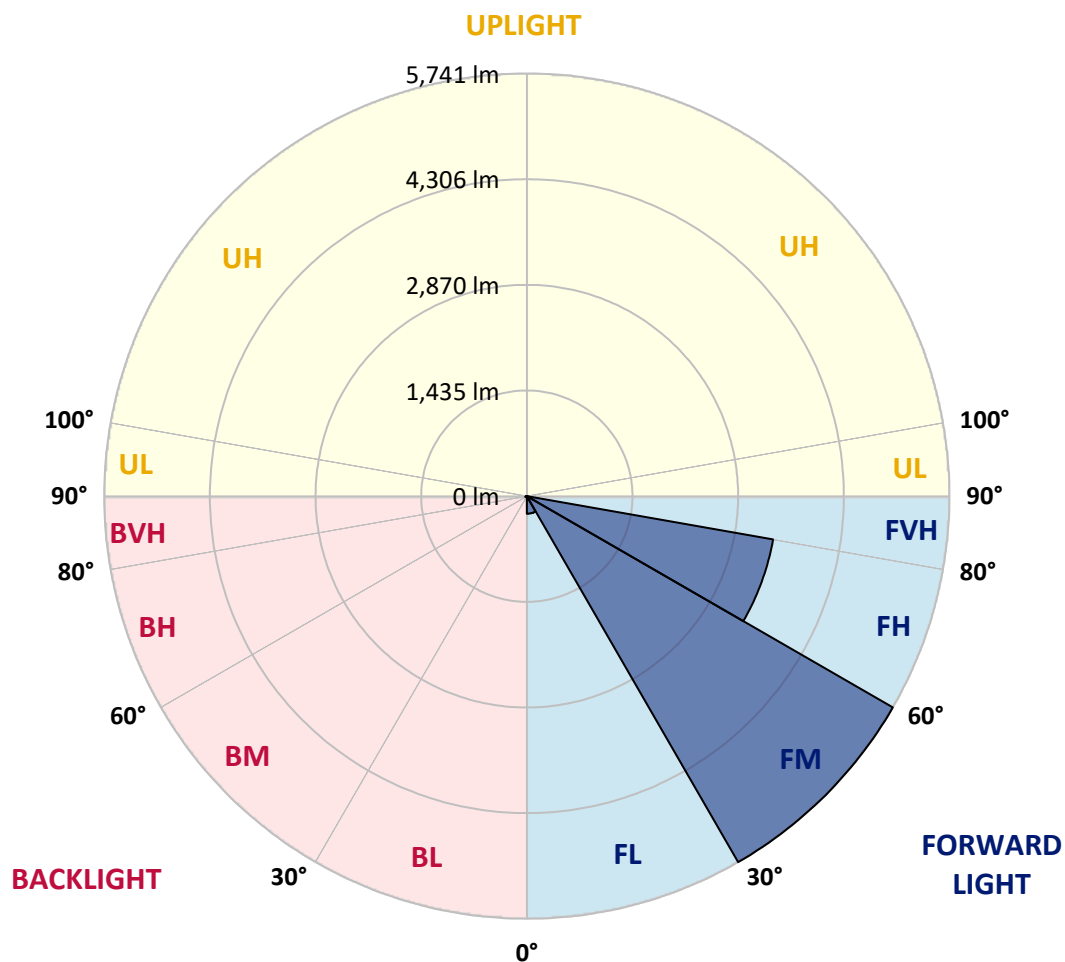
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	239.4	2.5			
FM	(30°-60°)	5740.9	60.8			
FH	(60°-80°)	3395.8	36.0			G2/5000
FVH	(80°-90°)	13.8	0.1			G1/100
BL	(0°-30°)	8.7	0.1	B0/110		
BM	(30°-60°)	16.9	0.2	B0/220		
BH	(60°-80°)	17.6	0.2	B0/110		G0/110
BVH	(80°-90°)	4.1	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°	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
2.5°	37.8	37.8	37.8	37.8	37.1	37.1	36.4	36.4	35.7	35.7
5°	39.9	39.9	39.2	38.5	38.5	37.8	37.1	36.4	36.4	35.7
7.5°	43.5	42.8	42.1	41.4	39.9	39.2	37.8	37.1	36.4	34.9
10°	47.8	46.4	44.9	43.5	42.1	40.7	39.2	38.5	37.1	36.4
12.5°	53.5	51.3	48.5	46.4	44.9	42.8	41.4	39.9	37.8	36.4
15°	58.5	55.6	52.1	49.2	47.1	44.2	42.1	39.9	38.5	36.4
17.5°	65.6	60.6	54.9	51.3	48.5	44.9	41.4	39.2	37.1	34.2
20°	77.7	67.8	57.1	52.8	48.5	44.2	39.9	37.1	34.9	32.1
22.5°	97.0	79.9	62.8	56.3	50.6	44.2	38.5	35.7	32.8	30.0
25°	134.1	103.4	72.7	64.2	55.6	47.1	38.5	34.9	32.1	28.5
27.5°	178.3	132.6	86.3	74.2	62.8	50.6	38.5	34.2	30.7	26.4
30°	223.2	162.6	101.3	85.6	69.9	54.2	38.5	33.5	29.2	24.2
32.5°	266.0	190.4	114.1	95.6	77.0	57.8	39.2	33.5	27.8	22.1
35°	309.5	213.2	116.2	97.0	77.7	57.8	38.5	32.1	26.4	20.0
37.5°	365.1	238.9	112.0	92.7	74.2	54.9	36.4	30.7	25.0	18.5
40°	449.3	281.7	114.1	94.1	74.2	54.2	34.2	28.5	23.5	17.8
42.5°	604.8	364.4	123.4	100.6	77.7	54.2	31.4	26.4	22.1	17.1
45°	1045.5	605.5	165.5	131.2	97.0	62.8	28.5	24.2	20.7	16.4
47.5°	1729.4	1013.4	297.4	229.6	162.6	94.9	27.8	24.2	20.7	16.4
50°	2207.2	1290.8	374.4	288.1	201.8	115.5	29.2	25.0	21.4	17.1
52.5°	2203.7	1310.8	417.2	320.2	223.9	126.9	30.7	26.4	22.8	18.5
55°	1959.1	1192.4	425.0	326.6	228.9	130.5	32.8	28.5	24.2	20.0
57.5°	1637.4	1012.7	388.0	300.2	213.2	125.5	37.8	32.8	28.5	23.5
60°	1295.1	798.7	302.4	238.9	176.2	112.7	49.9	43.5	37.8	31.4
62.5°	894.3	579.1	263.9	211.8	160.5	108.4	57.1	50.6	44.9	38.5
65°	632.6	435.7	238.2	194.0	150.5	106.3	62.0	54.9	48.5	41.4
67.5°	472.8	346.6	219.7	181.9	144.1	106.3	68.5	59.9	52.1	43.5
70°	362.3	284.6	206.1	175.4	145.5	114.8	84.2	72.0	60.6	48.5
72.5°	295.3	243.2	190.4	168.3	146.2	124.1	102.0	86.3	70.6	54.2
75°	244.6	208.2	171.9	153.3	135.5	117.0	98.4	84.2	70.6	56.3
77.5°	162.6	148.3	133.4	122.7	112.0	100.6	89.9	77.7	66.3	54.2
80°	57.1	54.9	52.8	57.1	61.3	65.6	69.9	61.3	53.5	44.9
82.5°	8.6	7.8	7.1	7.8	8.6	9.3	10.0	10.7	11.4	12.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
0.0	2.5°	34.9	34.9	34.2	34.2	34.2	33.5	33.5	32.8	32.8	32.8
0.0	5°	34.2	34.2	33.5	32.8	32.1	32.1	31.4	30.7	30.7	30.0
0.0	7.5°	33.5	32.8	32.1	31.4	30.7	30.0	29.2	28.5	28.5	27.8
0.0	10°	34.2	32.8	32.1	30.7	30.0	29.2	27.8	27.1	26.4	26.4
0.0	12.5°	32.8	32.1	30.7	29.2	28.5	27.1	26.4	25.0	24.2	24.2
0.0	15°	32.8	31.4	29.2	27.8	26.4	25.7	24.2	22.8	22.1	21.4
0.0	17.5°	30.7	29.2	27.1	25.7	24.2	22.8	21.4	20.0	19.3	18.5
0.0	20°	27.8	26.4	24.2	22.1	20.7	19.3	17.8	16.4	15.7	15.0
0.0	22.5°	25.0	23.5	21.4	19.3	17.8	16.4	14.3	12.8	12.1	10.7
0.0	25°	23.5	21.4	19.3	17.1	15.0	13.6	11.4	9.3	7.8	6.4
0.0	27.5°	20.0	17.8	15.7	13.6	11.4	9.3	7.1	5.0	3.6	2.9
0.0	30°	17.1	15.0	12.8	10.7	7.8	5.7	3.6	0.7	0.7	0.7
0.0	32.5°	14.3	12.1	9.3	7.1	5.7	3.6	2.1	0.0	0.0	0.0
0.0	35°	11.4	9.3	6.4	4.3	3.6	2.1	1.4	0.0	0.0	0.0
0.0	37.5°	10.0	7.8	5.0	2.1	1.4	1.4	0.7	0.0	0.0	0.0
0.0	40°	9.3	6.4	3.6	0.7	0.7	0.7	0.0	0.0	0.0	0.0
0.0	42.5°	9.3	6.4	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	9.3	6.4	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	9.3	6.4	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	10.0	7.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	11.4	8.6	5.7	2.9	2.1	1.4	0.7	0.0	0.0	0.0
0.0	55°	14.3	12.8	10.7	9.3	7.1	5.0	2.1	0.0	0.0	0.0
0.0	57.5°	18.5	18.5	17.8	17.1	12.8	8.6	4.3	0.0	0.0	0.0
0.0	60°	25.0	25.0	25.0	25.0	18.5	12.8	6.4	0.0	0.0	0.0
0.0	62.5°	30.7	29.2	27.1	25.7	19.3	12.8	6.4	0.0	0.0	0.0
0.0	65°	30.7	27.8	24.2	20.7	15.7	10.7	5.0	0.0	0.0	0.0
0.0	67.5°	28.5	22.8	16.4	10.7	7.8	5.7	2.9	0.0	0.0	0.0
	70°	28.5	20.0	11.4	2.9	2.1	1.4	0.7	0.0	0.0	0.0
	72.5°	28.5	19.3	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	31.4	21.4	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	31.4	21.4	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	27.8	18.5	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	9.3	6.4	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[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°	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
0.0	2.5°	32.1	32.1	32.1	31.4	31.4	31.4	31.4	30.7	30.7	30.7
0.0	5°	29.2	29.2	28.5	28.5	27.8	27.8	27.1	27.1	26.4	26.4
0.0	7.5°	27.1	26.4	26.4	25.7	25.0	25.0	24.2	24.2	23.5	22.8
0.0	10°	25.0	24.2	24.2	23.5	22.8	22.1	22.1	21.4	20.7	20.0
0.0	12.5°	22.8	22.1	21.4	20.7	20.0	19.3	19.3	18.5	17.8	17.1
0.0	15°	20.0	19.3	18.5	17.8	17.1	16.4	16.4	15.7	15.0	14.3
0.0	17.5°	17.1	16.4	16.4	15.7	15.0	14.3	13.6	12.1	11.4	10.7
0.0	20°	12.8	12.1	11.4	10.7	10.0	8.6	7.8	6.4	5.0	4.3
0.0	22.5°	8.6	7.1	6.4	5.0	3.6	2.9	2.1	0.7	0.0	0.0
0.0	25°	2.9	2.1	1.4	0.7	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: P1049251

CATALOG NUMBER: GALN-SA2C-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049251

CATALOG NUMBER: GALN-SA2C-850-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
0.0	2.5°	30.0	30.0	30.0	29.2	29.2	29.2	29.2	29.2	29.2	29.2
0.0	5°	25.7	25.7	25.7	25.0	25.0	24.2	24.2	24.2	23.5	23.5
0.0	7.5°	22.1	21.4	21.4	20.7	20.7	20.0	20.0	20.0	19.3	19.3
0.0	10°	18.5	17.8	17.8	17.1	17.1	16.4	16.4	15.7	15.7	15.0
0.0	12.5°	16.4	15.7	15.0	14.3	14.3	13.6	12.8	12.8	12.1	11.4
0.0	15°	12.8	12.1	11.4	10.7	10.0	9.3	8.6	8.6	7.8	7.1
0.0	17.5°	8.6	7.1	6.4	5.7	5.7	5.0	4.3	3.6	2.9	2.1
0.0	20°	2.1	1.4	0.7	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: P1049251

CATALOG NUMBER: GALN-SA2C-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049251

CATALOG NUMBER: GALN-SA2C-850-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°	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
0.0	2.5°	29.2	28.5	28.5	28.5	29.2	29.2	29.2	29.2	29.2	29.2
0.0	5°	23.5	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
0.0	7.5°	19.3	18.5	18.5	18.5	18.5	17.8	17.8	17.8	17.8	17.8
0.0	10°	15.0	14.3	14.3	14.3	14.3	13.6	13.6	13.6	13.6	13.6
0.0	12.5°	10.7	10.7	10.0	10.0	10.0	9.3	9.3	9.3	9.3	8.6
0.0	15°	6.4	5.7	5.0	5.0	5.0	4.3	4.3	4.3	4.3	3.6
0.0	17.5°	1.4	1.4	0.7	0.7	0.7	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



REPORT NUMBER: P1049251

CATALOG NUMBER: GALN-SA2C-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049251

CATALOG NUMBER: GALN-SA2C-850-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
0.0	2.5°	30.0	30.0	30.7	30.7	31.4	32.8	33.5	34.2	35.7	37.1
0.0	5°	23.5	24.2	24.2	25.0	25.7	26.4	27.1	27.8	29.2	30.7
0.0	7.5°	18.5	18.5	19.3	19.3	20.0	21.4	22.1	22.8	24.2	26.4
0.0	10°	14.3	14.3	15.0	15.0	15.7	17.1	17.8	18.5	20.0	22.1
0.0	12.5°	9.3	10.0	10.0	10.7	11.4	12.8	13.6	14.3	15.7	17.1
0.0	15°	4.3	5.0	5.0	5.7	6.4	7.8	8.6	9.3	10.7	12.8
0.0	17.5°	0.7	0.7	1.4	1.4	2.1	2.9	3.6	4.3	6.4	7.8
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.9
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
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: P1049251

CATALOG NUMBER: GALN-SA2C-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049251

CATALOG NUMBER: GALN-SA2C-850-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°	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
0.0	2.5°	39.2	40.7	42.1	43.5	44.9	46.4	47.1	48.5	49.2	49.9
0.0	5°	33.5	34.9	37.1	38.5	39.9	41.4	42.8	43.5	44.2	44.9
0.0	7.5°	29.2	30.7	32.8	34.2	35.7	37.1	38.5	39.9	40.7	41.4
0.0	10°	25.0	27.1	28.5	30.7	32.1	33.5	34.9	36.4	37.8	38.5
0.0	12.5°	20.0	22.1	24.2	25.7	27.8	30.0	31.4	32.8	34.2	35.7
0.0	15°	15.7	17.8	20.0	21.4	23.5	25.7	27.8	29.2	30.7	32.1
0.0	17.5°	11.4	13.6	15.7	17.1	19.3	21.4	22.8	25.0	26.4	27.8
0.0	20°	5.7	7.8	10.0	12.1	14.3	16.4	17.8	20.0	21.4	22.8
0.0	22.5°	0.7	2.9	5.0	6.4	8.6	10.7	12.1	14.3	15.7	17.1
0.0	25°	0.0	0.7	2.1	2.9	3.6	5.0	6.4	7.8	9.3	10.7
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.7	1.4	2.9	4.3	5.7
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
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	0.7
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	1.4
	85°	0.0	0.0	0.0	0.0	0.0	1.4	2.1	3.6	4.3	5.0
	87.5°	0.0	0.7	1.4	2.1	2.9	4.3	5.7	7.1	7.8	8.6
	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: P1049251

CATALOG NUMBER: GALN-SA2C-850-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
41.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
0.7											
2.9											
6.4											
9.3											
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REPORT NUMBER: P1049251

CATALOG NUMBER: GALN-SA2C-850-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
0.0	2.5°	50.6	50.6	50.6	50.6	49.9	49.9	49.9	49.2	49.2	48.5
0.0	5°	46.4	47.1	47.1	47.1	47.1	47.1	47.1	47.1	46.4	46.4
0.0	7.5°	42.8	43.5	44.2	44.2	44.9	44.9	44.9	44.2	44.2	43.5
0.0	10°	40.7	41.4	41.4	42.1	42.1	42.1	42.1	42.1	42.1	42.1
0.0	12.5°	37.8	38.5	39.2	39.2	39.9	39.9	39.9	39.9	39.2	39.2
0.0	15°	34.2	35.7	36.4	37.1	37.1	37.8	37.8	37.8	37.8	37.8
0.0	17.5°	31.4	32.8	33.5	34.2	34.2	34.9	34.9	35.7	35.7	35.7
0.0	20°	25.7	27.1	27.8	29.2	30.0	30.7	31.4	32.1	32.1	32.8
0.0	22.5°	20.0	21.4	22.1	23.5	24.2	25.0	25.7	26.4	27.1	27.8
0.0	25°	14.3	15.7	16.4	17.8	18.5	19.3	20.0	20.7	20.7	21.4
0.0	27.5°	7.8	9.3	10.7	11.4	12.8	13.6	14.3	15.0	15.7	16.4
0.0	30°	3.6	4.3	5.0	6.4	7.1	7.8	8.6	10.0	10.7	11.4
0.0	32.5°	0.0	0.0	0.7	2.1	2.9	3.6	4.3	5.0	5.0	5.7
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.4	2.1	2.9
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	1.4	1.4	1.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1
	82.5°	3.6	4.3	5.0	5.0	5.7	5.7	5.7	5.7	5.0	5.0
	85°	7.1	7.8	8.6	8.6	9.3	9.3	9.3	9.3	9.3	9.3
	87.5°	10.0	10.7	11.4	11.4	12.1	12.1	12.1	12.1	12.1	12.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049251

CATALOG NUMBER: GALN-SA2C-850-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
41.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	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											
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REPORT NUMBER: P1049251

CATALOG NUMBER: GALN-SA2C-850-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°	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
0.0	2.5°	47.8	47.8	47.1	47.1	47.1	47.1	47.1	47.8	48.5	48.5
0.0	5°	45.6	45.6	44.9	44.9	44.9	45.6	45.6	46.4	47.1	47.8
0.0	7.5°	43.5	42.8	42.8	43.5	43.5	44.2	44.2	44.9	45.6	46.4
0.0	10°	42.1	41.4	41.4	41.4	42.1	42.1	42.8	43.5	44.2	44.9
0.0	12.5°	39.2	39.2	39.2	39.2	39.9	39.9	40.7	41.4	42.8	43.5
0.0	15°	37.8	37.1	37.1	37.1	37.1	37.8	37.8	39.2	40.7	41.4
0.0	17.5°	34.9	34.9	34.2	34.2	34.9	34.9	35.7	37.1	38.5	39.2
0.0	20°	32.1	31.4	30.7	30.7	31.4	31.4	32.1	33.5	34.9	35.7
0.0	22.5°	27.8	27.1	27.1	27.1	27.1	27.8	27.8	29.2	31.4	32.8
0.0	25°	22.1	22.8	22.8	23.5	23.5	24.2	25.0	26.4	28.5	30.0
0.0	27.5°	17.1	17.8	17.8	19.3	20.0	20.7	21.4	23.5	25.7	27.1
0.0	30°	12.8	13.6	14.3	15.0	16.4	17.8	19.3	21.4	23.5	25.0
0.0	32.5°	7.8	9.3	10.0	11.4	12.8	14.3	15.7	17.8	20.7	22.8
0.0	35°	5.7	6.4	7.8	8.6	10.0	11.4	12.8	15.7	17.8	20.7
0.0	37.5°	2.9	4.3	5.7	7.1	8.6	10.0	11.4	14.3	17.1	19.3
0.0	40°	2.1	3.6	4.3	5.7	7.8	9.3	10.7	13.6	16.4	19.3
0.0	42.5°	1.4	2.1	2.9	5.0	6.4	8.6	10.7	13.6	16.4	19.3
0.0	45°	1.4	1.4	2.1	4.3	6.4	9.3	11.4	14.3	16.4	19.3
0.0	47.5°	1.4	2.1	2.9	5.7	7.1	9.3	11.4	13.6	16.4	18.5
0.0	50°	2.1	2.9	3.6	6.4	7.8	10.0	11.4	14.3	16.4	19.3
0.0	52.5°	1.4	2.1	2.9	5.7	7.8	10.7	12.8	15.7	18.5	20.7
0.0	55°	0.7	0.7	0.7	4.3	8.6	12.1	16.4	18.5	21.4	23.5
0.0	57.5°	0.0	0.0	0.0	2.9	8.6	13.6	18.5	21.4	24.2	26.4
0.0	60°	0.0	0.0	0.0	2.9	8.6	13.6	18.5	22.1	25.7	29.2
0.0	62.5°	0.0	0.0	0.0	2.9	7.1	11.4	15.7	21.4	27.8	33.5
0.0	65°	0.0	0.0	0.0	2.1	5.7	9.3	12.8	21.4	30.0	37.8
0.0	67.5°	0.0	0.0	0.0	2.1	5.7	8.6	12.1	21.4	30.0	39.2
	70°	0.0	0.0	0.0	2.1	5.7	9.3	12.8	21.4	30.0	38.5
	72.5°	0.0	0.0	0.0	2.1	6.4	10.0	14.3	21.4	28.5	35.7
	75°	0.0	0.0	0.0	2.9	6.4	10.7	15.0	21.4	27.8	33.5
	77.5°	0.0	0.0	0.0	2.1	6.4	10.0	14.3	20.7	27.1	32.8
	80°	2.1	1.4	1.4	3.6	6.4	9.3	12.1	18.5	25.7	32.1
	82.5°	4.3	4.3	3.6	5.0	6.4	8.6	10.7	16.4	22.8	28.5
	85°	8.6	8.6	7.8	8.6	8.6	9.3	10.0	12.8	15.7	18.5
	87.5°	11.4	11.4	10.7	10.7	10.7	10.0	10.0	10.0	10.0	9.3
	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: P1049251

CATALOG NUMBER: GALN-SA2C-850-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
41.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.1											
42.8											
39.9											
39.2											
38.5											
34.2											
21.4											
9.3											
0.0											
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REPORT NUMBER: P1049251

CATALOG NUMBER: GALN-SA2C-850-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
0.0	2.5°	49.9	50.6	50.6	51.3	52.1	52.8	52.8	53.5	53.5	53.5
0.0	5°	49.2	50.6	51.3	52.1	52.8	53.5	54.2	54.9	55.6	55.6
0.0	7.5°	48.5	49.2	50.6	51.3	52.8	53.5	54.9	55.6	56.3	57.1
0.0	10°	47.1	48.5	49.9	51.3	52.8	54.2	55.6	57.1	58.5	59.2
0.0	12.5°	45.6	47.8	49.2	50.6	52.8	54.9	56.3	58.5	59.9	61.3
0.0	15°	44.9	46.4	48.5	49.9	52.8	55.6	57.8	60.6	63.5	65.6
0.0	17.5°	42.8	45.6	47.8	49.9	52.8	56.3	59.2	62.0	66.3	70.6
0.0	20°	39.9	42.1	44.9	47.1	51.3	54.9	59.2	62.8	69.2	75.6
0.0	22.5°	37.1	39.9	42.1	44.9	49.9	54.2	59.2	63.5	74.2	84.2
0.0	25°	34.2	37.8	40.7	43.5	49.2	54.9	60.6	66.3	84.2	102.0
0.0	27.5°	32.8	35.7	39.2	42.1	49.2	57.1	64.2	71.3	99.8	127.7
0.0	30°	30.7	34.2	37.1	40.7	49.9	59.2	68.5	77.7	121.2	164.7
0.0	32.5°	28.5	32.1	35.7	39.2	51.3	63.5	74.9	87.0	144.1	200.4
0.0	35°	26.4	30.7	34.2	37.8	53.5	69.9	85.6	101.3	164.7	227.5
0.0	37.5°	25.7	30.0	33.5	37.1	54.2	70.6	87.7	104.1	166.9	229.6
0.0	40°	26.4	30.0	34.2	37.8	52.1	66.3	79.9	94.1	159.7	224.6
0.0	42.5°	26.4	30.7	34.9	39.2	50.6	62.0	73.5	84.9	157.6	230.4
0.0	45°	25.7	30.0	34.2	38.5	49.2	59.2	69.9	79.9	170.4	260.3
0.0	47.5°	25.0	29.2	33.5	37.8	48.5	59.2	69.9	80.6	220.4	359.4
0.0	50°	25.0	29.2	32.8	36.4	49.2	62.8	75.6	88.4	320.9	552.7
0.0	52.5°	26.4	30.0	32.8	35.7	50.6	66.3	81.3	96.3	407.9	718.9
0.0	55°	28.5	30.7	33.5	35.7	54.2	72.0	90.6	108.4	434.3	760.2
0.0	57.5°	31.4	33.5	35.7	37.8	60.6	83.4	105.5	128.4	436.5	743.8
0.0	60°	34.9	37.8	39.9	42.1	66.3	91.3	115.5	139.8	395.1	649.7
0.0	62.5°	42.8	46.4	49.2	52.8	76.3	99.1	122.7	145.5	328.1	510.6
0.0	65°	49.2	52.1	54.9	57.8	80.6	104.1	126.9	149.8	278.1	406.5
0.0	67.5°	50.6	53.5	55.6	58.5	82.0	105.5	128.4	151.9	238.2	323.8
	70°	51.3	54.9	59.2	62.8	87.0	111.3	134.8	159.0	211.1	263.2
	72.5°	49.2	56.3	62.8	69.2	92.0	114.1	136.9	159.0	196.1	233.2
	75°	49.2	59.2	68.5	77.7	94.9	111.3	128.4	144.8	173.3	201.8
	77.5°	52.1	64.9	77.7	90.6	100.6	109.8	119.8	129.1	147.6	166.2
	80°	52.1	65.6	78.4	92.0	96.3	101.3	105.5	109.8	112.0	114.1
	82.5°	44.9	55.6	66.3	77.0	72.0	67.0	62.0	57.1	53.5	49.2
	85°	22.8	25.0	26.4	27.8	25.7	23.5	21.4	19.3	17.8	15.7
	87.5°	9.3	9.3	8.6	8.6	8.6	8.6	7.8	7.8	7.8	7.8
	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: P1049251

CATALOG NUMBER: GALN-SA2C-850-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
41.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
211.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
286.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
357.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
405.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
442.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
478.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
549.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
692.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1055.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1616.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2035.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2081.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1878.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1606.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1255.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
948.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
495.6											
368.7											
268.1											
201.8											
113.4											
51.3											
15.0											
7.1											
0.0											
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REPORT NUMBER: P1049251

CATALOG NUMBER: GALN-SA2C-850-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°	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
0.0	2.5°	53.5	52.8	52.8	52.1	51.3	50.6	49.9	49.2	48.5	47.8
0.0	5°	55.6	55.6	55.6	54.9	54.9	54.2	54.2	53.5	52.8	52.1
0.0	7.5°	57.8	58.5	58.5	59.2	59.2	59.2	59.2	58.5	58.5	58.5
0.0	10°	61.3	62.0	62.8	63.5	64.2	64.9	64.9	65.6	65.6	65.6
0.0	12.5°	65.6	67.8	69.2	71.3	72.7	74.9	76.3	78.4	79.9	81.3
0.0	15°	72.0	75.6	79.9	83.4	87.0	92.0	97.7	102.7	107.7	115.5
0.0	17.5°	81.3	92.7	104.1	114.8	126.2	151.2	176.2	200.4	225.4	261.7
0.0	20°	99.1	133.4	166.9	201.1	234.6	322.4	409.4	497.1	584.1	677.5
0.0	22.5°	139.1	223.2	307.4	391.5	475.7	659.0	841.5	1024.8	1207.4	1422.1
0.0	25°	201.8	356.6	511.3	665.4	820.1	1106.8	1394.2	1680.9	1967.6	2246.5
0.0	27.5°	293.8	530.6	767.4	1003.4	1240.2	1628.9	2018.3	2406.9	2795.6	3110.8
0.0	30°	407.2	728.1	1049.1	1370.0	1690.9	2133.1	2575.2	3016.7	3458.8	3803.3
0.0	32.5°	514.2	907.1	1300.1	1692.3	2085.3	2588.8	3093.0	3596.5	4100.0	4476.5
0.0	35°	584.1	1059.0	1534.7	2009.7	2484.7	3029.5	3574.4	4118.5	4663.4	5093.4
0.0	37.5°	654.0	1202.4	1750.1	2298.5	2846.2	3444.6	4042.9	4641.3	5239.6	5770.9
0.0	40°	732.4	1375.7	2018.3	2661.5	3304.1	4013.0	4721.2	5430.0	6138.2	6887.7
0.0	42.5°	868.6	1663.1	2458.3	3252.7	4047.2	4985.0	5922.8	6859.9	7797.7	8867.5
0.0	45°	1124.7	2244.3	3364.7	4484.4	5604.0	6846.4	8089.4	9331.8	10574.1	11997.6
0.0	47.5°	1751.5	3292.0	4831.7	6372.1	7911.9	9253.3	10594.1	11935.5	13276.3	14694.0
0.0	50°	2680.1	4473.0	6265.9	8058.0	9850.9	11064.8	12277.8	13491.7	14704.7	16053.3
0.0	52.5°	3351.9	5219.7	7088.1	8955.9	10823.7	11919.1	13015.3	14110.7	15206.1	16466.3
0.0	55°	3402.5	5259.6	7117.4	8974.5	10831.5	11932.0	13032.4	14132.8	15233.2	16569.0
0.0	57.5°	3012.4	4854.5	6695.9	8538.0	10379.4	11632.4	12884.7	14137.8	15390.1	16834.3
0.0	60°	2562.4	4405.2	6247.3	8090.1	9932.2	11375.7	12819.9	14263.3	15706.7	17059.6
0.0	62.5°	1999.0	3894.6	5790.9	7686.5	9582.1	11047.6	12513.2	13978.0	15443.6	16458.4
0.0	65°	1489.8	3330.5	5171.2	7011.1	8851.8	10025.7	11199.5	12372.7	13546.6	14174.9
0.0	67.5°	1076.9	2664.4	4251.2	5838.7	7425.5	8265.6	9105.7	9945.1	10785.2	11265.9
	70°	728.1	1827.8	2926.8	4026.5	5125.5	5815.9	6506.9	7197.3	7887.6	8536.6
	72.5°	504.2	1121.8	1740.1	2357.7	2975.3	3669.9	4363.9	5058.5	5752.4	6439.2
	75°	334.5	615.5	897.2	1178.1	1459.1	1973.3	2488.2	3002.4	3516.6	3926.0
	77.5°	237.5	321.6	406.5	490.7	574.8	671.1	768.1	864.4	960.6	1106.8
	80°	112.7	123.4	134.1	144.1	154.8	189.7	224.6	259.6	294.5	331.6
	82.5°	53.5	57.8	62.0	65.6	69.9	73.5	77.0	80.6	84.2	80.6
	85°	14.3	14.3	15.0	15.0	15.0	15.0	15.0	15.0	15.0	14.3
	87.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	5.7	5.7	5.0
	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: P1049251

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
41.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
297.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
771.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1636.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2525.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3426.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4148.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4853.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5523.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6303.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7637.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9937.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13421.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16111.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17401.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17726.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17905.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18278.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18411.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17474.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14803.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11747.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9184.8											
7125.9											
4335.3											
1253.0											
368.7											
76.3											
13.6											
5.0											
0.0											
0.0											
0.0											
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0.0											
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0.0											

REPORT NUMBER: P1049251

CATALOG NUMBER: GALN-SA2C-850-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
0.0	2.5°	46.4	45.6	44.9	44.2	43.5	42.1	42.1	41.4	41.4
0.0	5°	50.6	49.9	49.2	48.5	48.5	47.8	47.1	47.1	46.4
0.0	7.5°	57.8	57.1	56.3	55.6	55.6	54.9	54.9	54.2	54.2
0.0	10°	66.3	66.3	66.3	66.3	66.3	65.6	65.6	65.6	64.9
0.0	12.5°	83.4	84.2	85.6	87.0	89.1	89.1	89.1	88.4	88.4
0.0	15°	131.9	139.8	145.5	151.2	156.2	167.6	166.2	164.0	162.6
0.0	17.5°	333.8	369.4	388.7	407.2	426.5	479.2	470.7	462.1	454.3
0.0	20°	865.1	958.5	1020.5	1082.6	1145.3	1244.5	1220.2	1196.0	1171.7
0.0	22.5°	1850.7	2065.3	2158.7	2252.2	2344.9	2464.7	2387.0	2309.2	2232.2
0.0	25°	2803.5	3082.3	3239.9	3397.5	3554.4	3622.9	3521.6	3419.6	3318.4
0.0	27.5°	3741.3	4056.5	4195.5	4333.9	4473.0	4616.3	4490.8	4364.6	4239.1
0.0	30°	4492.9	4837.4	4987.9	5137.6	5288.1	5388.0	5258.2	5127.7	4997.9
0.0	32.5°	5230.4	5606.9	5771.6	5936.4	6100.4	6243.8	6084.0	5923.5	5763.8
0.0	35°	5952.8	6382.8	6609.6	6836.4	7063.2	7196.5	7006.8	6816.4	6626.7
0.0	37.5°	6834.3	7365.6	7619.5	7873.3	8127.2	8370.4	8161.5	7951.8	7742.8
0.0	40°	8386.8	9136.4	9525.7	9915.8	10305.2	10619.0	10355.2	10091.3	9827.4
0.0	42.5°	11007.0	12076.7	12636.6	13195.7	13755.5	14245.5	13968.0	13690.6	13413.2
0.0	45°	14844.5	16268.0	16950.5	17632.3	18314.8	18672.8	18273.4	17873.3	17474.0
0.0	47.5°	17528.9	18946.6	19554.3	20161.9	20769.5	21178.1	20689.6	20201.1	19713.3
0.0	50°	18749.8	20098.4	20708.2	21317.2	21927.0	22251.5	21687.3	21122.5	20558.4
0.0	52.5°	18985.9	20246.0	20973.5	21701.6	22429.0	22862.6	22196.5	21529.7	20863.6
0.0	55°	19241.2	20576.9	21420.6	22265.0	23108.7	23709.2	22956.1	22202.2	21449.1
0.0	57.5°	19721.9	21166.0	22007.6	22848.4	23689.9	24199.8	23444.6	22688.6	21933.4
0.0	60°	19764.6	21116.8	21840.0	22563.8	23287.0	23607.9	22885.5	22162.3	21439.9
0.0	62.5°	18488.8	19503.6	20005.7	20507.8	21009.8	21358.6	20604.8	19850.2	19096.4
0.0	65°	15432.2	16060.5	16460.6	16860.6	17260.7	17676.5	16986.2	16295.8	15605.5
0.0	67.5°	12227.9	12708.6	13235.6	13762.7	14289.7	14734.0	14181.3	13627.9	13075.2
	70°	9833.8	10482.1	11074.7	11667.4	12260.0	12623.7	12068.9	11513.3	10958.5
	72.5°	7812.7	8499.5	8994.4	9488.7	9983.6	10072.7	9664.8	9256.9	8849.7
	75°	4744.0	5153.3	5163.3	5172.6	5182.6	5267.4	4929.4	4591.4	4254.0
	77.5°	1399.2	1545.4	1666.0	1785.8	1906.3	2051.8	1927.7	1802.9	1678.8
	80°	405.1	442.2	473.5	504.2	535.6	517.0	487.8	458.6	429.3
	82.5°	72.7	68.5	67.8	67.0	67.0	63.5	57.8	52.1	46.4
	85°	12.8	12.1	11.4	10.7	10.0	9.3	7.8	7.1	5.7
	87.5°	4.3	3.6	2.9	2.1	2.1	0.7	0.7	0.7	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: P1049251

CATALOG NUMBER: GALN-SA2C-850-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°	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
0.0	0.0	2.5°	40.7	39.9	39.9	39.9	39.9	39.2	39.2	39.2	39.2
0.0	0.0	5°	44.9	44.9	44.2	44.2	43.5	43.5	42.8	42.8	42.1
0.0	0.0	7.5°	52.8	52.1	51.3	50.6	49.9	48.5	47.8	47.1	47.1
0.0	0.0	10°	63.5	62.0	61.3	59.9	59.2	57.8	56.3	54.9	53.5
0.0	0.0	12.5°	83.4	80.6	78.4	75.6	72.7	70.6	67.8	65.6	62.8
0.0	0.0	15°	144.8	137.6	129.8	120.5	110.5	101.3	91.3	85.6	79.2
0.0	0.0	17.5°	370.1	333.0	295.3	264.6	233.9	204.0	173.3	151.2	129.1
0.0	0.0	20°	942.1	839.4	736.7	635.4	533.4	432.2	330.2	278.8	227.5
0.0	0.0	22.5°	1772.9	1582.5	1391.4	1206.7	1021.3	836.5	651.8	535.6	420.1
0.0	0.0	25°	2736.4	2496.8	2257.2	1953.4	1648.8	1345.0	1041.2	852.2	663.2
0.0	0.0	27.5°	3560.8	3284.8	3008.8	2639.4	2270.0	1900.6	1531.2	1249.5	968.5
0.0	0.0	30°	4274.7	3978.0	3681.4	3251.3	2821.3	2391.2	1961.2	1608.9	1256.6
0.0	0.0	32.5°	4893.7	4538.6	4183.4	3739.8	3296.2	2852.7	2409.1	1976.9	1544.7
0.0	0.0	35°	5607.6	5193.3	4778.2	4286.1	3793.3	3301.2	2809.2	2321.4	1832.8
0.0	0.0	37.5°	6514.8	6006.3	5497.1	4948.7	4400.2	3852.5	3304.1	2746.4	2188.7
0.0	0.0	40°	8251.3	7595.2	6939.1	6242.3	5544.9	4848.1	4151.3	3466.7	2782.1
0.0	0.0	42.5°	11362.9	10476.4	9589.9	8662.8	7735.0	6807.9	5880.0	4914.4	3948.1
0.0	0.0	45°	14874.5	13774.8	12674.4	11633.9	10592.6	9552.1	8511.6	7186.6	5861.5
0.0	0.0	47.5°	16849.2	15661.8	14474.4	13489.5	12504.6	11519.8	10534.9	9106.4	7677.9
0.0	0.0	50°	17575.9	16367.1	15158.3	14251.9	13344.7	12438.3	11531.2	10100.6	8669.2
0.0	0.0	52.5°	17730.7	16497.6	15264.6	14352.4	13440.3	12528.9	11616.7	10195.4	8774.1
0.0	0.0	55°	18048.8	16725.9	15402.2	14362.4	13322.6	12282.8	11243.0	9798.9	8354.7
0.0	0.0	57.5°	18464.6	17108.1	15751.7	14567.1	13382.5	12198.7	11014.1	9435.2	7856.2
0.0	0.0	60°	18355.4	17175.1	15994.1	14725.4	13456.0	12187.3	10917.8	9181.3	7444.0
0.0	0.0	62.5°	16461.3	15521.3	14580.7	13537.3	12493.2	11449.9	10406.5	8618.6	6830.7
0.0	0.0	65°	13542.3	12856.2	12170.2	11330.8	10490.7	9651.3	8811.9	7208.7	5606.2
0.0	0.0	67.5°	10975.6	10202.5	9428.8	8759.8	8090.1	7421.2	6751.5	5489.9	4228.4
		70°	8719.9	7879.0	7037.5	6384.3	5730.3	5077.0	4423.8	3585.1	2747.1
		72.5°	6924.8	6166.7	5408.6	4711.9	4014.4	3317.6	2620.2	2124.5	1628.9
		75°	3309.8	3006.7	2703.6	2339.2	1974.8	1610.3	1245.9	1029.8	814.4
		77.5°	1226.6	1063.3	899.3	751.0	602.6	455.0	306.7	281.0	255.3
		80°	317.4	276.7	235.3	206.1	176.2	146.9	117.7	106.3	95.6
		82.5°	36.4	33.5	31.4	30.0	27.8	26.4	24.2	22.1	20.0
		85°	2.1	1.4	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: P1049251

CATALOG NUMBER: GALN-SA2C-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049251

CATALOG NUMBER: GALN-SA2C-850-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	41.4	41.4
0.0	0.0	2.5°	38.5	37.8
0.0	0.0	5°	40.7	39.9
0.0	0.0	7.5°	44.9	43.5
0.0	0.0	10°	49.2	47.8
0.0	0.0	12.5°	55.6	53.5
0.0	0.0	15°	62.8	58.5
0.0	0.0	17.5°	74.9	65.6
0.0	0.0	20°	101.3	77.7
0.0	0.0	22.5°	142.6	97.0
0.0	0.0	25°	209.7	134.1
0.0	0.0	27.5°	291.7	178.3
0.0	0.0	30°	388.0	223.2
0.0	0.0	32.5°	472.8	266.0
0.0	0.0	35°	583.4	309.5
0.0	0.0	37.5°	719.6	365.1
0.0	0.0	40°	930.7	449.3
0.0	0.0	42.5°	1310.8	604.8
0.0	0.0	45°	2128.8	1045.5
0.0	0.0	47.5°	3275.6	1729.4
0.0	0.0	50°	4007.3	2207.2
0.0	0.0	52.5°	4067.2	2203.7
0.0	0.0	55°	3712.7	1959.1
0.0	0.0	57.5°	3167.9	1637.4
0.0	0.0	60°	2633.0	1295.1
0.0	0.0	62.5°	2074.6	894.3
0.0	0.0	65°	1516.2	632.6
0.0	0.0	67.5°	1089.0	472.8
		70°	716.0	362.3
		72.5°	466.4	295.3
		75°	313.8	244.6
		77.5°	183.3	162.6
		80°	64.9	57.1
		82.5°	12.1	8.6
		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: P1049251

CATALOG NUMBER: GALN-SA2C-850-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: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

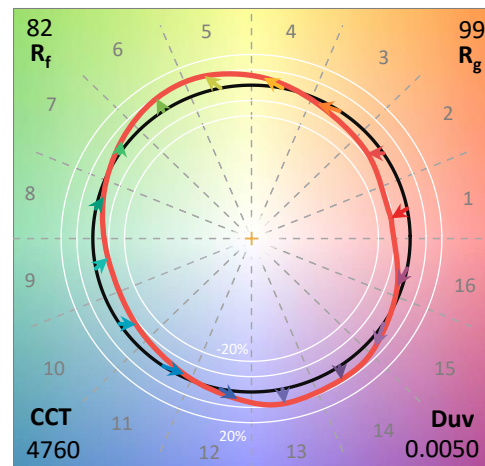
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-12
 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-850-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K): 4760
 CIE u' : 0.2107
 CIE v' : 0.4939
 Duv: 0.0050
 CIE x: 0.3537
 CIE y: 0.3685
 CIE z: 0.2779
 Peak Wavelength (nm): 443
 Dominant Wavelength (nm): 571
 Purity: 16.69598
 R_f: 82
 R_g: 99.4

CRI (Ra): 81.1
 R1: 79.8
 R2: 83.5
 R3: 87.9
 R4: 83.1
 R5: 80.5
 R6: 79.1
 R7: 86.1
 R8: 69.0
 R9: 8.7
 R10: 62.4
 R11: 83.8
 R12: 63.0
 R13: 79.9
 R14: 93.3
 R15: 72.7



Test Conditions

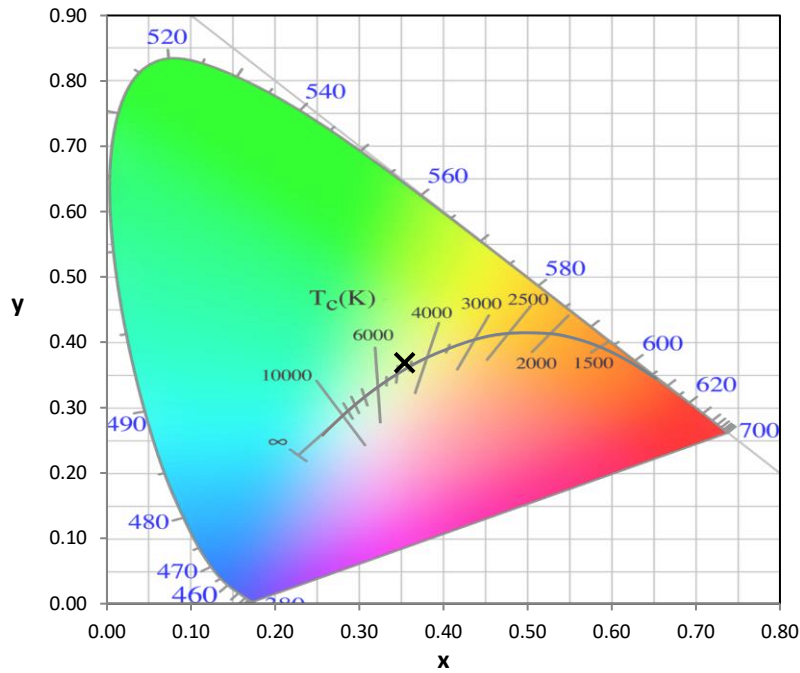
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-12

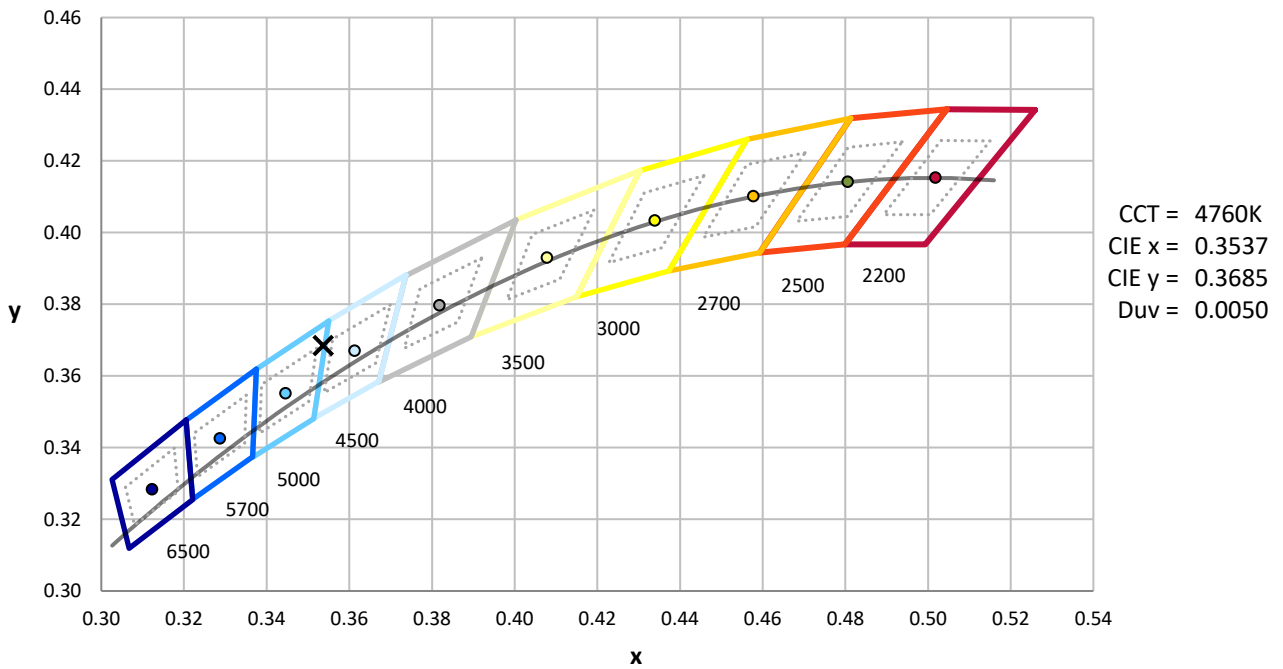
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-12

CIE 1931 Chromaticity Diagram



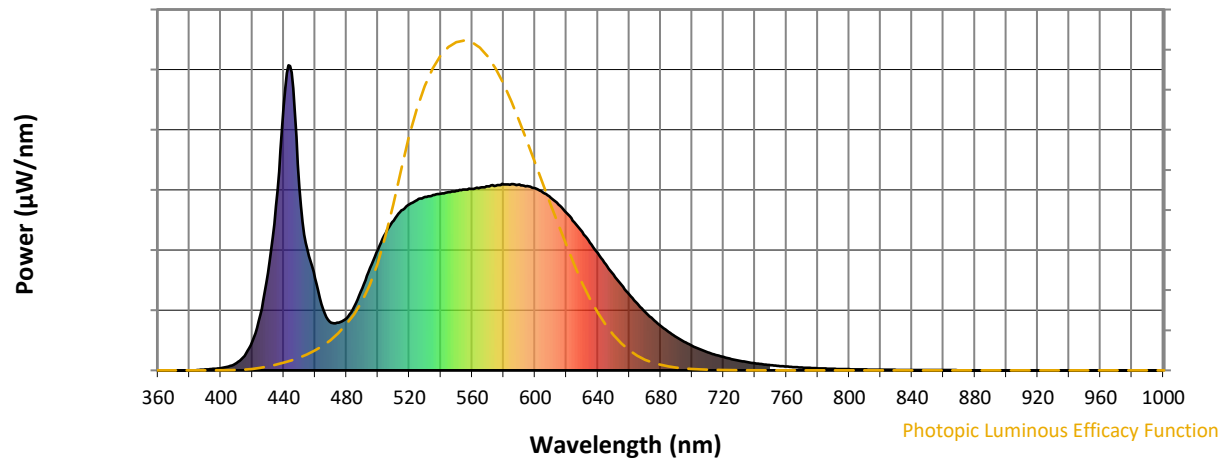
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

Photopic Flux vs. Wavelength

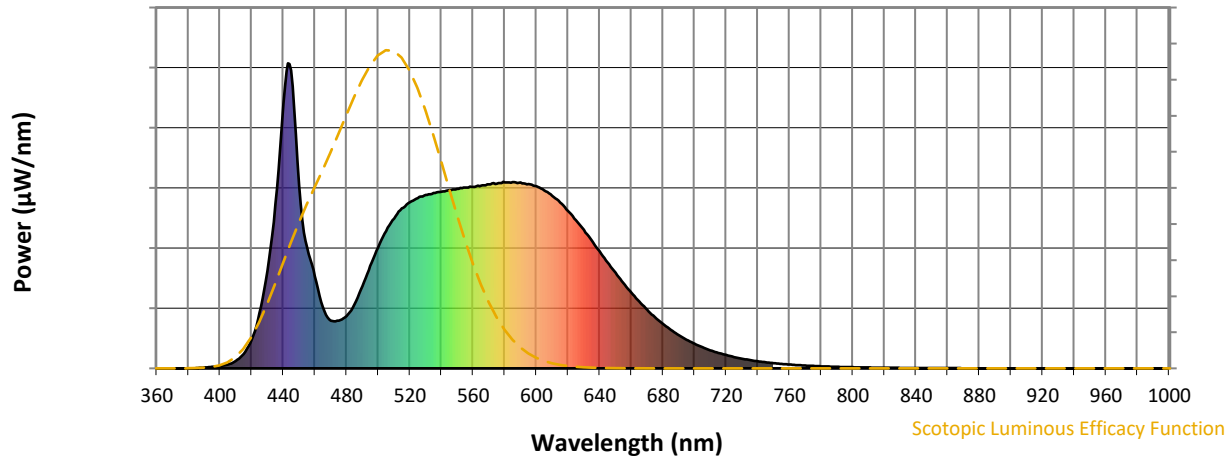


Photopic Lumens: NR

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

Scotopic Flux vs. Wavelength



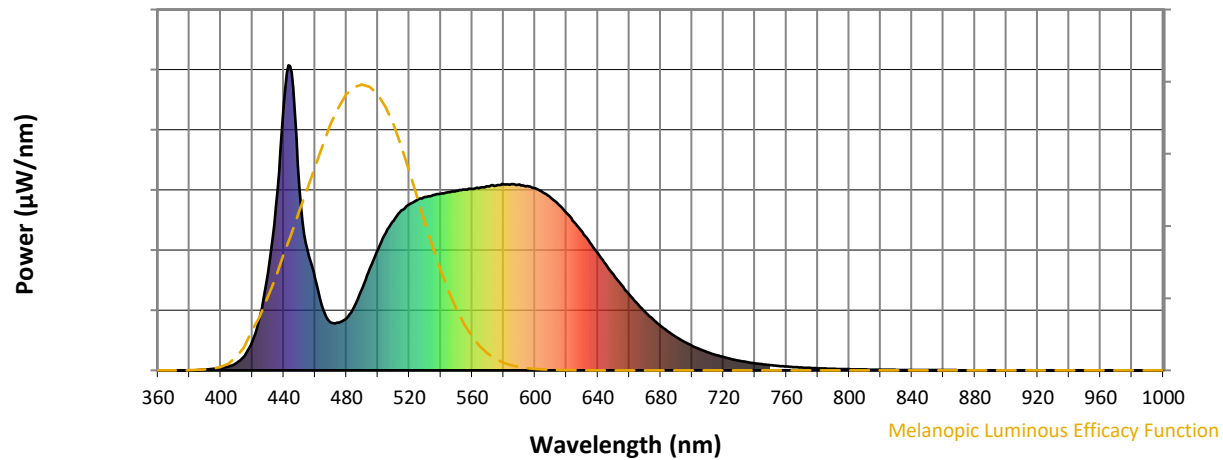
Scotopic Lumens: NR

S/P: 1.83

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 3.74

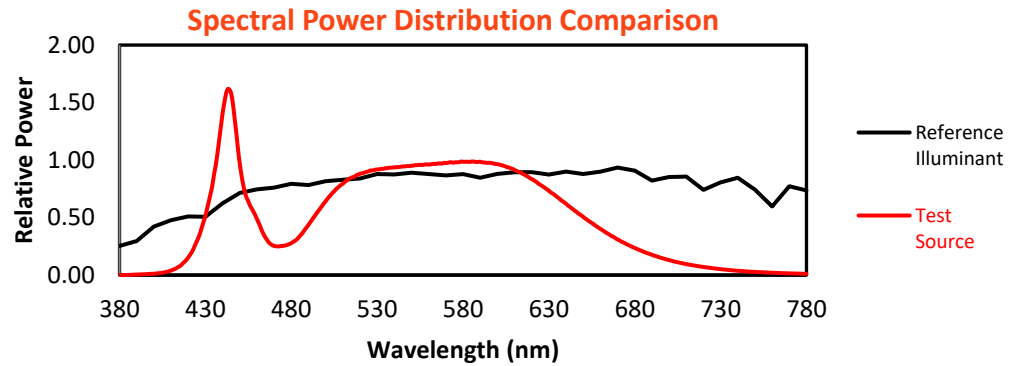
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

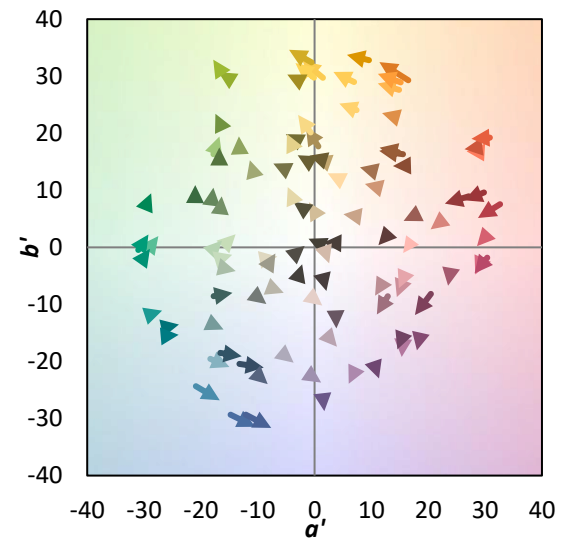
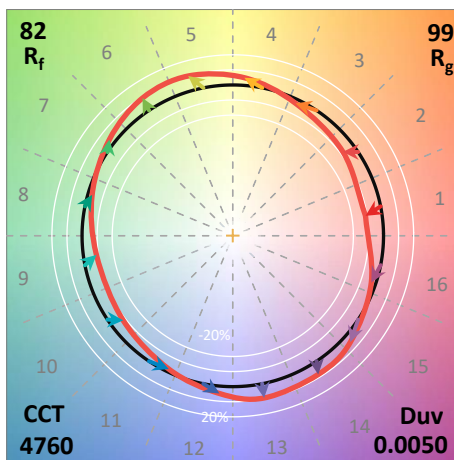
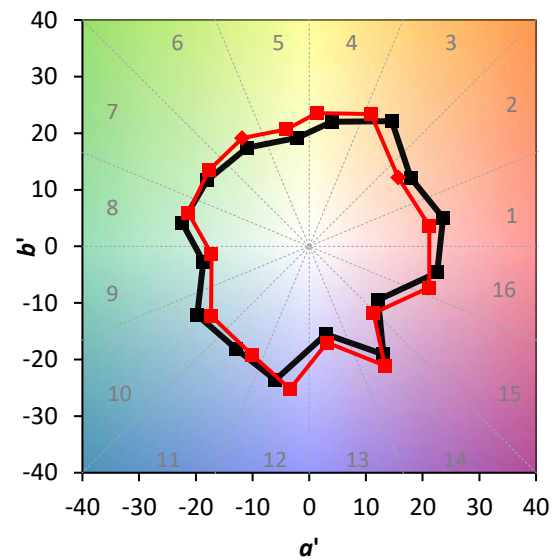
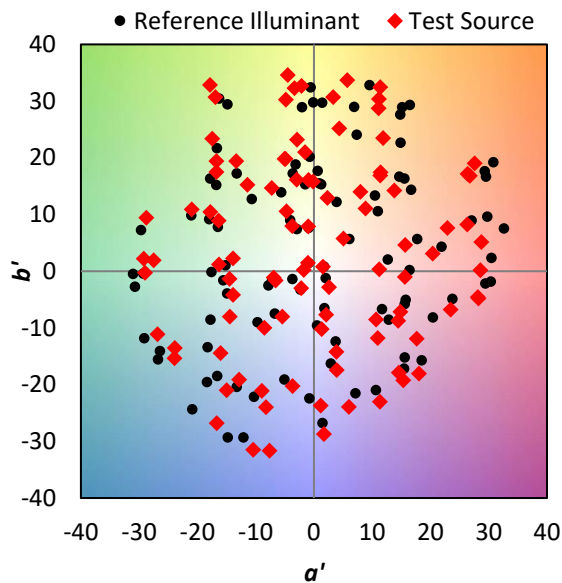
TM-30-18

Summary

$R_f = 82$
 $R_g = 99.4$
 $CIE R_a = 81.1$
 $R_9 = 8.7$

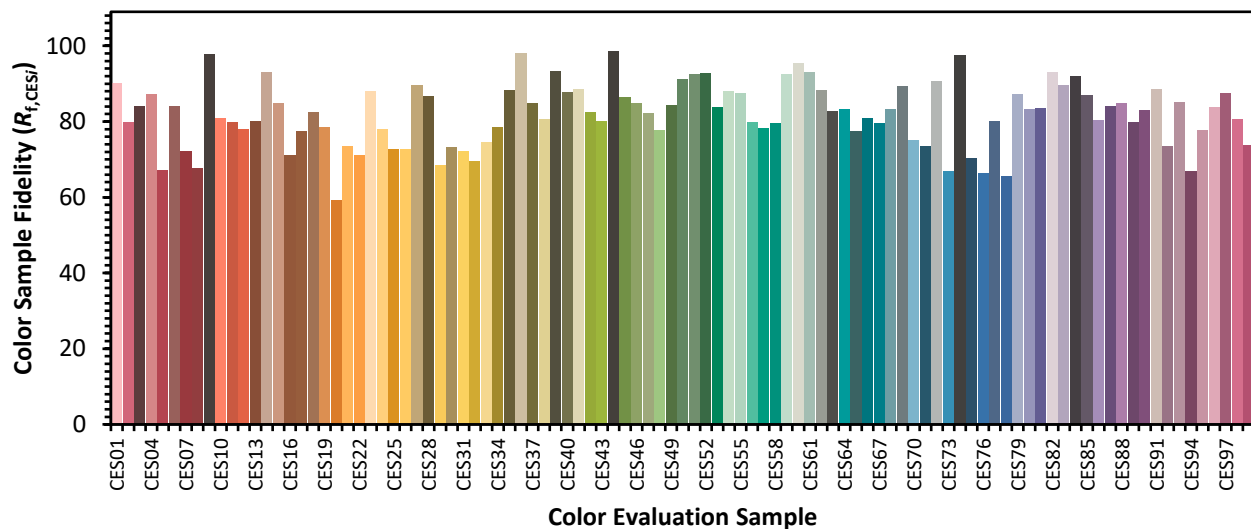


Color Vector Graphics

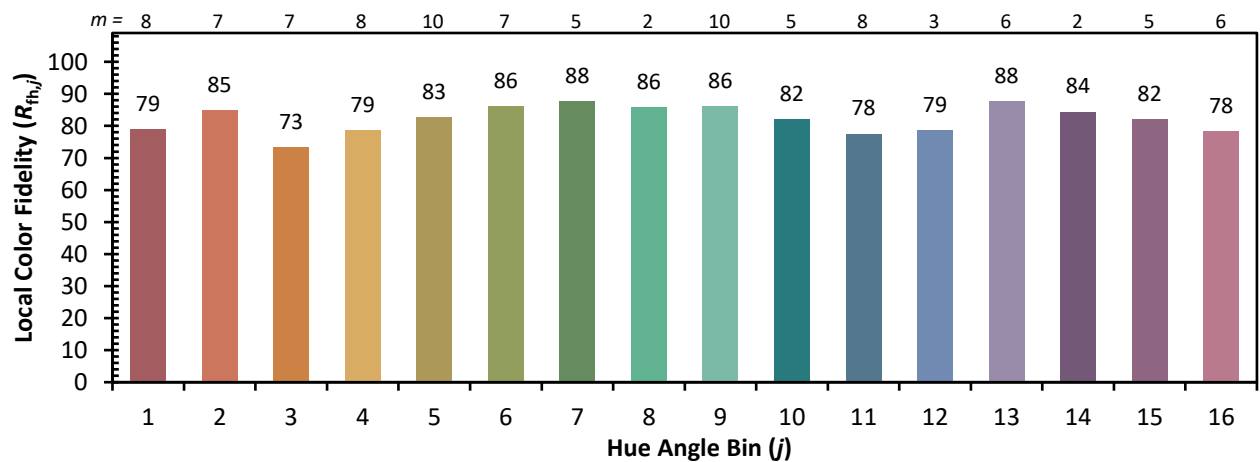
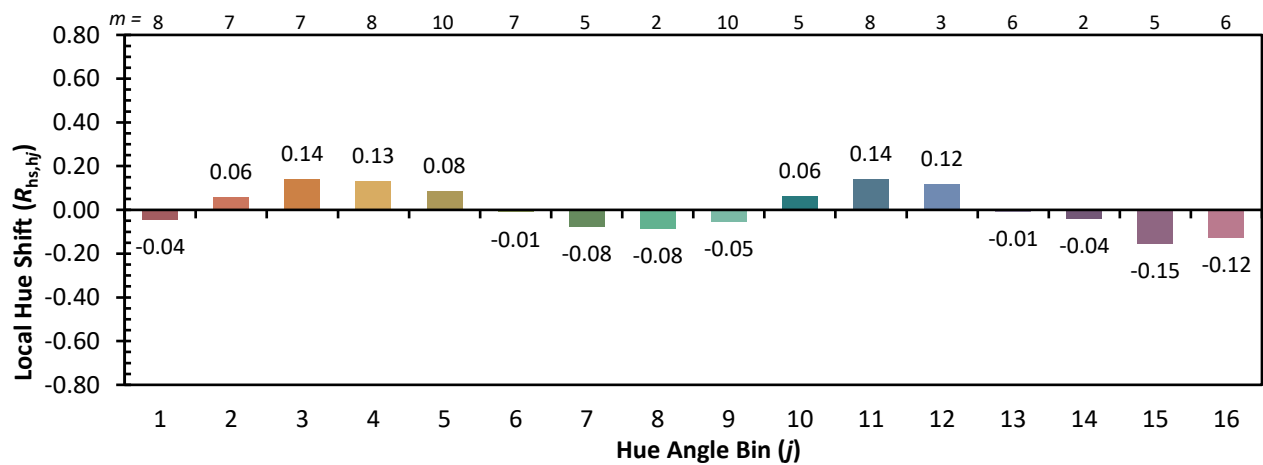
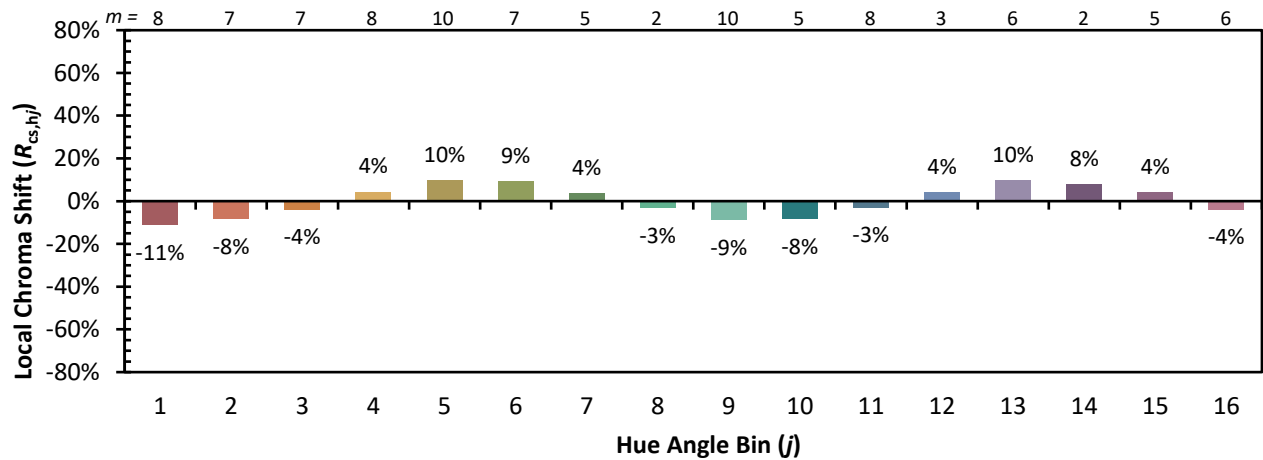


Individual Sample Fidelity Index ($R_{f,i}$)

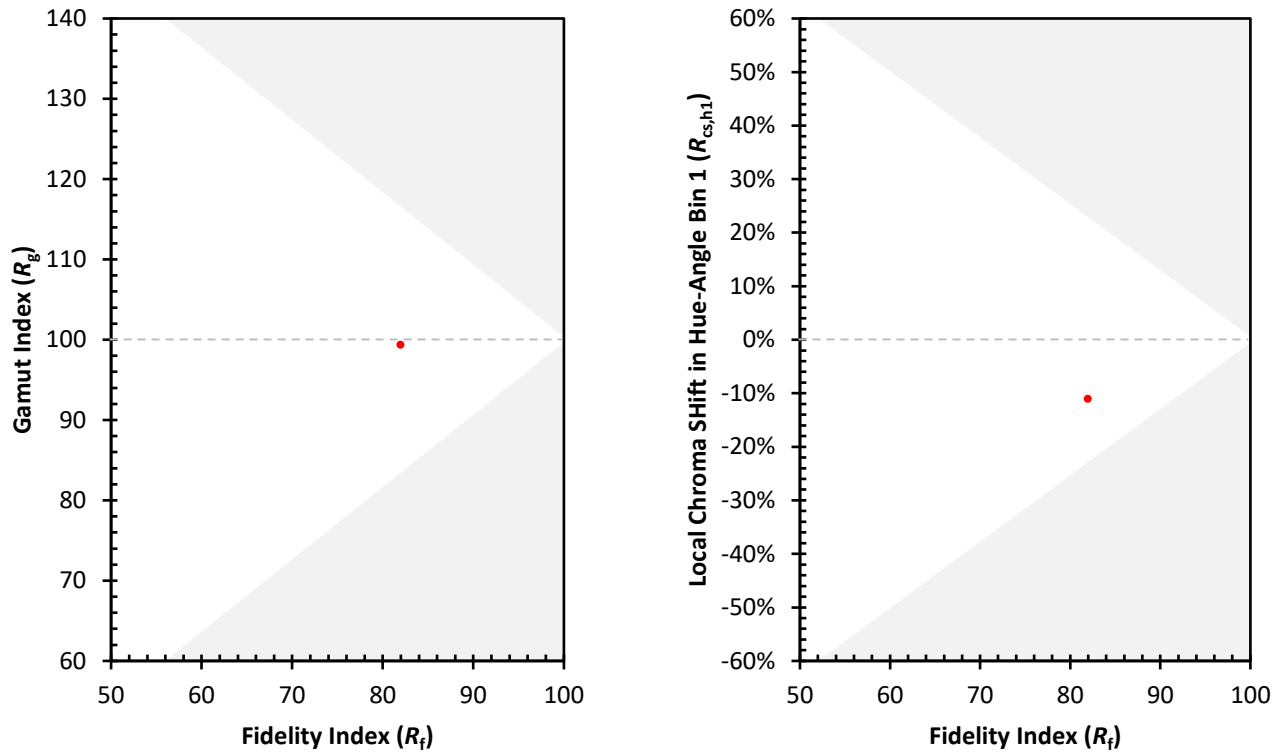
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)