

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: P1049226

Luminaire Tested: **GALN-SA5B-840-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049226
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5B-840-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE
80CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (70) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18509.8 lumens
Efficiency: N/A
Efficacy: 103.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

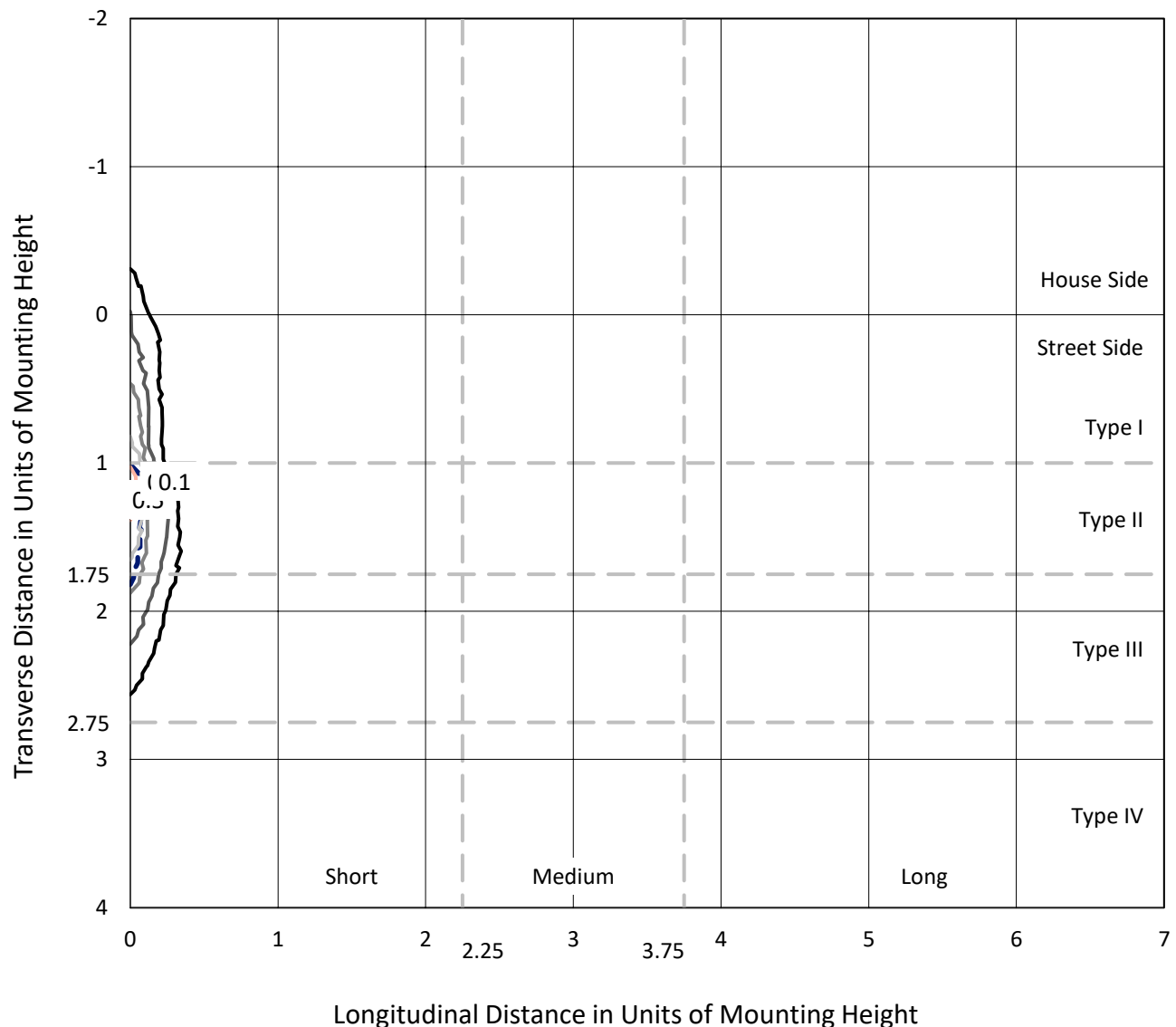
Input Watts (W): 178.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

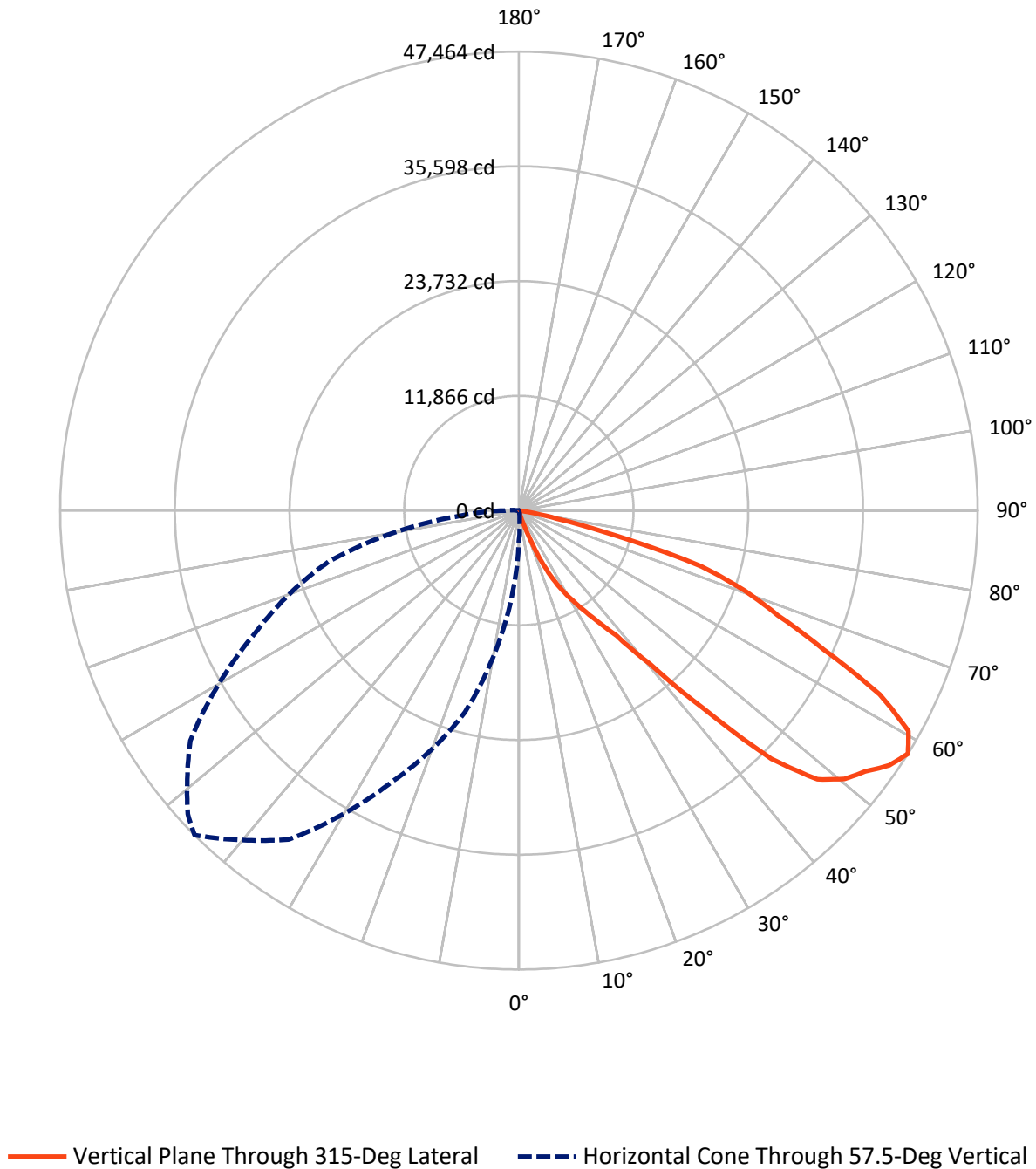
× Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



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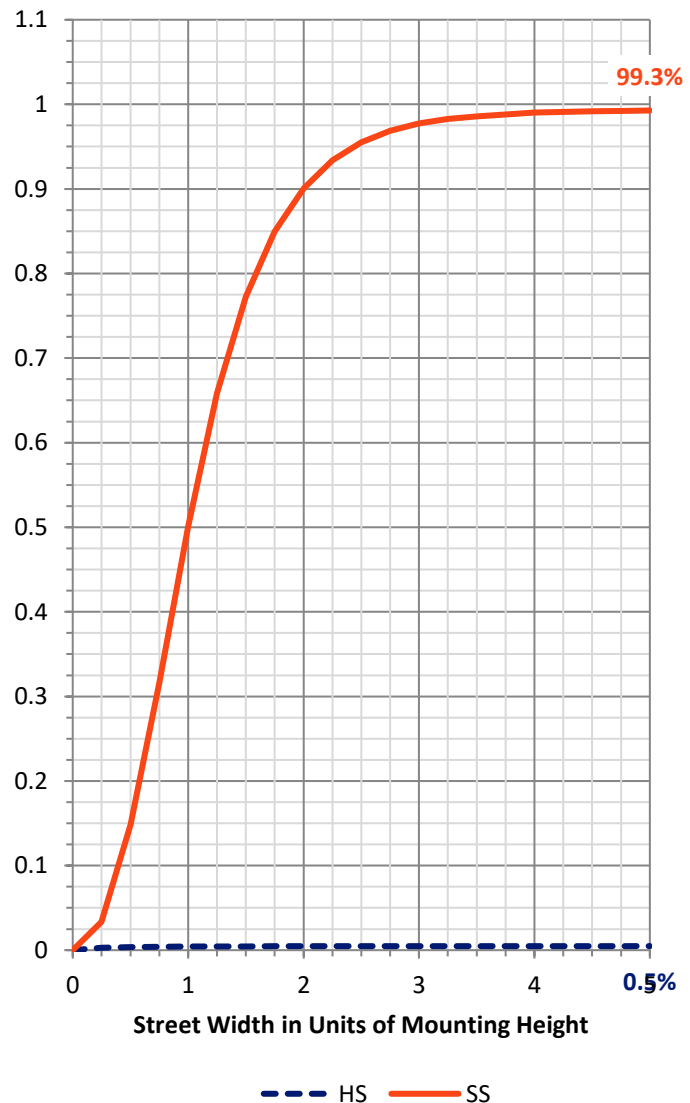
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	92.7	0.0	92.7
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	18417.1	0.0	18417.1
	% Fixture	99.5	0.0	99.5
Total	Lumens	18509.8	0.0	18509.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.3	0.0
10°-20°	40.7	0.2
20°-30°	438.7	2.4
30°-40°	1297.2	7.0
40°-50°	3866.0	20.9
50°-60°	6130.0	33.1
60°-70°	5117.1	27.6
70°-80°	1577.9	8.5
80°-90°	35.1	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	18509.8	100.0
0°-180°	18509.8	100.0

Coefficient of Utilization



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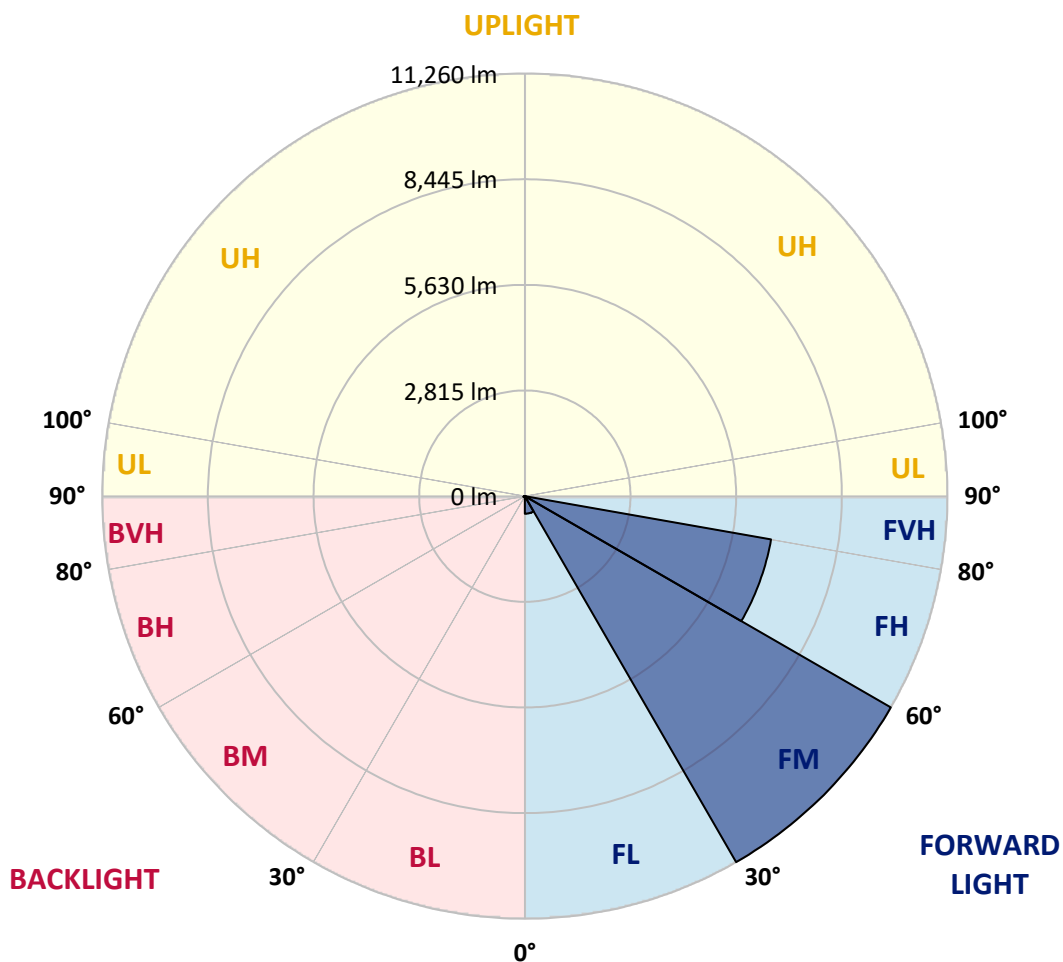
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	469.6	2.5			
FM	(30°-60°)	11260.0	60.8			
FH	(60°-80°)	6660.4	36.0			G3/7500
FVH	(80°-90°)	27.1	0.1			G1/100
BL	(0°-30°)	17.0	0.1	B0/110		
BM	(30°-60°)	33.1	0.2	B0/220		
BH	(60°-80°)	34.6	0.2	B0/110		G0/110
BVH	(80°-90°)	8.0	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
2.5°	74.1	74.1	74.1	74.1	72.7	72.7	71.3	71.3	69.9	69.9
5°	78.3	78.3	76.9	75.5	75.5	74.1	72.7	71.3	71.3	69.9
7.5°	85.3	83.9	82.5	81.1	78.3	76.9	74.1	72.7	71.3	68.5
10°	93.7	90.9	88.1	85.3	82.5	79.7	76.9	75.5	72.7	71.3
12.5°	104.9	100.7	95.1	90.9	88.1	83.9	81.1	78.3	74.1	71.3
15°	114.7	109.1	102.1	96.5	92.3	86.7	82.5	78.3	75.5	71.3
17.5°	128.7	118.9	107.7	100.7	95.1	88.1	81.1	76.9	72.7	67.1
20°	152.5	132.9	111.9	103.5	95.1	86.7	78.3	72.7	68.5	62.9
22.5°	190.2	156.7	123.1	110.5	99.3	86.7	75.5	69.9	64.3	58.7
25°	263.0	202.8	142.7	125.9	109.1	92.3	75.5	68.5	62.9	56.0
27.5°	349.7	260.2	169.3	145.5	123.1	99.3	75.5	67.1	60.1	51.8
30°	437.8	318.9	198.6	167.9	137.1	106.3	75.5	65.7	57.3	47.6
32.5°	521.7	373.5	223.8	187.4	151.1	113.3	76.9	65.7	54.6	43.4
35°	607.1	418.2	228.0	190.2	152.5	113.3	75.5	62.9	51.8	39.2
37.5°	716.2	468.6	219.6	181.8	145.5	107.7	71.3	60.1	49.0	36.4
40°	881.2	552.5	223.8	184.6	145.5	106.3	67.1	56.0	46.2	35.0
42.5°	1186.2	714.8	242.0	197.2	152.5	106.3	61.5	51.8	43.4	33.6
45°	2050.6	1187.6	324.5	257.4	190.2	123.1	56.0	47.6	40.6	32.2
47.5°	3392.0	1987.6	583.3	450.4	318.9	186.0	54.6	47.6	40.6	32.2
50°	4329.2	2531.8	734.4	565.1	395.9	226.6	57.3	49.0	42.0	33.6
52.5°	4322.2	2570.9	818.3	628.0	439.2	249.0	60.1	51.8	44.8	36.4
55°	3842.4	2338.7	833.7	640.6	449.0	256.0	64.3	56.0	47.6	39.2
57.5°	3211.6	1986.2	760.9	588.9	418.2	246.2	74.1	64.3	56.0	46.2
60°	2540.2	1566.6	593.1	468.6	345.5	221.0	97.9	85.3	74.1	61.5
62.5°	1754.1	1135.8	517.5	415.4	314.7	212.6	111.9	99.3	88.1	75.5
65°	1240.7	854.6	467.2	380.5	295.1	208.4	121.7	107.7	95.1	81.1
67.5°	927.4	679.8	430.8	356.7	282.6	208.4	134.3	117.5	102.1	85.3
70°	710.6	558.1	404.2	344.1	285.3	225.2	165.1	141.3	118.9	95.1
72.5°	579.1	477.0	373.5	330.1	286.7	243.4	200.0	169.3	138.5	106.3
75°	479.8	408.4	337.1	300.7	265.8	229.4	193.0	165.1	138.5	110.5
77.5°	318.9	290.9	261.6	240.6	219.6	197.2	176.2	152.5	130.1	106.3
80°	111.9	107.7	103.5	111.9	120.3	128.7	137.1	120.3	104.9	88.1
82.5°	16.8	15.4	14.0	15.4	16.8	18.2	19.6	21.0	22.4	23.8
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°	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
0.0	2.5°	68.5	68.5	67.1	67.1	67.1	65.7	65.7	64.3	64.3	64.3
0.0	5°	67.1	67.1	65.7	64.3	62.9	62.9	61.5	60.1	60.1	58.7
0.0	7.5°	65.7	64.3	62.9	61.5	60.1	58.7	57.3	56.0	56.0	54.6
0.0	10°	67.1	64.3	62.9	60.1	58.7	57.3	54.6	53.2	51.8	51.8
0.0	12.5°	64.3	62.9	60.1	57.3	56.0	53.2	51.8	49.0	47.6	47.6
0.0	15°	64.3	61.5	57.3	54.6	51.8	50.4	47.6	44.8	43.4	42.0
0.0	17.5°	60.1	57.3	53.2	50.4	47.6	44.8	42.0	39.2	37.8	36.4
0.0	20°	54.6	51.8	47.6	43.4	40.6	37.8	35.0	32.2	30.8	29.4
0.0	22.5°	49.0	46.2	42.0	37.8	35.0	32.2	28.0	25.2	23.8	21.0
0.0	25°	46.2	42.0	37.8	33.6	29.4	26.6	22.4	18.2	15.4	12.6
0.0	27.5°	39.2	35.0	30.8	26.6	22.4	18.2	14.0	9.8	7.0	5.6
0.0	30°	33.6	29.4	25.2	21.0	15.4	11.2	7.0	1.4	1.4	1.4
0.0	32.5°	28.0	23.8	18.2	14.0	11.2	7.0	4.2	0.0	0.0	0.0
0.0	35°	22.4	18.2	12.6	8.4	7.0	4.2	2.8	0.0	0.0	0.0
0.0	37.5°	19.6	15.4	9.8	4.2	2.8	2.8	1.4	0.0	0.0	0.0
0.0	40°	18.2	12.6	7.0	1.4	1.4	1.4	0.0	0.0	0.0	0.0
0.0	42.5°	18.2	12.6	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	18.2	12.6	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	18.2	12.6	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	19.6	14.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	22.4	16.8	11.2	5.6	4.2	2.8	1.4	0.0	0.0	0.0
0.0	55°	28.0	25.2	21.0	18.2	14.0	9.8	4.2	0.0	0.0	0.0
0.0	57.5°	36.4	36.4	35.0	33.6	25.2	16.8	8.4	0.0	0.0	0.0
0.0	60°	49.0	49.0	49.0	49.0	36.4	25.2	12.6	0.0	0.0	0.0
0.0	62.5°	60.1	57.3	53.2	50.4	37.8	25.2	12.6	0.0	0.0	0.0
0.0	65°	60.1	54.6	47.6	40.6	30.8	21.0	9.8	0.0	0.0	0.0
0.0	67.5°	56.0	44.8	32.2	21.0	15.4	11.2	5.6	0.0	0.0	0.0
	70°	56.0	39.2	22.4	5.6	4.2	2.8	1.4	0.0	0.0	0.0
	72.5°	56.0	37.8	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	61.5	42.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	61.5	42.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	54.6	36.4	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	18.2	12.6	5.6	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):

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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°	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
0.0	2.5°	62.9	62.9	62.9	61.5	61.5	61.5	61.5	60.1	60.1	60.1
0.0	5°	57.3	57.3	56.0	56.0	54.6	54.6	53.2	53.2	51.8	51.8
0.0	7.5°	53.2	51.8	51.8	50.4	49.0	49.0	47.6	47.6	46.2	44.8
0.0	10°	49.0	47.6	47.6	46.2	44.8	43.4	43.4	42.0	40.6	39.2
0.0	12.5°	44.8	43.4	42.0	40.6	39.2	37.8	37.8	36.4	35.0	33.6
0.0	15°	39.2	37.8	36.4	35.0	33.6	32.2	32.2	30.8	29.4	28.0
0.0	17.5°	33.6	32.2	32.2	30.8	29.4	28.0	26.6	23.8	22.4	21.0
0.0	20°	25.2	23.8	22.4	21.0	19.6	16.8	15.4	12.6	9.8	8.4
0.0	22.5°	16.8	14.0	12.6	9.8	7.0	5.6	4.2	1.4	0.0	0.0
0.0	25°	5.6	4.2	2.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049226

CATALOG NUMBER: GALN-SA5B-840-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049226

CATALOG NUMBER: GALN-SA5B-840-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
0.0	2.5°	58.7	58.7	58.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3
0.0	5°	50.4	50.4	50.4	49.0	49.0	47.6	47.6	47.6	46.2	46.2
0.0	7.5°	43.4	42.0	42.0	40.6	40.6	39.2	39.2	39.2	37.8	37.8
0.0	10°	36.4	35.0	35.0	33.6	33.6	32.2	32.2	30.8	30.8	29.4
0.0	12.5°	32.2	30.8	29.4	28.0	28.0	26.6	25.2	25.2	23.8	22.4
0.0	15°	25.2	23.8	22.4	21.0	19.6	18.2	16.8	16.8	15.4	14.0
0.0	17.5°	16.8	14.0	12.6	11.2	11.2	9.8	8.4	7.0	5.6	4.2
0.0	20°	4.2	2.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049226

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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049226

CATALOG NUMBER: GALN-SA5B-840-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°	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
0.0	2.5°	57.3	56.0	56.0	56.0	57.3	57.3	57.3	57.3	57.3	57.3
0.0	5°	46.2	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
0.0	7.5°	37.8	36.4	36.4	36.4	36.4	35.0	35.0	35.0	35.0	35.0
0.0	10°	29.4	28.0	28.0	28.0	28.0	26.6	26.6	26.6	26.6	26.6
0.0	12.5°	21.0	21.0	19.6	19.6	19.6	18.2	18.2	18.2	18.2	16.8
0.0	15°	12.6	11.2	9.8	9.8	9.8	8.4	8.4	8.4	8.4	7.0
0.0	17.5°	2.8	2.8	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049226

CATALOG NUMBER: GALN-SA5B-840-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
0.0	2.5°	58.7	58.7	60.1	60.1	61.5	64.3	65.7	67.1	69.9	72.7
0.0	5°	46.2	47.6	47.6	49.0	50.4	51.8	53.2	54.6	57.3	60.1
0.0	7.5°	36.4	36.4	37.8	37.8	39.2	42.0	43.4	44.8	47.6	51.8
0.0	10°	28.0	28.0	29.4	29.4	30.8	33.6	35.0	36.4	39.2	43.4
0.0	12.5°	18.2	19.6	19.6	21.0	22.4	25.2	26.6	28.0	30.8	33.6
0.0	15°	8.4	9.8	9.8	11.2	12.6	15.4	16.8	18.2	21.0	25.2
0.0	17.5°	1.4	1.4	2.8	2.8	4.2	5.6	7.0	8.4	12.6	15.4
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	5.6
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049226

CATALOG NUMBER: GALN-SA5B-840-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°	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
0.0	2.5°	76.9	79.7	82.5	85.3	88.1	90.9	92.3	95.1	96.5	97.9
0.0	5°	65.7	68.5	72.7	75.5	78.3	81.1	83.9	85.3	86.7	88.1
0.0	7.5°	57.3	60.1	64.3	67.1	69.9	72.7	75.5	78.3	79.7	81.1
0.0	10°	49.0	53.2	56.0	60.1	62.9	65.7	68.5	71.3	74.1	75.5
0.0	12.5°	39.2	43.4	47.6	50.4	54.6	58.7	61.5	64.3	67.1	69.9
0.0	15°	30.8	35.0	39.2	42.0	46.2	50.4	54.6	57.3	60.1	62.9
0.0	17.5°	22.4	26.6	30.8	33.6	37.8	42.0	44.8	49.0	51.8	54.6
0.0	20°	11.2	15.4	19.6	23.8	28.0	32.2	35.0	39.2	42.0	44.8
0.0	22.5°	1.4	5.6	9.8	12.6	16.8	21.0	23.8	28.0	30.8	33.6
0.0	25°	0.0	1.4	4.2	5.6	7.0	9.8	12.6	15.4	18.2	21.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.4	2.8	5.6	8.4	11.2
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4	2.8
	85°	0.0	0.0	0.0	0.0	0.0	2.8	4.2	7.0	8.4	9.8
	87.5°	0.0	1.4	2.8	4.2	5.6	8.4	11.2	14.0	15.4	16.8
	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: P1049226

CATALOG NUMBER: GALN-SA5B-840-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
81.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.4											
5.6											
12.6											
18.2											
0.0											
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REPORT NUMBER: P1049226

CATALOG NUMBER: GALN-SA5B-840-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
0.0	2.5°	99.3	99.3	99.3	99.3	97.9	97.9	97.9	96.5	96.5	95.1
0.0	5°	90.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	90.9	90.9
0.0	7.5°	83.9	85.3	86.7	86.7	88.1	88.1	88.1	86.7	86.7	85.3
0.0	10°	79.7	81.1	81.1	82.5	82.5	82.5	82.5	82.5	82.5	82.5
0.0	12.5°	74.1	75.5	76.9	76.9	78.3	78.3	78.3	78.3	76.9	76.9
0.0	15°	67.1	69.9	71.3	72.7	72.7	74.1	74.1	74.1	74.1	74.1
0.0	17.5°	61.5	64.3	65.7	67.1	67.1	68.5	68.5	69.9	69.9	69.9
0.0	20°	50.4	53.2	54.6	57.3	58.7	60.1	61.5	62.9	62.9	64.3
0.0	22.5°	39.2	42.0	43.4	46.2	47.6	49.0	50.4	51.8	53.2	54.6
0.0	25°	28.0	30.8	32.2	35.0	36.4	37.8	39.2	40.6	40.6	42.0
0.0	27.5°	15.4	18.2	21.0	22.4	25.2	26.6	28.0	29.4	30.8	32.2
0.0	30°	7.0	8.4	9.8	12.6	14.0	15.4	16.8	19.6	21.0	22.4
0.0	32.5°	0.0	0.0	1.4	4.2	5.6	7.0	8.4	9.8	9.8	11.2
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.8	4.2	5.6
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°	2.8	2.8	2.8	4.2	4.2	4.2	4.2	4.2	4.2	4.2
	82.5°	7.0	8.4	9.8	9.8	11.2	11.2	11.2	11.2	9.8	9.8
	85°	14.0	15.4	16.8	16.8	18.2	18.2	18.2	18.2	18.2	18.2
	87.5°	19.6	21.0	22.4	22.4	23.8	23.8	23.8	23.8	23.8	23.8
	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: P1049226

CATALOG NUMBER: GALN-SA5B-840-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
81.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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											
4.2											
9.8											
18.2											
23.8											
0.0											
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REPORT NUMBER: P1049226

CATALOG NUMBER: GALN-SA5B-840-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°	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
0.0	2.5°	93.7	93.7	92.3	92.3	92.3	92.3	92.3	93.7	95.1	95.1
0.0	5°	89.5	89.5	88.1	88.1	88.1	89.5	89.5	90.9	92.3	93.7
0.0	7.5°	85.3	83.9	83.9	85.3	85.3	86.7	86.7	88.1	89.5	90.9
0.0	10°	82.5	81.1	81.1	81.1	82.5	82.5	83.9	85.3	86.7	88.1
0.0	12.5°	76.9	76.9	76.9	76.9	78.3	78.3	79.7	81.1	83.9	85.3
0.0	15°	74.1	72.7	72.7	72.7	72.7	74.1	74.1	76.9	79.7	81.1
0.0	17.5°	68.5	68.5	67.1	67.1	68.5	68.5	69.9	72.7	75.5	76.9
0.0	20°	62.9	61.5	60.1	60.1	61.5	61.5	62.9	65.7	68.5	69.9
0.0	22.5°	54.6	53.2	53.2	53.2	53.2	54.6	54.6	57.3	61.5	64.3
0.0	25°	43.4	44.8	44.8	46.2	46.2	47.6	49.0	51.8	56.0	58.7
0.0	27.5°	33.6	35.0	35.0	37.8	39.2	40.6	42.0	46.2	50.4	53.2
0.0	30°	25.2	26.6	28.0	29.4	32.2	35.0	37.8	42.0	46.2	49.0
0.0	32.5°	15.4	18.2	19.6	22.4	25.2	28.0	30.8	35.0	40.6	44.8
0.0	35°	11.2	12.6	15.4	16.8	19.6	22.4	25.2	30.8	35.0	40.6
0.0	37.5°	5.6	8.4	11.2	14.0	16.8	19.6	22.4	28.0	33.6	37.8
0.0	40°	4.2	7.0	8.4	11.2	15.4	18.2	21.0	26.6	32.2	37.8
0.0	42.5°	2.8	4.2	5.6	9.8	12.6	16.8	21.0	26.6	32.2	37.8
0.0	45°	2.8	2.8	4.2	8.4	12.6	18.2	22.4	28.0	32.2	37.8
0.0	47.5°	2.8	4.2	5.6	11.2	14.0	18.2	22.4	26.6	32.2	36.4
0.0	50°	4.2	5.6	7.0	12.6	15.4	19.6	22.4	28.0	32.2	37.8
0.0	52.5°	2.8	4.2	5.6	11.2	15.4	21.0	25.2	30.8	36.4	40.6
0.0	55°	1.4	1.4	1.4	8.4	16.8	23.8	32.2	36.4	42.0	46.2
0.0	57.5°	0.0	0.0	0.0	5.6	16.8	26.6	36.4	42.0	47.6	51.8
0.0	60°	0.0	0.0	0.0	5.6	16.8	26.6	36.4	43.4	50.4	57.3
0.0	62.5°	0.0	0.0	0.0	5.6	14.0	22.4	30.8	42.0	54.6	65.7
0.0	65°	0.0	0.0	0.0	4.2	11.2	18.2	25.2	42.0	58.7	74.1
0.0	67.5°	0.0	0.0	0.0	4.2	11.2	16.8	23.8	42.0	58.7	76.9
	70°	0.0	0.0	0.0	4.2	11.2	18.2	25.2	42.0	58.7	75.5
	72.5°	0.0	0.0	0.0	4.2	12.6	19.6	28.0	42.0	56.0	69.9
	75°	0.0	0.0	0.0	5.6	12.6	21.0	29.4	42.0	54.6	65.7
	77.5°	0.0	0.0	0.0	4.2	12.6	19.6	28.0	40.6	53.2	64.3
	80°	4.2	2.8	2.8	7.0	12.6	18.2	23.8	36.4	50.4	62.9
	82.5°	8.4	8.4	7.0	9.8	12.6	16.8	21.0	32.2	44.8	56.0
	85°	16.8	16.8	15.4	16.8	16.8	18.2	19.6	25.2	30.8	36.4
	87.5°	22.4	22.4	21.0	21.0	21.0	19.6	19.6	19.6	19.6	18.2
	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: P1049226

CATALOG NUMBER: GALN-SA5B-840-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
81.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.3											
83.9											
78.3											
76.9											
75.5											
67.1											
42.0											
18.2											
0.0											
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REPORT NUMBER: P1049226

CATALOG NUMBER: GALN-SA5B-840-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
0.0	2.5°	97.9	99.3	99.3	100.7	102.1	103.5	103.5	104.9	104.9	104.9
0.0	5°	96.5	99.3	100.7	102.1	103.5	104.9	106.3	107.7	109.1	109.1
0.0	7.5°	95.1	96.5	99.3	100.7	103.5	104.9	107.7	109.1	110.5	111.9
0.0	10°	92.3	95.1	97.9	100.7	103.5	106.3	109.1	111.9	114.7	116.1
0.0	12.5°	89.5	93.7	96.5	99.3	103.5	107.7	110.5	114.7	117.5	120.3
0.0	15°	88.1	90.9	95.1	97.9	103.5	109.1	113.3	118.9	124.5	128.7
0.0	17.5°	83.9	89.5	93.7	97.9	103.5	110.5	116.1	121.7	130.1	138.5
0.0	20°	78.3	82.5	88.1	92.3	100.7	107.7	116.1	123.1	135.7	148.3
0.0	22.5°	72.7	78.3	82.5	88.1	97.9	106.3	116.1	124.5	145.5	165.1
0.0	25°	67.1	74.1	79.7	85.3	96.5	107.7	118.9	130.1	165.1	200.0
0.0	27.5°	64.3	69.9	76.9	82.5	96.5	111.9	125.9	139.9	195.8	250.4
0.0	30°	60.1	67.1	72.7	79.7	97.9	116.1	134.3	152.5	237.8	323.1
0.0	32.5°	56.0	62.9	69.9	76.9	100.7	124.5	146.9	170.6	282.6	393.1
0.0	35°	51.8	60.1	67.1	74.1	104.9	137.1	167.9	198.6	323.1	446.2
0.0	37.5°	50.4	58.7	65.7	72.7	106.3	138.5	172.0	204.2	327.3	450.4
0.0	40°	51.8	58.7	67.1	74.1	102.1	130.1	156.7	184.6	313.3	440.6
0.0	42.5°	51.8	60.1	68.5	76.9	99.3	121.7	144.1	166.5	309.1	451.8
0.0	45°	50.4	58.7	67.1	75.5	96.5	116.1	137.1	156.7	334.3	510.5
0.0	47.5°	49.0	57.3	65.7	74.1	95.1	116.1	137.1	158.1	432.2	705.0
0.0	50°	49.0	57.3	64.3	71.3	96.5	123.1	148.3	173.4	629.4	1084.0
0.0	52.5°	51.8	58.7	64.3	69.9	99.3	130.1	159.5	188.8	800.1	1410.0
0.0	55°	56.0	60.1	65.7	69.9	106.3	141.3	177.6	212.6	851.8	1491.1
0.0	57.5°	61.5	65.7	69.9	74.1	118.9	163.7	207.0	251.8	856.0	1458.9
0.0	60°	68.5	74.1	78.3	82.5	130.1	179.0	226.6	274.2	774.9	1274.3
0.0	62.5°	83.9	90.9	96.5	103.5	149.7	194.4	240.6	285.3	643.4	1001.5
0.0	65°	96.5	102.1	107.7	113.3	158.1	204.2	249.0	293.7	545.5	797.3
0.0	67.5°	99.3	104.9	109.1	114.7	160.9	207.0	251.8	297.9	467.2	635.0
	70°	100.7	107.7	116.1	123.1	170.6	218.2	264.4	311.9	414.0	516.1
	72.5°	96.5	110.5	123.1	135.7	180.4	223.8	268.6	311.9	384.7	457.4
	75°	96.5	116.1	134.3	152.5	186.0	218.2	251.8	283.9	339.9	395.9
	77.5°	102.1	127.3	152.5	177.6	197.2	215.4	235.0	253.2	289.5	325.9
	80°	102.1	128.7	153.9	180.4	188.8	198.6	207.0	215.4	219.6	223.8
	82.5°	88.1	109.1	130.1	151.1	141.3	131.5	121.7	111.9	104.9	96.5
	85°	44.8	49.0	51.8	54.6	50.4	46.2	42.0	37.8	35.0	30.8
	87.5°	18.2	18.2	16.8	16.8	16.8	16.8	15.4	15.4	15.4	15.4
	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: P1049226

CATALOG NUMBER: GALN-SA5B-840-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
81.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
219.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
297.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
414.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
560.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
795.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
867.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
938.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1078.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1358.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2070.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3171.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3992.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4083.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3684.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3150.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2461.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1860.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1373.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
972.1											
723.2											
525.9											
395.9											
222.4											
100.7											
29.4											
14.0											
0.0											
0.0											
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REPORT NUMBER: P1049226

CATALOG NUMBER: GALN-SA5B-840-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°	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
0.0	2.5°	104.9	103.5	103.5	102.1	100.7	99.3	97.9	96.5	95.1	93.7
0.0	5°	109.1	109.1	109.1	107.7	107.7	106.3	106.3	104.9	103.5	102.1
0.0	7.5°	113.3	114.7	114.7	116.1	116.1	116.1	116.1	114.7	114.7	114.7
0.0	10°	120.3	121.7	123.1	124.5	125.9	127.3	127.3	128.7	128.7	128.7
0.0	12.5°	128.7	132.9	135.7	139.9	142.7	146.9	149.7	153.9	156.7	159.5
0.0	15°	141.3	148.3	156.7	163.7	170.6	180.4	191.6	201.4	211.2	226.6
0.0	17.5°	159.5	181.8	204.2	225.2	247.6	296.5	345.5	393.1	442.0	513.3
0.0	20°	194.4	261.6	327.3	394.5	460.2	632.2	802.9	974.9	1145.6	1328.8
0.0	22.5°	272.8	437.8	602.9	767.9	933.0	1292.5	1650.5	2010.0	2368.1	2789.1
0.0	25°	395.9	699.4	1002.9	1305.0	1608.6	2170.9	2734.6	3296.9	3859.2	4406.1
0.0	27.5°	576.3	1040.7	1505.1	1968.1	2432.5	3194.8	3958.5	4720.8	5483.2	6101.4
0.0	30°	798.7	1428.1	2057.6	2687.0	3316.5	4183.7	5050.9	5916.8	6784.0	7459.6
0.0	32.5°	1008.5	1779.2	2550.0	3319.3	4090.0	5077.5	6066.5	7054.0	8041.5	8780.1
0.0	35°	1145.6	2077.2	3010.1	3941.7	4873.3	5942.0	7010.6	8077.9	9146.5	9990.0
0.0	37.5°	1282.7	2358.3	3432.6	4508.2	5582.5	6756.0	7929.6	9103.2	10276.7	11318.8
0.0	40°	1436.5	2698.2	3958.5	5220.2	6480.5	7870.9	9259.8	10650.2	12039.2	13509.3
0.0	42.5°	1703.7	3261.9	4821.5	6379.8	7938.0	9777.4	11616.8	13454.7	15294.1	17392.3
0.0	45°	2205.9	4401.9	6599.4	8795.4	10991.5	13428.2	15866.2	18302.9	20739.5	23531.4
0.0	47.5°	3435.4	6456.7	9476.6	12498.0	15517.9	18149.0	20778.7	23409.8	26039.4	28820.2
0.0	50°	5256.6	8773.1	12289.6	15804.7	19321.2	21701.9	24081.2	26461.9	28841.2	31486.2
0.0	52.5°	6574.2	10237.6	13902.3	17565.7	21229.1	23377.6	25527.5	27676.0	29824.5	32296.1
0.0	55°	6673.5	10315.9	13959.7	17602.1	21244.5	23402.8	25561.1	27719.4	29877.7	32497.5
0.0	57.5°	5908.4	9521.4	13133.0	16746.0	20357.6	22815.3	25271.5	27729.1	30185.4	33017.9
0.0	60°	5025.8	8640.2	12253.2	15867.6	19480.6	22311.7	25144.2	27975.3	30806.4	33459.9
0.0	62.5°	3920.7	7638.7	11358.0	15075.9	18793.8	21668.3	24542.8	27415.8	30290.3	32280.7
0.0	65°	2922.0	6532.2	10142.5	13751.3	17361.5	19663.9	21966.2	24267.2	26569.6	27801.9
0.0	67.5°	2112.1	5225.8	8338.0	11451.7	14564.0	16211.7	17859.5	19505.8	21153.5	22096.3
	70°	1428.1	3585.0	5740.5	7897.4	10052.9	11406.9	12762.3	14116.4	15470.4	16743.2
	72.5°	988.9	2200.3	3413.0	4624.3	5835.7	7198.1	8559.1	9921.5	11282.5	12629.5
	75°	656.0	1207.1	1759.6	2310.8	2861.9	3870.4	4880.3	5888.8	6897.3	7700.2
	77.5°	465.8	630.8	797.3	962.4	1127.4	1316.2	1506.5	1695.3	1884.1	2170.9
	80°	221.0	242.0	263.0	282.6	303.5	372.1	440.6	509.2	577.7	650.4
	82.5°	104.9	113.3	121.7	128.7	137.1	144.1	151.1	158.1	165.1	158.1
	85°	28.0	28.0	29.4	29.4	29.4	29.4	29.4	29.4	29.4	28.0
	87.5°	12.6	12.6	12.6	12.6	12.6	12.6	12.6	11.2	11.2	9.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
81.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
243.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
583.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1513.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3210.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4953.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6719.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8136.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9520.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10833.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12362.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14979.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19490.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26323.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31600.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34131.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34767.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35118.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35850.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36112.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34272.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29035.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23040.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18014.7											
13976.5											
8503.1											
2457.6											
723.2											
149.7											
26.6											
9.8											
0.0											
0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
0.0	2.5°	90.9	89.5	88.1	86.7	85.3	82.5	82.5	81.1	81.1
0.0	5°	99.3	97.9	96.5	95.1	95.1	93.7	92.3	92.3	90.9
0.0	7.5°	113.3	111.9	110.5	109.1	109.1	107.7	107.7	106.3	106.3
0.0	10°	130.1	130.1	130.1	130.1	130.1	128.7	128.7	128.7	127.3
0.0	12.5°	163.7	165.1	167.9	170.6	174.8	174.8	174.8	173.4	173.4
0.0	15°	258.8	274.2	285.3	296.5	306.3	328.7	325.9	321.7	318.9
0.0	17.5°	654.6	724.6	762.3	798.7	836.5	940.0	923.2	906.4	891.0
0.0	20°	1696.7	1879.9	2001.6	2123.3	2246.4	2440.8	2393.3	2345.7	2298.2
0.0	22.5°	3629.8	4050.8	4234.1	4417.3	4599.1	4834.1	4681.7	4529.2	4378.1
0.0	25°	5498.6	6045.5	6354.6	6663.7	6971.5	7105.7	6907.1	6707.1	6508.5
0.0	27.5°	7337.9	7956.2	8228.9	8500.3	8773.1	9054.2	8808.0	8560.5	8314.3
0.0	30°	8812.2	9487.8	9783.0	10076.7	10371.9	10567.7	10313.1	10057.1	9802.6
0.0	32.5°	10258.6	10997.1	11320.2	11643.3	11965.0	12246.2	11932.9	11618.2	11304.8
0.0	35°	11675.5	12519.0	12963.8	13408.6	13853.4	14115.0	13742.9	13369.4	12997.3
0.0	37.5°	13404.4	14446.5	14944.4	15442.4	15940.3	16417.3	16007.5	15596.2	15186.4
0.0	40°	16449.5	17919.6	18683.3	19448.5	20212.2	20827.6	20310.1	19792.5	19275.0
0.0	42.5°	21588.6	23686.7	24784.7	25881.4	26979.4	27940.4	27396.2	26852.1	26308.0
0.0	45°	29115.3	31907.3	33245.9	34583.1	35921.7	36623.9	35840.6	35055.9	34272.6
0.0	47.5°	34380.3	37161.0	38352.8	39544.5	40736.3	41537.8	40579.6	39621.5	38664.7
0.0	50°	36775.0	39420.0	40616.0	41810.5	43006.5	43642.9	42536.5	41428.7	40322.2
0.0	52.5°	37238.0	39709.6	41136.3	42564.5	43991.2	44841.7	43535.2	42227.4	40920.9
0.0	55°	37738.7	40358.6	42013.4	43669.5	45324.2	46502.0	45024.9	43546.4	42069.3
0.0	57.5°	38681.5	41514.0	43164.5	44813.7	46464.2	47464.3	45983.1	44500.4	43019.1
0.0	60°	38765.4	41417.5	42835.8	44255.6	45673.9	46303.4	44886.4	43468.1	42051.1
0.0	62.5°	36263.0	38253.5	39238.2	40222.9	41207.7	41891.7	40413.2	38933.3	37454.8
0.0	65°	30267.9	31500.2	32284.9	33069.6	33854.3	34669.8	33315.8	31961.8	30607.8
0.0	67.5°	23983.3	24926.0	25959.7	26993.4	28027.1	28898.5	27814.5	26729.0	25645.0
	70°	19287.6	20559.1	21721.4	22883.8	24046.2	24759.6	23671.3	22581.7	21493.4
	72.5°	15323.5	16670.5	17641.2	18610.6	19581.3	19756.2	18956.1	18156.0	17357.3
	75°	9304.6	10107.5	10127.1	10145.3	10164.8	10331.3	9668.3	9005.3	8343.6
	77.5°	2744.4	3031.1	3267.5	3502.5	3738.9	4024.3	3780.9	3536.1	3292.7
	80°	794.5	867.2	928.8	988.9	1050.5	1014.1	956.8	899.4	842.1
	82.5°	142.7	134.3	132.9	131.5	131.5	124.5	113.3	102.1	90.9
	85°	25.2	23.8	22.4	21.0	19.6	18.2	15.4	14.0	11.2
	87.5°	8.4	7.0	5.6	4.2	4.2	1.4	1.4	1.4	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049226

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CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
0.0	0.0	2.5°	79.7	78.3	78.3	78.3	78.3	76.9	76.9	76.9	76.9
0.0	0.0	5°	88.1	88.1	86.7	86.7	85.3	85.3	83.9	83.9	82.5
0.0	0.0	7.5°	103.5	102.1	100.7	99.3	97.9	95.1	93.7	92.3	92.3
0.0	0.0	10°	124.5	121.7	120.3	117.5	116.1	113.3	110.5	107.7	104.9
0.0	0.0	12.5°	163.7	158.1	153.9	148.3	142.7	138.5	132.9	128.7	123.1
0.0	0.0	15°	283.9	270.0	254.6	236.4	216.8	198.6	179.0	167.9	155.3
0.0	0.0	17.5°	726.0	653.2	579.1	518.9	458.8	400.0	339.9	296.5	253.2
0.0	0.0	20°	1847.8	1646.3	1444.9	1246.3	1046.3	847.7	647.6	546.9	446.2
0.0	0.0	22.5°	3477.3	3103.9	2729.0	2366.7	2003.0	1640.8	1278.5	1050.5	823.9
0.0	0.0	25°	5367.1	4897.1	4427.1	3831.2	3233.9	2638.1	2042.2	1671.5	1300.9
0.0	0.0	27.5°	6984.0	6442.7	5901.4	5176.8	4452.3	3727.7	3003.2	2450.6	1899.5
0.0	0.0	30°	8384.2	7802.3	7220.4	6377.0	5533.5	4690.1	3846.6	3155.6	2464.6
0.0	0.0	32.5°	9598.3	8901.8	8205.2	7335.1	6465.1	5595.1	4725.0	3877.4	3029.7
0.0	0.0	35°	10998.5	10185.8	9371.7	8406.6	7440.0	6474.9	5509.7	4553.0	3594.8
0.0	0.0	37.5°	12777.7	11780.4	10781.7	9706.0	8630.4	7556.1	6480.5	5386.6	4292.8
0.0	0.0	40°	16183.7	14896.9	13610.0	12243.4	10875.4	9508.8	8142.2	6799.4	5456.6
0.0	0.0	42.5°	22286.5	20547.9	18809.2	16990.8	15171.0	13352.6	11532.8	9638.9	7743.6
0.0	0.0	45°	29174.1	27017.2	24858.9	22818.1	20775.9	18735.1	16694.3	14095.4	11496.5
0.0	0.0	47.5°	33047.3	30718.3	28389.4	26457.7	24526.0	22594.3	20662.6	17860.9	15059.1
0.0	0.0	50°	34472.6	32101.7	29730.8	27953.0	26173.7	24395.9	22616.7	19810.7	17003.4
0.0	0.0	52.5°	34776.1	32357.7	29939.2	28150.2	26361.2	24573.5	22784.5	19996.8	17209.0
0.0	0.0	55°	35400.0	32805.3	30209.2	28169.8	26130.4	24091.0	22051.6	19219.1	16386.6
0.0	0.0	57.5°	36215.5	33555.0	30894.6	28571.2	26247.9	23925.9	21602.6	18505.7	15408.8
0.0	0.0	60°	36001.5	33686.5	31370.1	28881.7	26391.9	23903.5	21413.7	18007.7	14600.3
0.0	0.0	62.5°	32286.3	30442.8	28597.8	26551.4	24503.6	22457.2	20410.8	16904.1	13397.4
0.0	0.0	65°	26561.2	25215.6	23870.0	22223.6	20575.9	18929.5	17283.2	14138.7	10995.7
0.0	0.0	67.5°	21527.0	20010.8	18493.1	17181.0	15867.6	14555.6	13242.1	10767.7	8293.3
		70°	17102.7	15453.6	13803.0	12521.8	11239.1	9957.8	8676.5	7031.6	5388.0
		72.5°	13582.0	12095.1	10608.2	9241.7	7873.7	6507.1	5139.1	4166.9	3194.8
		75°	6491.7	5897.2	5302.7	4588.0	3873.2	3158.4	2443.6	2019.8	1597.4
		77.5°	2405.9	2085.6	1763.8	1472.9	1182.0	892.4	601.5	551.1	500.8
		80°	622.5	542.7	461.6	404.2	345.5	288.1	230.8	208.4	187.4
		82.5°	71.3	65.7	61.5	58.7	54.6	51.8	47.6	43.4	39.2
		85°	4.2	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049226

CATALOG NUMBER: GALN-SA5B-840-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	81.1	81.1
0.0	0.0	2.5°	75.5	74.1
0.0	0.0	5°	79.7	78.3
0.0	0.0	7.5°	88.1	85.3
0.0	0.0	10°	96.5	93.7
0.0	0.0	12.5°	109.1	104.9
0.0	0.0	15°	123.1	114.7
0.0	0.0	17.5°	146.9	128.7
0.0	0.0	20°	198.6	152.5
0.0	0.0	22.5°	279.8	190.2
0.0	0.0	25°	411.2	263.0
0.0	0.0	27.5°	572.1	349.7
0.0	0.0	30°	760.9	437.8
0.0	0.0	32.5°	927.4	521.7
0.0	0.0	35°	1144.2	607.1
0.0	0.0	37.5°	1411.4	716.2
0.0	0.0	40°	1825.4	881.2
0.0	0.0	42.5°	2570.9	1186.2
0.0	0.0	45°	4175.3	2050.6
0.0	0.0	47.5°	6424.5	3392.0
0.0	0.0	50°	7859.7	4329.2
0.0	0.0	52.5°	7977.2	4322.2
0.0	0.0	55°	7282.0	3842.4
0.0	0.0	57.5°	6213.3	3211.6
0.0	0.0	60°	5164.2	2540.2
0.0	0.0	62.5°	4069.0	1754.1
0.0	0.0	65°	2973.8	1240.7
0.0	0.0	67.5°	2135.9	927.4
		70°	1404.4	710.6
		72.5°	914.8	579.1
		75°	615.5	479.8
		77.5°	359.5	318.9
		80°	127.3	111.9
		82.5°	23.8	16.8
		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: P1049226

CATALOG NUMBER: GALN-SA5B-840-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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

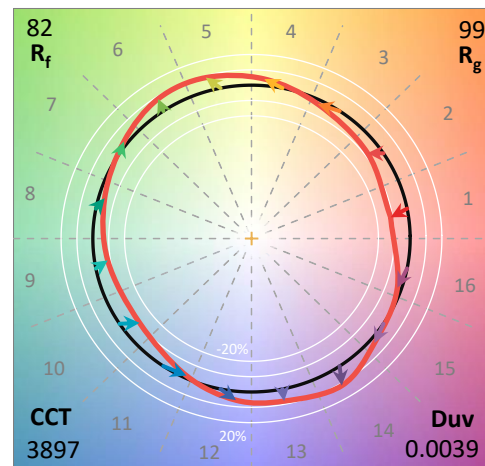
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-11
 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-840-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3897
 CIE u' : 0.2249
 CIE v' : 0.5084
 Duv: 0.0039
 CIE x: 0.3882
 CIE y: 0.3900
 CIE z: 0.2218
 Peak Wavelength (nm): 445
 Dominant Wavelength (nm): 577
 Purity: 33.54925
 R_f: 81.8
 R_g: 98.6

CRI (Ra): 80.2
 R1: 78.9
 R2: 83.5
 R3: 88.3
 R4: 82.1
 R5: 78.8
 R6: 78.4
 R7: 85.8
 R8: 65.8
 R9: 6.7
 R10: 61.9
 R11: 81.9
 R12: 58.9
 R13: 79.2
 R14: 93.2
 R15: 71.9



Test Conditions

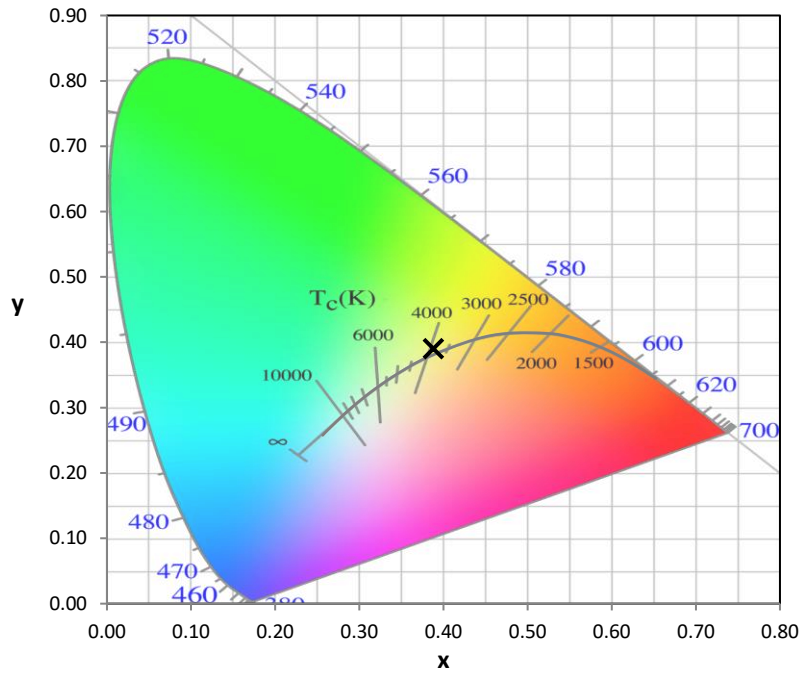
Stabilization Time: 24M
 Operation Time: 1H 24M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-11

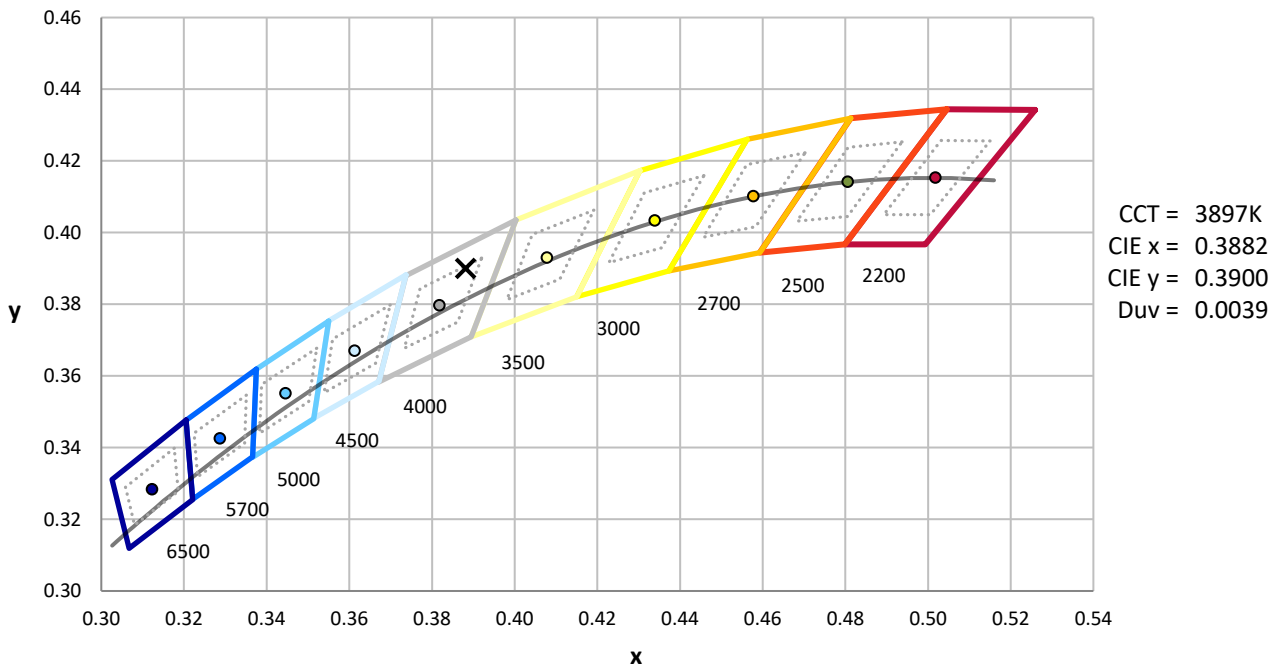
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



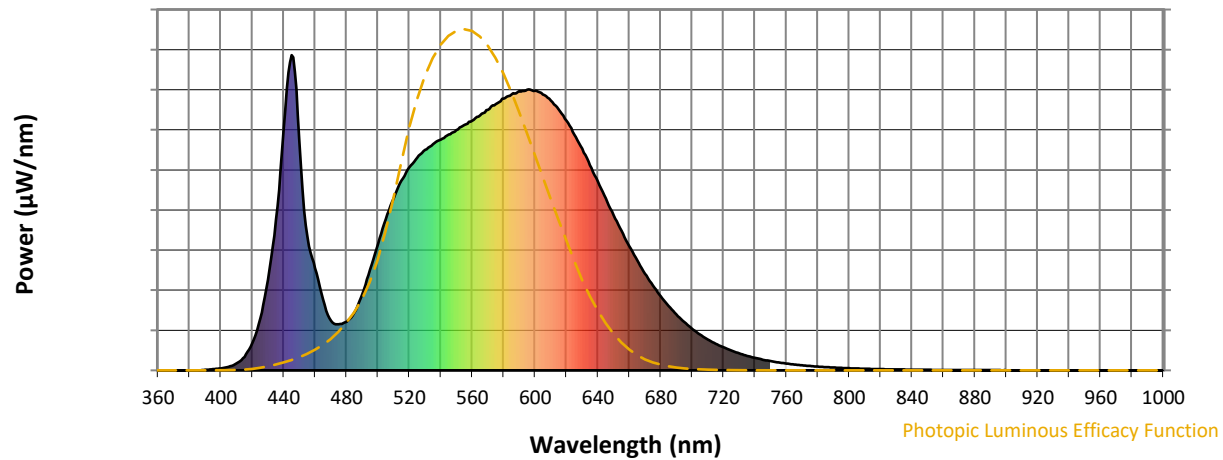
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

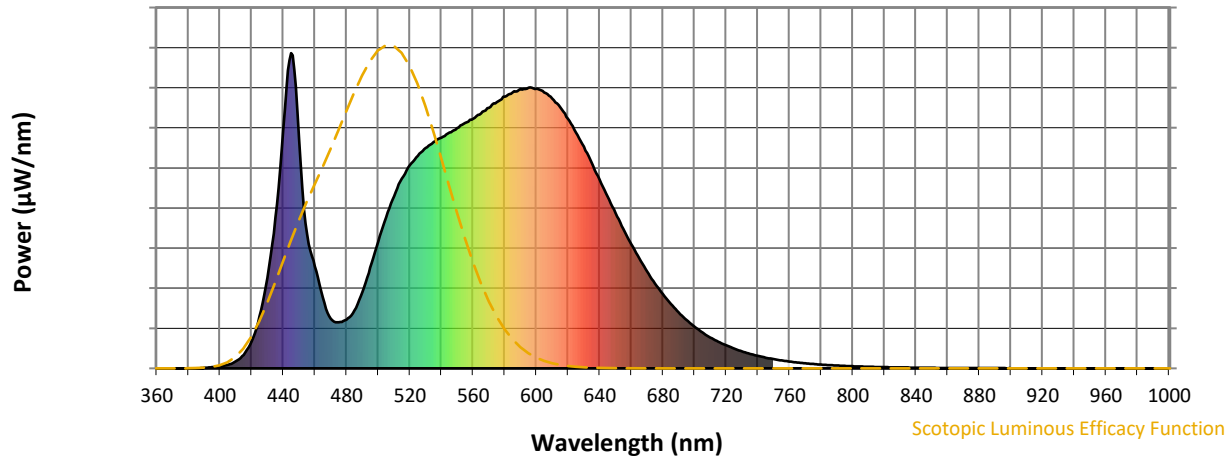


Photopic Lumens: NR

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

Scotopic Flux vs. Wavelength



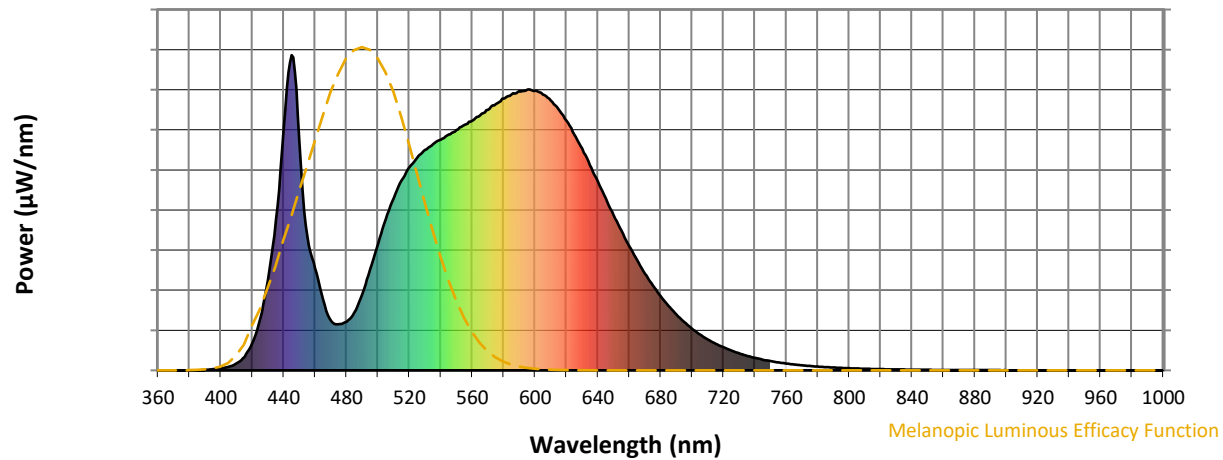
Scotopic Lumens: NR

S/P: 1.57

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.06

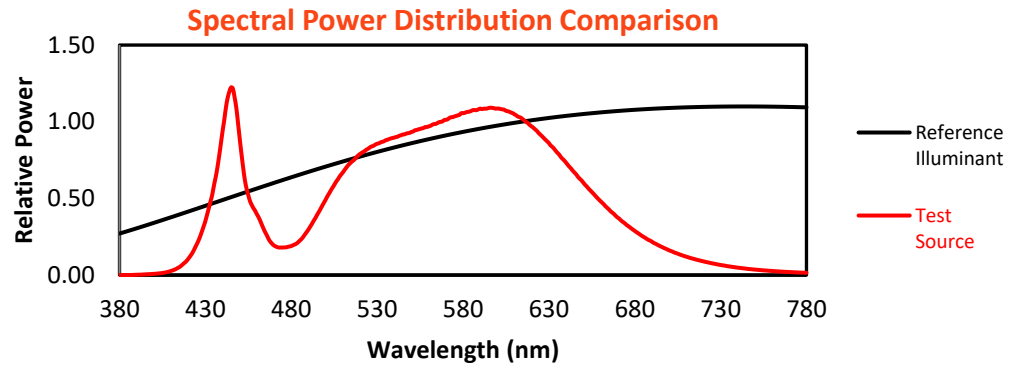
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

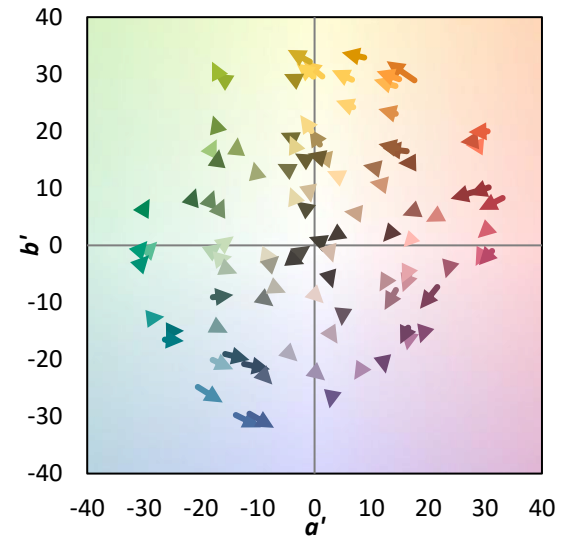
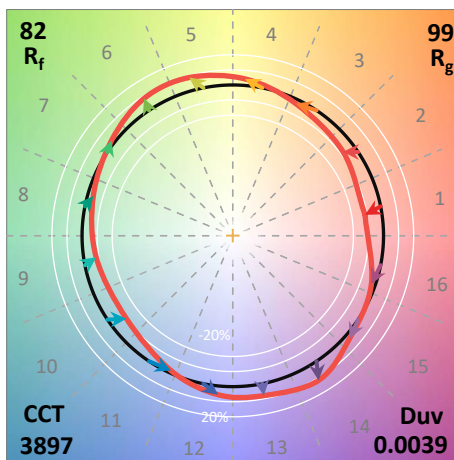
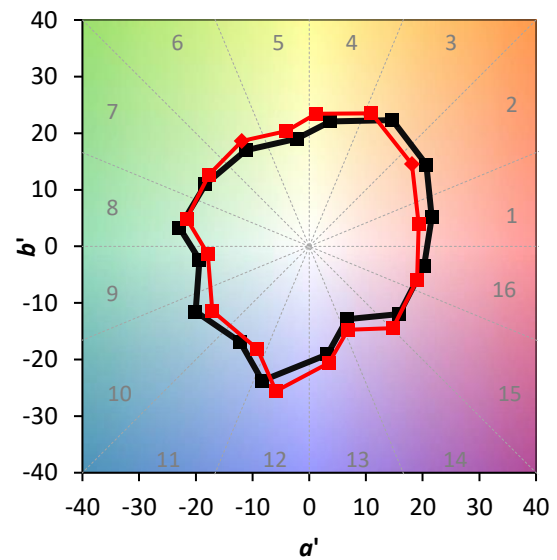
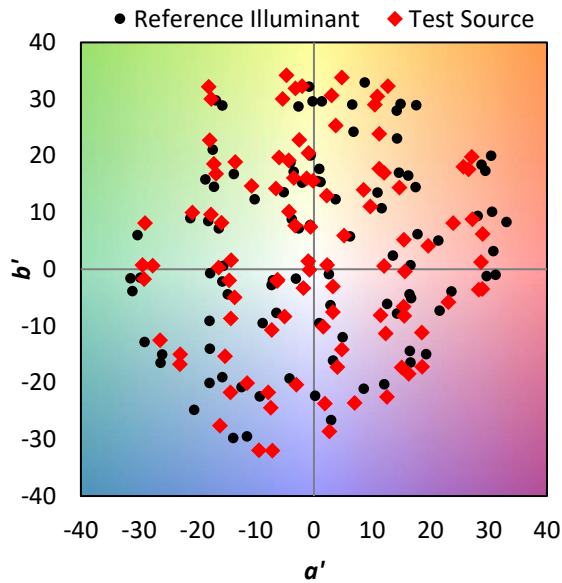
TM-30-18

Summary

$R_f = 81.8$
 $R_g = 98.6$
 $CIE R_a = 80.2$
 $R_9 = 6.7$

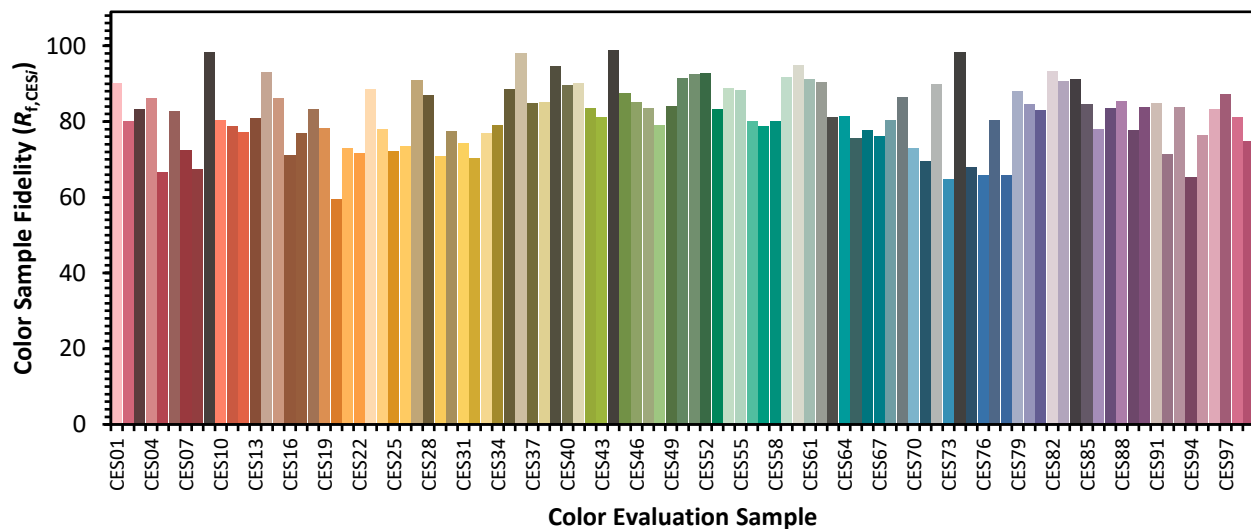


Color Vector Graphics

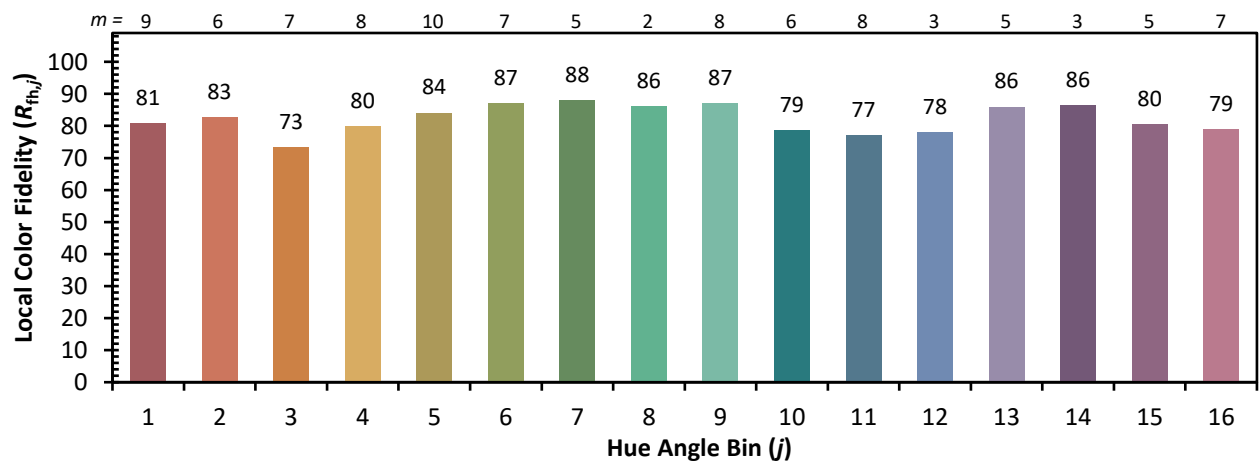
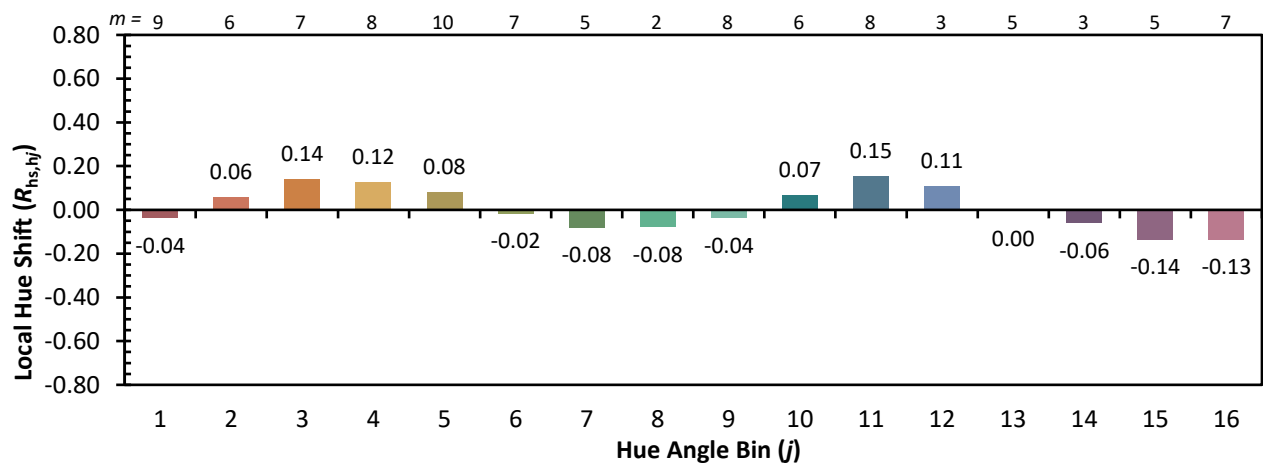
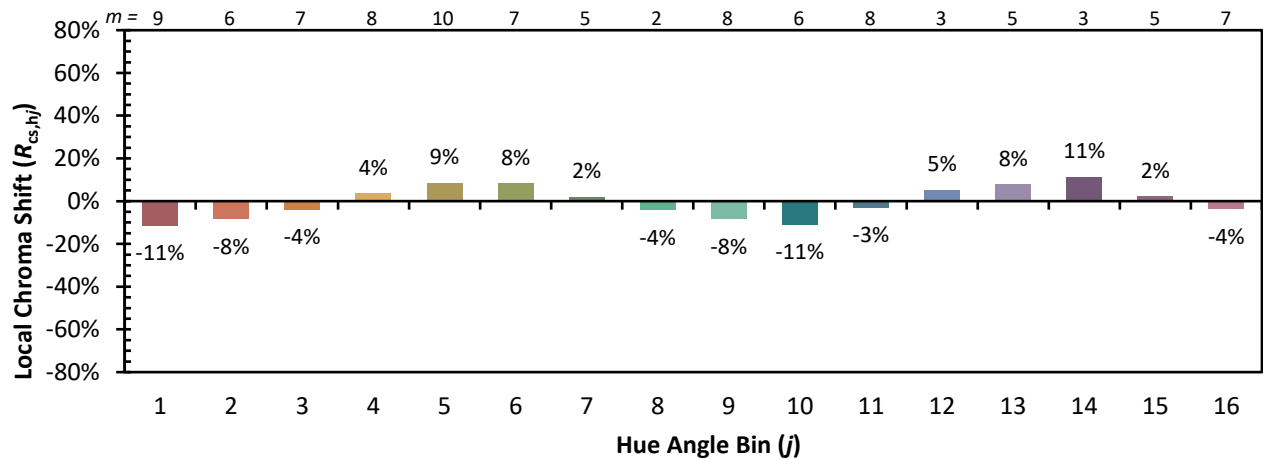


Individual Sample Fidelity Index ($R_{f,i}$)

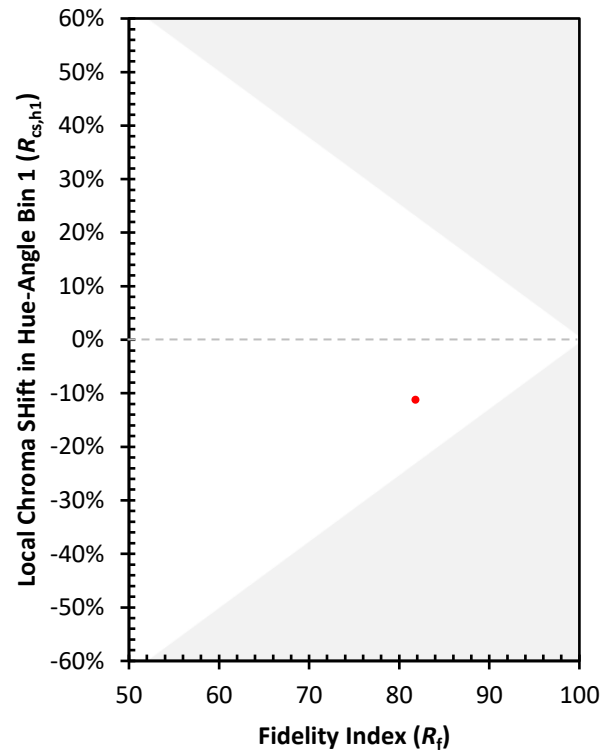
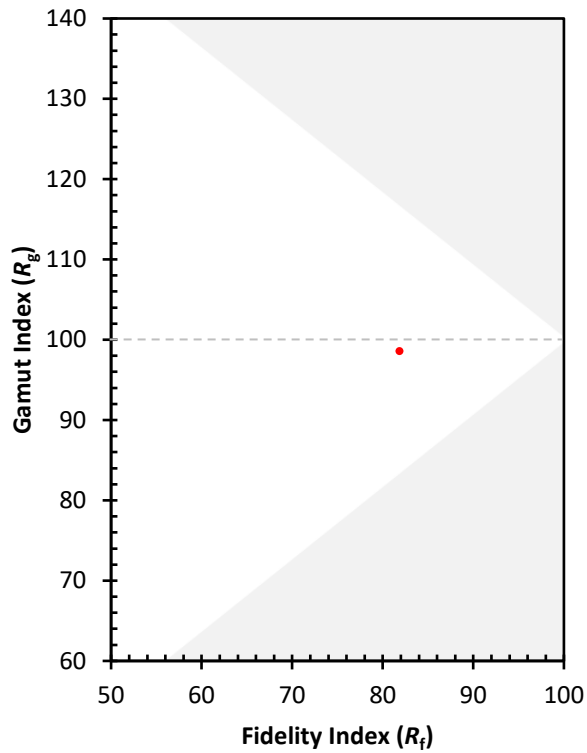
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)