

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: P1049227

Luminaire Tested: **GALN-SA5C-840-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049227
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5C-840-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 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: 23010.3 lumens
Efficiency: N/A
Efficacy: 97.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

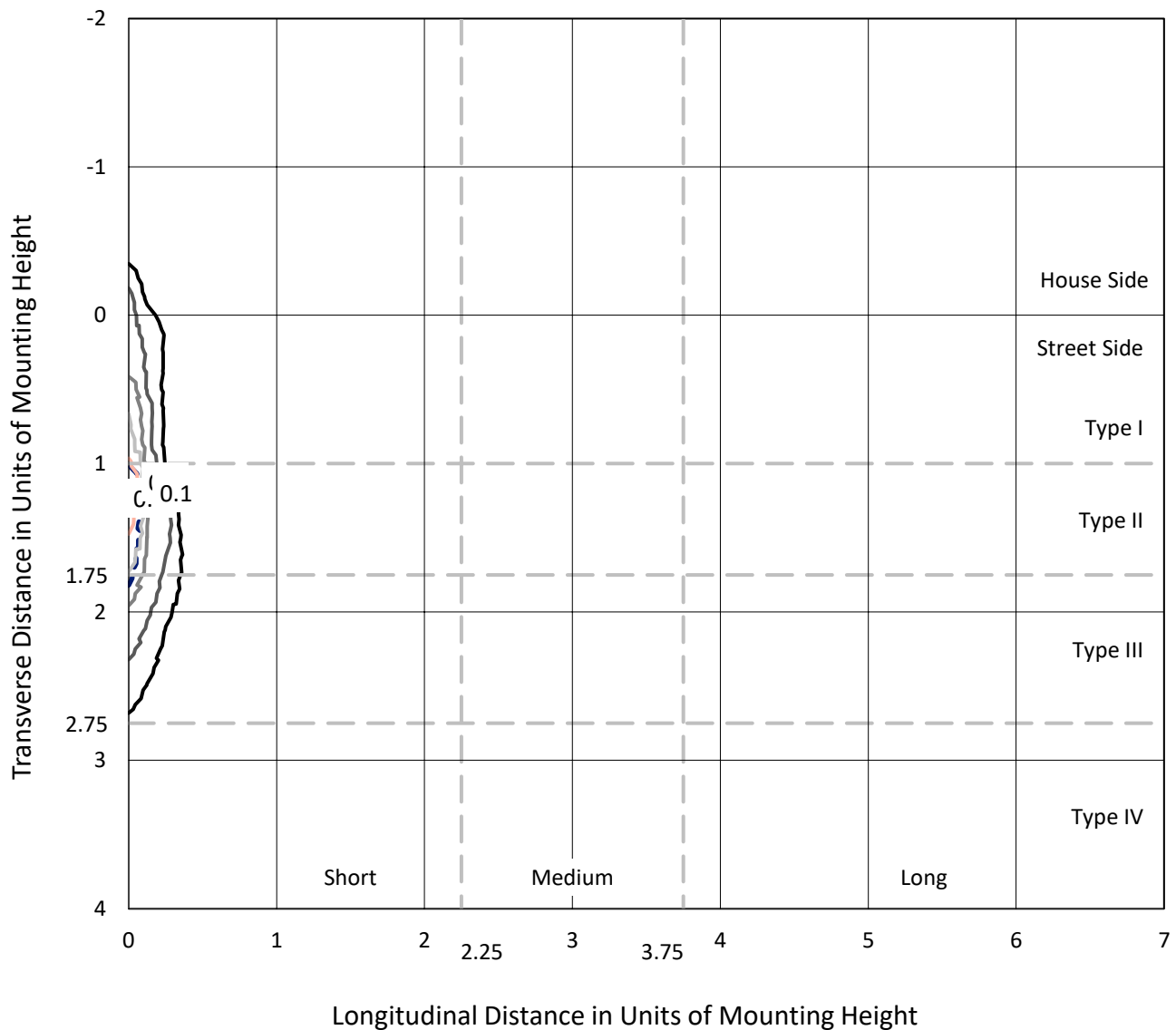
Input Watts (W): 236
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

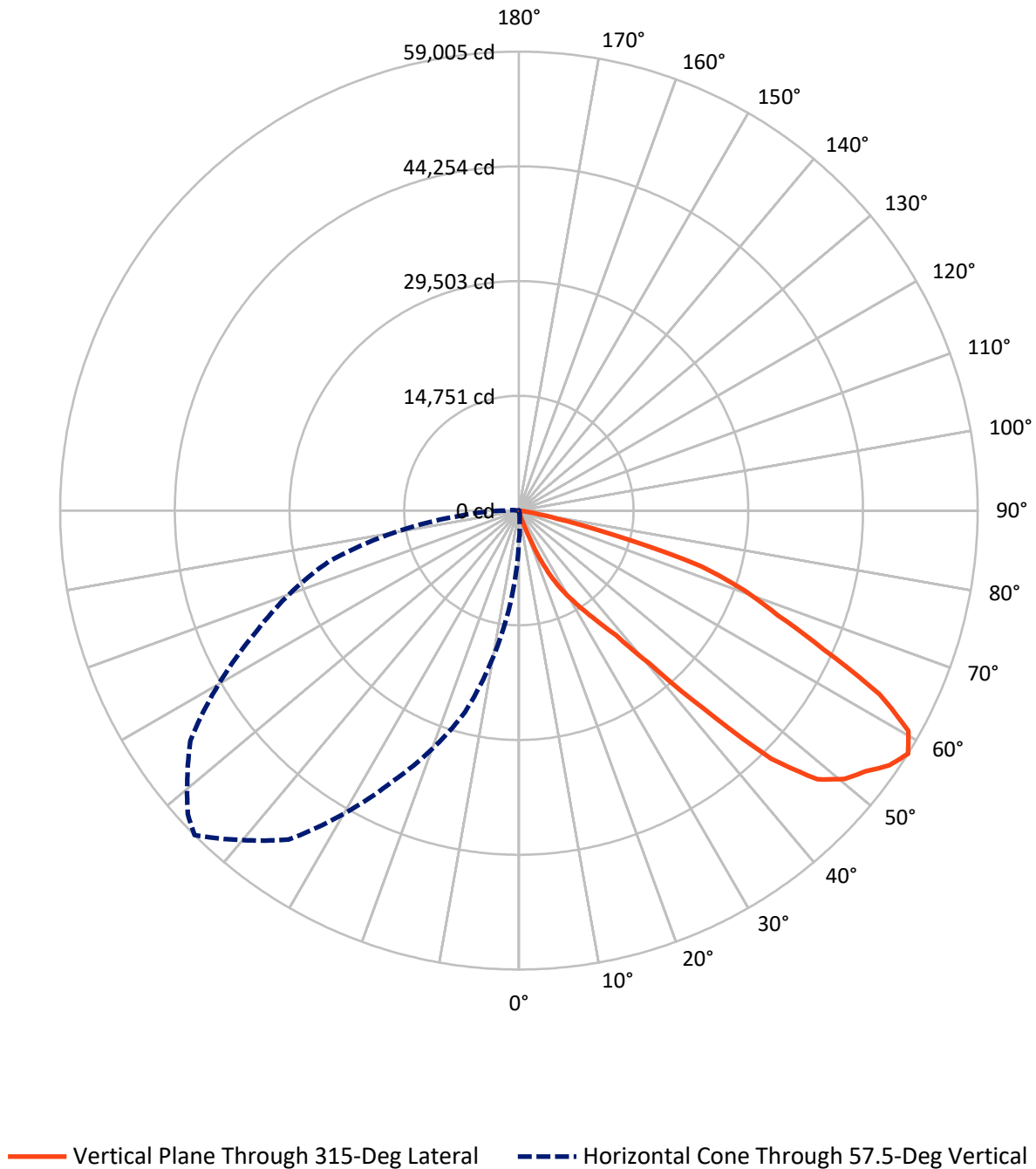
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 3.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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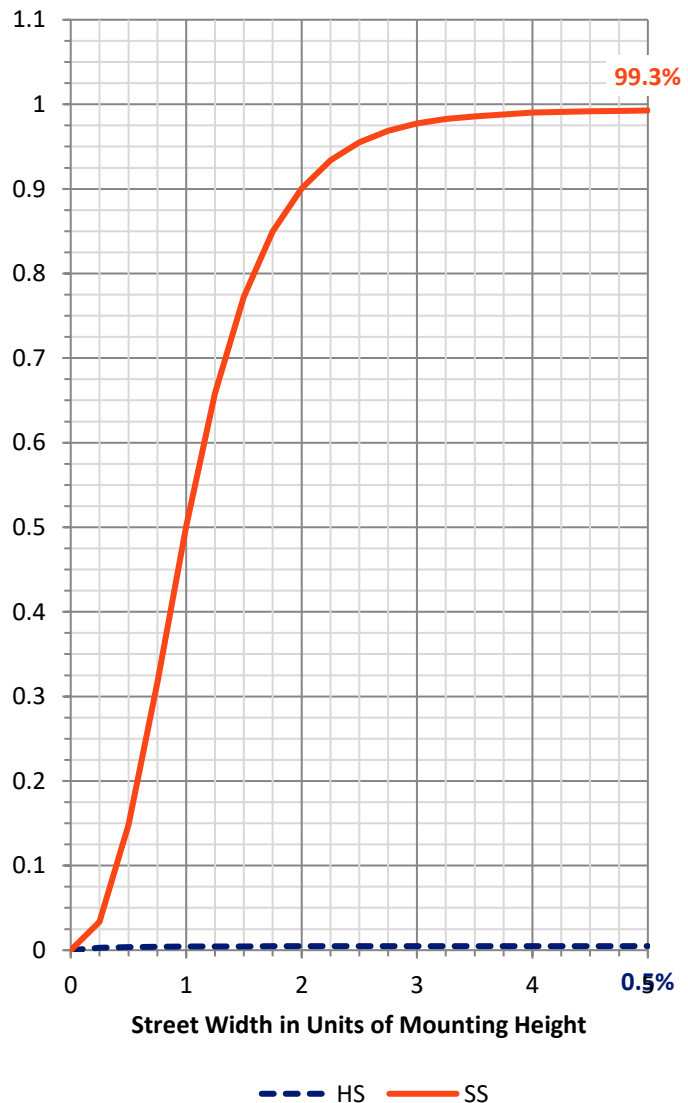
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	115.2	0.0	115.2
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	22895.1	0.0	22895.1
	% Fixture	99.5	0.0	99.5
Total	Lumens	23010.3	0.0	23010.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.0	0.0
10°-20°	50.6	0.2
20°-30°	545.3	2.4
30°-40°	1612.6	7.0
40°-50°	4805.9	20.9
50°-60°	7620.5	33.1
60°-70°	6361.3	27.6
70°-80°	1961.6	8.5
80°-90°	43.6	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°	23010.3	100.0
0°-180°	23010.3	100.0



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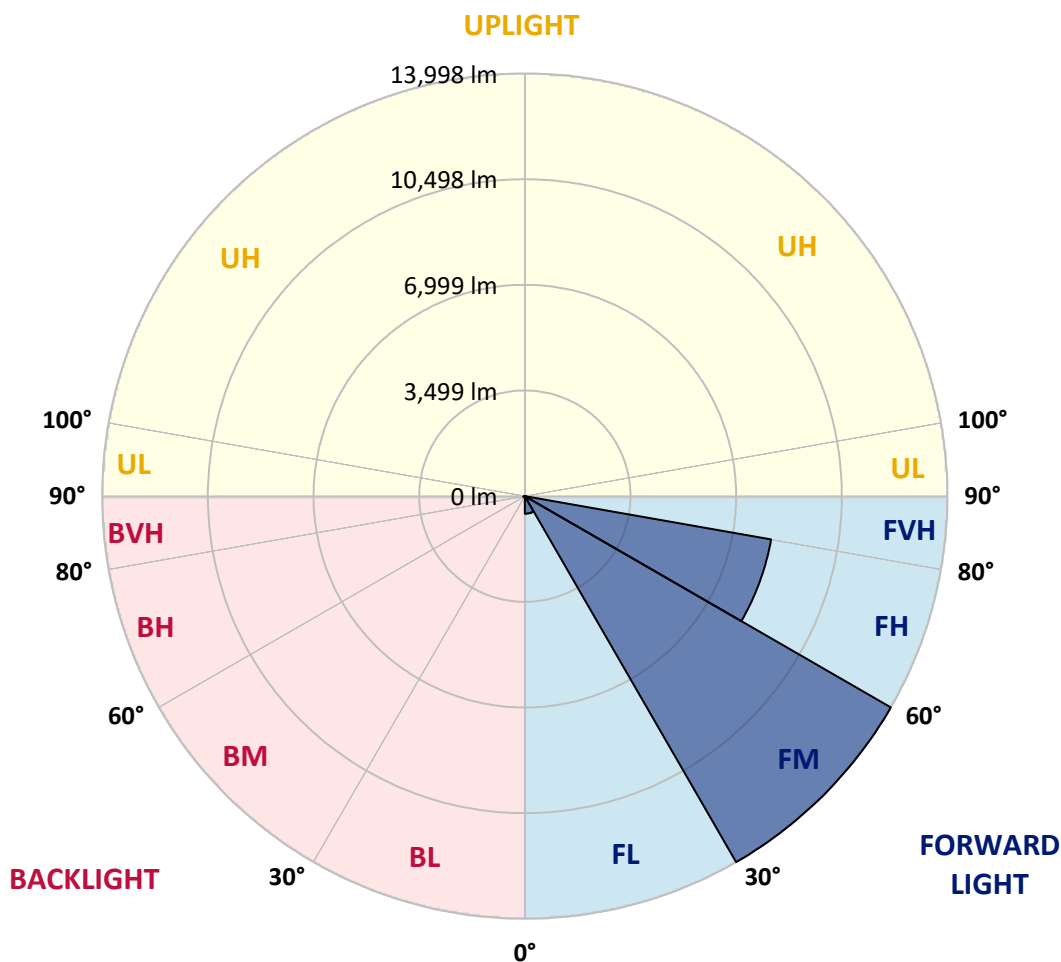
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	583.7	2.5			
FM	(30°-60°)	13997.8	60.8			
FH	(60°-80°)	8279.8	36.0			G4/12000
FVH	(80°-90°)	33.7	0.1			G1/100
BL	(0°-30°)	21.2	0.1	B0/110		
BM	(30°-60°)	41.2	0.2	B0/220		
BH	(60°-80°)	43.0	0.2	B0/110		G0/110
BVH	(80°-90°)	9.9	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-G4

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°	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9
2.5°	92.2	92.2	92.2	92.2	90.4	90.4	88.7	88.7	86.9	86.9
5°	97.4	97.4	95.6	93.9	93.9	92.2	90.4	88.7	88.7	86.9
7.5°	106.1	104.3	102.6	100.9	97.4	95.6	92.2	90.4	88.7	85.2
10°	116.5	113.0	109.5	106.1	102.6	99.1	95.6	93.9	90.4	88.7
12.5°	130.4	125.2	118.2	113.0	109.5	104.3	100.9	97.4	92.2	88.7
15°	142.6	135.6	126.9	120.0	114.8	107.8	102.6	97.4	93.9	88.7
17.5°	160.0	147.8	133.9	125.2	118.2	109.5	100.9	95.6	90.4	83.5
20°	189.5	165.2	139.1	128.7	118.2	107.8	97.4	90.4	85.2	78.2
22.5°	236.5	194.8	153.0	137.4	123.5	107.8	93.9	86.9	80.0	73.0
25°	326.9	252.1	177.4	156.5	135.6	114.8	93.9	85.2	78.2	69.6
27.5°	434.7	323.4	210.4	180.8	153.0	123.5	93.9	83.5	74.8	64.3
30°	544.3	396.5	246.9	208.7	170.4	132.2	93.9	81.7	71.3	59.1
32.5°	648.6	464.3	278.2	233.0	187.8	140.8	95.6	81.7	67.8	53.9
35°	754.7	519.9	283.4	236.5	189.5	140.8	93.9	78.2	64.3	48.7
37.5°	890.3	582.5	273.0	226.1	180.8	133.9	88.7	74.8	60.9	45.2
40°	1095.5	686.9	278.2	229.5	180.8	132.2	83.5	69.6	57.4	43.5
42.5°	1474.6	888.6	300.8	245.2	189.5	132.2	76.5	64.3	53.9	41.7
45°	2549.2	1476.3	403.4	320.0	236.5	153.0	69.6	59.1	50.4	40.0
47.5°	4216.8	2470.9	725.1	559.9	396.5	231.3	67.8	59.1	50.4	40.0
50°	5381.8	3147.4	912.9	702.5	492.1	281.7	71.3	60.9	52.2	41.7
52.5°	5373.1	3196.0	1017.2	780.8	546.0	309.5	74.8	64.3	55.6	45.2
55°	4776.7	2907.4	1036.4	796.4	558.2	318.2	80.0	69.6	59.1	48.7
57.5°	3992.4	2469.2	945.9	732.1	519.9	306.0	92.2	80.0	69.6	57.4
60°	3157.8	1947.5	737.3	582.5	429.5	274.7	121.7	106.1	92.2	76.5
62.5°	2180.5	1412.0	643.4	516.4	391.2	264.3	139.1	123.5	109.5	93.9
65°	1542.4	1062.5	580.8	473.0	366.9	259.1	151.3	133.9	118.2	100.9
67.5°	1152.9	845.1	535.6	443.4	351.3	259.1	166.9	146.1	126.9	106.1
70°	883.3	693.8	502.5	427.8	354.7	280.0	205.2	175.6	147.8	118.2
72.5°	719.9	593.0	464.3	410.4	356.5	302.6	248.7	210.4	172.1	132.2
75°	596.4	507.8	419.1	373.9	330.4	285.2	240.0	205.2	172.1	137.4
77.5°	396.5	361.7	325.2	299.1	273.0	245.2	219.1	189.5	161.7	132.2
80°	139.1	133.9	128.7	139.1	149.5	160.0	170.4	149.5	130.4	109.5
82.5°	20.9	19.1	17.4	19.1	20.9	22.6	24.3	26.1	27.8	29.6
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°	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9
0.0	2.5°	85.2	85.2	83.5	83.5	83.5	81.7	81.7	80.0	80.0	80.0
0.0	5°	83.5	83.5	81.7	80.0	78.2	78.2	76.5	74.8	74.8	73.0
0.0	7.5°	81.7	80.0	78.2	76.5	74.8	73.0	71.3	69.6	69.6	67.8
0.0	10°	83.5	80.0	78.2	74.8	73.0	71.3	67.8	66.1	64.3	64.3
0.0	12.5°	80.0	78.2	74.8	71.3	69.6	66.1	64.3	60.9	59.1	59.1
0.0	15°	80.0	76.5	71.3	67.8	64.3	62.6	59.1	55.6	53.9	52.2
0.0	17.5°	74.8	71.3	66.1	62.6	59.1	55.6	52.2	48.7	46.9	45.2
0.0	20°	67.8	64.3	59.1	53.9	50.4	46.9	43.5	40.0	38.3	36.5
0.0	22.5°	60.9	57.4	52.2	46.9	43.5	40.0	34.8	31.3	29.6	26.1
0.0	25°	57.4	52.2	46.9	41.7	36.5	33.0	27.8	22.6	19.1	15.6
0.0	27.5°	48.7	43.5	38.3	33.0	27.8	22.6	17.4	12.2	8.7	7.0
0.0	30°	41.7	36.5	31.3	26.1	19.1	13.9	8.7	1.7	1.7	1.7
0.0	32.5°	34.8	29.6	22.6	17.4	13.9	8.7	5.2	0.0	0.0	0.0
0.0	35°	27.8	22.6	15.6	10.4	8.7	5.2	3.5	0.0	0.0	0.0
0.0	37.5°	24.3	19.1	12.2	5.2	3.5	3.5	1.7	0.0	0.0	0.0
0.0	40°	22.6	15.6	8.7	1.7	1.7	1.7	0.0	0.0	0.0	0.0
0.0	42.5°	22.6	15.6	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	22.6	15.6	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	22.6	15.6	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	24.3	17.4	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	27.8	20.9	13.9	7.0	5.2	3.5	1.7	0.0	0.0	0.0
0.0	55°	34.8	31.3	26.1	22.6	17.4	12.2	5.2	0.0	0.0	0.0
0.0	57.5°	45.2	45.2	43.5	41.7	31.3	20.9	10.4	0.0	0.0	0.0
0.0	60°	60.9	60.9	60.9	60.9	45.2	31.3	15.6	0.0	0.0	0.0
0.0	62.5°	74.8	71.3	66.1	62.6	46.9	31.3	15.6	0.0	0.0	0.0
0.0	65°	74.8	67.8	59.1	50.4	38.3	26.1	12.2	0.0	0.0	0.0
0.0	67.5°	69.6	55.6	40.0	26.1	19.1	13.9	7.0	0.0	0.0	0.0
	70°	69.6	48.7	27.8	7.0	5.2	3.5	1.7	0.0	0.0	0.0
	72.5°	69.6	46.9	22.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	76.5	52.2	26.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	76.5	52.2	26.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	67.8	45.2	22.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	22.6	15.6	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9
0.0	2.5°	78.2	78.2	78.2	76.5	76.5	76.5	76.5	74.8	74.8	74.8
0.0	5°	71.3	71.3	69.6	69.6	67.8	67.8	66.1	66.1	64.3	64.3
0.0	7.5°	66.1	64.3	64.3	62.6	60.9	60.9	59.1	59.1	57.4	55.6
0.0	10°	60.9	59.1	59.1	57.4	55.6	53.9	53.9	52.2	50.4	48.7
0.0	12.5°	55.6	53.9	52.2	50.4	48.7	46.9	46.9	45.2	43.5	41.7
0.0	15°	48.7	46.9	45.2	43.5	41.7	40.0	40.0	38.3	36.5	34.8
0.0	17.5°	41.7	40.0	40.0	38.3	36.5	34.8	33.0	29.6	27.8	26.1
0.0	20°	31.3	29.6	27.8	26.1	24.3	20.9	19.1	15.6	12.2	10.4
0.0	22.5°	20.9	17.4	15.6	12.2	8.7	7.0	5.2	1.7	0.0	0.0
0.0	25°	7.0	5.2	3.5	1.7	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: P1049227

CATALOG NUMBER: GALN-SA5C-840-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049227

CATALOG NUMBER: GALN-SA5C-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°	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9
0.0	2.5°	73.0	73.0	73.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3
0.0	5°	62.6	62.6	62.6	60.9	60.9	59.1	59.1	59.1	57.4	57.4
0.0	7.5°	53.9	52.2	52.2	50.4	50.4	48.7	48.7	48.7	46.9	46.9
0.0	10°	45.2	43.5	43.5	41.7	41.7	40.0	40.0	38.3	38.3	36.5
0.0	12.5°	40.0	38.3	36.5	34.8	34.8	33.0	31.3	31.3	29.6	27.8
0.0	15°	31.3	29.6	27.8	26.1	24.3	22.6	20.9	20.9	19.1	17.4
0.0	17.5°	20.9	17.4	15.6	13.9	13.9	12.2	10.4	8.7	7.0	5.2
0.0	20°	5.2	3.5	1.7	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

CATALOG NUMBER: GALN-SA5C-840-U-RBC

[illegible]

REPORT NUMBER: P1049227

CATALOG NUMBER: GALN-SA5C-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°	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9
0.0	2.5°	71.3	69.6	69.6	69.6	71.3	71.3	71.3	71.3	71.3	71.3
0.0	5°	57.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
0.0	7.5°	46.9	45.2	45.2	45.2	45.2	43.5	43.5	43.5	43.5	43.5
0.0	10°	36.5	34.8	34.8	34.8	34.8	33.0	33.0	33.0	33.0	33.0
0.0	12.5°	26.1	26.1	24.3	24.3	24.3	22.6	22.6	22.6	22.6	20.9
0.0	15°	15.6	13.9	12.2	12.2	12.2	10.4	10.4	10.4	10.4	8.7
0.0	17.5°	3.5	3.5	1.7	1.7	1.7	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
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

CATALOG NUMBER: GALN-SA5C-840-U-RBC

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CATALOG NUMBER: GALN-SA5C-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°	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9
0.0	2.5°	73.0	73.0	74.8	74.8	76.5	80.0	81.7	83.5	86.9	90.4
0.0	5°	57.4	59.1	59.1	60.9	62.6	64.3	66.1	67.8	71.3	74.8
0.0	7.5°	45.2	45.2	46.9	46.9	48.7	52.2	53.9	55.6	59.1	64.3
0.0	10°	34.8	34.8	36.5	36.5	38.3	41.7	43.5	45.2	48.7	53.9
0.0	12.5°	22.6	24.3	24.3	26.1	27.8	31.3	33.0	34.8	38.3	41.7
0.0	15°	10.4	12.2	12.2	13.9	15.6	19.1	20.9	22.6	26.1	31.3
0.0	17.5°	1.7	1.7	3.5	3.5	5.2	7.0	8.7	10.4	15.6	19.1
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	7.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
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
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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CATALOG NUMBER: GALN-SA5C-840-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049227

CATALOG NUMBER: GALN-SA5C-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°	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9
0.0	2.5°	95.6	99.1	102.6	106.1	109.5	113.0	114.8	118.2	120.0	121.7
0.0	5°	81.7	85.2	90.4	93.9	97.4	100.9	104.3	106.1	107.8	109.5
0.0	7.5°	71.3	74.8	80.0	83.5	86.9	90.4	93.9	97.4	99.1	100.9
0.0	10°	60.9	66.1	69.6	74.8	78.2	81.7	85.2	88.7	92.2	93.9
0.0	12.5°	48.7	53.9	59.1	62.6	67.8	73.0	76.5	80.0	83.5	86.9
0.0	15°	38.3	43.5	48.7	52.2	57.4	62.6	67.8	71.3	74.8	78.2
0.0	17.5°	27.8	33.0	38.3	41.7	46.9	52.2	55.6	60.9	64.3	67.8
0.0	20°	13.9	19.1	24.3	29.6	34.8	40.0	43.5	48.7	52.2	55.6
0.0	22.5°	1.7	7.0	12.2	15.6	20.9	26.1	29.6	34.8	38.3	41.7
0.0	25°	0.0	1.7	5.2	7.0	8.7	12.2	15.6	19.1	22.6	26.1
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.7	3.5	7.0	10.4	13.9
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5
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	1.7
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.7	3.5
	85°	0.0	0.0	0.0	0.0	0.0	3.5	5.2	8.7	10.4	12.2
	87.5°	0.0	1.7	3.5	5.2	7.0	10.4	13.9	17.4	19.1	20.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049227

CATALOG NUMBER: GALN-SA5C-840-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
100.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.2	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											
1.7											
7.0											
15.6											
22.6											
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REPORT NUMBER: P1049227

CATALOG NUMBER: GALN-SA5C-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°	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9
0.0	2.5°	123.5	123.5	123.5	123.5	121.7	121.7	121.7	120.0	120.0	118.2
0.0	5°	113.0	114.8	114.8	114.8	114.8	114.8	114.8	114.8	113.0	113.0
0.0	7.5°	104.3	106.1	107.8	107.8	109.5	109.5	109.5	107.8	107.8	106.1
0.0	10°	99.1	100.9	100.9	102.6	102.6	102.6	102.6	102.6	102.6	102.6
0.0	12.5°	92.2	93.9	95.6	95.6	97.4	97.4	97.4	97.4	95.6	95.6
0.0	15°	83.5	86.9	88.7	90.4	90.4	92.2	92.2	92.2	92.2	92.2
0.0	17.5°	76.5	80.0	81.7	83.5	83.5	85.2	85.2	86.9	86.9	86.9
0.0	20°	62.6	66.1	67.8	71.3	73.0	74.8	76.5	78.2	78.2	80.0
0.0	22.5°	48.7	52.2	53.9	57.4	59.1	60.9	62.6	64.3	66.1	67.8
0.0	25°	34.8	38.3	40.0	43.5	45.2	46.9	48.7	50.4	50.4	52.2
0.0	27.5°	19.1	22.6	26.1	27.8	31.3	33.0	34.8	36.5	38.3	40.0
0.0	30°	8.7	10.4	12.2	15.6	17.4	19.1	20.9	24.3	26.1	27.8
0.0	32.5°	0.0	0.0	1.7	5.2	7.0	8.7	10.4	12.2	12.2	13.9
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.7	3.5	5.2	7.0
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°	3.5	3.5	3.5	5.2	5.2	5.2	5.2	5.2	5.2	5.2
	82.5°	8.7	10.4	12.2	12.2	13.9	13.9	13.9	13.9	12.2	12.2
	85°	17.4	19.1	20.9	20.9	22.6	22.6	22.6	22.6	22.6	22.6
	87.5°	24.3	26.1	27.8	27.8	29.6	29.6	29.6	29.6	29.6	29.6
	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: P1049227

CATALOG NUMBER: GALN-SA5C-840-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
100.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	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											
0.0											
0.0											
0.0											
5.2											
12.2											
22.6											
29.6											
0.0											
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REPORT NUMBER: P1049227

CATALOG NUMBER: GALN-SA5C-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°	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9
0.0	2.5°	116.5	116.5	114.8	114.8	114.8	114.8	114.8	116.5	118.2	118.2
0.0	5°	111.3	111.3	109.5	109.5	109.5	111.3	111.3	113.0	114.8	116.5
0.0	7.5°	106.1	104.3	104.3	106.1	106.1	107.8	107.8	109.5	111.3	113.0
0.0	10°	102.6	100.9	100.9	100.9	102.6	102.6	104.3	106.1	107.8	109.5
0.0	12.5°	95.6	95.6	95.6	95.6	97.4	97.4	99.1	100.9	104.3	106.1
0.0	15°	92.2	90.4	90.4	90.4	90.4	92.2	92.2	95.6	99.1	100.9
0.0	17.5°	85.2	85.2	83.5	83.5	85.2	85.2	86.9	90.4	93.9	95.6
0.0	20°	78.2	76.5	74.8	74.8	76.5	76.5	78.2	81.7	85.2	86.9
0.0	22.5°	67.8	66.1	66.1	66.1	66.1	67.8	67.8	71.3	76.5	80.0
0.0	25°	53.9	55.6	55.6	57.4	57.4	59.1	60.9	64.3	69.6	73.0
0.0	27.5°	41.7	43.5	43.5	46.9	48.7	50.4	52.2	57.4	62.6	66.1
0.0	30°	31.3	33.0	34.8	36.5	40.0	43.5	46.9	52.2	57.4	60.9
0.0	32.5°	19.1	22.6	24.3	27.8	31.3	34.8	38.3	43.5	50.4	55.6
0.0	35°	13.9	15.6	19.1	20.9	24.3	27.8	31.3	38.3	43.5	50.4
0.0	37.5°	7.0	10.4	13.9	17.4	20.9	24.3	27.8	34.8	41.7	46.9
0.0	40°	5.2	8.7	10.4	13.9	19.1	22.6	26.1	33.0	40.0	46.9
0.0	42.5°	3.5	5.2	7.0	12.2	15.6	20.9	26.1	33.0	40.0	46.9
0.0	45°	3.5	3.5	5.2	10.4	15.6	22.6	27.8	34.8	40.0	46.9
0.0	47.5°	3.5	5.2	7.0	13.9	17.4	22.6	27.8	33.0	40.0	45.2
0.0	50°	5.2	7.0	8.7	15.6	19.1	24.3	27.8	34.8	40.0	46.9
0.0	52.5°	3.5	5.2	7.0	13.9	19.1	26.1	31.3	38.3	45.2	50.4
0.0	55°	1.7	1.7	1.7	10.4	20.9	29.6	40.0	45.2	52.2	57.4
0.0	57.5°	0.0	0.0	0.0	7.0	20.9	33.0	45.2	52.2	59.1	64.3
0.0	60°	0.0	0.0	0.0	7.0	20.9	33.0	45.2	53.9	62.6	71.3
0.0	62.5°	0.0	0.0	0.0	7.0	17.4	27.8	38.3	52.2	67.8	81.7
0.0	65°	0.0	0.0	0.0	5.2	13.9	22.6	31.3	52.2	73.0	92.2
0.0	67.5°	0.0	0.0	0.0	5.2	13.9	20.9	29.6	52.2	73.0	95.6
	70°	0.0	0.0	0.0	5.2	13.9	22.6	31.3	52.2	73.0	93.9
	72.5°	0.0	0.0	0.0	5.2	15.6	24.3	34.8	52.2	69.6	86.9
	75°	0.0	0.0	0.0	7.0	15.6	26.1	36.5	52.2	67.8	81.7
	77.5°	0.0	0.0	0.0	5.2	15.6	24.3	34.8	50.4	66.1	80.0
	80°	5.2	3.5	3.5	8.7	15.6	22.6	29.6	45.2	62.6	78.2
	82.5°	10.4	10.4	8.7	12.2	15.6	20.9	26.1	40.0	55.6	69.6
	85°	20.9	20.9	19.1	20.9	20.9	22.6	24.3	31.3	38.3	45.2
	87.5°	27.8	27.8	26.1	26.1	26.1	24.3	24.3	24.3	24.3	22.6
	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

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
100.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.8											
104.3											
97.4											
95.6											
93.9											
83.5											
52.2											
22.6											
0.0											
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REPORT NUMBER: P1049227

CATALOG NUMBER: GALN-SA5C-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°	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9
0.0	2.5°	121.7	123.5	123.5	125.2	126.9	128.7	128.7	130.4	130.4	130.4
0.0	5°	120.0	123.5	125.2	126.9	128.7	130.4	132.2	133.9	135.6	135.6
0.0	7.5°	118.2	120.0	123.5	125.2	128.7	130.4	133.9	135.6	137.4	139.1
0.0	10°	114.8	118.2	121.7	125.2	128.7	132.2	135.6	139.1	142.6	144.3
0.0	12.5°	111.3	116.5	120.0	123.5	128.7	133.9	137.4	142.6	146.1	149.5
0.0	15°	109.5	113.0	118.2	121.7	128.7	135.6	140.8	147.8	154.8	160.0
0.0	17.5°	104.3	111.3	116.5	121.7	128.7	137.4	144.3	151.3	161.7	172.1
0.0	20°	97.4	102.6	109.5	114.8	125.2	133.9	144.3	153.0	168.7	184.3
0.0	22.5°	90.4	97.4	102.6	109.5	121.7	132.2	144.3	154.8	180.8	205.2
0.0	25°	83.5	92.2	99.1	106.1	120.0	133.9	147.8	161.7	205.2	248.7
0.0	27.5°	80.0	86.9	95.6	102.6	120.0	139.1	156.5	173.9	243.4	311.3
0.0	30°	74.8	83.5	90.4	99.1	121.7	144.3	166.9	189.5	295.6	401.7
0.0	32.5°	69.6	78.2	86.9	95.6	125.2	154.8	182.6	212.1	351.3	488.6
0.0	35°	64.3	74.8	83.5	92.2	130.4	170.4	208.7	246.9	401.7	554.7
0.0	37.5°	62.6	73.0	81.7	90.4	132.2	172.1	213.9	253.9	406.9	559.9
0.0	40°	64.3	73.0	83.5	92.2	126.9	161.7	194.8	229.5	389.5	547.7
0.0	42.5°	64.3	74.8	85.2	95.6	123.5	151.3	179.1	206.9	384.3	561.7
0.0	45°	62.6	73.0	83.5	93.9	120.0	144.3	170.4	194.8	415.6	634.7
0.0	47.5°	60.9	71.3	81.7	92.2	118.2	144.3	170.4	196.5	537.3	876.4
0.0	50°	60.9	71.3	80.0	88.7	120.0	153.0	184.3	215.6	782.5	1347.6
0.0	52.5°	64.3	73.0	80.0	86.9	123.5	161.7	198.2	234.7	994.6	1752.8
0.0	55°	69.6	74.8	81.7	86.9	132.2	175.6	220.8	264.3	1059.0	1853.6
0.0	57.5°	76.5	81.7	86.9	92.2	147.8	203.4	257.4	313.0	1064.2	1813.6
0.0	60°	85.2	92.2	97.4	102.6	161.7	222.6	281.7	340.8	963.3	1584.1
0.0	62.5°	104.3	113.0	120.0	128.7	186.1	241.7	299.1	354.7	799.9	1245.0
0.0	65°	120.0	126.9	133.9	140.8	196.5	253.9	309.5	365.2	678.2	991.2
0.0	67.5°	123.5	130.4	135.6	142.6	200.0	257.4	313.0	370.4	580.8	789.4
	70°	125.2	133.9	144.3	153.0	212.1	271.3	328.6	387.8	514.7	641.6
	72.5°	120.0	137.4	153.0	168.7	224.3	278.2	333.9	387.8	478.2	568.6
	75°	120.0	144.3	166.9	189.5	231.3	271.3	313.0	353.0	422.5	492.1
	77.5°	126.9	158.2	189.5	220.8	245.2	267.8	292.1	314.7	359.9	405.2
	80°	126.9	160.0	191.3	224.3	234.7	246.9	257.4	267.8	273.0	278.2
	82.5°	109.5	135.6	161.7	187.8	175.6	163.5	151.3	139.1	130.4	120.0
	85°	55.6	60.9	64.3	67.8	62.6	57.4	52.2	46.9	43.5	38.3
	87.5°	22.6	22.6	20.9	20.9	20.9	20.9	19.1	19.1	19.1	19.1
	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: P1049227

CATALOG NUMBER: GALN-SA5C-840-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
100.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
186.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
213.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
273.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
370.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
514.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
697.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
871.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
989.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1078.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1166.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1340.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1688.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2573.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3942.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4962.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5075.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4580.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3915.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3060.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2312.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1707.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1208.5											
899.0											
653.8											
492.1											
276.5											
125.2											
36.5											
17.4											
0.0											
0.0											
0.0											
0.0											
0.0											
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REPORT NUMBER: P1049227

CATALOG NUMBER: GALN-SA5C-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°	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9
0.0	2.5°	130.4	128.7	128.7	126.9	125.2	123.5	121.7	120.0	118.2	116.5
0.0	5°	135.6	135.6	135.6	133.9	133.9	132.2	132.2	130.4	128.7	126.9
0.0	7.5°	140.8	142.6	142.6	144.3	144.3	144.3	144.3	142.6	142.6	142.6
0.0	10°	149.5	151.3	153.0	154.8	156.5	158.2	158.2	160.0	160.0	160.0
0.0	12.5°	160.0	165.2	168.7	173.9	177.4	182.6	186.1	191.3	194.8	198.2
0.0	15°	175.6	184.3	194.8	203.4	212.1	224.3	238.2	250.4	262.6	281.7
0.0	17.5°	198.2	226.1	253.9	280.0	307.8	368.6	429.5	488.6	549.5	638.2
0.0	20°	241.7	325.2	406.9	490.4	572.1	786.0	998.1	1212.0	1424.1	1651.9
0.0	22.5°	339.1	544.3	749.5	954.6	1159.8	1606.7	2051.9	2498.8	2943.9	3467.3
0.0	25°	492.1	869.4	1246.8	1622.4	1999.7	2698.7	3399.5	4098.5	4797.5	5477.4
0.0	27.5°	716.4	1293.7	1871.0	2446.6	3023.9	3971.6	4921.0	5868.7	6816.4	7585.0
0.0	30°	992.9	1775.4	2557.9	3340.4	4122.9	5201.0	6279.1	7355.4	8433.5	9273.4
0.0	32.5°	1253.7	2211.8	3170.0	4126.3	5084.5	6312.1	7541.5	8769.1	9996.8	10914.9
0.0	35°	1424.1	2582.2	3742.1	4900.1	6058.2	7386.7	8715.2	10042.0	11370.5	12419.0
0.0	37.5°	1594.5	2931.7	4267.2	5604.4	6939.8	8398.7	9857.7	11316.6	12775.5	14070.9
0.0	40°	1785.8	3354.3	4921.0	6489.5	8056.2	9784.6	11511.3	13239.8	14966.5	16794.0
0.0	42.5°	2117.9	4055.0	5993.9	7931.0	9868.1	12154.7	14441.3	16726.2	19012.8	21621.1
0.0	45°	2742.2	5472.2	8204.0	10934.0	13664.0	16693.2	19724.0	22753.1	25782.2	29253.0
0.0	47.5°	4270.7	8026.6	11780.9	15536.8	19291.0	22561.9	25830.9	29101.7	32370.8	35827.7
0.0	50°	6534.7	10906.2	15277.7	19647.5	24019.0	26978.6	29936.4	32896.0	35853.8	39142.0
0.0	52.5°	8172.7	12726.8	17282.6	21836.7	26390.8	29061.8	31734.4	34405.3	37076.2	40148.8
0.0	55°	8296.2	12824.2	17353.9	21882.0	26410.0	29093.1	31776.1	34459.2	37142.3	40399.2
0.0	57.5°	7345.0	11836.5	16326.3	20817.8	25307.5	28362.7	31416.2	34471.4	37524.8	41046.1
0.0	60°	6247.8	10741.0	15232.5	19725.8	24217.3	27736.7	31257.9	34777.4	38296.9	41595.5
0.0	62.5°	4874.1	9496.0	14119.6	18741.6	23363.5	26936.9	30510.2	34081.9	37655.3	40129.7
0.0	65°	3632.5	8120.5	12608.6	17094.8	21582.9	24445.0	27307.2	30167.7	33029.9	34561.8
0.0	67.5°	2625.7	6496.4	10365.4	14236.1	18105.1	20153.5	22201.9	24248.6	26296.9	27468.9
	70°	1775.4	4456.7	7136.3	9817.7	12497.3	14180.5	15865.5	17548.7	19231.9	20814.3
	72.5°	1229.4	2735.2	4242.8	5748.7	7254.6	8948.2	10640.2	12333.8	14025.7	15700.3
	75°	815.5	1500.6	2187.5	2872.6	3557.7	4811.5	6066.9	7320.6	8574.4	9572.5
	77.5°	579.0	784.2	991.2	1196.3	1401.5	1636.3	1872.8	2107.5	2342.3	2698.7
	80°	274.7	300.8	326.9	351.3	377.3	462.5	547.7	632.9	718.2	808.6
	82.5°	130.4	140.8	151.3	160.0	170.4	179.1	187.8	196.5	205.2	196.5
	85°	34.8	34.8	36.5	36.5	36.5	36.5	36.5	36.5	36.5	34.8
	87.5°	15.6	15.6	15.6	15.6	15.6	15.6	15.6	13.9	13.9	12.2
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
100.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
302.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
725.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1881.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3990.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6157.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8353.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10115.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11834.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13467.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15368.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18621.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24229.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32723.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39284.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42430.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43221.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43657.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44567.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44892.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42605.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36095.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28642.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22394.9											
17374.8											
10570.6											
3055.2											
899.0											
186.1											
33.0											
12.2											
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°	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9
0.0	2.5°	113.0	111.3	109.5	107.8	106.1	102.6	102.6	100.9	100.9
0.0	5°	123.5	121.7	120.0	118.2	118.2	116.5	114.8	114.8	113.0
0.0	7.5°	140.8	139.1	137.4	135.6	135.6	133.9	133.9	132.2	132.2
0.0	10°	161.7	161.7	161.7	161.7	161.7	160.0	160.0	160.0	158.2
0.0	12.5°	203.4	205.2	208.7	212.1	217.4	217.4	217.4	215.6	215.6
0.0	15°	321.7	340.8	354.7	368.6	380.8	408.6	405.2	399.9	396.5
0.0	17.5°	813.8	900.7	947.7	992.9	1039.8	1168.5	1147.7	1126.8	1107.7
0.0	20°	2109.3	2337.0	2488.3	2639.6	2792.6	3034.3	2975.2	2916.1	2857.0
0.0	22.5°	4512.4	5035.8	5263.6	5491.4	5717.4	6009.5	5820.0	5630.5	5442.7
0.0	25°	6835.5	7515.4	7899.7	8284.0	8666.5	8833.5	8586.5	8337.9	8091.0
0.0	27.5°	9122.1	9890.7	10229.8	10567.1	10906.2	11255.7	10949.7	10641.9	10335.8
0.0	30°	10954.9	11794.8	12161.7	12526.8	12893.7	13137.2	12820.7	12502.5	12186.0
0.0	32.5°	12752.9	13671.0	14072.7	14474.4	14874.3	15223.8	14834.3	14443.1	14053.6
0.0	35°	14514.4	15562.9	16115.9	16668.8	17221.8	17546.9	17084.4	16620.1	16157.6
0.0	37.5°	16663.6	17959.1	18578.1	19197.1	19816.2	20409.1	19899.6	19388.4	18878.9
0.0	40°	20449.1	22276.7	23226.1	24177.3	25126.7	25891.8	25248.4	24605.0	23961.6
0.0	42.5°	26837.7	29446.0	30811.1	32174.3	33539.3	34733.9	34057.5	33381.1	32704.7
0.0	45°	36194.6	39665.4	41329.5	42991.8	44655.9	45528.9	44555.1	43579.6	42605.8
0.0	47.5°	42739.7	46196.6	47678.1	49159.6	50641.1	51637.5	50446.4	49255.3	48065.9
0.0	50°	45716.7	49004.9	50491.6	51976.6	53463.3	54254.5	52879.1	51501.9	50126.4
0.0	52.5°	46292.2	49364.8	51138.5	52913.8	54687.5	55744.7	54120.6	52494.8	50870.7
0.0	55°	46914.7	50171.6	52228.7	54287.6	56344.6	57808.8	55972.5	54134.5	52298.3
0.0	57.5°	48086.7	51608.0	53659.8	55710.0	57761.8	59005.1	57163.6	55320.4	53479.0
0.0	60°	48191.1	51488.0	53251.2	55016.1	56779.4	57561.8	55800.4	54037.2	52275.7
0.0	62.5°	45080.2	47554.6	48778.8	50003.0	51227.1	52077.4	50239.5	48399.7	46561.7
0.0	65°	37627.4	39159.4	40134.9	41110.4	42085.9	43099.7	41416.4	39733.2	38050.0
0.0	67.5°	29814.7	30986.7	32271.7	33556.7	34841.8	35925.1	34577.5	33228.1	31880.5
	70°	23977.3	25557.9	27002.9	28447.9	29892.9	30779.8	29426.9	28072.3	26719.5
	72.5°	19049.3	20723.9	21930.6	23135.7	24342.5	24559.8	23565.2	22570.5	21577.7
	75°	11567.0	12565.1	12589.4	12612.0	12636.4	12843.3	12019.1	11194.9	10372.4
	77.5°	3411.7	3768.1	4062.0	4354.1	4648.0	5002.7	4700.2	4395.9	4093.3
	80°	987.7	1078.1	1154.6	1229.4	1305.9	1260.7	1189.4	1118.1	1046.8
	82.5°	177.4	166.9	165.2	163.5	163.5	154.8	140.8	126.9	113.0
	85°	31.3	29.6	27.8	26.1	24.3	22.6	19.1	17.4	13.9
	87.5°	10.4	8.7	7.0	5.2	5.2	1.7	1.7	1.7	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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CATALOG NUMBER: GALN-SA5C-840-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049227

CATALOG NUMBER: GALN-SA5C-840-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°	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9
0.0	0.0	2.5°	99.1	97.4	97.4	97.4	97.4	95.6	95.6	95.6	95.6
0.0	0.0	5°	109.5	109.5	107.8	107.8	106.1	106.1	104.3	104.3	102.6
0.0	0.0	7.5°	128.7	126.9	125.2	123.5	121.7	118.2	116.5	114.8	114.8
0.0	0.0	10°	154.8	151.3	149.5	146.1	144.3	140.8	137.4	133.9	130.4
0.0	0.0	12.5°	203.4	196.5	191.3	184.3	177.4	172.1	165.2	160.0	153.0
0.0	0.0	15°	353.0	335.6	316.5	293.9	269.5	246.9	222.6	208.7	193.0
0.0	0.0	17.5°	902.5	812.1	719.9	645.1	570.3	497.3	422.5	368.6	314.7
0.0	0.0	20°	2297.0	2046.7	1796.3	1549.3	1300.7	1053.8	805.1	679.9	554.7
0.0	0.0	22.5°	4322.8	3858.6	3392.5	2942.2	2490.1	2039.7	1589.3	1305.9	1024.2
0.0	0.0	25°	6672.0	6087.8	5503.5	4762.8	4020.3	3279.5	2538.8	2078.0	1617.2
0.0	0.0	27.5°	8682.2	8009.2	7336.3	6435.6	5534.8	4634.1	3733.4	3046.5	2361.4
0.0	0.0	30°	10422.8	9699.4	8976.1	7927.5	6879.0	5830.4	4781.9	3922.9	3063.9
0.0	0.0	32.5°	11932.1	11066.2	10200.2	9118.6	8037.1	6955.5	5873.9	4820.2	3766.4
0.0	0.0	35°	13672.7	12662.5	11650.4	10450.6	9249.1	8049.2	6849.4	5660.0	4468.9
0.0	0.0	37.5°	15884.6	14644.8	13403.2	12066.0	10728.8	9393.4	8056.2	6696.4	5336.6
0.0	0.0	40°	20118.7	18519.0	16919.2	15220.3	13519.7	11820.8	10122.0	8452.7	6783.3
0.0	0.0	42.5°	27705.4	25544.0	23382.6	21122.1	18859.8	16599.3	14337.0	11982.6	9626.4
0.0	0.0	45°	36267.6	33586.3	30903.2	28366.2	25827.5	23290.4	20753.4	17522.6	14291.8
0.0	0.0	47.5°	41082.6	38187.3	35292.1	32890.7	30489.4	28088.0	25686.6	22203.6	18720.7
0.0	0.0	50°	42854.5	39907.1	36959.7	34749.6	32537.8	30327.6	28115.8	24627.6	21137.7
0.0	0.0	52.5°	43231.8	40225.3	37218.8	34994.8	32770.8	30548.5	28324.5	24858.9	21393.3
0.0	0.0	55°	44007.3	40781.7	37554.4	35019.1	32483.8	29948.6	27413.3	23892.1	20370.9
0.0	0.0	57.5°	45021.1	41713.8	38406.4	35518.2	32629.9	29743.4	26855.1	23005.3	19155.4
0.0	0.0	60°	44755.1	41877.2	38997.7	35904.2	32809.0	29715.6	26620.4	22386.2	18150.3
0.0	0.0	62.5°	40136.6	37844.8	35551.2	33007.2	30461.5	27917.6	25373.6	21014.3	16654.9
0.0	0.0	65°	33019.4	31346.6	29673.8	27627.2	25578.8	23532.1	21485.5	17576.5	13669.3
0.0	0.0	67.5°	26761.2	24876.3	22989.6	21358.6	19725.8	18094.7	16461.9	13385.8	10309.8
		70°	21261.2	19211.0	17159.2	15566.4	13971.8	12379.0	10786.2	8741.3	6698.1
		72.5°	16884.4	15036.0	13187.6	11488.7	9788.1	8089.2	6388.6	5180.1	3971.6
		75°	8070.1	7331.1	6592.1	5703.5	4814.9	3926.4	3037.8	2510.9	1985.8
		77.5°	2990.9	2592.7	2192.7	1831.0	1469.3	1109.4	747.7	685.1	622.5
		80°	773.8	674.7	573.8	502.5	429.5	358.2	286.9	259.1	233.0
		82.5°	88.7	81.7	76.5	73.0	67.8	64.3	59.1	53.9	48.7
		85°	5.2	3.5	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: P1049227

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CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	100.9	100.9
0.0	0.0	2.5°	93.9	92.2
0.0	0.0	5°	99.1	97.4
0.0	0.0	7.5°	109.5	106.1
0.0	0.0	10°	120.0	116.5
0.0	0.0	12.5°	135.6	130.4
0.0	0.0	15°	153.0	142.6
0.0	0.0	17.5°	182.6	160.0
0.0	0.0	20°	246.9	189.5
0.0	0.0	22.5°	347.8	236.5
0.0	0.0	25°	511.2	326.9
0.0	0.0	27.5°	711.2	434.7
0.0	0.0	30°	945.9	544.3
0.0	0.0	32.5°	1152.9	648.6
0.0	0.0	35°	1422.4	754.7
0.0	0.0	37.5°	1754.5	890.3
0.0	0.0	40°	2269.2	1095.5
0.0	0.0	42.5°	3196.0	1474.6
0.0	0.0	45°	5190.5	2549.2
0.0	0.0	47.5°	7986.6	4216.8
0.0	0.0	50°	9770.7	5381.8
0.0	0.0	52.5°	9916.8	5373.1
0.0	0.0	55°	9052.6	4776.7
0.0	0.0	57.5°	7724.1	3992.4
0.0	0.0	60°	6419.9	3157.8
0.0	0.0	62.5°	5058.4	2180.5
0.0	0.0	65°	3696.8	1542.4
0.0	0.0	67.5°	2655.3	1152.9
		70°	1745.8	883.3
		72.5°	1137.2	719.9
		75°	765.1	596.4
		77.5°	446.9	396.5
		80°	158.2	139.1
		82.5°	29.6	20.9
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1049227

CATALOG NUMBER: GALN-SA5C-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

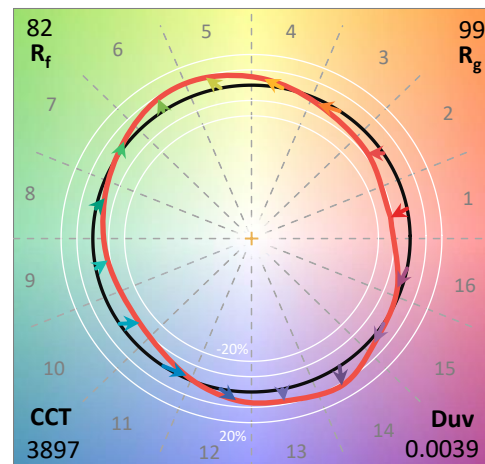
Test Information

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

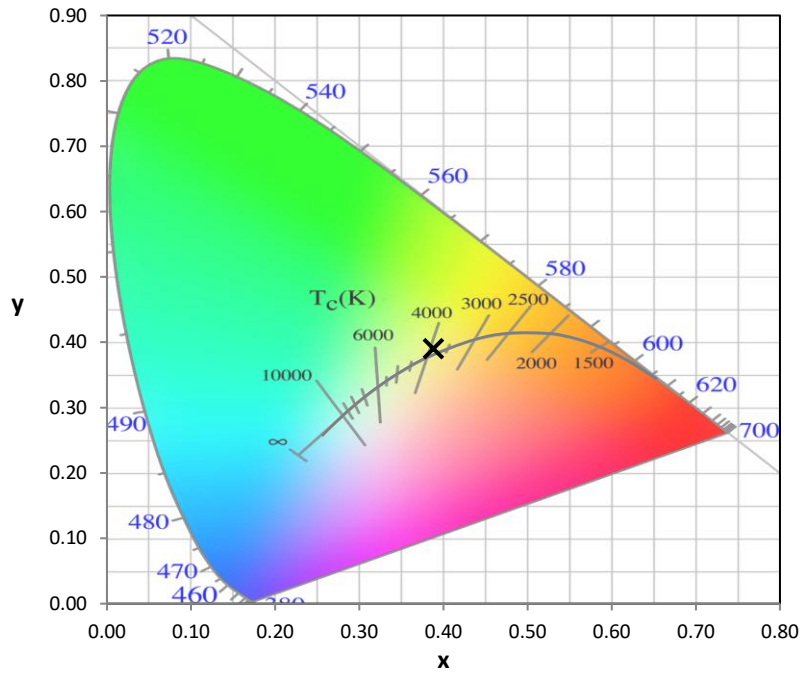
Stabilization Time: 24M
 Operation Time: 1H 24M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-11

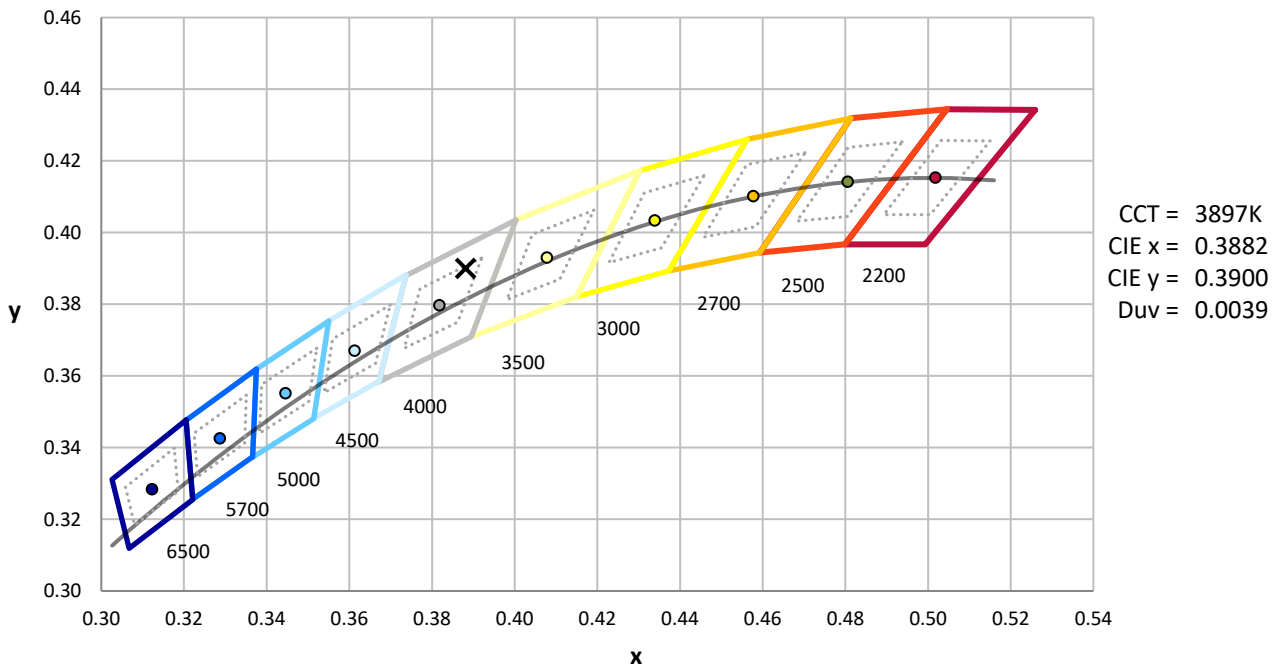
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



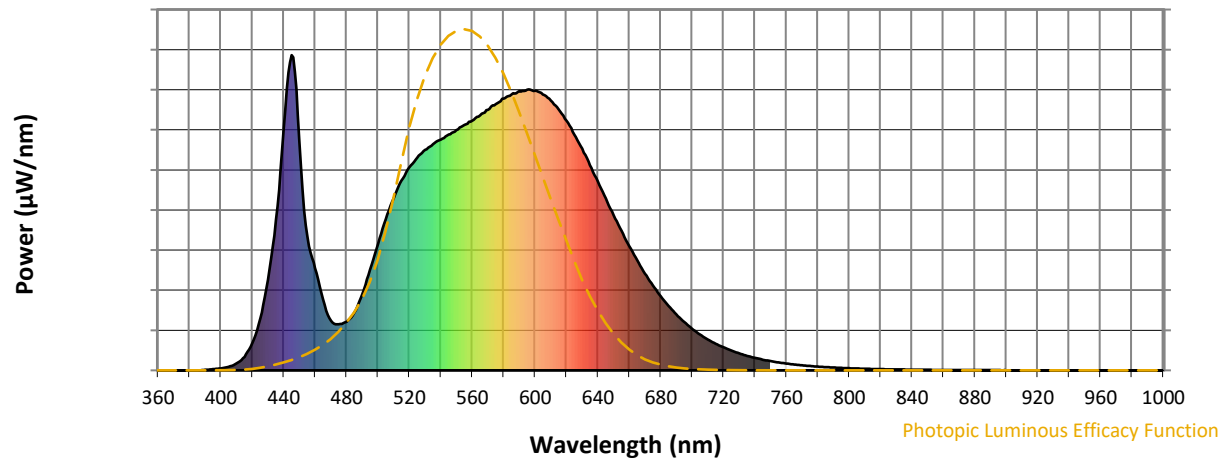
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

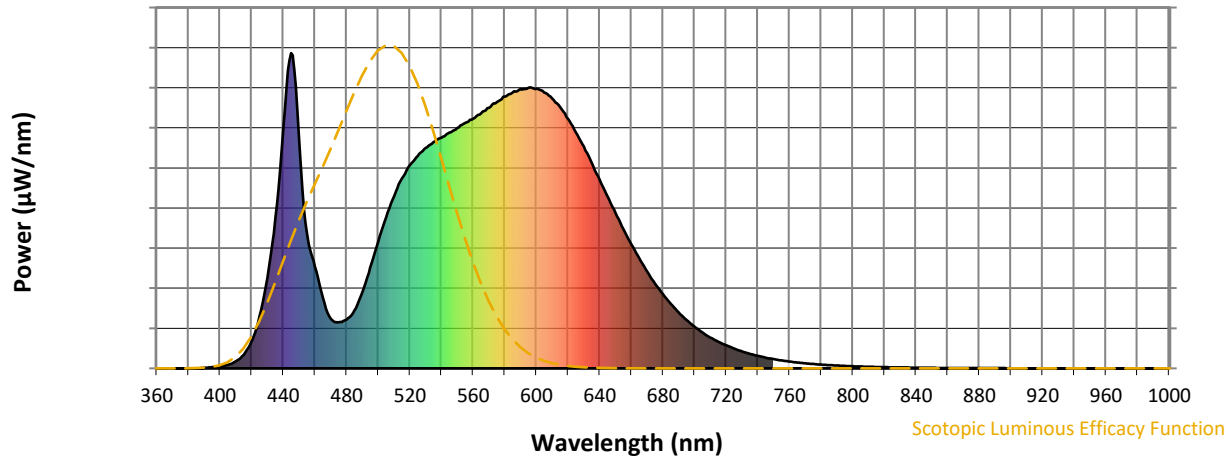


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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	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



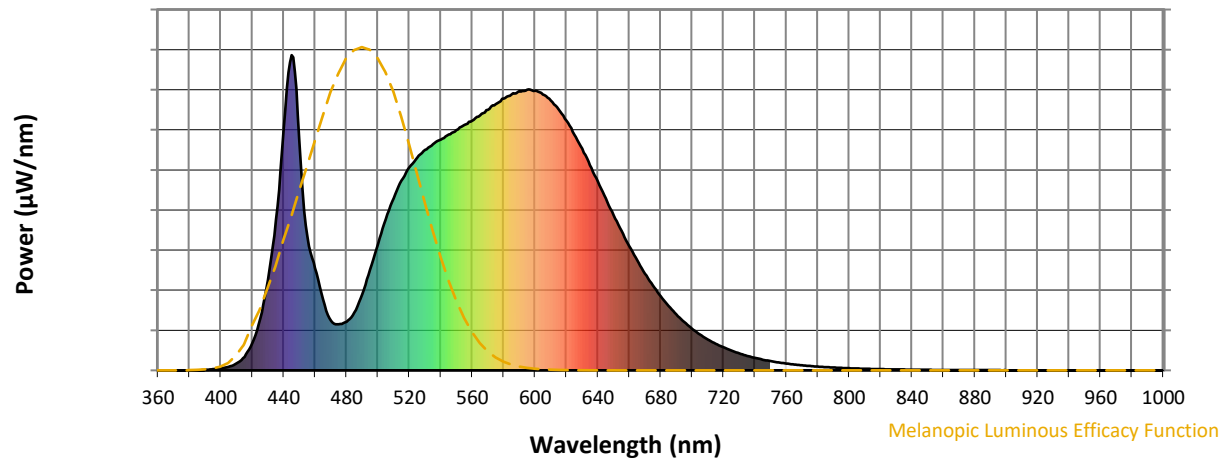
Scotopic Lumens: NR

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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.06

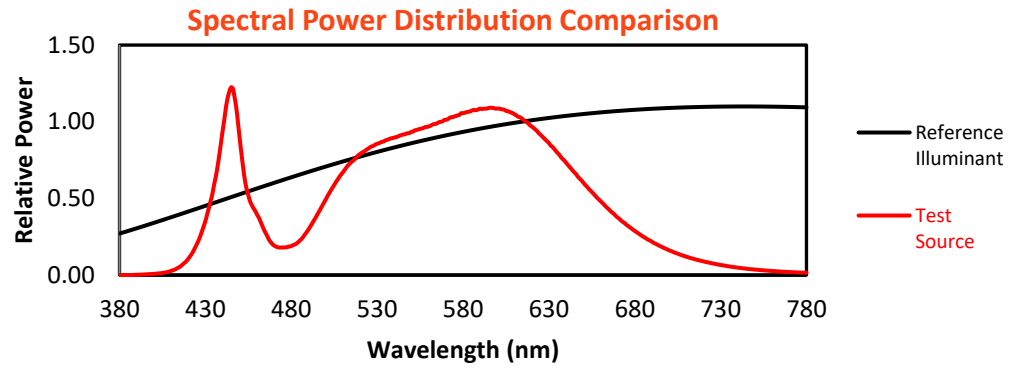
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	242	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			

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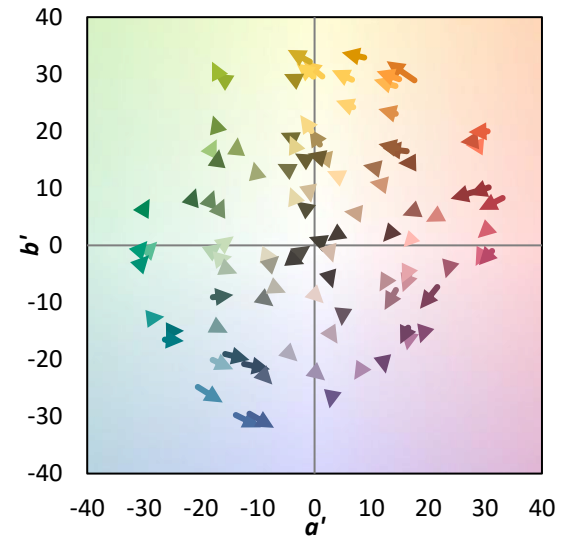
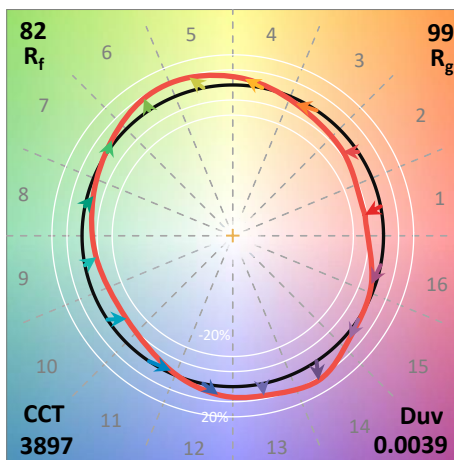
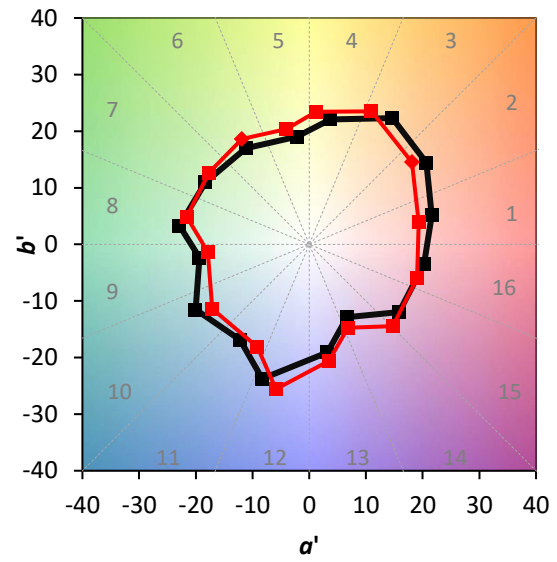
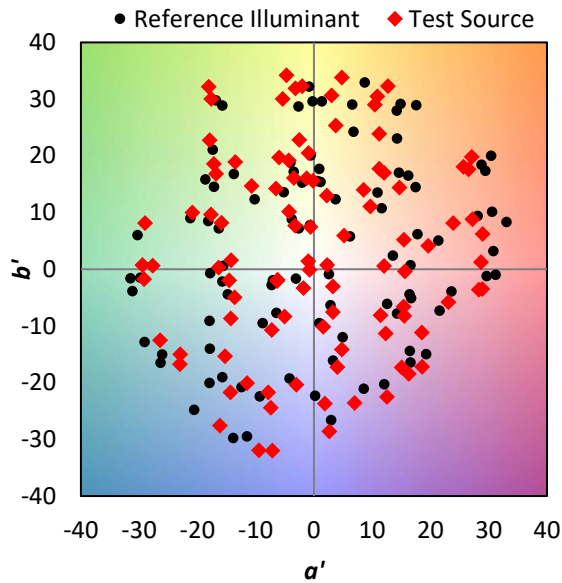
TM-30-18

Summary

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

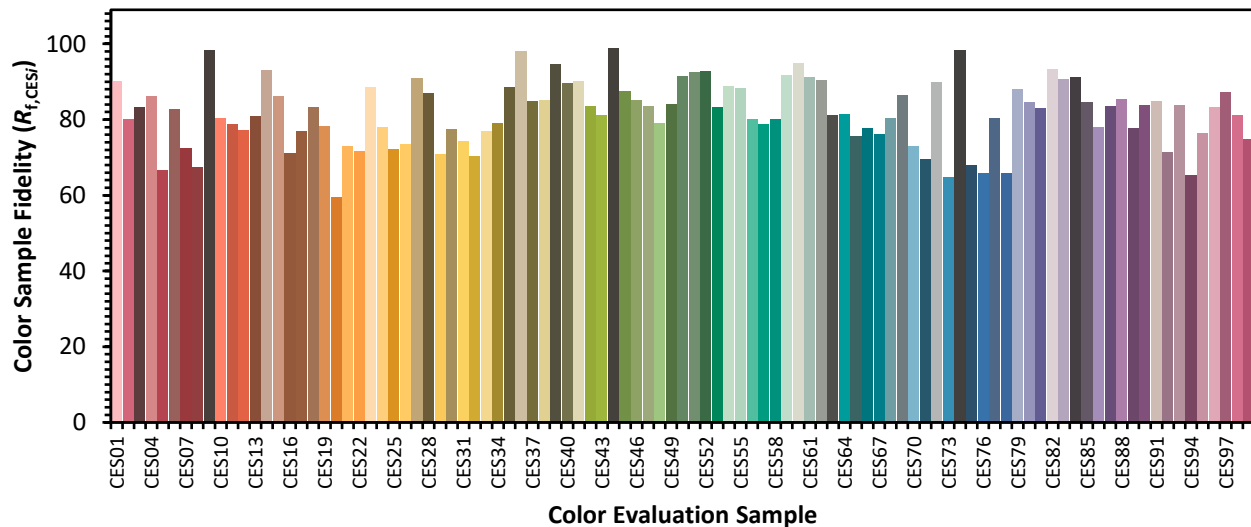


Color Vector Graphics

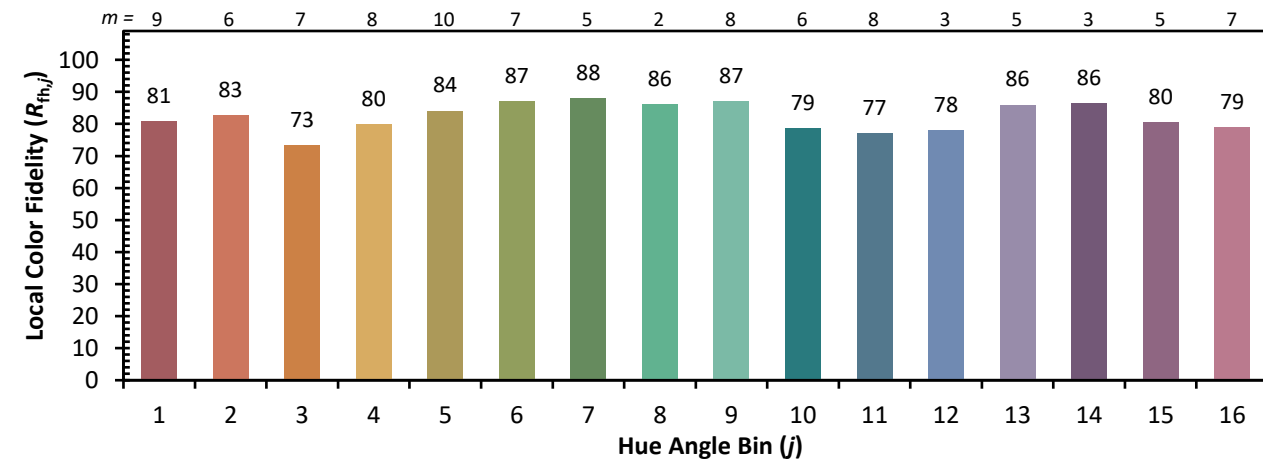
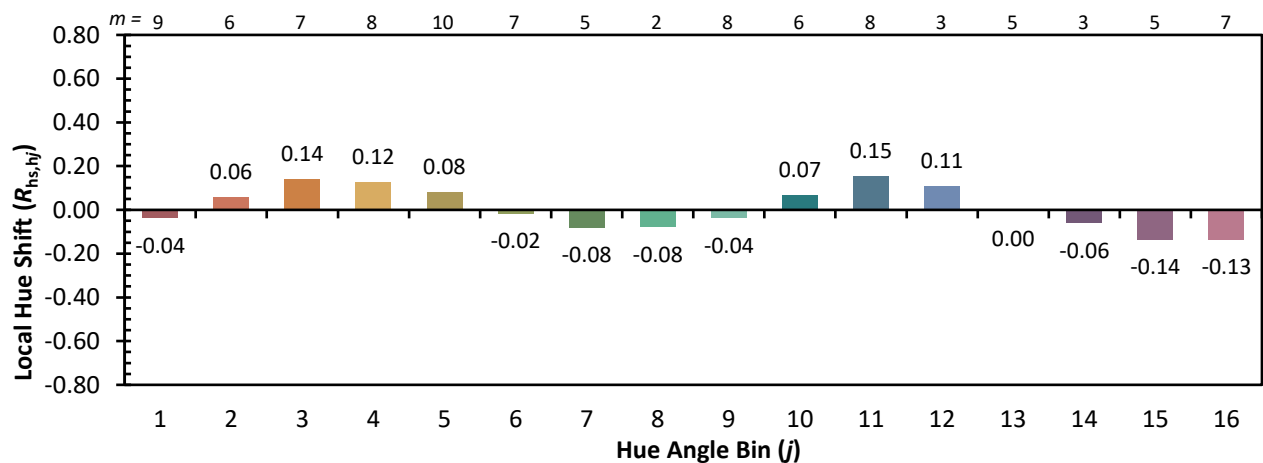
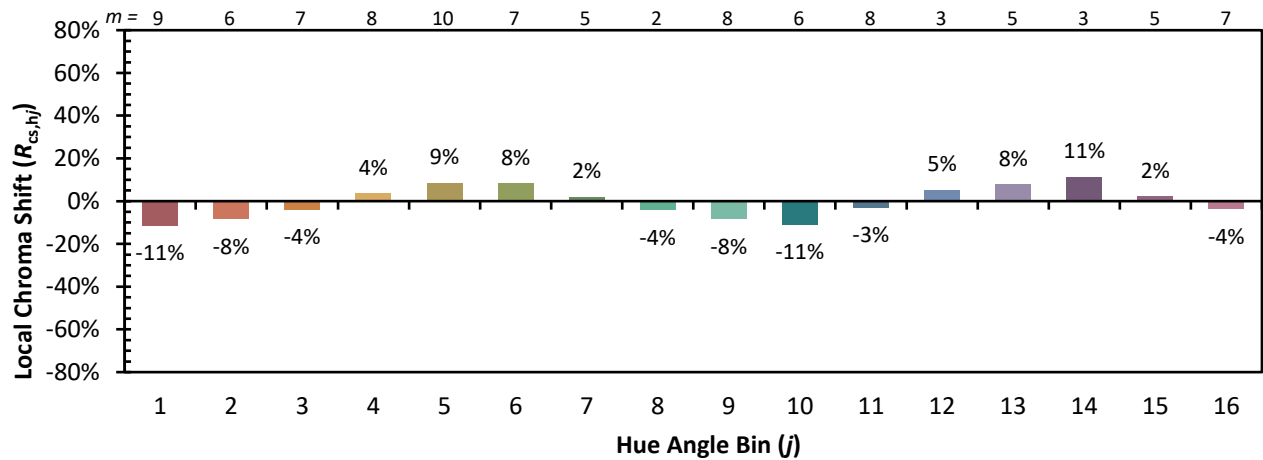


Individual Sample Fidelity Index ($R_{f,i}$)

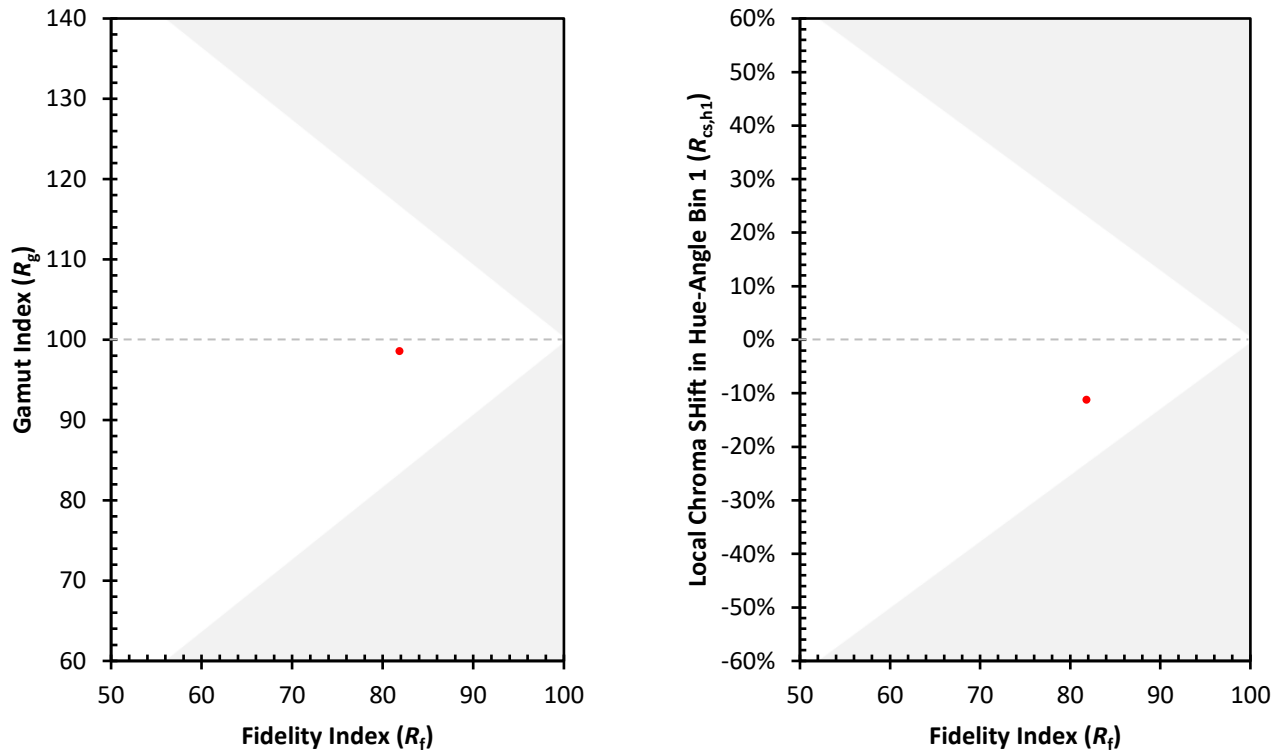
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 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)