

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: P1049235

Luminaire Tested: **GALN-SA7C-840-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049235
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7C-840-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 7xLight Square PACKAGE
80CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (98) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 32132 lumens
Efficiency: N/A
Efficacy: 97.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 330
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

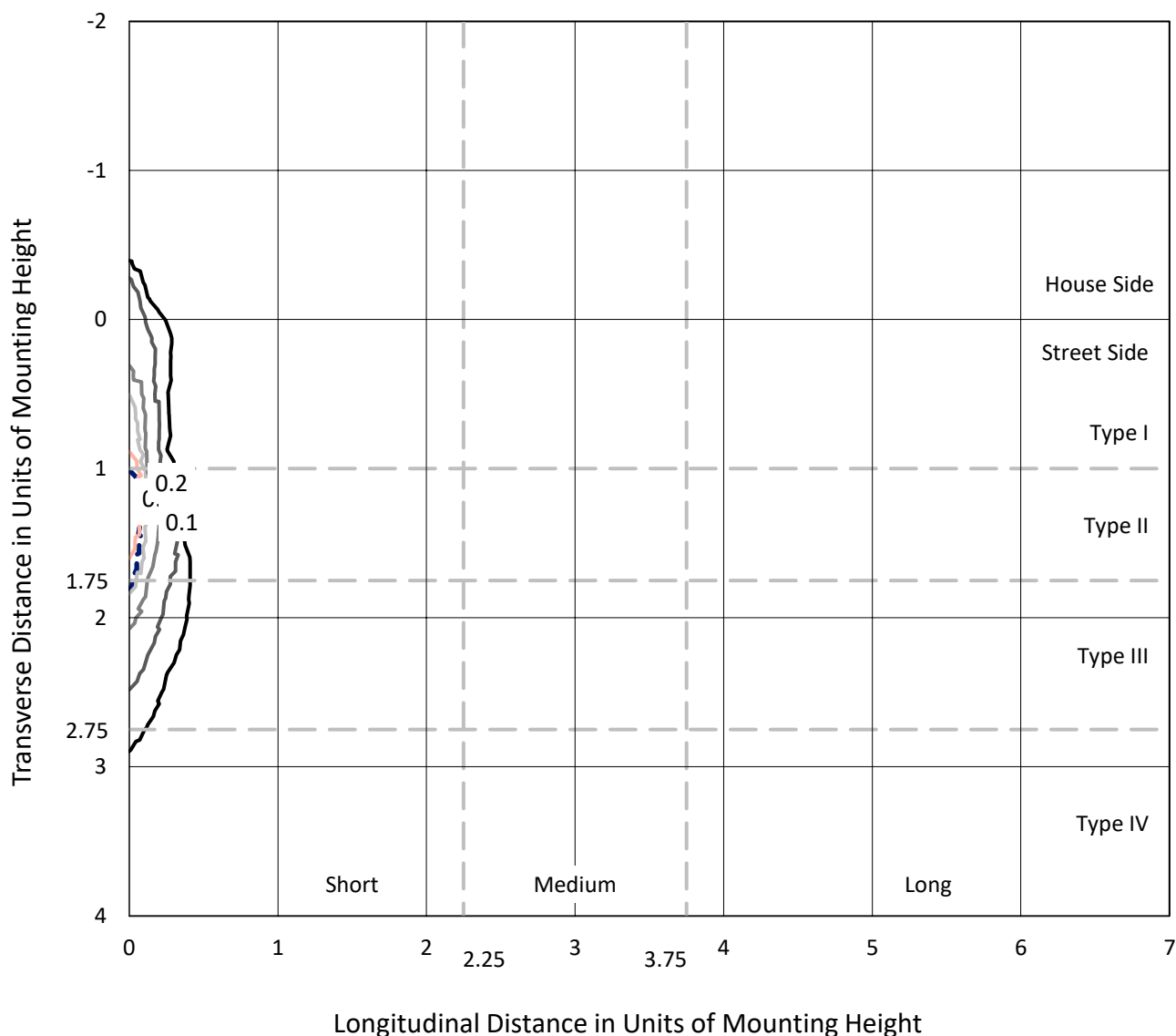
REPORT NUMBER: P1049235

CATALOG NUMBER: GALN-SA7C-840-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

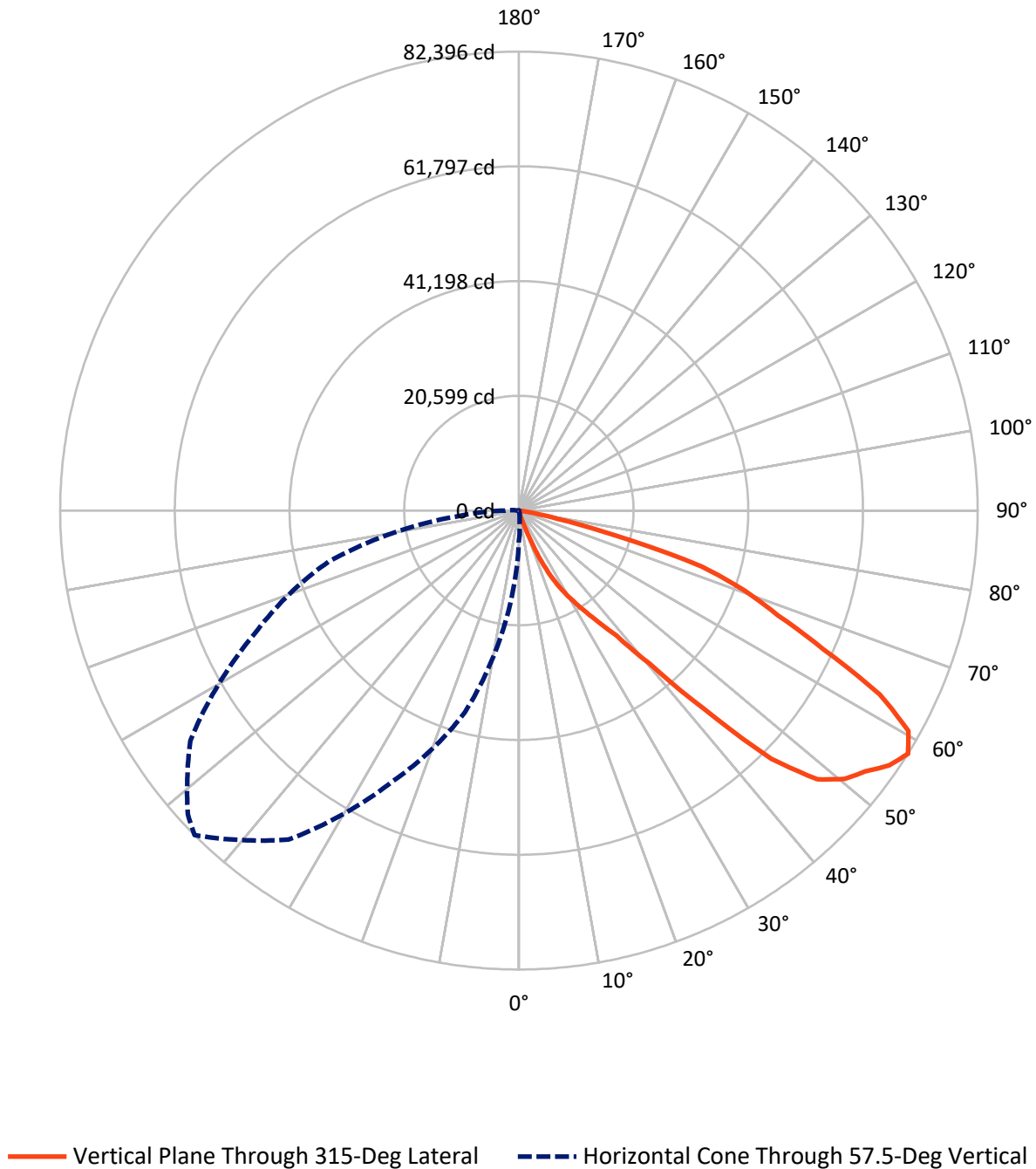


Based on 20 foot mounting height. Maximum calculated value = 4.7 fc

Type III - Short - N/A

REPORT NUMBER: P1049235
CATALOG NUMBER: GALN-SA7C-840-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1049235

CATALOG NUMBER: GALN-SA7C-840-U-RBC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	160.9	0.0	160.9
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	31971.1	0.0	31971.1
	% Fixture	99.5	0.0	99.5
Total	Lumens	32132.0	0.0	32132.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.6	0.0
10°-20°	70.6	0.2
20°-30°	761.5	2.4
30°-40°	2251.8	7.0
40°-50°	6711.1	20.9
50°-60°	10641.4	33.1
60°-70°	8883.0	27.6
70°-80°	2739.2	8.5
80°-90°	60.9	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	32132.0	100.0
0°-180°	32132.0	100.0



REPORT NUMBER: P1049235

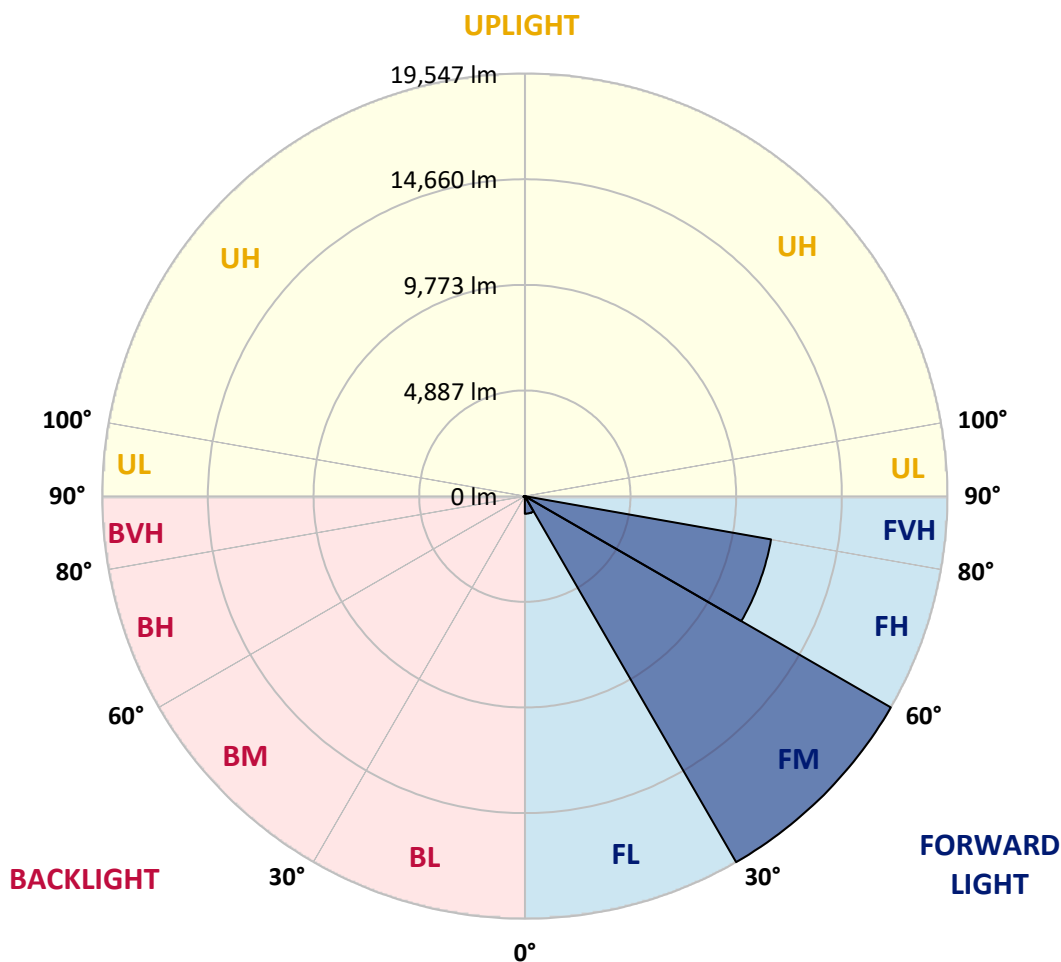
CATALOG NUMBER: GALN-SA7C-840-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	815.1	2.5			
FM	(30°-60°)	19546.8	60.8			
FH	(60°-80°)	11562.1	36.0			G4/12000
FVH	(80°-90°)	47.1	0.1			G1/100
BL	(0°-30°)	29.6	0.1	B0/110		
BM	(30°-60°)	57.5	0.2	B0/220		
BH	(60°-80°)	60.0	0.2	B0/110		G0/110
BVH	(80°-90°)	13.8	0.0			G1/100
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



REPORT NUMBER: P1049235

CATALOG NUMBER: GALN-SA7C-840-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8
2.5°	128.7	128.7	128.7	128.7	126.3	126.3	123.8	123.8	121.4	121.4
5°	136.0	136.0	133.6	131.1	131.1	128.7	126.3	123.8	123.8	121.4
7.5°	148.1	145.7	143.3	140.8	136.0	133.6	128.7	126.3	123.8	119.0
10°	162.7	157.8	153.0	148.1	143.3	138.4	133.6	131.1	126.3	123.8
12.5°	182.1	174.8	165.1	157.8	153.0	145.7	140.8	136.0	128.7	123.8
15°	199.1	189.4	177.3	167.5	160.3	150.5	143.3	136.0	131.1	123.8
17.5°	223.4	206.4	187.0	174.8	165.1	153.0	140.8	133.6	126.3	116.6
20°	264.7	230.7	194.3	179.7	165.1	150.5	136.0	126.3	119.0	109.3
22.5°	330.2	272.0	213.7	191.8	172.4	150.5	131.1	121.4	111.7	102.0
25°	456.5	352.1	247.7	218.5	189.4	160.3	131.1	119.0	109.3	97.1
27.5°	607.0	451.6	293.8	252.5	213.7	172.4	131.1	116.6	104.4	89.8
30°	760.0	553.6	344.8	291.4	238.0	184.5	131.1	114.1	99.6	82.6
32.5°	905.7	648.3	388.5	325.4	262.2	196.7	133.6	114.1	94.7	75.3
35°	1053.8	726.0	395.8	330.2	264.7	196.7	131.1	109.3	89.8	68.0
37.5°	1243.2	813.4	381.2	315.7	252.5	187.0	123.8	104.4	85.0	63.1
40°	1529.8	959.1	388.5	320.5	252.5	184.5	116.6	97.1	80.1	60.7
42.5°	2059.1	1240.8	420.1	342.4	264.7	184.5	106.8	89.8	75.3	58.3
45°	3559.7	2061.5	563.3	446.8	330.2	213.7	97.1	82.6	70.4	55.8
47.5°	5888.4	3450.5	1012.6	781.9	553.6	322.9	94.7	82.6	70.4	55.8
50°	7515.2	4395.0	1274.8	981.0	687.2	393.4	99.6	85.0	72.8	58.3
52.5°	7503.1	4463.0	1420.5	1090.3	762.5	432.2	104.4	89.8	77.7	63.1
55°	6670.2	4059.9	1447.2	1112.1	779.4	444.4	111.7	97.1	82.6	68.0
57.5°	5575.1	3448.0	1320.9	1022.3	726.0	427.4	128.7	111.7	97.1	80.1
60°	4409.6	2719.6	1029.6	813.4	599.8	383.7	170.0	148.1	128.7	106.8
62.5°	3044.9	1971.7	898.4	721.2	546.3	369.1	194.3	172.4	153.0	131.1
65°	2153.8	1483.6	811.0	660.5	512.3	361.8	211.3	187.0	165.1	140.8
67.5°	1609.9	1180.1	747.9	619.2	490.5	361.8	233.1	204.0	177.3	148.1
70°	1233.5	968.8	701.7	597.3	495.4	390.9	286.5	245.2	206.4	165.1
72.5°	1005.3	828.0	648.3	573.1	497.8	422.5	347.2	293.8	240.4	184.5
75°	832.9	709.0	585.2	522.1	461.4	398.2	335.1	286.5	240.4	191.8
77.5°	553.6	505.1	454.1	417.6	381.2	342.4	306.0	264.7	225.8	184.5
80°	194.3	187.0	179.7	194.3	208.8	223.4	238.0	208.8	182.1	153.0
82.5°	29.1	26.7	24.3	26.7	29.1	31.6	34.0	36.4	38.9	41.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049235

CATALOG NUMBER: GALN-SA7C-840-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049235

CATALOG NUMBER: GALN-SA7C-840-U-RBC

CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8
0.0	2.5°	119.0	119.0	116.6	116.6	116.6	114.1	114.1	111.7	111.7	111.7
0.0	5°	116.6	116.6	114.1	111.7	109.3	109.3	106.8	104.4	104.4	102.0
0.0	7.5°	114.1	111.7	109.3	106.8	104.4	102.0	99.6	97.1	97.1	94.7
0.0	10°	116.6	111.7	109.3	104.4	102.0	99.6	94.7	92.3	89.8	89.8
0.0	12.5°	111.7	109.3	104.4	99.6	97.1	92.3	89.8	85.0	82.6	82.6
0.0	15°	111.7	106.8	99.6	94.7	89.8	87.4	82.6	77.7	75.3	72.8
0.0	17.5°	104.4	99.6	92.3	87.4	82.6	77.7	72.8	68.0	65.6	63.1
0.0	20°	94.7	89.8	82.6	75.3	70.4	65.6	60.7	55.8	53.4	51.0
0.0	22.5°	85.0	80.1	72.8	65.6	60.7	55.8	48.6	43.7	41.3	36.4
0.0	25°	80.1	72.8	65.6	58.3	51.0	46.1	38.9	31.6	26.7	21.9
0.0	27.5°	68.0	60.7	53.4	46.1	38.9	31.6	24.3	17.0	12.1	9.7
0.0	30°	58.3	51.0	43.7	36.4	26.7	19.4	12.1	2.4	2.4	2.4
0.0	32.5°	48.6	41.3	31.6	24.3	19.4	12.1	7.3	0.0	0.0	0.0
0.0	35°	38.9	31.6	21.9	14.6	12.1	7.3	4.9	0.0	0.0	0.0
0.0	37.5°	34.0	26.7	17.0	7.3	4.9	4.9	2.4	0.0	0.0	0.0
0.0	40°	31.6	21.9	12.1	2.4	2.4	2.4	0.0	0.0	0.0	0.0
0.0	42.5°	31.6	21.9	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	31.6	21.9	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	31.6	21.9	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	34.0	24.3	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	38.9	29.1	19.4	9.7	7.3	4.9	2.4	0.0	0.0	0.0
0.0	55°	48.6	43.7	36.4	31.6	24.3	17.0	7.3	0.0	0.0	0.0
0.0	57.5°	63.1	63.1	60.7	58.3	43.7	29.1	14.6	0.0	0.0	0.0
0.0	60°	85.0	85.0	85.0	85.0	63.1	43.7	21.9	0.0	0.0	0.0
0.0	62.5°	104.4	99.6	92.3	87.4	65.6	43.7	21.9	0.0	0.0	0.0
0.0	65°	104.4	94.7	82.6	70.4	53.4	36.4	17.0	0.0	0.0	0.0
0.0	67.5°	97.1	77.7	55.8	36.4	26.7	19.4	9.7	0.0	0.0	0.0
	70°	97.1	68.0	38.9	9.7	7.3	4.9	2.4	0.0	0.0	0.0
	72.5°	97.1	65.6	31.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	106.8	72.8	36.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	106.8	72.8	36.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	94.7	63.1	31.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	31.6	21.9	9.7	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-SA7C-840-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049235

CATALOG NUMBER: GALN-SA7C-840-U-RBC

CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8
0.0	2.5°	109.3	109.3	109.3	106.8	106.8	106.8	106.8	104.4	104.4	104.4
0.0	5°	99.6	99.6	97.1	97.1	94.7	94.7	92.3	92.3	89.8	89.8
0.0	7.5°	92.3	89.8	89.8	87.4	85.0	85.0	82.6	82.6	80.1	77.7
0.0	10°	85.0	82.6	82.6	80.1	77.7	75.3	75.3	72.8	70.4	68.0
0.0	12.5°	77.7	75.3	72.8	70.4	68.0	65.6	65.6	63.1	60.7	58.3
0.0	15°	68.0	65.6	63.1	60.7	58.3	55.8	55.8	53.4	51.0	48.6
0.0	17.5°	58.3	55.8	55.8	53.4	51.0	48.6	46.1	41.3	38.9	36.4
0.0	20°	43.7	41.3	38.9	36.4	34.0	29.1	26.7	21.9	17.0	14.6
0.0	22.5°	29.1	24.3	21.9	17.0	12.1	9.7	7.3	2.4	0.0	0.0
0.0	25°	9.7	7.3	4.9	2.4	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

CATALOG NUMBER: GALN-SA7C-840-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049235

CATALOG NUMBER: GALN-SA7C-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°	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8
0.0	2.5°	102.0	102.0	102.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0.0	5°	87.4	87.4	87.4	85.0	85.0	82.6	82.6	82.6	80.1	80.1
0.0	7.5°	75.3	72.8	72.8	70.4	70.4	68.0	68.0	68.0	65.6	65.6
0.0	10°	63.1	60.7	60.7	58.3	58.3	55.8	55.8	53.4	53.4	51.0
0.0	12.5°	55.8	53.4	51.0	48.6	48.6	46.1	43.7	43.7	41.3	38.9
0.0	15°	43.7	41.3	38.9	36.4	34.0	31.6	29.1	29.1	26.7	24.3
0.0	17.5°	29.1	24.3	21.9	19.4	19.4	17.0	14.6	12.1	9.7	7.3
0.0	20°	7.3	4.9	2.4	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: P1049235

CATALOG NUMBER: GALN-SA7C-840-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049235

CATALOG NUMBER: GALN-SA7C-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°	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8
0.0	2.5°	99.6	97.1	97.1	97.1	99.6	99.6	99.6	99.6	99.6	99.6
0.0	5°	80.1	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
0.0	7.5°	65.6	63.1	63.1	63.1	63.1	60.7	60.7	60.7	60.7	60.7
0.0	10°	51.0	48.6	48.6	48.6	48.6	46.1	46.1	46.1	46.1	46.1
0.0	12.5°	36.4	36.4	34.0	34.0	34.0	31.6	31.6	31.6	31.6	29.1
0.0	15°	21.9	19.4	17.0	17.0	17.0	14.6	14.6	14.6	14.6	12.1
0.0	17.5°	4.9	4.9	2.4	2.4	2.4	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
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: P1049235

CATALOG NUMBER: GALN-SA7C-840-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049235

CATALOG NUMBER: GALN-SA7C-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°	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8
0.0	2.5°	102.0	102.0	104.4	104.4	106.8	111.7	114.1	116.6	121.4	126.3
0.0	5°	80.1	82.6	82.6	85.0	87.4	89.8	92.3	94.7	99.6	104.4
0.0	7.5°	63.1	63.1	65.6	65.6	68.0	72.8	75.3	77.7	82.6	89.8
0.0	10°	48.6	48.6	51.0	51.0	53.4	58.3	60.7	63.1	68.0	75.3
0.0	12.5°	31.6	34.0	34.0	36.4	38.9	43.7	46.1	48.6	53.4	58.3
0.0	15°	14.6	17.0	17.0	19.4	21.9	26.7	29.1	31.6	36.4	43.7
0.0	17.5°	2.4	2.4	4.9	4.9	7.3	9.7	12.1	14.6	21.9	26.7
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	9.7
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
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



REPORT NUMBER: P1049235

CATALOG NUMBER: GALN-SA7C-840-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049235

CATALOG NUMBER: GALN-SA7C-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°	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8
0.0	2.5°	133.6	138.4	143.3	148.1	153.0	157.8	160.3	165.1	167.5	170.0
0.0	5°	114.1	119.0	126.3	131.1	136.0	140.8	145.7	148.1	150.5	153.0
0.0	7.5°	99.6	104.4	111.7	116.6	121.4	126.3	131.1	136.0	138.4	140.8
0.0	10°	85.0	92.3	97.1	104.4	109.3	114.1	119.0	123.8	128.7	131.1
0.0	12.5°	68.0	75.3	82.6	87.4	94.7	102.0	106.8	111.7	116.6	121.4
0.0	15°	53.4	60.7	68.0	72.8	80.1	87.4	94.7	99.6	104.4	109.3
0.0	17.5°	38.9	46.1	53.4	58.3	65.6	72.8	77.7	85.0	89.8	94.7
0.0	20°	19.4	26.7	34.0	41.3	48.6	55.8	60.7	68.0	72.8	77.7
0.0	22.5°	2.4	9.7	17.0	21.9	29.1	36.4	41.3	48.6	53.4	58.3
0.0	25°	0.0	2.4	7.3	9.7	12.1	17.0	21.9	26.7	31.6	36.4
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.4	4.9	9.7	14.6	19.4
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9
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	2.4
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.4	4.9
	85°	0.0	0.0	0.0	0.0	0.0	4.9	7.3	12.1	14.6	17.0
	87.5°	0.0	2.4	4.9	7.3	9.7	14.6	19.4	24.3	26.7	29.1
	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: P1049235

CATALOG NUMBER: GALN-SA7C-840-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
140.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.3	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											
2.4											
9.7											
21.9											
31.6											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049235

CATALOG NUMBER: GALN-SA7C-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°	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8
0.0	2.5°	172.4	172.4	172.4	172.4	170.0	170.0	170.0	167.5	167.5	165.1
0.0	5°	157.8	160.3	160.3	160.3	160.3	160.3	160.3	160.3	157.8	157.8
0.0	7.5°	145.7	148.1	150.5	150.5	153.0	153.0	153.0	150.5	150.5	148.1
0.0	10°	138.4	140.8	140.8	143.3	143.3	143.3	143.3	143.3	143.3	143.3
0.0	12.5°	128.7	131.1	133.6	133.6	136.0	136.0	136.0	136.0	133.6	133.6
0.0	15°	116.6	121.4	123.8	126.3	126.3	128.7	128.7	128.7	128.7	128.7
0.0	17.5°	106.8	111.7	114.1	116.6	116.6	119.0	119.0	121.4	121.4	121.4
0.0	20°	87.4	92.3	94.7	99.6	102.0	104.4	106.8	109.3	109.3	111.7
0.0	22.5°	68.0	72.8	75.3	80.1	82.6	85.0	87.4	89.8	92.3	94.7
0.0	25°	48.6	53.4	55.8	60.7	63.1	65.6	68.0	70.4	70.4	72.8
0.0	27.5°	26.7	31.6	36.4	38.9	43.7	46.1	48.6	51.0	53.4	55.8
0.0	30°	12.1	14.6	17.0	21.9	24.3	26.7	29.1	34.0	36.4	38.9
0.0	32.5°	0.0	0.0	2.4	7.3	9.7	12.1	14.6	17.0	17.0	19.4
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.4	4.9	7.3	9.7
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°	4.9	4.9	4.9	7.3	7.3	7.3	7.3	7.3	7.3	7.3
	82.5°	12.1	14.6	17.0	17.0	19.4	19.4	19.4	19.4	17.0	17.0
	85°	24.3	26.7	29.1	29.1	31.6	31.6	31.6	31.6	31.6	31.6
	87.5°	34.0	36.4	38.9	38.9	41.3	41.3	41.3	41.3	41.3	41.3
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049235

CATALOG NUMBER: GALN-SA7C-840-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
140.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	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											
7.3											
17.0											
31.6											
41.3											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049235

CATALOG NUMBER: GALN-SA7C-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°	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8
0.0	2.5°	162.7	162.7	160.3	160.3	160.3	160.3	160.3	162.7	165.1	165.1
0.0	5°	155.4	155.4	153.0	153.0	153.0	155.4	155.4	157.8	160.3	162.7
0.0	7.5°	148.1	145.7	145.7	148.1	148.1	150.5	150.5	153.0	155.4	157.8
0.0	10°	143.3	140.8	140.8	140.8	143.3	143.3	145.7	148.1	150.5	153.0
0.0	12.5°	133.6	133.6	133.6	133.6	136.0	136.0	138.4	140.8	145.7	148.1
0.0	15°	128.7	126.3	126.3	126.3	126.3	128.7	128.7	133.6	138.4	140.8
0.0	17.5°	119.0	119.0	116.6	116.6	119.0	119.0	121.4	126.3	131.1	133.6
0.0	20°	109.3	106.8	104.4	104.4	106.8	106.8	109.3	114.1	119.0	121.4
0.0	22.5°	94.7	92.3	92.3	92.3	92.3	94.7	94.7	99.6	106.8	111.7
0.0	25°	75.3	77.7	77.7	80.1	80.1	82.6	85.0	89.8	97.1	102.0
0.0	27.5°	58.3	60.7	60.7	65.6	68.0	70.4	72.8	80.1	87.4	92.3
0.0	30°	43.7	46.1	48.6	51.0	55.8	60.7	65.6	72.8	80.1	85.0
0.0	32.5°	26.7	31.6	34.0	38.9	43.7	48.6	53.4	60.7	70.4	77.7
0.0	35°	19.4	21.9	26.7	29.1	34.0	38.9	43.7	53.4	60.7	70.4
0.0	37.5°	9.7	14.6	19.4	24.3	29.1	34.0	38.9	48.6	58.3	65.6
0.0	40°	7.3	12.1	14.6	19.4	26.7	31.6	36.4	46.1	55.8	65.6
0.0	42.5°	4.9	7.3	9.7	17.0	21.9	29.1	36.4	46.1	55.8	65.6
0.0	45°	4.9	4.9	7.3	14.6	21.9	31.6	38.9	48.6	55.8	65.6
0.0	47.5°	4.9	7.3	9.7	19.4	24.3	31.6	38.9	46.1	55.8	63.1
0.0	50°	7.3	9.7	12.1	21.9	26.7	34.0	38.9	48.6	55.8	65.6
0.0	52.5°	4.9	7.3	9.7	19.4	26.7	36.4	43.7	53.4	63.1	70.4
0.0	55°	2.4	2.4	2.4	14.6	29.1	41.3	55.8	63.1	72.8	80.1
0.0	57.5°	0.0	0.0	0.0	9.7	29.1	46.1	63.1	72.8	82.6	89.8
0.0	60°	0.0	0.0	0.0	9.7	29.1	46.1	63.1	75.3	87.4	99.6
0.0	62.5°	0.0	0.0	0.0	9.7	24.3	38.9	53.4	72.8	94.7	114.1
0.0	65°	0.0	0.0	0.0	7.3	19.4	31.6	43.7	72.8	102.0	128.7
0.0	67.5°	0.0	0.0	0.0	7.3	19.4	29.1	41.3	72.8	102.0	133.6
	70°	0.0	0.0	0.0	7.3	19.4	31.6	43.7	72.8	102.0	131.1
	72.5°	0.0	0.0	0.0	7.3	21.9	34.0	48.6	72.8	97.1	121.4
	75°	0.0	0.0	0.0	9.7	21.9	36.4	51.0	72.8	94.7	114.1
	77.5°	0.0	0.0	0.0	7.3	21.9	34.0	48.6	70.4	92.3	111.7
	80°	7.3	4.9	4.9	12.1	21.9	31.6	41.3	63.1	87.4	109.3
	82.5°	14.6	14.6	12.1	17.0	21.9	29.1	36.4	55.8	77.7	97.1
	85°	29.1	29.1	26.7	29.1	29.1	31.6	34.0	43.7	53.4	63.1
	87.5°	38.9	38.9	36.4	36.4	36.4	34.0	34.0	34.0	34.0	31.6
	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: P1049235

CATALOG NUMBER: GALN-SA7C-840-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
140.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.3											
145.7											
136.0											
133.6											
131.1											
116.6											
72.8											
31.6											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049235

CATALOG NUMBER: GALN-SA7C-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°	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8
0.0	2.5°	170.0	172.4	172.4	174.8	177.3	179.7	179.7	182.1	182.1	182.1
0.0	5°	167.5	172.4	174.8	177.3	179.7	182.1	184.5	187.0	189.4	189.4
0.0	7.5°	165.1	167.5	172.4	174.8	179.7	182.1	187.0	189.4	191.8	194.3
0.0	10°	160.3	165.1	170.0	174.8	179.7	184.5	189.4	194.3	199.1	201.5
0.0	12.5°	155.4	162.7	167.5	172.4	179.7	187.0	191.8	199.1	204.0	208.8
0.0	15°	153.0	157.8	165.1	170.0	179.7	189.4	196.7	206.4	216.1	223.4
0.0	17.5°	145.7	155.4	162.7	170.0	179.7	191.8	201.5	211.3	225.8	240.4
0.0	20°	136.0	143.3	153.0	160.3	174.8	187.0	201.5	213.7	235.5	257.4
0.0	22.5°	126.3	136.0	143.3	153.0	170.0	184.5	201.5	216.1	252.5	286.5
0.0	25°	116.6	128.7	138.4	148.1	167.5	187.0	206.4	225.8	286.5	347.2
0.0	27.5°	111.7	121.4	133.6	143.3	167.5	194.3	218.5	242.8	339.9	434.6
0.0	30°	104.4	116.6	126.3	138.4	170.0	201.5	233.1	264.7	412.8	560.9
0.0	32.5°	97.1	109.3	121.4	133.6	174.8	216.1	255.0	296.2	490.5	682.3
0.0	35°	89.8	104.4	116.6	128.7	182.1	238.0	291.4	344.8	560.9	774.6
0.0	37.5°	87.4	102.0	114.1	126.3	184.5	240.4	298.7	354.5	568.2	781.9
0.0	40°	89.8	102.0	116.6	128.7	177.3	225.8	272.0	320.5	543.9	764.9
0.0	42.5°	89.8	104.4	119.0	133.6	172.4	211.3	250.1	289.0	536.6	784.3
0.0	45°	87.4	102.0	116.6	131.1	167.5	201.5	238.0	272.0	580.3	886.3
0.0	47.5°	85.0	99.6	114.1	128.7	165.1	201.5	238.0	274.4	750.3	1223.8
0.0	50°	85.0	99.6	111.7	123.8	167.5	213.7	257.4	301.1	1092.7	1881.8
0.0	52.5°	89.8	102.0	111.7	121.4	172.4	225.8	276.8	327.8	1388.9	2447.6
0.0	55°	97.1	104.4	114.1	121.4	184.5	245.2	308.4	369.1	1478.8	2588.4
0.0	57.5°	106.8	114.1	121.4	128.7	206.4	284.1	359.4	437.1	1486.1	2532.6
0.0	60°	119.0	128.7	136.0	143.3	225.8	310.8	393.4	475.9	1345.2	2212.1
0.0	62.5°	145.7	157.8	167.5	179.7	259.8	337.5	417.6	495.4	1117.0	1738.6
0.0	65°	167.5	177.3	187.0	196.7	274.4	354.5	432.2	509.9	947.0	1384.1
0.0	67.5°	172.4	182.1	189.4	199.1	279.2	359.4	437.1	517.2	811.0	1102.4
	70°	174.8	187.0	201.5	213.7	296.2	378.8	458.9	541.5	718.7	896.0
	72.5°	167.5	191.8	213.7	235.5	313.2	388.5	466.2	541.5	667.8	794.0
	75°	167.5	201.5	233.1	264.7	322.9	378.8	437.1	492.9	590.0	687.2
	77.5°	177.3	221.0	264.7	308.4	342.4	373.9	407.9	439.5	502.6	565.8
	80°	177.3	223.4	267.1	313.2	327.8	344.8	359.4	373.9	381.2	388.5
	82.5°	153.0	189.4	225.8	262.2	245.2	228.2	211.3	194.3	182.1	167.5
	85°	77.7	85.0	89.8	94.7	87.4	80.1	72.8	65.6	60.7	53.4
	87.5°	31.6	31.6	29.1	29.1	29.1	29.1	26.7	26.7	26.7	26.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049235

CATALOG NUMBER: GALN-SA7C-840-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
140.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
182.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
189.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
196.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
206.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
216.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
235.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
259.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
298.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
381.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
517.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
718.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
973.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1216.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1381.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1505.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1629.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1872.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2357.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3593.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5504.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6930.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7087.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6395.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5468.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4273.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3229.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2384.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1687.6											
1255.4											
913.0											
687.2											
386.1											
174.8											
51.0											
24.3											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049235

CATALOG NUMBER: GALN-SA7C-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°	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8
0.0	2.5°	182.1	179.7	179.7	177.3	174.8	172.4	170.0	167.5	165.1	162.7
0.0	5°	189.4	189.4	189.4	187.0	187.0	184.5	184.5	182.1	179.7	177.3
0.0	7.5°	196.7	199.1	199.1	201.5	201.5	201.5	201.5	199.1	199.1	199.1
0.0	10°	208.8	211.3	213.7	216.1	218.5	221.0	221.0	223.4	223.4	223.4
0.0	12.5°	223.4	230.7	235.5	242.8	247.7	255.0	259.8	267.1	272.0	276.8
0.0	15°	245.2	257.4	272.0	284.1	296.2	313.2	332.7	349.7	366.7	393.4
0.0	17.5°	276.8	315.7	354.5	390.9	429.8	514.8	599.8	682.3	767.3	891.1
0.0	20°	337.5	454.1	568.2	684.7	798.9	1097.5	1393.8	1692.4	1988.7	2306.8
0.0	22.5°	473.5	760.0	1046.5	1333.1	1619.6	2243.6	2865.3	3489.3	4110.9	4841.8
0.0	25°	687.2	1214.1	1741.0	2265.5	2792.4	3768.5	4747.1	5723.2	6699.4	7648.8
0.0	27.5°	1000.4	1806.6	2612.7	3416.5	4222.6	5546.0	6871.8	8195.1	9518.5	10591.8
0.0	30°	1386.5	2479.2	3571.9	4664.5	5757.2	7262.7	8768.2	10271.2	11776.7	12949.5
0.0	32.5°	1750.7	3088.7	4426.6	5762.1	7100.0	8814.3	10531.1	12245.4	13959.7	15241.7
0.0	35°	1988.7	3605.9	5225.5	6842.6	8459.8	10314.9	12170.1	14022.8	15877.9	17342.1
0.0	37.5°	2226.6	4093.9	5958.8	7826.0	9690.9	11728.1	13765.4	15802.6	17839.9	19648.9
0.0	40°	2493.7	4684.0	6871.8	9062.0	11249.8	13663.4	16074.6	18488.2	20899.4	23451.4
0.0	42.5°	2957.5	5662.5	8370.0	11075.0	13780.0	16973.0	20166.1	23356.7	26549.8	30192.1
0.0	45°	3829.3	7641.5	11456.2	15268.4	19080.7	23310.6	27542.9	31772.8	36002.7	40849.4
0.0	47.5°	5963.6	11208.5	16451.0	21695.9	26938.3	31505.7	36070.7	40638.2	45203.1	50030.4
0.0	50°	9125.1	15229.6	21334.1	27436.1	33540.6	37673.3	41803.7	45936.5	50066.8	54658.5
0.0	52.5°	11412.5	17771.9	24133.8	30493.2	36852.6	40582.3	44314.4	48044.1	51773.8	56064.4
0.0	55°	11584.9	17907.9	24233.3	30556.3	36879.3	40626.0	44372.7	48119.4	51866.1	56414.1
0.0	57.5°	10256.7	16528.7	22798.3	29070.3	35339.8	39606.2	43870.1	48136.4	52400.3	57317.4
0.0	60°	8724.5	14998.9	21270.9	27545.4	33817.4	38732.0	43649.1	48563.8	53478.4	58084.7
0.0	62.5°	6806.2	13260.3	19716.9	26171.0	32625.1	37615.1	42605.0	47592.5	52582.4	56037.7
0.0	65°	5072.5	11339.6	17606.8	23871.5	30138.7	34135.5	38132.3	42126.6	46123.4	48262.7
0.0	67.5°	3666.6	9071.7	14474.4	19879.6	25282.3	28142.7	31003.1	33861.1	36721.5	38358.1
	70°	2479.2	6223.4	9965.3	13709.5	17451.4	19801.9	22154.8	24505.3	26855.8	29065.4
	72.5°	1716.7	3819.5	5924.8	8027.6	10130.4	12495.5	14858.1	17223.1	19585.8	21924.1
	75°	1138.8	2095.5	3054.7	4011.4	4968.1	6718.8	8471.9	10222.7	11973.4	13367.2
	77.5°	808.6	1095.1	1384.1	1670.6	1957.1	2284.9	2615.2	2943.0	3270.8	3768.5
	80°	383.7	420.1	456.5	490.5	526.9	645.9	764.9	883.9	1002.8	1129.1
	82.5°	182.1	196.7	211.3	223.4	238.0	250.1	262.2	274.4	286.5	274.4
	85°	48.6	48.6	51.0	51.0	51.0	51.0	51.0	51.0	51.0	48.6
	87.5°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	19.4	19.4	17.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049235

CATALOG NUMBER: GALN-SA7C-840-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
140.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
196.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
225.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
279.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
422.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1012.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2627.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5572.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8598.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11665.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14124.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16526.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18806.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21460.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26003.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33834.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45696.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54857.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59250.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60355.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60964.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62234.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62688.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59495.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50404.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39997.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31272.6											
24262.5											
14761.0											
4266.3											
1255.4											
259.8											
46.1											
17.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049235

CATALOG NUMBER: GALN-SA7C-840-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8
0.0	2.5°	157.8	155.4	153.0	150.5	148.1	143.3	143.3	140.8	140.8
0.0	5°	172.4	170.0	167.5	165.1	165.1	162.7	160.3	160.3	157.8
0.0	7.5°	196.7	194.3	191.8	189.4	189.4	187.0	187.0	184.5	184.5
0.0	10°	225.8	225.8	225.8	225.8	225.8	223.4	223.4	223.4	221.0
0.0	12.5°	284.1	286.5	291.4	296.2	303.5	303.5	303.5	301.1	301.1
0.0	15°	449.2	475.9	495.4	514.8	531.8	570.6	565.8	558.5	553.6
0.0	17.5°	1136.4	1257.8	1323.4	1386.5	1452.1	1631.7	1602.6	1573.5	1546.8
0.0	20°	2945.4	3263.5	3474.7	3686.0	3899.7	4237.2	4154.6	4072.1	3989.5
0.0	22.5°	6301.1	7032.0	7350.1	7668.2	7983.9	8391.8	8127.1	7862.5	7600.2
0.0	25°	9545.2	10494.6	11031.3	11567.9	12102.1	12335.2	11990.4	11643.2	11298.4
0.0	27.5°	12738.3	13811.5	14285.0	14756.1	15229.6	15717.7	15290.3	14860.5	14433.1
0.0	30°	15297.6	16470.4	16982.7	17492.7	18005.0	18345.0	17903.0	17458.7	17016.7
0.0	32.5°	17808.3	19090.4	19651.3	20212.2	20770.7	21258.8	20714.9	20168.5	19624.6
0.0	35°	20268.1	21732.3	22504.4	23276.6	24048.8	24502.8	23856.9	23208.6	22562.7
0.0	37.5°	23269.3	25078.3	25942.8	26807.2	27671.6	28499.6	27788.2	27074.3	26362.8
0.0	40°	28555.5	31107.5	32433.3	33761.5	35087.3	36155.7	35257.3	34358.9	33460.4
0.0	42.5°	37476.7	41118.9	43025.1	44928.8	46834.9	48503.1	47558.5	46613.9	45669.4
0.0	45°	50542.7	55389.4	57713.2	60034.5	62358.3	63577.2	62217.5	60855.2	59495.5
0.0	47.5°	59682.4	64509.7	66578.5	68647.3	70716.1	72107.5	70444.2	68780.8	67120.0
0.0	50°	63839.5	68431.2	70507.3	72581.0	74657.1	75761.9	73841.2	71918.1	69997.4
0.0	52.5°	64643.2	68933.8	71410.6	73889.8	76366.5	77842.8	75574.9	73304.6	71036.6
0.0	55°	65512.5	70060.5	72933.0	75808.0	78680.6	80725.1	78160.9	75594.3	73030.2
0.0	57.5°	67149.1	72066.2	74931.4	77794.3	80659.5	82395.7	79824.2	77250.4	74678.9
0.0	60°	67294.8	71898.6	74360.8	76825.4	79287.6	80380.3	77920.5	75458.4	72998.6
0.0	62.5°	62950.8	66406.1	68115.5	69825.0	71534.4	72721.8	70155.2	67586.2	65019.6
0.0	65°	52543.6	54682.8	56045.0	57407.2	58769.4	60185.1	57834.6	55484.1	53133.6
0.0	67.5°	41633.7	43270.3	45064.7	46859.2	48653.6	50166.4	48284.5	46400.2	44518.4
	70°	33482.3	35689.5	37707.3	39725.2	41743.0	42981.4	41092.2	39200.7	37311.5
	72.5°	26600.8	28939.1	30624.3	32307.0	33992.2	34295.7	32906.8	31517.9	30131.4
	75°	16152.3	17546.1	17580.1	17611.6	17645.6	17934.6	16783.6	15632.7	14484.1
	77.5°	4764.1	5261.9	5672.2	6080.2	6490.5	6985.9	6563.4	6138.5	5716.0
	80°	1379.2	1505.5	1612.3	1716.7	1823.6	1760.4	1660.9	1561.3	1461.8
	82.5°	247.7	233.1	230.7	228.2	228.2	216.1	196.7	177.3	157.8
	85°	43.7	41.3	38.9	36.4	34.0	31.6	26.7	24.3	19.4
	87.5°	14.6	12.1	9.7	7.3	7.3	2.4	2.4	2.4	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



REPORT NUMBER: P1049235

CATALOG NUMBER: GALN-SA7C-840-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049235

CATALOG NUMBER: GALN-SA7C-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°	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8
0.0	0.0	2.5°	138.4	136.0	136.0	136.0	136.0	133.6	133.6	133.6	133.6
0.0	0.0	5°	153.0	153.0	150.5	150.5	148.1	148.1	145.7	145.7	143.3
0.0	0.0	7.5°	179.7	177.3	174.8	172.4	170.0	165.1	162.7	160.3	160.3
0.0	0.0	10°	216.1	211.3	208.8	204.0	201.5	196.7	191.8	187.0	182.1
0.0	0.0	12.5°	284.1	274.4	267.1	257.4	247.7	240.4	230.7	223.4	213.7
0.0	0.0	15°	492.9	468.6	441.9	410.4	376.4	344.8	310.8	291.4	269.5
0.0	0.0	17.5°	1260.2	1134.0	1005.3	900.9	796.4	694.5	590.0	514.8	439.5
0.0	0.0	20°	3207.6	2858.0	2508.3	2163.5	1816.3	1471.5	1124.3	949.4	774.6
0.0	0.0	22.5°	6036.5	5388.1	4737.4	4108.5	3477.2	2848.3	2219.4	1823.6	1430.2
0.0	0.0	25°	9317.0	8501.1	7685.2	6650.8	5614.0	4579.6	3545.2	2901.7	2258.2
0.0	0.0	27.5°	12123.9	11184.2	10244.5	8986.7	7728.9	6471.1	5213.3	4254.2	3297.5
0.0	0.0	30°	14554.6	13544.4	12534.3	11070.1	9605.9	8141.7	6677.5	5478.0	4278.5
0.0	0.0	32.5°	16662.2	15453.0	14243.7	12733.4	11223.1	9712.8	8202.4	6730.9	5259.5
0.0	0.0	35°	19092.8	17682.1	16268.9	14593.4	12915.5	11240.1	9564.6	7903.8	6240.4
0.0	0.0	37.5°	22181.5	20450.2	18716.5	16849.2	14981.9	13117.1	11249.8	9351.0	7452.1
0.0	0.0	40°	28094.1	25860.2	23626.3	21253.9	18879.2	16506.8	14134.5	11803.4	9472.4
0.0	0.0	42.5°	38688.3	35670.1	32651.8	29495.2	26336.1	23179.5	20020.4	16732.6	13442.4
0.0	0.0	45°	50644.7	46900.4	43153.8	39611.0	36065.9	32523.1	28980.4	24468.8	19957.3
0.0	0.0	47.5°	57368.4	53325.4	49282.5	45929.2	42575.8	39222.5	35869.2	31005.5	26141.9
0.0	0.0	50°	59842.7	55726.9	51611.1	48524.9	45436.2	42350.0	39261.4	34390.4	29517.1
0.0	0.0	52.5°	60369.6	56171.3	51972.9	48867.3	45761.6	42658.4	39552.8	34713.4	29874.0
0.0	0.0	55°	61452.6	56948.3	52441.6	48901.3	45361.0	41820.7	38280.4	33363.3	28446.2
0.0	0.0	57.5°	62868.2	58249.8	53631.4	49598.2	45564.9	41534.2	37500.9	32124.9	26748.9
0.0	0.0	60°	62496.7	58478.0	54457.0	50137.2	45815.0	41495.3	37173.1	31260.5	25345.4
0.0	0.0	62.5°	56047.4	52847.1	49644.3	46091.9	42537.0	38984.6	35432.1	29344.6	23257.2
0.0	0.0	65°	46108.9	43772.9	41437.0	38579.0	35718.6	32860.7	30002.7	24544.1	19088.0
0.0	0.0	67.5°	37369.8	34737.7	32103.1	29825.4	27545.4	25267.7	22987.7	18692.2	14396.7
		70°	29689.5	26826.6	23961.4	21737.1	19510.5	17286.3	15062.0	12206.5	9353.4
		72.5°	23577.7	20996.5	18415.4	16043.0	13668.3	11295.9	8921.2	7233.6	5546.0
		75°	11269.2	10237.2	9205.3	7964.5	6723.7	5482.8	4242.0	3506.3	2773.0
		77.5°	4176.5	3620.4	3061.9	2556.9	2051.8	1549.2	1044.1	956.7	869.3
		80°	1080.5	942.1	801.3	701.7	599.8	500.2	400.7	361.8	325.4
		82.5°	123.8	114.1	106.8	102.0	94.7	89.8	82.6	75.3	68.0
		85°	7.3	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049235

CATALOG NUMBER: GALN-SA7C-840-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049235

CATALOG NUMBER: GALN-SA7C-840-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	140.8	140.8
0.0	0.0	2.5°	131.1	128.7
0.0	0.0	5°	138.4	136.0
0.0	0.0	7.5°	153.0	148.1
0.0	0.0	10°	167.5	162.7
0.0	0.0	12.5°	189.4	182.1
0.0	0.0	15°	213.7	199.1
0.0	0.0	17.5°	255.0	223.4
0.0	0.0	20°	344.8	264.7
0.0	0.0	22.5°	485.6	330.2
0.0	0.0	25°	713.9	456.5
0.0	0.0	27.5°	993.1	607.0
0.0	0.0	30°	1320.9	760.0
0.0	0.0	32.5°	1609.9	905.7
0.0	0.0	35°	1986.3	1053.8
0.0	0.0	37.5°	2450.0	1243.2
0.0	0.0	40°	3168.8	1529.8
0.0	0.0	42.5°	4463.0	2059.1
0.0	0.0	45°	7248.1	3559.7
0.0	0.0	47.5°	11152.7	5888.4
0.0	0.0	50°	13644.0	7515.2
0.0	0.0	52.5°	13848.0	7503.1
0.0	0.0	55°	12641.1	6670.2
0.0	0.0	57.5°	10786.0	5575.1
0.0	0.0	60°	8964.9	4409.6
0.0	0.0	62.5°	7063.6	3044.9
0.0	0.0	65°	5162.3	2153.8
0.0	0.0	67.5°	3707.8	1609.9
		70°	2437.9	1233.5
		72.5°	1588.0	1005.3
		75°	1068.4	832.9
		77.5°	624.0	553.6
		80°	221.0	194.3
		82.5°	41.3	29.1
		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: P1049235

CATALOG NUMBER: GALN-SA7C-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

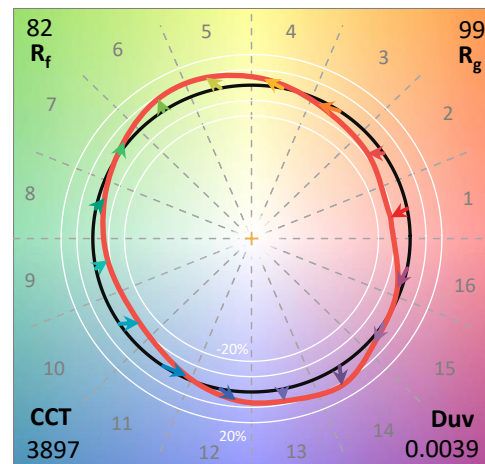
Test Information

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

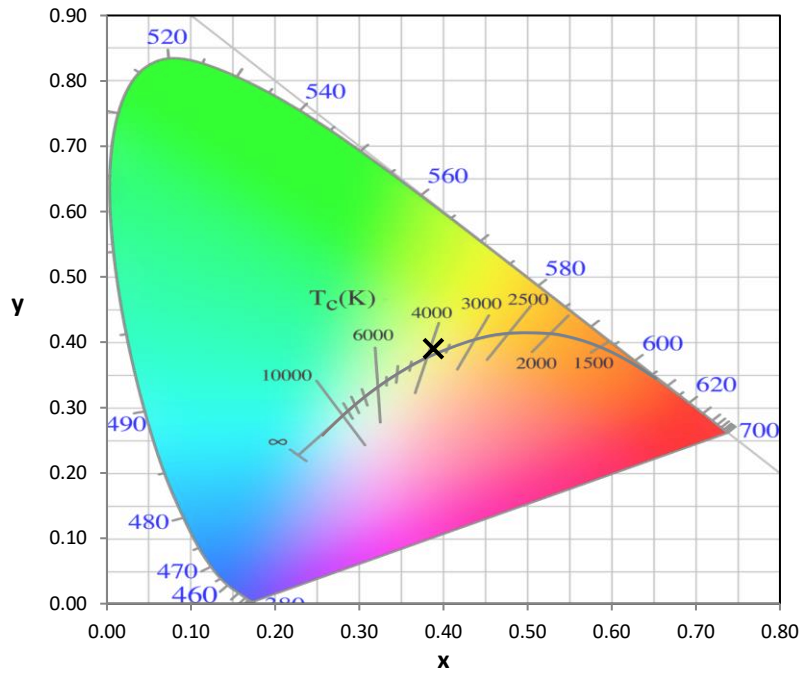
Stabilization Time: 24M
 Operation Time: 1H 24M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-11

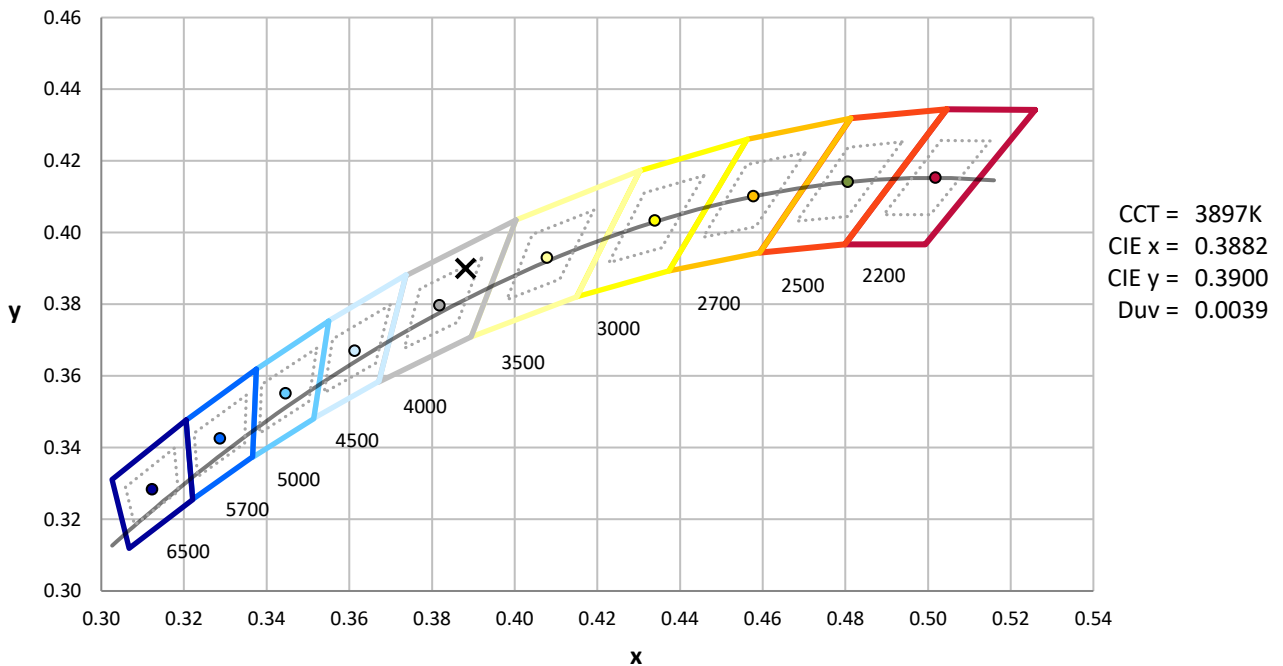
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



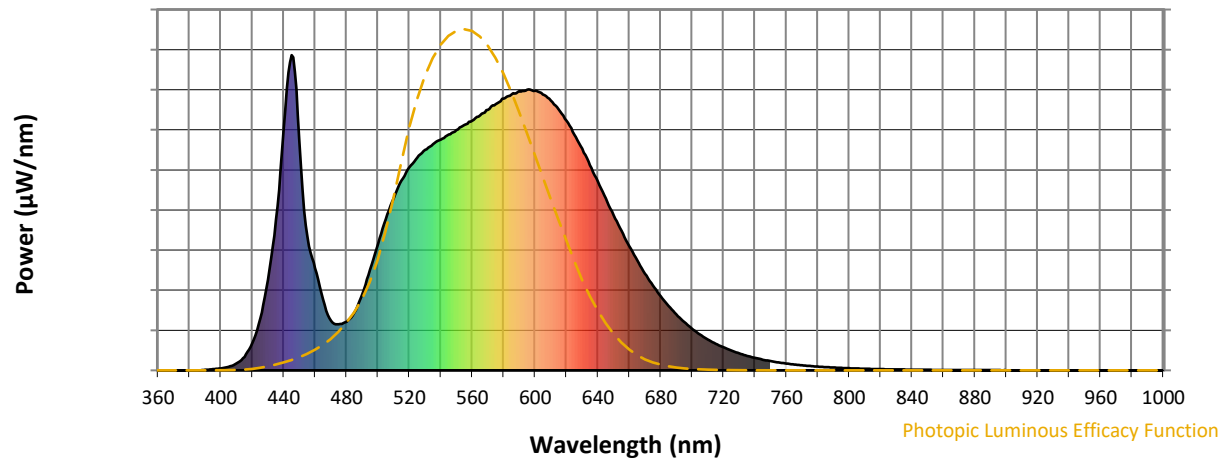
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

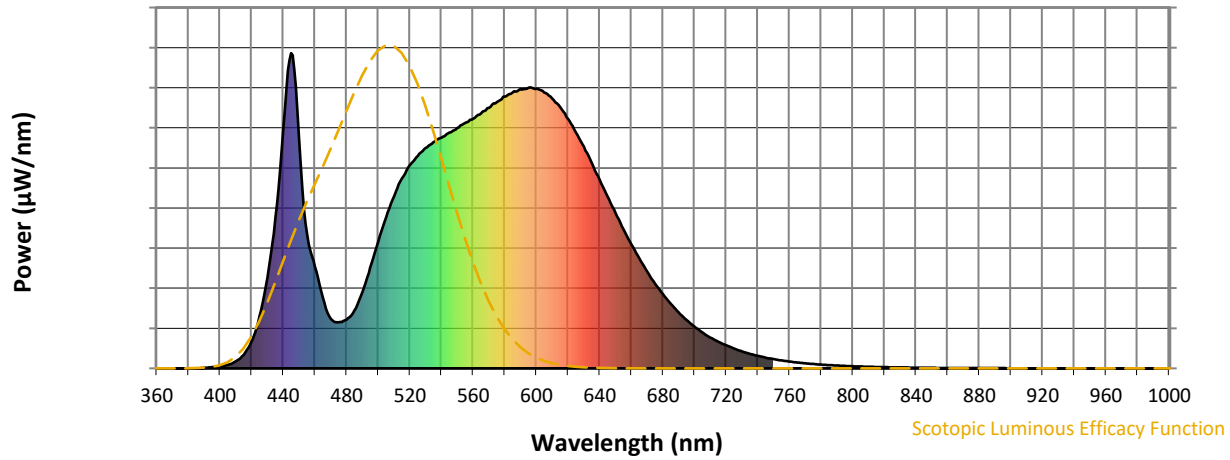


Photopic Lumens: NR

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



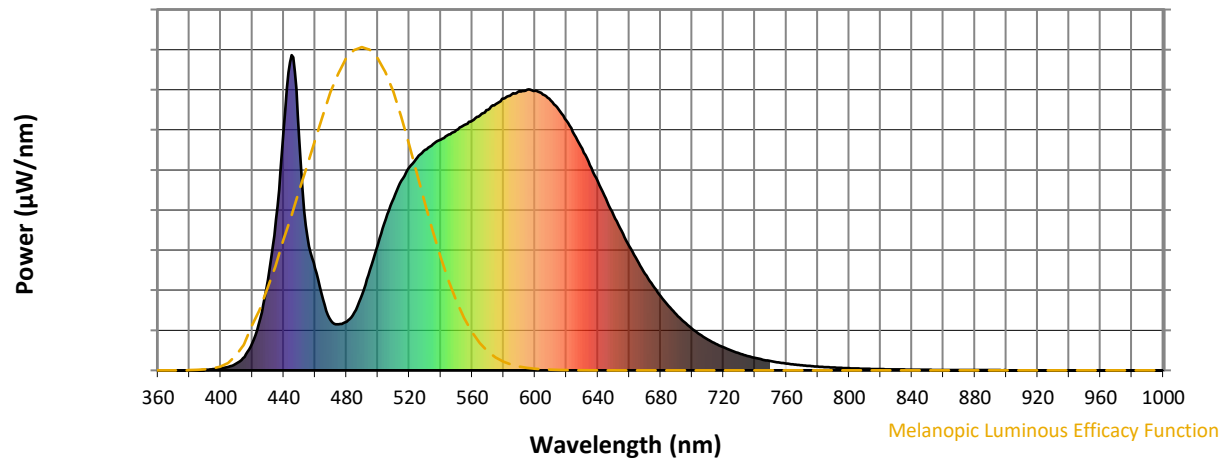
Scotopic Lumens: NR

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

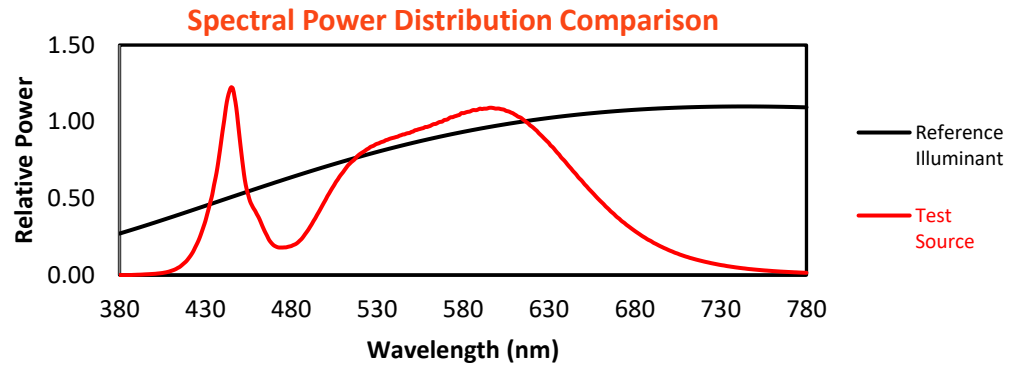
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	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

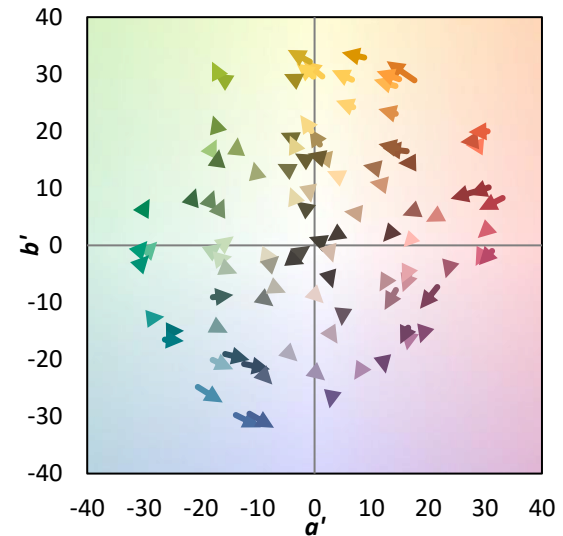
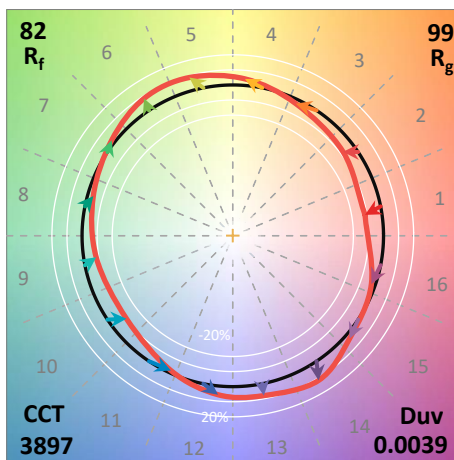
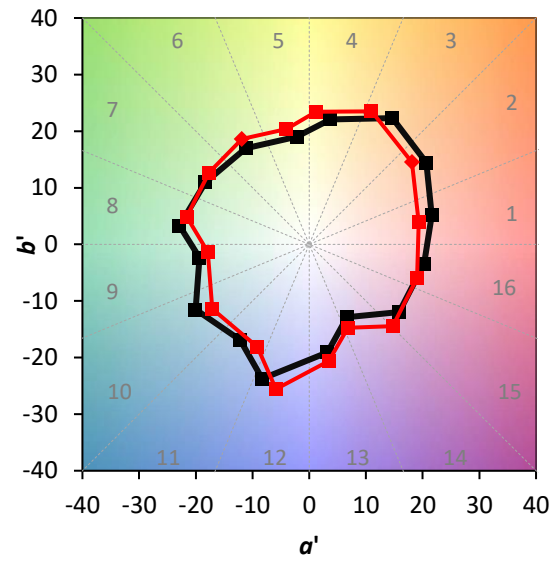
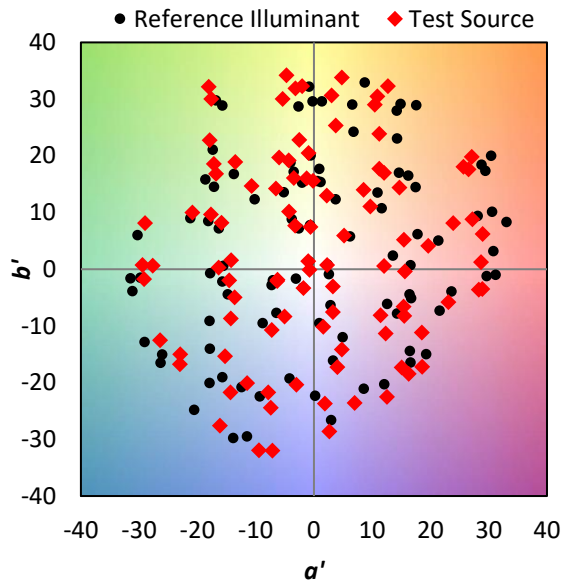
TM-30-18

Summary

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

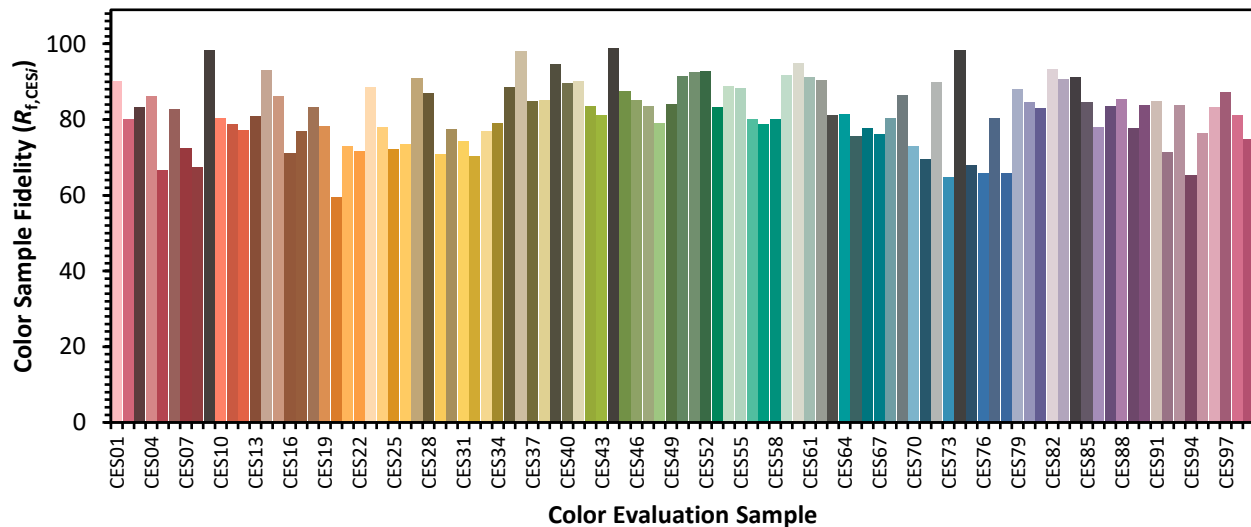


Color Vector Graphics

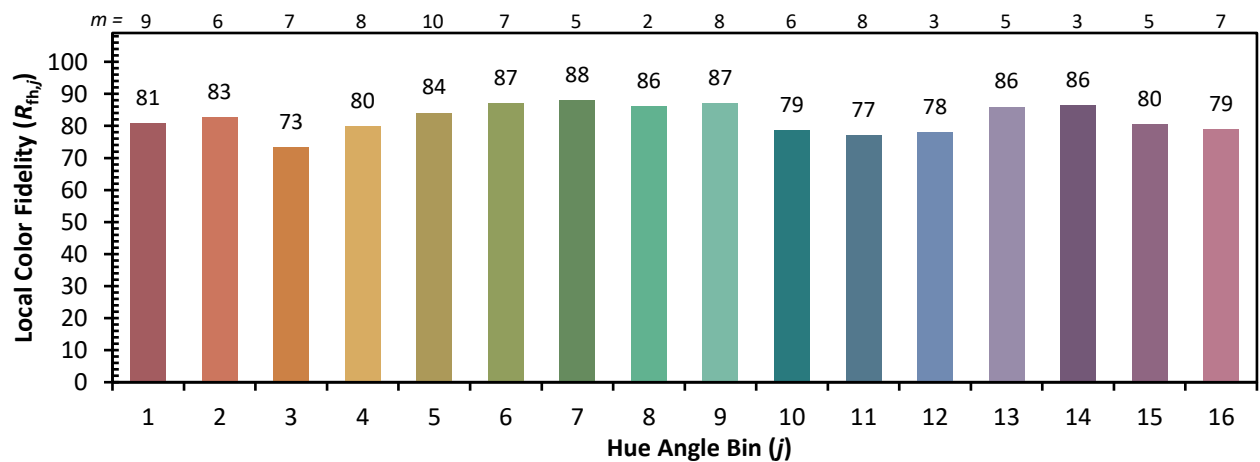
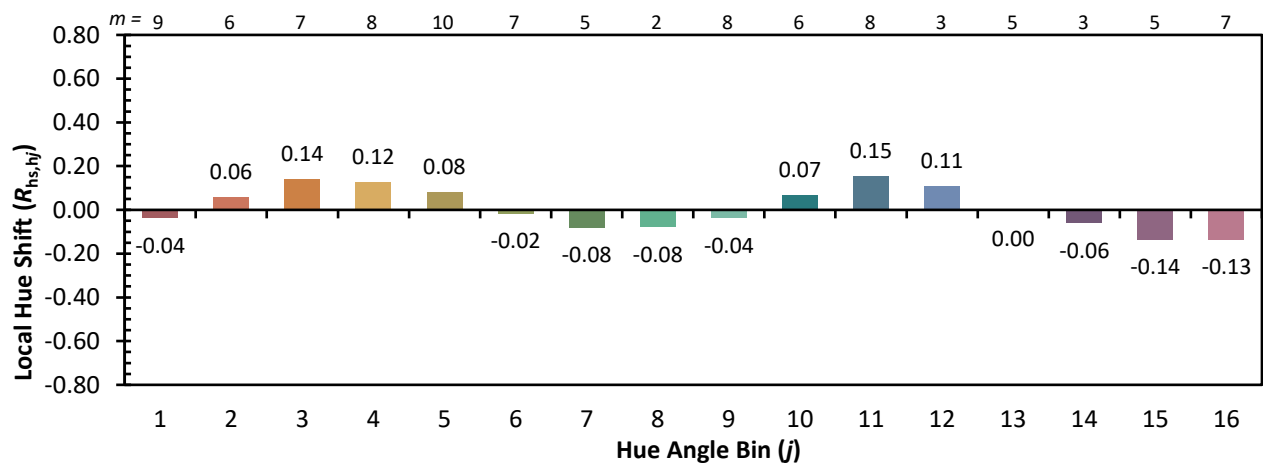
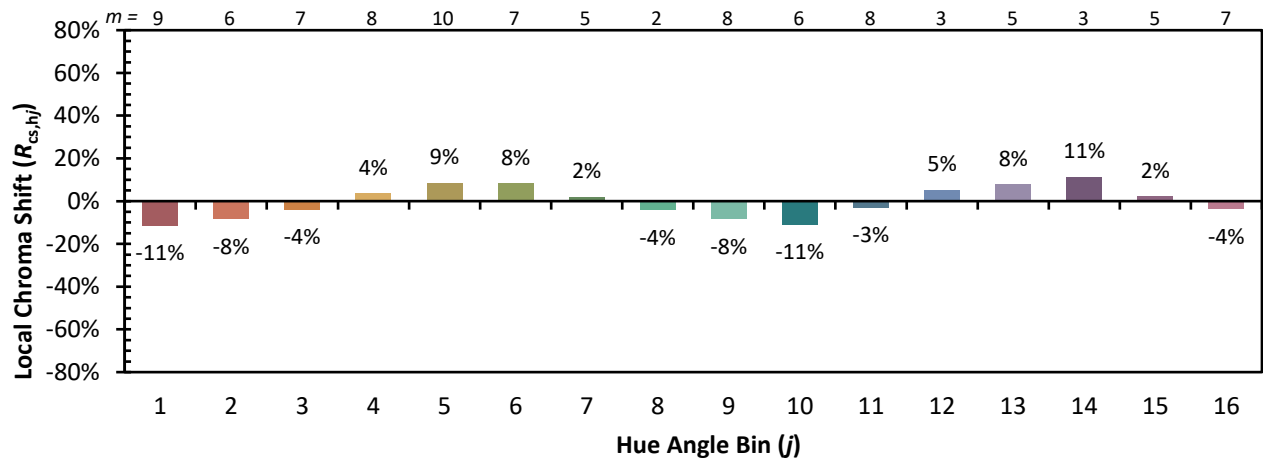


Individual Sample Fidelity Index ($R_{f,i}$)

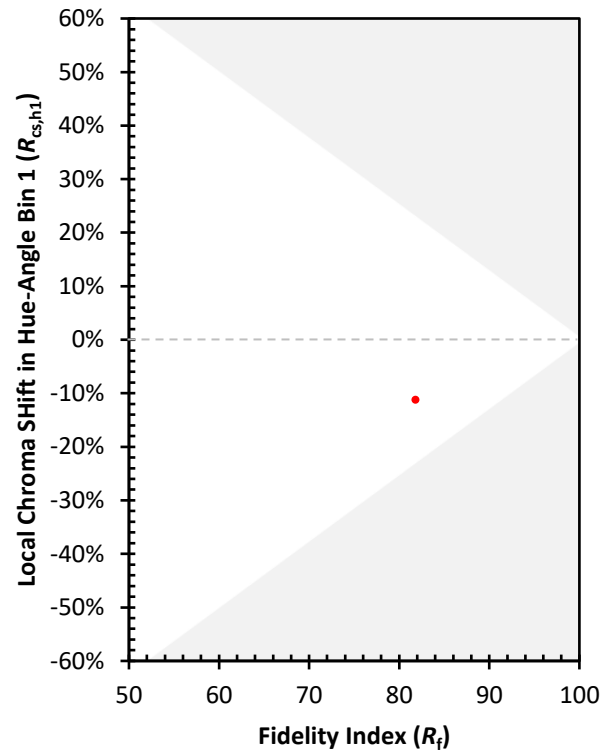
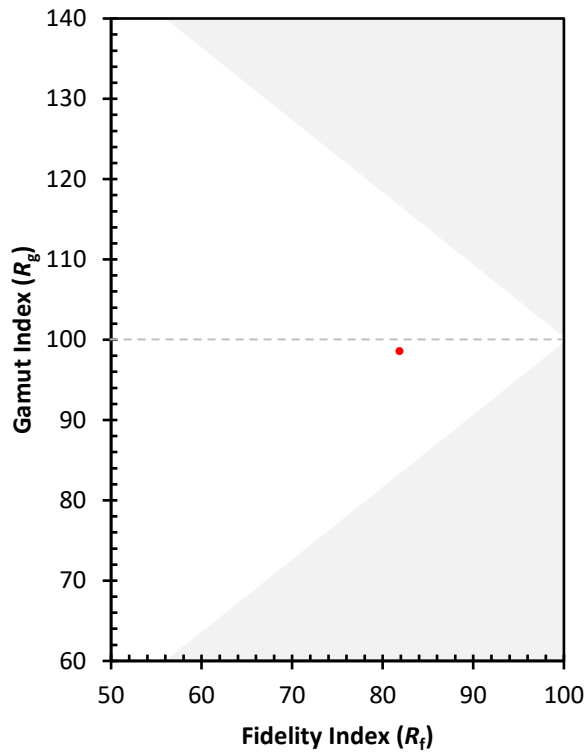
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82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