

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: P1049097

Luminaire Tested: **GALN-SA9A-760-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049097
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9A-760-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 9xLight Square PACKAGE
70CRI 5700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (126) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 29490.7 lumens
Efficiency: N/A
Efficacy: 120.6 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

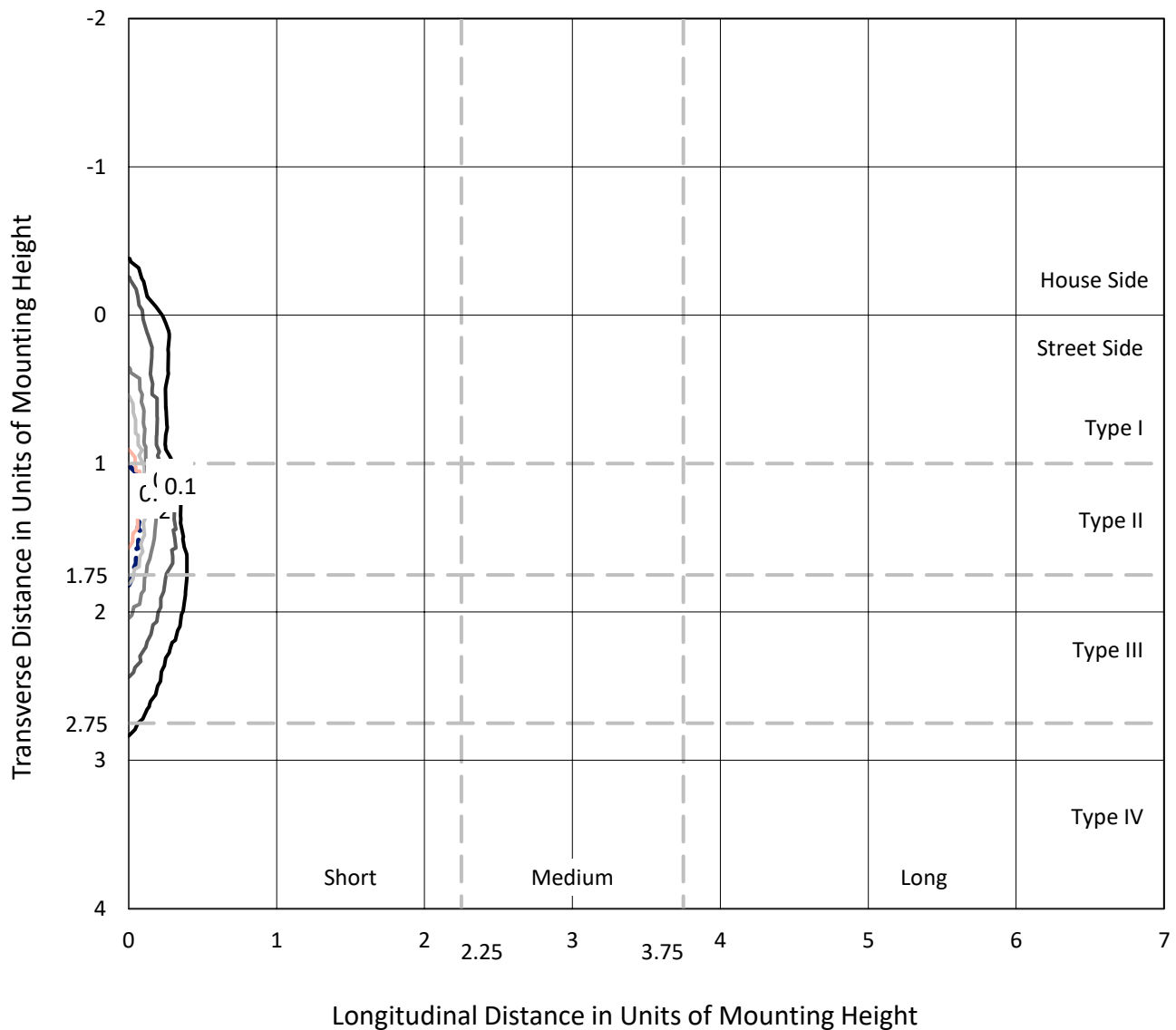
Input Watts (W): 244.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

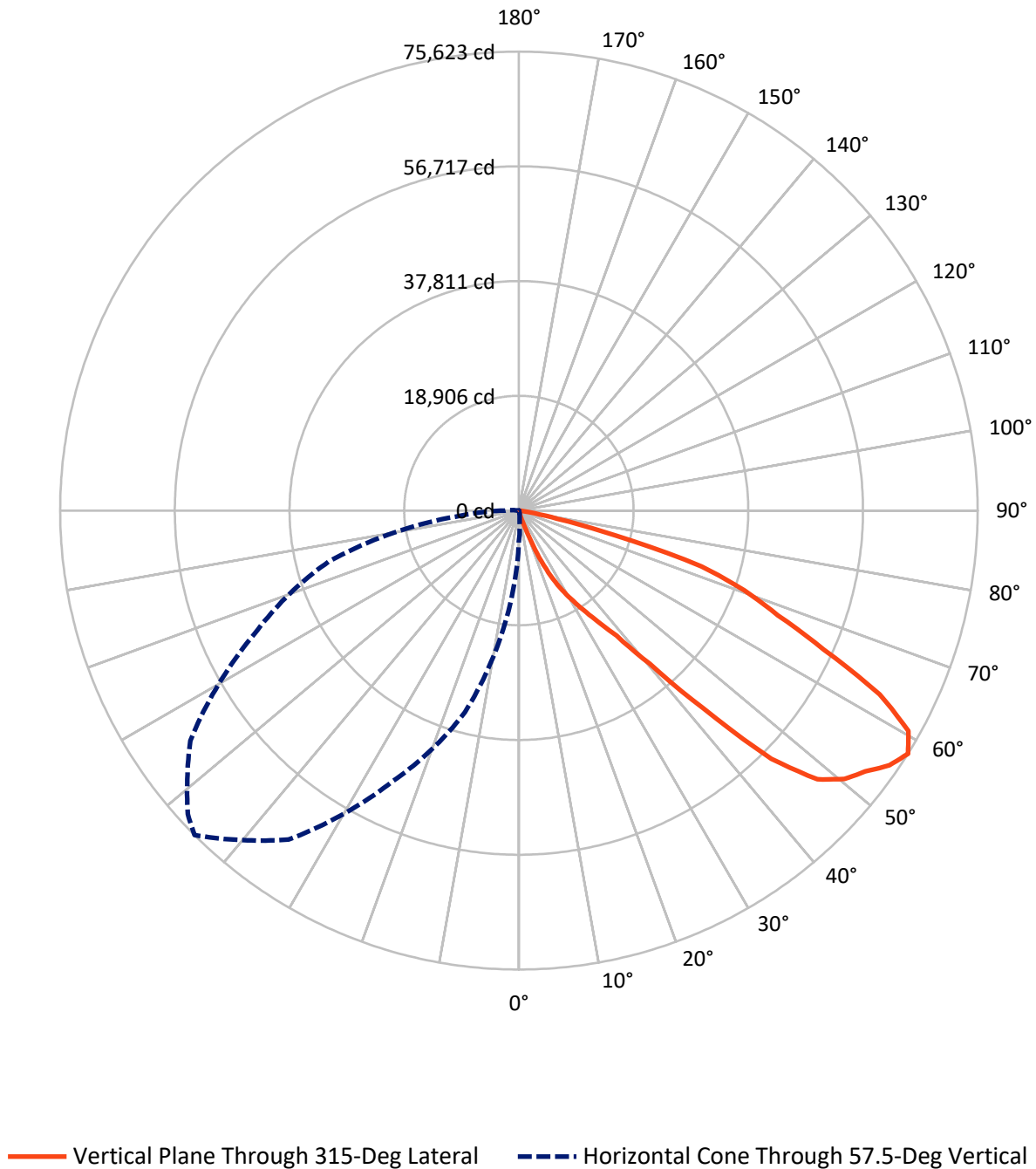
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4.3 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	147.7	0.0	147.7
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	29343.0	0.0	29343.0
	% Fixture	99.5	0.0	99.5
Total	Lumens	29490.7	0.0	29490.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.6	0.0
10°-20°	64.8	0.2
20°-30°	698.9	2.4
30°-40°	2066.7	7.0
40°-50°	6159.4	20.9
50°-60°	9766.6	33.1
60°-70°	8152.8	27.6
70°-80°	2514.0	8.5
80°-90°	55.9	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°	29490.7	100.0
0°-180°	29490.7	100.0



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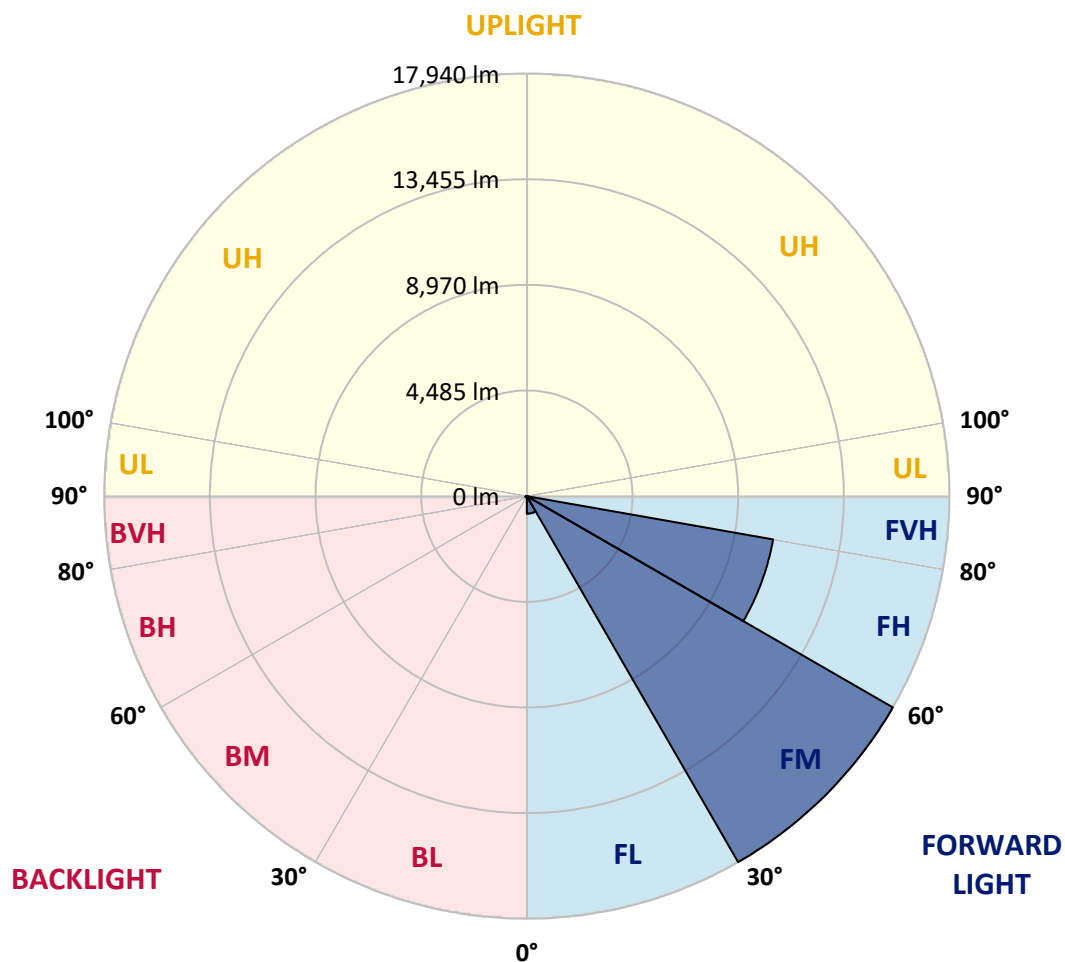
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	748.1	2.5			
FM	(30°-60°)	17940.0	60.8			
FH	(60°-80°)	10611.7	36.0			G4/12000
FVH	(80°-90°)	43.2	0.1			G1/100
BL	(0°-30°)	27.1	0.1	B0/110		
BM	(30°-60°)	52.8	0.2	B0/220		
BH	(60°-80°)	55.1	0.2	B0/110		G0/110
BVH	(80°-90°)	12.7	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



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3
2.5°	118.1	118.1	118.1	118.1	115.9	115.9	113.7	113.7	111.4	111.4
5°	124.8	124.8	122.6	120.3	120.3	118.1	115.9	113.7	113.7	111.4
7.5°	135.9	133.7	131.5	129.3	124.8	122.6	118.1	115.9	113.7	109.2
10°	149.3	144.9	140.4	135.9	131.5	127.0	122.6	120.3	115.9	113.7
12.5°	167.1	160.5	151.5	144.9	140.4	133.7	129.3	124.8	118.1	113.7
15°	182.7	173.8	162.7	153.8	147.1	138.2	131.5	124.8	120.3	113.7
17.5°	205.0	189.4	171.6	160.5	151.5	140.4	129.3	122.6	115.9	107.0
20°	242.9	211.7	178.3	164.9	151.5	138.2	124.8	115.9	109.2	100.3
22.5°	303.1	249.6	196.1	176.1	158.2	138.2	120.3	111.4	102.5	93.6
25°	419.0	323.1	227.3	200.6	173.8	147.1	120.3	109.2	100.3	89.1
27.5°	557.1	414.5	269.7	231.8	196.1	158.2	120.3	107.0	95.8	82.5
30°	697.5	508.1	316.5	267.4	218.4	169.4	120.3	104.7	91.4	75.8
32.5°	831.3	595.0	356.6	298.6	240.7	180.5	122.6	104.7	86.9	69.1
35°	967.2	666.3	363.3	303.1	242.9	180.5	120.3	100.3	82.5	62.4
37.5°	1141.0	746.6	349.9	289.7	231.8	171.6	113.7	95.8	78.0	57.9
40°	1404.0	880.3	356.6	294.2	231.8	169.4	107.0	89.1	73.5	55.7
42.5°	1889.8	1138.8	385.5	314.2	242.9	169.4	98.1	82.5	69.1	53.5
45°	3267.1	1892.1	517.0	410.1	303.1	196.1	89.1	75.8	64.6	51.3
47.5°	5404.3	3166.8	929.3	717.6	508.1	296.4	86.9	75.8	64.6	51.3
50°	6897.5	4033.7	1170.0	900.3	630.7	361.0	91.4	78.0	66.9	53.5
52.5°	6886.3	4096.1	1303.7	1000.6	699.8	396.7	95.8	82.5	71.3	57.9
55°	6121.9	3726.2	1328.2	1020.7	715.4	407.8	102.5	89.1	75.8	62.4
57.5°	5116.8	3164.6	1212.4	938.2	666.3	392.2	118.1	102.5	89.1	73.5
60°	4047.1	2496.0	944.9	746.6	550.5	352.1	156.0	135.9	118.1	98.1
62.5°	2794.6	1809.6	824.6	661.9	501.4	338.7	178.3	158.2	140.4	120.3
65°	1976.8	1361.7	744.3	606.2	470.2	332.1	193.9	171.6	151.5	129.3
67.5°	1477.6	1083.1	686.4	568.3	450.2	332.1	213.9	187.2	162.7	135.9
70°	1132.1	889.2	644.1	548.2	454.6	358.8	263.0	225.1	189.4	151.5
72.5°	922.6	759.9	595.0	525.9	456.9	387.8	318.7	269.7	220.6	169.4
75°	764.4	650.7	537.1	479.1	423.4	365.5	307.5	263.0	220.6	176.1
77.5°	508.1	463.5	416.7	383.3	349.9	314.2	280.8	242.9	207.3	169.4
80°	178.3	171.6	164.9	178.3	191.7	205.0	218.4	191.7	167.1	140.4
82.5°	26.7	24.5	22.3	24.5	26.7	29.0	31.2	33.4	35.7	37.9
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°	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3
0.0	2.5°	109.2	109.2	107.0	107.0	107.0	104.7	104.7	102.5	102.5	102.5
0.0	5°	107.0	107.0	104.7	102.5	100.3	100.3	98.1	95.8	95.8	93.6
0.0	7.5°	104.7	102.5	100.3	98.1	95.8	93.6	91.4	89.1	89.1	86.9
0.0	10°	107.0	102.5	100.3	95.8	93.6	91.4	86.9	84.7	82.5	82.5
0.0	12.5°	102.5	100.3	95.8	91.4	89.1	84.7	82.5	78.0	75.8	75.8
0.0	15°	102.5	98.1	91.4	86.9	82.5	80.2	75.8	71.3	69.1	66.9
0.0	17.5°	95.8	91.4	84.7	80.2	75.8	71.3	66.9	62.4	60.2	57.9
0.0	20°	86.9	82.5	75.8	69.1	64.6	60.2	55.7	51.3	49.0	46.8
0.0	22.5°	78.0	73.5	66.9	60.2	55.7	51.3	44.6	40.1	37.9	33.4
0.0	25°	73.5	66.9	60.2	53.5	46.8	42.3	35.7	29.0	24.5	20.1
0.0	27.5°	62.4	55.7	49.0	42.3	35.7	29.0	22.3	15.6	11.1	8.9
0.0	30°	53.5	46.8	40.1	33.4	24.5	17.8	11.1	2.2	2.2	2.2
0.0	32.5°	44.6	37.9	29.0	22.3	17.8	11.1	6.7	0.0	0.0	0.0
0.0	35°	35.7	29.0	20.1	13.4	11.1	6.7	4.5	0.0	0.0	0.0
0.0	37.5°	31.2	24.5	15.6	6.7	4.5	4.5	2.2	0.0	0.0	0.0
0.0	40°	29.0	20.1	11.1	2.2	2.2	2.2	0.0	0.0	0.0	0.0
0.0	42.5°	29.0	20.1	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	29.0	20.1	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	29.0	20.1	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	31.2	22.3	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	35.7	26.7	17.8	8.9	6.7	4.5	2.2	0.0	0.0	0.0
0.0	55°	44.6	40.1	33.4	29.0	22.3	15.6	6.7	0.0	0.0	0.0
0.0	57.5°	57.9	57.9	55.7	53.5	40.1	26.7	13.4	0.0	0.0	0.0
0.0	60°	78.0	78.0	78.0	78.0	57.9	40.1	20.1	0.0	0.0	0.0
0.0	62.5°	95.8	91.4	84.7	80.2	60.2	40.1	20.1	0.0	0.0	0.0
0.0	65°	95.8	86.9	75.8	64.6	49.0	33.4	15.6	0.0	0.0	0.0
0.0	67.5°	89.1	71.3	51.3	33.4	24.5	17.8	8.9	0.0	0.0	0.0
	70°	89.1	62.4	35.7	8.9	6.7	4.5	2.2	0.0	0.0	0.0
	72.5°	89.1	60.2	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	98.1	66.9	33.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	98.1	66.9	33.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	86.9	57.9	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	29.0	20.1	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3
0.0	2.5°	100.3	100.3	100.3	98.1	98.1	98.1	98.1	95.8	95.8	95.8
0.0	5°	91.4	91.4	89.1	89.1	86.9	86.9	84.7	84.7	82.5	82.5
0.0	7.5°	84.7	82.5	82.5	80.2	78.0	78.0	75.8	75.8	73.5	71.3
0.0	10°	78.0	75.8	75.8	73.5	71.3	69.1	69.1	66.9	64.6	62.4
0.0	12.5°	71.3	69.1	66.9	64.6	62.4	60.2	60.2	57.9	55.7	53.5
0.0	15°	62.4	60.2	57.9	55.7	53.5	51.3	51.3	49.0	46.8	44.6
0.0	17.5°	53.5	51.3	51.3	49.0	46.8	44.6	42.3	37.9	35.7	33.4
0.0	20°	40.1	37.9	35.7	33.4	31.2	26.7	24.5	20.1	15.6	13.4
0.0	22.5°	26.7	22.3	20.1	15.6	11.1	8.9	6.7	2.2	0.0	0.0
0.0	25°	8.9	6.7	4.5	2.2	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-SA9A-760-U-RBC

[illegible]

REPORT NUMBER: P1049097

CATALOG NUMBER: GALN-SA9A-760-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3
0.0	2.5°	93.6	93.6	93.6	91.4	91.4	91.4	91.4	91.4	91.4	91.4
0.0	5°	80.2	80.2	80.2	78.0	78.0	75.8	75.8	75.8	73.5	73.5
0.0	7.5°	69.1	66.9	66.9	64.6	64.6	62.4	62.4	62.4	60.2	60.2
0.0	10°	57.9	55.7	55.7	53.5	53.5	51.3	51.3	49.0	49.0	46.8
0.0	12.5°	51.3	49.0	46.8	44.6	44.6	42.3	40.1	40.1	37.9	35.7
0.0	15°	40.1	37.9	35.7	33.4	31.2	29.0	26.7	26.7	24.5	22.3
0.0	17.5°	26.7	22.3	20.1	17.8	17.8	15.6	13.4	11.1	8.9	6.7
0.0	20°	6.7	4.5	2.2	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-SA9A-760-U-RBC

[illegible]

REPORT NUMBER: P1049097

CATALOG NUMBER: GALN-SA9A-760-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°	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3
0.0	2.5°	91.4	89.1	89.1	89.1	91.4	91.4	91.4	91.4	91.4	91.4
0.0	5°	73.5	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
0.0	7.5°	60.2	57.9	57.9	57.9	57.9	55.7	55.7	55.7	55.7	55.7
0.0	10°	46.8	44.6	44.6	44.6	44.6	42.3	42.3	42.3	42.3	42.3
0.0	12.5°	33.4	33.4	31.2	31.2	31.2	29.0	29.0	29.0	29.0	26.7
0.0	15°	20.1	17.8	15.6	15.6	15.6	13.4	13.4	13.4	13.4	11.1
0.0	17.5°	4.5	4.5	2.2	2.2	2.2	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-SA9A-760-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049097

CATALOG NUMBER: GALN-SA9A-760-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3
0.0	2.5°	93.6	93.6	95.8	95.8	98.1	102.5	104.7	107.0	111.4	115.9
0.0	5°	73.5	75.8	75.8	78.0	80.2	82.5	84.7	86.9	91.4	95.8
0.0	7.5°	57.9	57.9	60.2	60.2	62.4	66.9	69.1	71.3	75.8	82.5
0.0	10°	44.6	44.6	46.8	46.8	49.0	53.5	55.7	57.9	62.4	69.1
0.0	12.5°	29.0	31.2	31.2	33.4	35.7	40.1	42.3	44.6	49.0	53.5
0.0	15°	13.4	15.6	15.6	17.8	20.1	24.5	26.7	29.0	33.4	40.1
0.0	17.5°	2.2	2.2	4.5	4.5	6.7	8.9	11.1	13.4	20.1	24.5
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	8.9
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
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: P1049097

CATALOG NUMBER: GALN-SA9A-760-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049097

CATALOG NUMBER: GALN-SA9A-760-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°	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3
0.0	2.5°	122.6	127.0	131.5	135.9	140.4	144.9	147.1	151.5	153.8	156.0
0.0	5°	104.7	109.2	115.9	120.3	124.8	129.3	133.7	135.9	138.2	140.4
0.0	7.5°	91.4	95.8	102.5	107.0	111.4	115.9	120.3	124.8	127.0	129.3
0.0	10°	78.0	84.7	89.1	95.8	100.3	104.7	109.2	113.7	118.1	120.3
0.0	12.5°	62.4	69.1	75.8	80.2	86.9	93.6	98.1	102.5	107.0	111.4
0.0	15°	49.0	55.7	62.4	66.9	73.5	80.2	86.9	91.4	95.8	100.3
0.0	17.5°	35.7	42.3	49.0	53.5	60.2	66.9	71.3	78.0	82.5	86.9
0.0	20°	17.8	24.5	31.2	37.9	44.6	51.3	55.7	62.4	66.9	71.3
0.0	22.5°	2.2	8.9	15.6	20.1	26.7	33.4	37.9	44.6	49.0	53.5
0.0	25°	0.0	2.2	6.7	8.9	11.1	15.6	20.1	24.5	29.0	33.4
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.2	4.5	8.9	13.4	17.8
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
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	2.2
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.2	4.5
	85°	0.0	0.0	0.0	0.0	0.0	4.5	6.7	11.1	13.4	15.6
	87.5°	0.0	2.2	4.5	6.7	8.9	13.4	17.8	22.3	24.5	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: P1049097

CATALOG NUMBER: GALN-SA9A-760-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
129.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
2.2											
8.9											
20.1											
29.0											
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REPORT NUMBER: P1049097

CATALOG NUMBER: GALN-SA9A-760-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3
0.0	2.5°	158.2	158.2	158.2	158.2	156.0	156.0	156.0	153.8	153.8	151.5
0.0	5°	144.9	147.1	147.1	147.1	147.1	147.1	147.1	147.1	144.9	144.9
0.0	7.5°	133.7	135.9	138.2	138.2	140.4	140.4	140.4	138.2	138.2	135.9
0.0	10°	127.0	129.3	129.3	131.5	131.5	131.5	131.5	131.5	131.5	131.5
0.0	12.5°	118.1	120.3	122.6	122.6	124.8	124.8	124.8	124.8	122.6	122.6
0.0	15°	107.0	111.4	113.7	115.9	115.9	118.1	118.1	118.1	118.1	118.1
0.0	17.5°	98.1	102.5	104.7	107.0	107.0	109.2	109.2	111.4	111.4	111.4
0.0	20°	80.2	84.7	86.9	91.4	93.6	95.8	98.1	100.3	100.3	102.5
0.0	22.5°	62.4	66.9	69.1	73.5	75.8	78.0	80.2	82.5	84.7	86.9
0.0	25°	44.6	49.0	51.3	55.7	57.9	60.2	62.4	64.6	64.6	66.9
0.0	27.5°	24.5	29.0	33.4	35.7	40.1	42.3	44.6	46.8	49.0	51.3
0.0	30°	11.1	13.4	15.6	20.1	22.3	24.5	26.7	31.2	33.4	35.7
0.0	32.5°	0.0	0.0	2.2	6.7	8.9	11.1	13.4	15.6	15.6	17.8
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.2	4.5	6.7	8.9
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	4.5	4.5	4.5	6.7	6.7	6.7	6.7	6.7	6.7	6.7
	82.5°	11.1	13.4	15.6	15.6	17.8	17.8	17.8	17.8	15.6	15.6
	85°	22.3	24.5	26.7	26.7	29.0	29.0	29.0	29.0	29.0	29.0
	87.5°	31.2	33.4	35.7	35.7	37.9	37.9	37.9	37.9	37.9	37.9
	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: P1049097

CATALOG NUMBER: GALN-SA9A-760-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
129.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	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											
6.7											
15.6											
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37.9											
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REPORT NUMBER: P1049097

CATALOG NUMBER: GALN-SA9A-760-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°	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3
0.0	2.5°	149.3	149.3	147.1	147.1	147.1	147.1	147.1	149.3	151.5	151.5
0.0	5°	142.6	142.6	140.4	140.4	140.4	142.6	142.6	144.9	147.1	149.3
0.0	7.5°	135.9	133.7	133.7	135.9	135.9	138.2	138.2	140.4	142.6	144.9
0.0	10°	131.5	129.3	129.3	129.3	131.5	131.5	133.7	135.9	138.2	140.4
0.0	12.5°	122.6	122.6	122.6	122.6	124.8	124.8	127.0	129.3	133.7	135.9
0.0	15°	118.1	115.9	115.9	115.9	115.9	118.1	118.1	122.6	127.0	129.3
0.0	17.5°	109.2	109.2	107.0	107.0	109.2	109.2	111.4	115.9	120.3	122.6
0.0	20°	100.3	98.1	95.8	95.8	98.1	98.1	100.3	104.7	109.2	111.4
0.0	22.5°	86.9	84.7	84.7	84.7	84.7	86.9	86.9	91.4	98.1	102.5
0.0	25°	69.1	71.3	71.3	73.5	73.5	75.8	78.0	82.5	89.1	93.6
0.0	27.5°	53.5	55.7	55.7	60.2	62.4	64.6	66.9	73.5	80.2	84.7
0.0	30°	40.1	42.3	44.6	46.8	51.3	55.7	60.2	66.9	73.5	78.0
0.0	32.5°	24.5	29.0	31.2	35.7	40.1	44.6	49.0	55.7	64.6	71.3
0.0	35°	17.8	20.1	24.5	26.7	31.2	35.7	40.1	49.0	55.7	64.6
0.0	37.5°	8.9	13.4	17.8	22.3	26.7	31.2	35.7	44.6	53.5	60.2
0.0	40°	6.7	11.1	13.4	17.8	24.5	29.0	33.4	42.3	51.3	60.2
0.0	42.5°	4.5	6.7	8.9	15.6	20.1	26.7	33.4	42.3	51.3	60.2
0.0	45°	4.5	4.5	6.7	13.4	20.1	29.0	35.7	44.6	51.3	60.2
0.0	47.5°	4.5	6.7	8.9	17.8	22.3	29.0	35.7	42.3	51.3	57.9
0.0	50°	6.7	8.9	11.1	20.1	24.5	31.2	35.7	44.6	51.3	60.2
0.0	52.5°	4.5	6.7	8.9	17.8	24.5	33.4	40.1	49.0	57.9	64.6
0.0	55°	2.2	2.2	2.2	13.4	26.7	37.9	51.3	57.9	66.9	73.5
0.0	57.5°	0.0	0.0	0.0	8.9	26.7	42.3	57.9	66.9	75.8	82.5
0.0	60°	0.0	0.0	0.0	8.9	26.7	42.3	57.9	69.1	80.2	91.4
0.0	62.5°	0.0	0.0	0.0	8.9	22.3	35.7	49.0	66.9	86.9	104.7
0.0	65°	0.0	0.0	0.0	6.7	17.8	29.0	40.1	66.9	93.6	118.1
0.0	67.5°	0.0	0.0	0.0	6.7	17.8	26.7	37.9	66.9	93.6	122.6
	70°	0.0	0.0	0.0	6.7	17.8	29.0	40.1	66.9	93.6	120.3
	72.5°	0.0	0.0	0.0	6.7	20.1	31.2	44.6	66.9	89.1	111.4
	75°	0.0	0.0	0.0	8.9	20.1	33.4	46.8	66.9	86.9	104.7
	77.5°	0.0	0.0	0.0	6.7	20.1	31.2	44.6	64.6	84.7	102.5
	80°	6.7	4.5	4.5	11.1	20.1	29.0	37.9	57.9	80.2	100.3
	82.5°	13.4	13.4	11.1	15.6	20.1	26.7	33.4	51.3	71.3	89.1
	85°	26.7	26.7	24.5	26.7	26.7	29.0	31.2	40.1	49.0	57.9
	87.5°	35.7	35.7	33.4	33.4	33.4	31.2	31.2	31.2	31.2	29.0
	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):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
129.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.1											
133.7											
124.8											
122.6											
120.3											
107.0											
66.9											
29.0											
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REPORT NUMBER: P1049097

CATALOG NUMBER: GALN-SA9A-760-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3
0.0	2.5°	156.0	158.2	158.2	160.5	162.7	164.9	164.9	167.1	167.1	167.1
0.0	5°	153.8	158.2	160.5	162.7	164.9	167.1	169.4	171.6	173.8	173.8
0.0	7.5°	151.5	153.8	158.2	160.5	164.9	167.1	171.6	173.8	176.1	178.3
0.0	10°	147.1	151.5	156.0	160.5	164.9	169.4	173.8	178.3	182.7	185.0
0.0	12.5°	142.6	149.3	153.8	158.2	164.9	171.6	176.1	182.7	187.2	191.7
0.0	15°	140.4	144.9	151.5	156.0	164.9	173.8	180.5	189.4	198.3	205.0
0.0	17.5°	133.7	142.6	149.3	156.0	164.9	176.1	185.0	193.9	207.3	220.6
0.0	20°	124.8	131.5	140.4	147.1	160.5	171.6	185.0	196.1	216.2	236.2
0.0	22.5°	115.9	124.8	131.5	140.4	156.0	169.4	185.0	198.3	231.8	263.0
0.0	25°	107.0	118.1	127.0	135.9	153.8	171.6	189.4	207.3	263.0	318.7
0.0	27.5°	102.5	111.4	122.6	131.5	153.8	178.3	200.6	222.9	312.0	398.9
0.0	30°	95.8	107.0	115.9	127.0	156.0	185.0	213.9	242.9	378.9	514.8
0.0	32.5°	89.1	100.3	111.4	122.6	160.5	198.3	234.0	271.9	450.2	626.2
0.0	35°	82.5	95.8	107.0	118.1	167.1	218.4	267.4	316.5	514.8	710.9
0.0	37.5°	80.2	93.6	104.7	115.9	169.4	220.6	274.1	325.4	521.5	717.6
0.0	40°	82.5	93.6	107.0	118.1	162.7	207.3	249.6	294.2	499.2	702.0
0.0	42.5°	82.5	95.8	109.2	122.6	158.2	193.9	229.5	265.2	492.5	719.8
0.0	45°	80.2	93.6	107.0	120.3	153.8	185.0	218.4	249.6	532.6	813.4
0.0	47.5°	78.0	91.4	104.7	118.1	151.5	185.0	218.4	251.8	688.6	1123.2
0.0	50°	78.0	91.4	102.5	113.7	153.8	196.1	236.2	276.3	1002.9	1727.2
0.0	52.5°	82.5	93.6	102.5	111.4	158.2	207.3	254.1	300.9	1274.8	2246.4
0.0	55°	89.1	95.8	104.7	111.4	169.4	225.1	283.0	338.7	1357.2	2375.7
0.0	57.5°	98.1	104.7	111.4	118.1	189.4	260.7	329.8	401.1	1363.9	2324.4
0.0	60°	109.2	118.1	124.8	131.5	207.3	285.3	361.0	436.8	1234.6	2030.2
0.0	62.5°	133.7	144.9	153.8	164.9	238.5	309.8	383.3	454.6	1025.1	1595.7
0.0	65°	153.8	162.7	171.6	180.5	251.8	325.4	396.7	468.0	869.1	1270.3
0.0	67.5°	158.2	167.1	173.8	182.7	256.3	329.8	401.1	474.7	744.3	1011.8
	70°	160.5	171.6	185.0	196.1	271.9	347.7	421.2	497.0	659.7	822.3
	72.5°	153.8	176.1	196.1	216.2	287.5	356.6	427.9	497.0	612.9	728.7
	75°	153.8	185.0	213.9	242.9	296.4	347.7	401.1	452.4	541.5	630.7
	77.5°	162.7	202.8	242.9	283.0	314.2	343.2	374.4	403.4	461.3	519.3
	80°	162.7	205.0	245.1	287.5	300.9	316.5	329.8	343.2	349.9	356.6
	82.5°	140.4	173.8	207.3	240.7	225.1	209.5	193.9	178.3	167.1	153.8
	85°	71.3	78.0	82.5	86.9	80.2	73.5	66.9	60.2	55.7	49.0
	87.5°	29.0	29.0	26.7	26.7	26.7	26.7	24.5	24.5	24.5	24.5
	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):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
129.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
189.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
198.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
216.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
238.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
274.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
349.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
474.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
659.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
893.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1116.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1268.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1381.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1495.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1718.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2164.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3298.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5052.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6360.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6505.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5870.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5018.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3922.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2964.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2188.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1548.9											
1152.2											
837.9											
630.7											
354.3											
160.5											
46.8											
22.3											
0.0											
0.0											
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CATALOG NUMBER: GALN-SA9A-760-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°	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3
0.0	2.5°	167.1	164.9	164.9	162.7	160.5	158.2	156.0	153.8	151.5	149.3
0.0	5°	173.8	173.8	173.8	171.6	171.6	169.4	169.4	167.1	164.9	162.7
0.0	7.5°	180.5	182.7	182.7	185.0	185.0	185.0	185.0	182.7	182.7	182.7
0.0	10°	191.7	193.9	196.1	198.3	200.6	202.8	202.8	205.0	205.0	205.0
0.0	12.5°	205.0	211.7	216.2	222.9	227.3	234.0	238.5	245.1	249.6	254.1
0.0	15°	225.1	236.2	249.6	260.7	271.9	287.5	305.3	320.9	336.5	361.0
0.0	17.5°	254.1	289.7	325.4	358.8	394.5	472.5	550.5	626.2	704.2	817.9
0.0	20°	309.8	416.7	521.5	628.5	733.2	1007.3	1279.2	1553.3	1825.2	2117.2
0.0	22.5°	434.6	697.5	960.5	1223.5	1486.5	2059.2	2629.7	3202.5	3773.0	4443.8
0.0	25°	630.7	1114.3	1597.9	2079.3	2562.9	3458.8	4356.9	5252.8	6148.7	7020.0
0.0	27.5°	918.2	1658.1	2398.0	3135.6	3875.5	5090.1	6306.9	7521.5	8736.1	9721.1
0.0	30°	1272.5	2275.4	3278.3	4281.1	5284.0	6665.7	8047.4	9426.9	10808.6	11885.1
0.0	32.5°	1606.8	2834.8	4062.7	5288.4	6516.4	8089.8	9665.4	11238.8	12812.1	13988.8
0.0	35°	1825.2	3309.5	4795.9	6280.2	7764.4	9467.0	11169.7	12870.1	14572.7	15916.6
0.0	37.5°	2043.6	3757.4	5469.0	7182.7	8894.3	10764.1	12633.9	14503.6	16373.4	18033.7
0.0	40°	2288.8	4298.9	6306.9	8317.1	10325.0	12540.3	14753.2	16968.5	19181.4	21523.7
0.0	42.5°	2714.4	5197.1	7681.9	10164.6	12647.2	15577.8	18508.4	21436.8	24367.4	27710.2
0.0	45°	3514.5	7013.4	10514.5	14013.4	17512.2	21394.4	25278.9	29161.1	33043.3	37491.5
0.0	47.5°	5473.4	10287.2	15098.7	19912.4	24723.9	28915.9	33105.7	37297.6	41487.4	45917.8
0.0	50°	8375.0	13977.7	19580.4	25180.8	30783.5	34576.5	38367.3	42160.4	45951.2	50165.5
0.0	52.5°	10474.4	16311.0	22149.9	27986.6	33823.3	37246.4	40671.7	44094.8	47517.9	51455.8
0.0	55°	10632.6	16435.8	22241.3	28044.5	33847.8	37286.5	40725.2	44163.9	47602.6	51776.8
0.0	57.5°	9413.6	15170.0	20924.2	26680.6	32434.9	36350.5	40263.9	44179.5	48092.9	52605.8
0.0	60°	8007.3	13766.0	19522.4	25281.1	31037.5	35548.2	40061.1	44571.7	49082.4	53310.0
0.0	62.5°	6246.7	12170.3	18096.1	24019.7	29943.3	34523.0	39102.8	43680.3	48260.0	51431.3
0.0	65°	4655.5	10407.5	16159.5	21909.2	27661.2	31329.5	34997.7	38663.8	42332.0	44295.4
0.0	67.5°	3365.2	8326.0	13284.6	18245.4	23204.0	25829.3	28454.6	31077.6	33702.9	35205.0
	70°	2275.4	5711.9	9146.1	12582.6	16016.9	18174.1	20333.6	22490.9	24648.2	26676.2
	72.5°	1575.6	3505.6	5437.8	7367.7	9297.7	11468.3	13636.7	15807.4	17975.8	20121.9
	75°	1045.2	1923.3	2803.6	3681.6	4559.7	6166.5	7775.5	9382.4	10989.2	12268.4
	77.5°	742.1	1005.1	1270.3	1533.3	1796.2	2097.1	2400.2	2701.0	3001.9	3458.8
	80°	352.1	385.5	419.0	450.2	483.6	592.8	702.0	811.2	920.4	1036.3
	82.5°	167.1	180.5	193.9	205.0	218.4	229.5	240.7	251.8	263.0	251.8
	85°	44.6	44.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	44.6
	87.5°	20.1	20.1	20.1	20.1	20.1	20.1	20.1	17.8	17.8	15.6
	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):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
129.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
207.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
256.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
387.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
929.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2411.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5114.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7891.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10706.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12963.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15167.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17260.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19696.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23865.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31053.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41939.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50348.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54379.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55393.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55953.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57118.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57535.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54604.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46261.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36709.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28702.0											
22268.0											
13547.6											
3915.6											
1152.2											
238.5											
42.3											
15.6											
0.0											
0.0											
0.0											
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°	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3
0.0	2.5°	144.9	142.6	140.4	138.2	135.9	131.5	131.5	129.3	129.3
0.0	5°	158.2	156.0	153.8	151.5	151.5	149.3	147.1	147.1	144.9
0.0	7.5°	180.5	178.3	176.1	173.8	173.8	171.6	171.6	169.4	169.4
0.0	10°	207.3	207.3	207.3	207.3	207.3	205.0	205.0	205.0	202.8
0.0	12.5°	260.7	263.0	267.4	271.9	278.6	278.6	278.6	276.3	276.3
0.0	15°	412.3	436.8	454.6	472.5	488.1	523.7	519.3	512.6	508.1
0.0	17.5°	1043.0	1154.4	1214.6	1272.5	1332.7	1497.6	1470.9	1444.1	1419.6
0.0	20°	2703.3	2995.2	3189.1	3383.0	3579.1	3888.9	3813.1	3737.3	3661.6
0.0	22.5°	5783.2	6454.0	6745.9	7037.9	7327.6	7702.0	7459.1	7216.2	6975.5
0.0	25°	8760.6	9632.0	10124.5	10617.0	11107.3	11321.2	11004.8	10686.1	10369.6
0.0	27.5°	11691.2	12676.2	13110.8	13543.1	13977.7	14425.6	14033.4	13639.0	13246.7
0.0	30°	14040.1	15116.5	15586.7	16054.7	16525.0	16837.0	16431.4	16023.5	15617.9
0.0	32.5°	16344.5	17521.1	18036.0	18550.8	19063.3	19511.3	19012.1	18510.6	18011.4
0.0	35°	18602.0	19945.9	20654.5	21363.2	22071.9	22488.7	21895.9	21300.8	20708.0
0.0	37.5°	21356.5	23016.8	23810.2	24603.6	25397.0	26156.9	25503.9	24848.7	24195.8
0.0	40°	26208.2	28550.4	29767.2	30986.3	32203.1	33183.7	32359.1	31534.5	30709.9
0.0	42.5°	34396.0	37738.9	39488.3	41235.5	42985.0	44516.0	43649.1	42782.2	41915.3
0.0	45°	46388.0	50836.3	52969.1	55099.6	57232.3	58351.1	57103.1	55852.8	54604.8
0.0	47.5°	54776.4	59206.9	61105.6	63004.4	64903.1	66180.1	64653.5	63126.9	61602.6
0.0	50°	58591.8	62806.0	64711.5	66614.7	68520.1	69534.1	67771.3	66006.3	64243.5
0.0	52.5°	59329.4	63267.3	65540.5	67815.9	70089.1	71444.0	69362.5	67278.8	65197.3
0.0	55°	60127.3	64301.4	66937.8	69576.5	72212.9	74089.4	71736.0	69380.4	67027.0
0.0	57.5°	61629.3	66142.2	68772.0	71399.5	74029.2	75622.6	73262.6	70900.3	68540.2
0.0	60°	61763.1	65988.5	68248.2	70510.3	72770.0	73772.9	71515.3	69255.6	66998.0
0.0	62.5°	57776.1	60947.4	62516.3	64085.2	65654.2	66743.9	64388.3	62030.5	59674.9
0.0	65°	48224.4	50187.8	51438.0	52688.2	53938.5	55237.8	53080.5	50923.2	48765.9
0.0	67.5°	38211.3	39713.4	41360.3	43007.3	44654.2	46042.6	44315.4	42586.1	40858.9
	70°	30730.0	32755.8	34607.7	36459.7	38311.6	39448.2	37714.4	35978.3	34244.5
	72.5°	24414.2	26560.3	28106.9	29651.3	31198.0	31476.6	30201.8	28927.1	27654.5
	75°	14824.6	16103.8	16135.0	16163.9	16195.1	16460.3	15404.0	14347.6	13293.5
	77.5°	4372.5	4829.3	5206.0	5580.4	5957.0	6411.6	6023.9	5633.9	5246.1
	80°	1265.8	1381.7	1479.8	1575.6	1673.7	1615.7	1524.4	1433.0	1341.6
	82.5°	227.3	213.9	211.7	209.5	209.5	198.3	180.5	162.7	144.9
	85°	40.1	37.9	35.7	33.4	31.2	29.0	24.5	22.3	17.8
	87.5°	13.4	11.1	8.9	6.7	6.7	2.2	2.2	2.2	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-SA9A-760-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049097

CATALOG NUMBER: GALN-SA9A-760-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°	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3
0.0	0.0	2.5°	127.0	124.8	124.8	124.8	124.8	122.6	122.6	122.6	122.6
0.0	0.0	5°	140.4	140.4	138.2	138.2	135.9	135.9	133.7	133.7	131.5
0.0	0.0	7.5°	164.9	162.7	160.5	158.2	156.0	151.5	149.3	147.1	147.1
0.0	0.0	10°	198.3	193.9	191.7	187.2	185.0	180.5	176.1	171.6	167.1
0.0	0.0	12.5°	260.7	251.8	245.1	236.2	227.3	220.6	211.7	205.0	196.1
0.0	0.0	15°	452.4	430.1	405.6	376.6	345.4	316.5	285.3	267.4	247.4
0.0	0.0	17.5°	1156.6	1040.8	922.6	826.8	731.0	637.4	541.5	472.5	403.4
0.0	0.0	20°	2944.0	2623.0	2302.1	1985.7	1667.0	1350.5	1031.8	871.4	710.9
0.0	0.0	22.5°	5540.3	4945.2	4348.0	3770.8	3191.3	2614.1	2036.9	1673.7	1312.6
0.0	0.0	25°	8551.1	7802.3	7053.5	6104.1	5152.5	4203.1	3253.7	2663.2	2072.6
0.0	0.0	27.5°	11127.3	10264.9	9402.4	8248.0	7093.6	5939.2	4784.8	3904.5	3026.4
0.0	0.0	30°	13358.1	12431.1	11504.0	10160.1	8816.3	7472.5	6128.6	5027.7	3926.8
0.0	0.0	32.5°	15292.6	14182.7	13072.9	11686.7	10300.5	8914.3	7528.2	6177.6	4827.1
0.0	0.0	35°	17523.4	16228.6	14931.5	13393.8	11853.9	10316.1	8778.4	7254.0	5727.5
0.0	0.0	37.5°	20358.1	18769.2	17177.9	15464.2	13750.4	12038.8	10325.0	8582.3	6839.5
0.0	0.0	40°	25784.7	23734.4	21684.1	19506.8	17327.3	15149.9	12972.6	10833.2	8693.7
0.0	0.0	42.5°	35508.1	32737.9	29967.8	27070.6	24171.3	21274.1	18374.7	15357.2	12337.5
0.0	0.0	45°	46481.6	43045.2	39606.4	36354.9	33101.2	29849.7	26598.2	22457.5	18316.8
0.0	0.0	47.5°	52652.6	48942.0	45231.4	42153.7	39076.0	35998.4	32920.7	28456.8	23993.0
0.0	0.0	50°	54923.5	51146.1	47368.6	44536.1	41701.3	38868.8	36034.0	31563.5	27090.7
0.0	0.0	52.5°	55407.1	51553.9	47700.7	44850.3	41999.9	39151.8	36301.4	31859.9	27418.3
0.0	0.0	55°	56401.1	52267.0	48130.8	44881.5	41632.2	38382.9	35133.7	30620.8	26107.9
0.0	0.0	57.5°	57700.3	53461.6	49222.8	45521.1	41819.4	38120.0	34418.3	29484.2	24550.1
0.0	0.0	60°	57359.4	53671.1	49980.5	46015.9	42049.0	38084.3	34117.4	28690.8	23262.0
0.0	0.0	62.5°	51440.2	48503.0	45563.5	42303.0	39040.4	35780.0	32519.5	26932.5	21345.4
0.0	0.0	65°	42318.6	40174.7	38030.8	35407.8	32782.5	30159.5	27536.4	22526.6	17518.9
0.0	0.0	67.5°	34298.0	31882.2	29464.1	27373.7	25281.1	23190.7	21098.0	17155.7	13213.3
		70°	27248.9	24621.4	21991.7	19950.3	17906.7	15865.3	13823.9	11203.1	8584.5
		72.5°	21639.6	19270.6	16901.6	14724.3	12544.7	10367.4	8187.8	6639.0	5090.1
		75°	10342.9	9395.7	8448.6	7309.8	6171.0	5032.1	3893.3	3218.1	2545.0
		77.5°	3833.2	3322.8	2810.2	2346.7	1883.2	1421.8	958.3	878.1	797.8
		80°	991.7	864.7	735.4	644.1	550.5	459.1	367.7	332.1	298.6
		82.5°	113.7	104.7	98.1	93.6	86.9	82.5	75.8	69.1	62.4
		85°	6.7	4.5	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



REPORT NUMBER: P1049097

CATALOG NUMBER: GALN-SA9A-760-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049097

CATALOG NUMBER: GALN-SA9A-760-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	129.3	129.3
0.0	0.0	2.5°	120.3	118.1
0.0	0.0	5°	127.0	124.8
0.0	0.0	7.5°	140.4	135.9
0.0	0.0	10°	153.8	149.3
0.0	0.0	12.5°	173.8	167.1
0.0	0.0	15°	196.1	182.7
0.0	0.0	17.5°	234.0	205.0
0.0	0.0	20°	316.5	242.9
0.0	0.0	22.5°	445.7	303.1
0.0	0.0	25°	655.2	419.0
0.0	0.0	27.5°	911.5	557.1
0.0	0.0	30°	1212.4	697.5
0.0	0.0	32.5°	1477.6	831.3
0.0	0.0	35°	1823.0	967.2
0.0	0.0	37.5°	2248.6	1141.0
0.0	0.0	40°	2908.3	1404.0
0.0	0.0	42.5°	4096.1	1889.8
0.0	0.0	45°	6652.3	3267.1
0.0	0.0	47.5°	10235.9	5404.3
0.0	0.0	50°	12522.4	6897.5
0.0	0.0	52.5°	12709.6	6886.3
0.0	0.0	55°	11602.0	6121.9
0.0	0.0	57.5°	9899.4	5116.8
0.0	0.0	60°	8227.9	4047.1
0.0	0.0	62.5°	6483.0	2794.6
0.0	0.0	65°	4738.0	1976.8
0.0	0.0	67.5°	3403.1	1477.6
		70°	2237.5	1132.1
		72.5°	1457.5	922.6
		75°	980.6	764.4
		77.5°	572.7	508.1
		80°	202.8	178.3
		82.5°	37.9	26.7
		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: P1049097

CATALOG NUMBER: GALN-SA9A-760-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: SP1-2407-184-7

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-757-U-5WQ

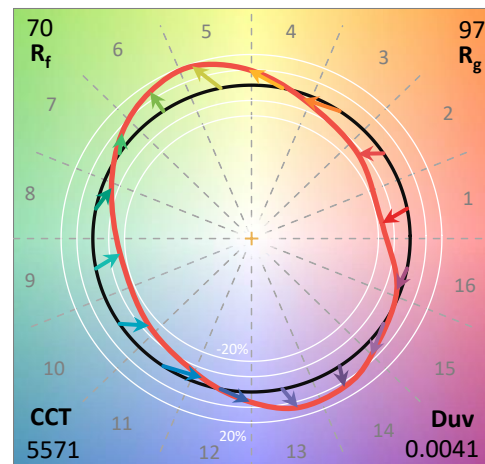
Data in this report applies to families of products including GSS-SB1A-757-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-7
 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-757-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 5700K CCT 26 LEDS

Spectral Parameters

CCT (K):	5571	CRI (Ra):	69.9		
CIE u':	0.2033	R1:	68.8	R9:	-35.4
CIE v':	0.4806	R2:	72.5	R10:	36.7
Duv:	0.0041	R3:	76.8	R11:	73.9
CIE x:	0.3308	R4:	72.0	R12:	47.8
CIE y:	0.3476	R5:	70.9	R13:	68.0
CIE z:	0.3216	R6:	65.6	R14:	87.0
Peak Wavelength (nm):	442	R7:	75.5	R15:	59.8
Dominant Wavelength (nm):	544	R8:	56.8		
Purity:	3.635698				
Rf:	70.4				
Rg:	97.1				



Test Conditions

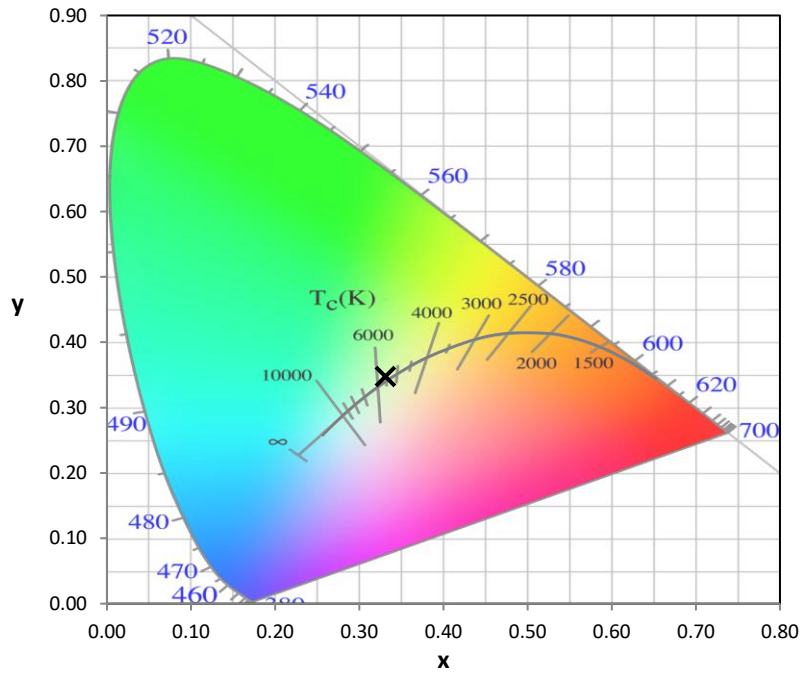
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-7

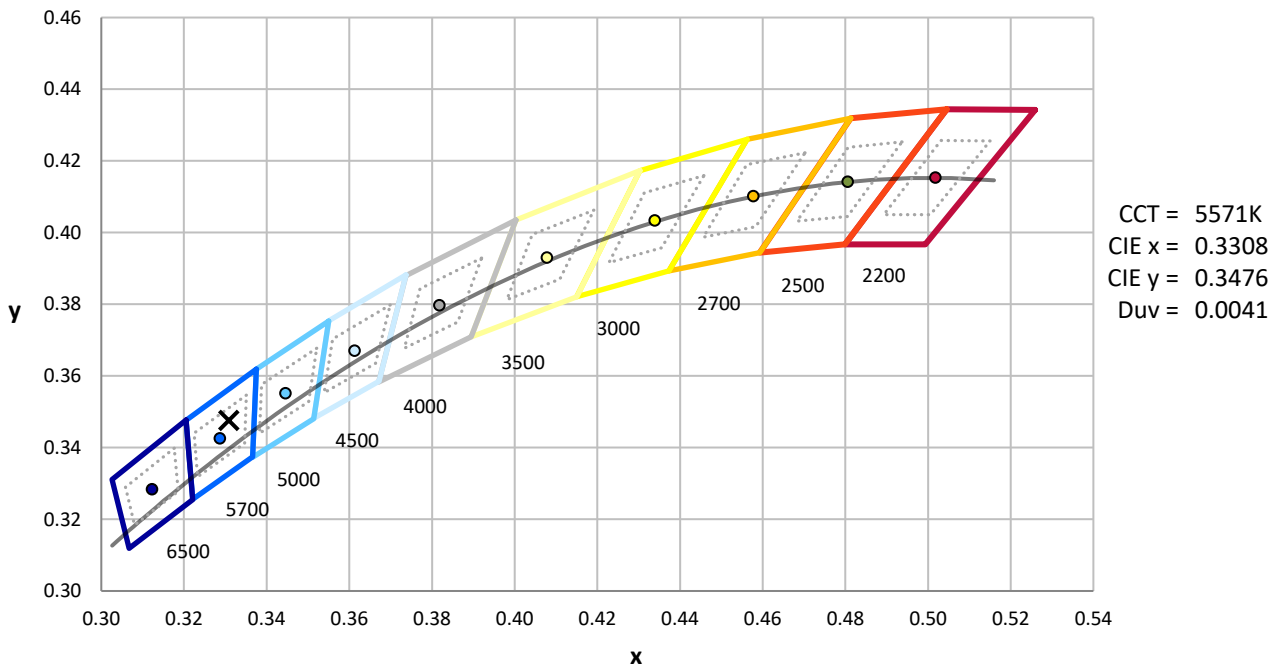
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-7

CIE 1931 Chromaticity Diagram



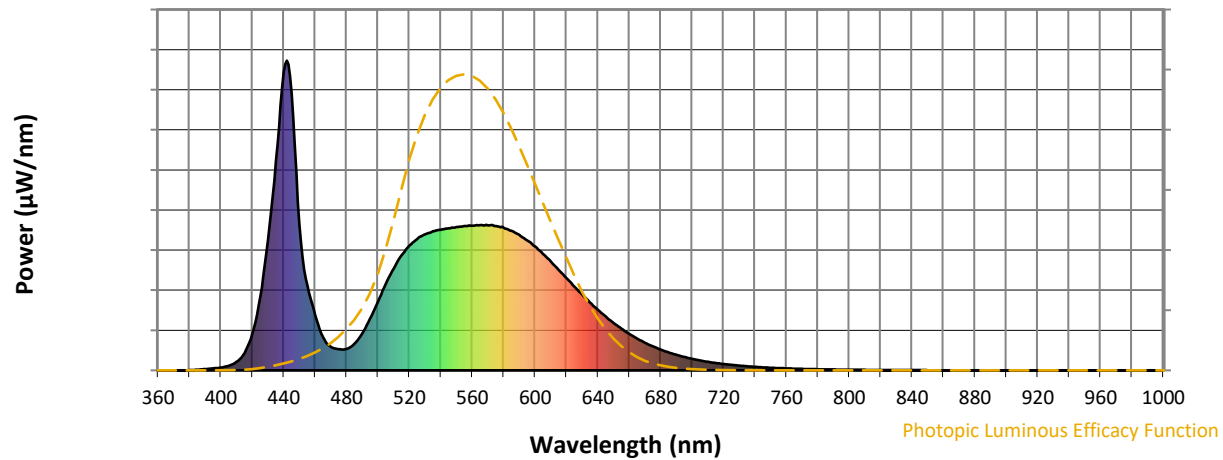
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-7

Photopic Flux vs. Wavelength

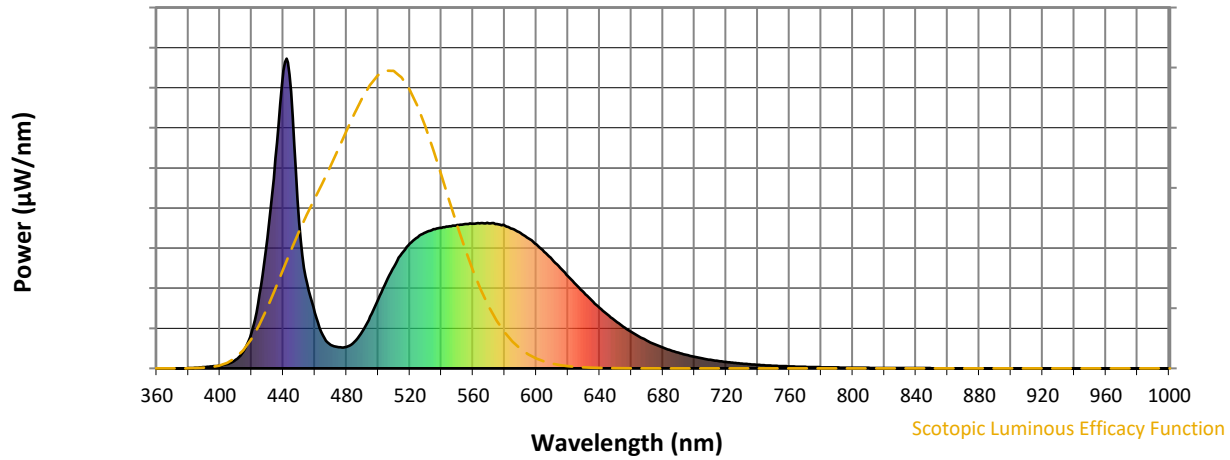


Photopic Lumens: NR

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-7

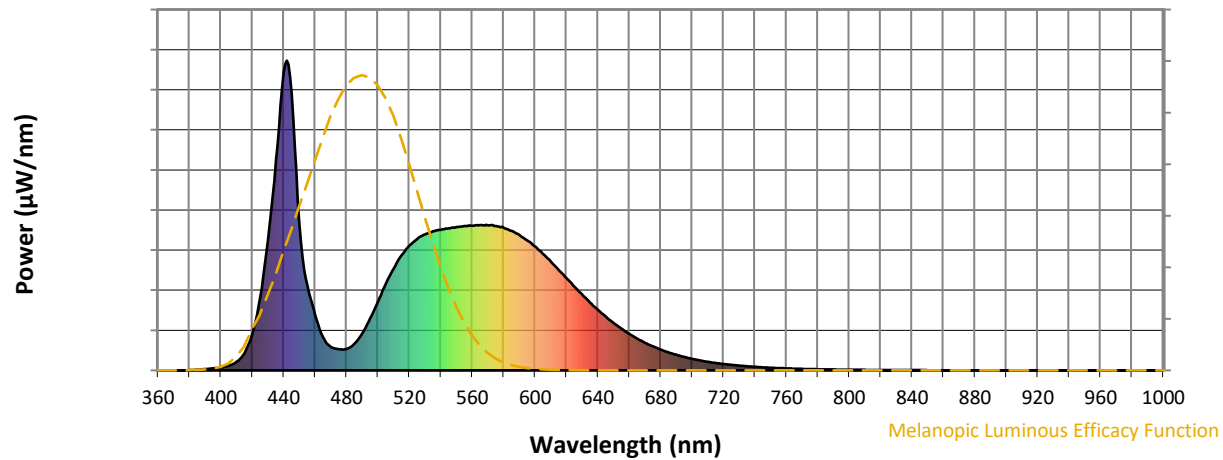
Scotopic Flux vs. Wavelength


Scotopic Lumens: NR
S/P: 1.84

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.71

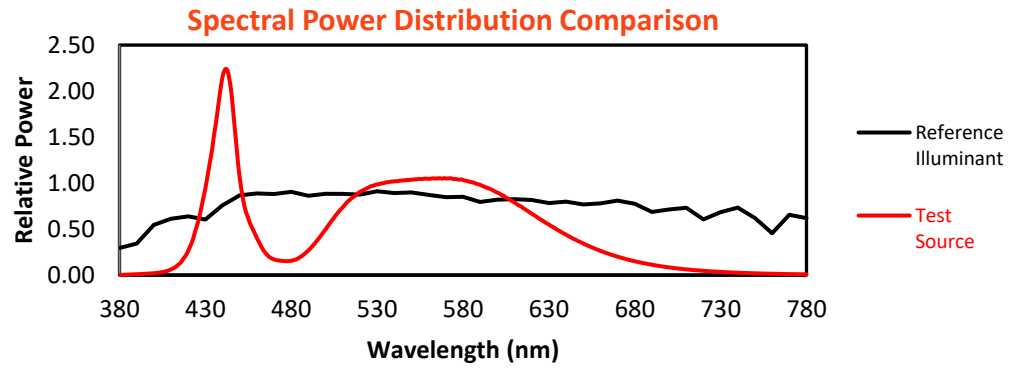
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-7

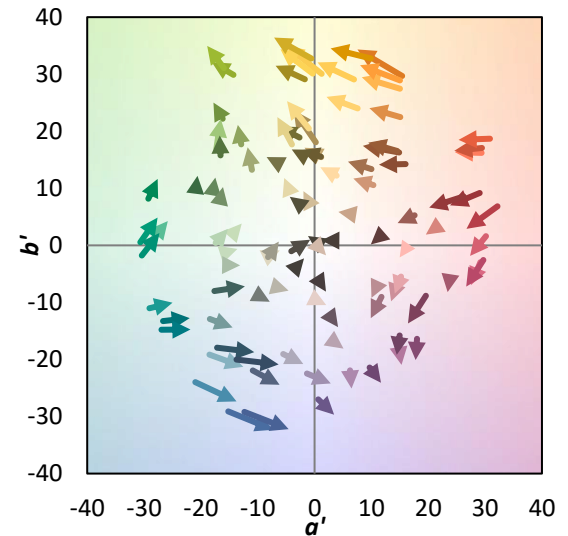
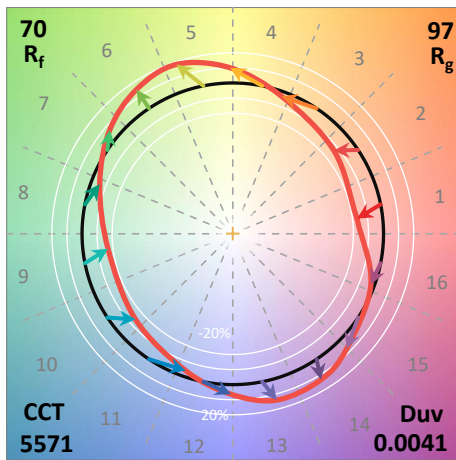
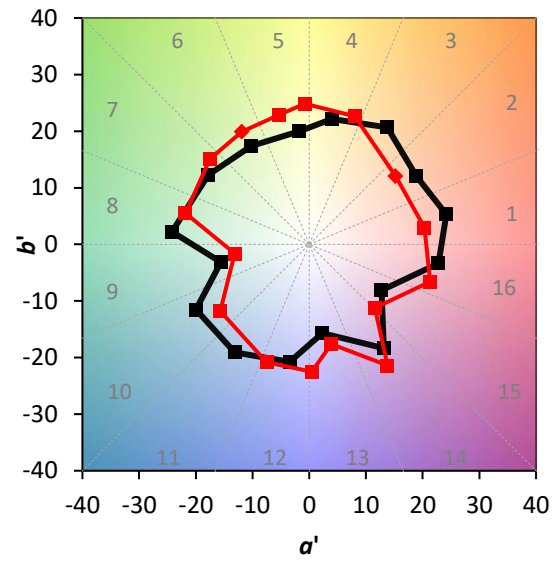
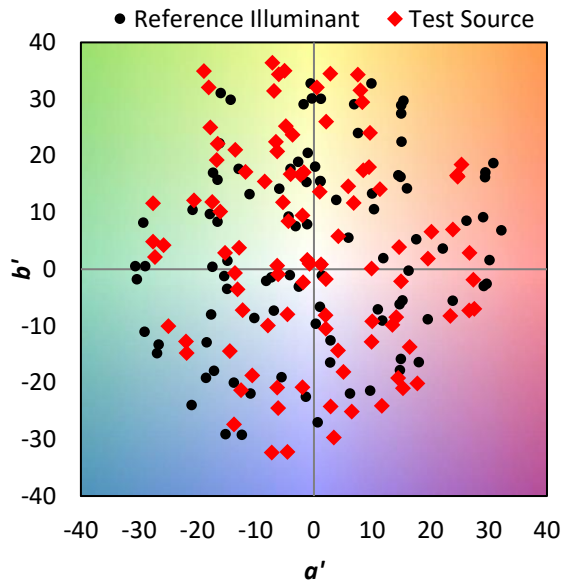
TM-30-18

Summary

$R_f = 70.4$
 $R_g = 97.1$
 $CIE R_a = 69.9$
 $R_g = -35.4$

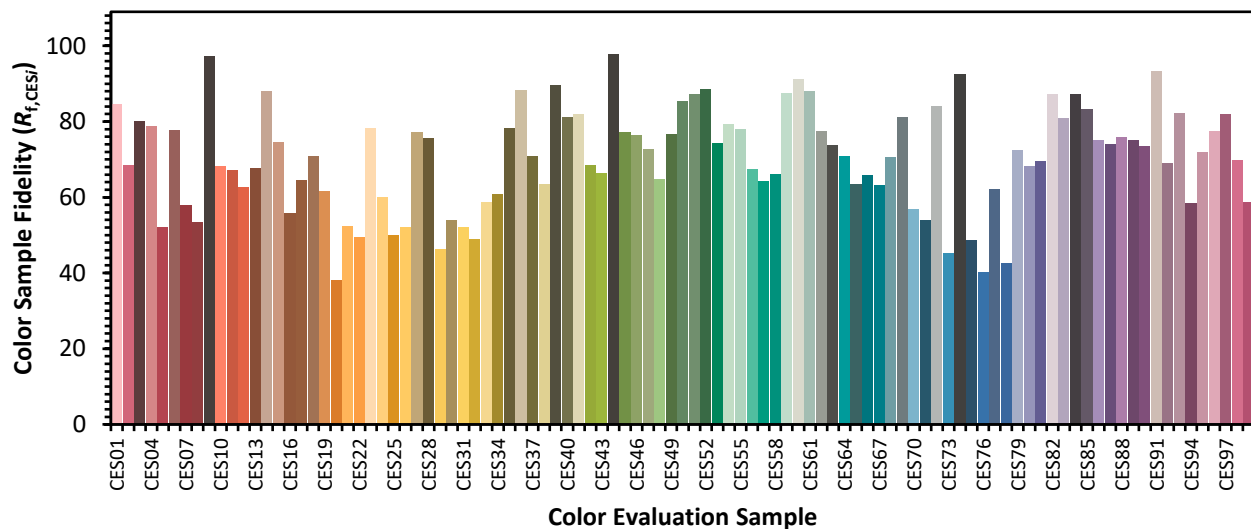


Color Vector Graphics

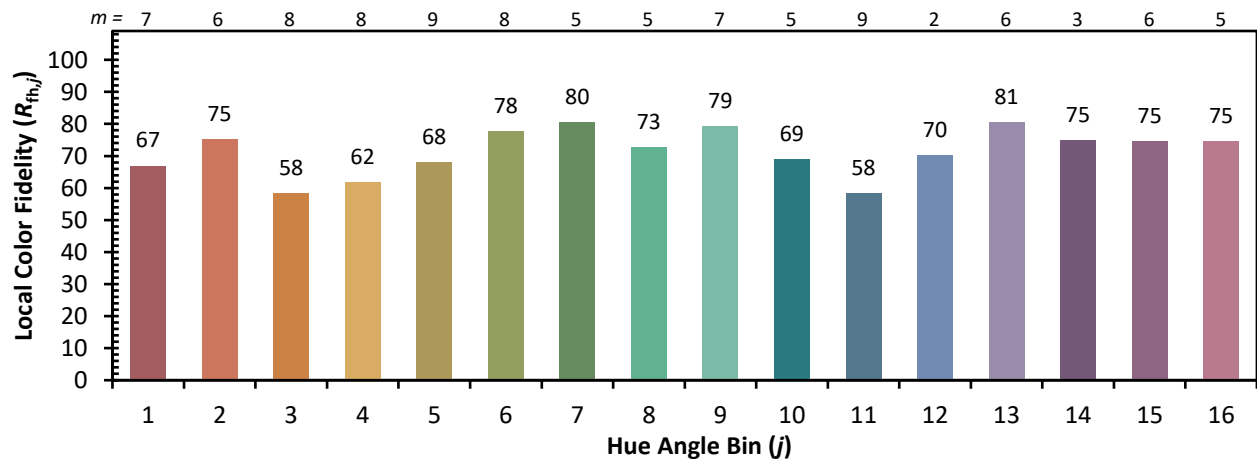
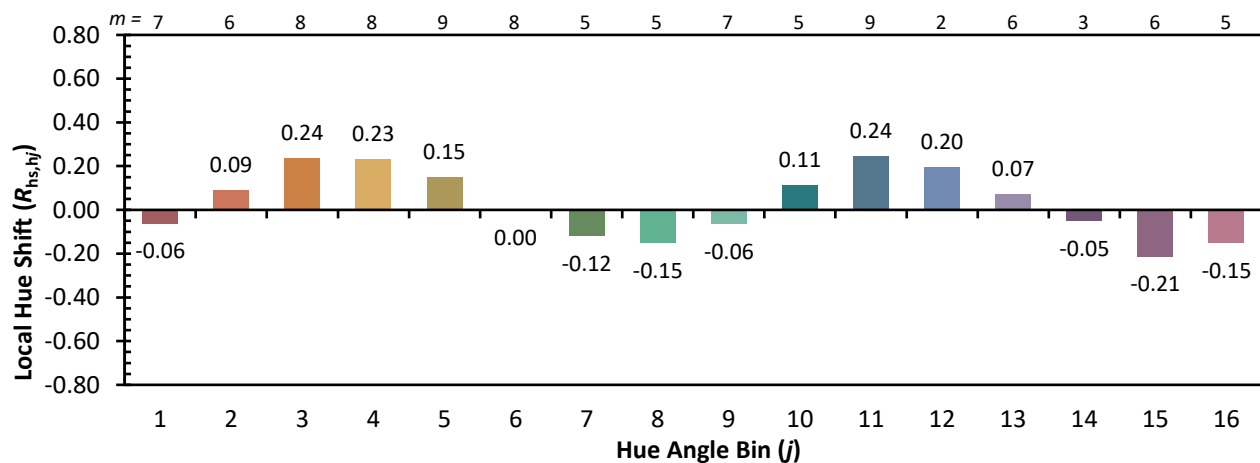
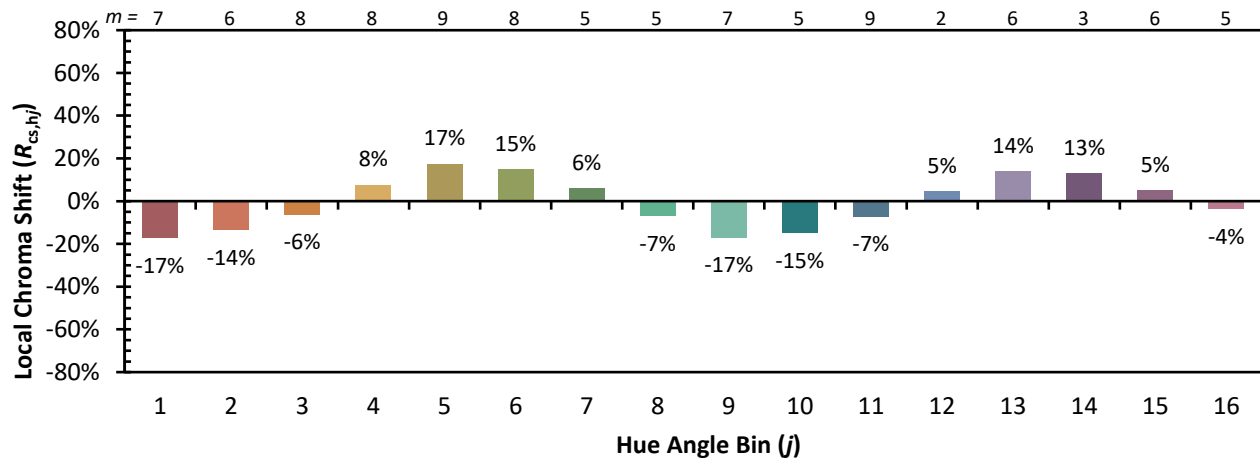


Individual Sample Fidelity Index ($R_{f,i}$)

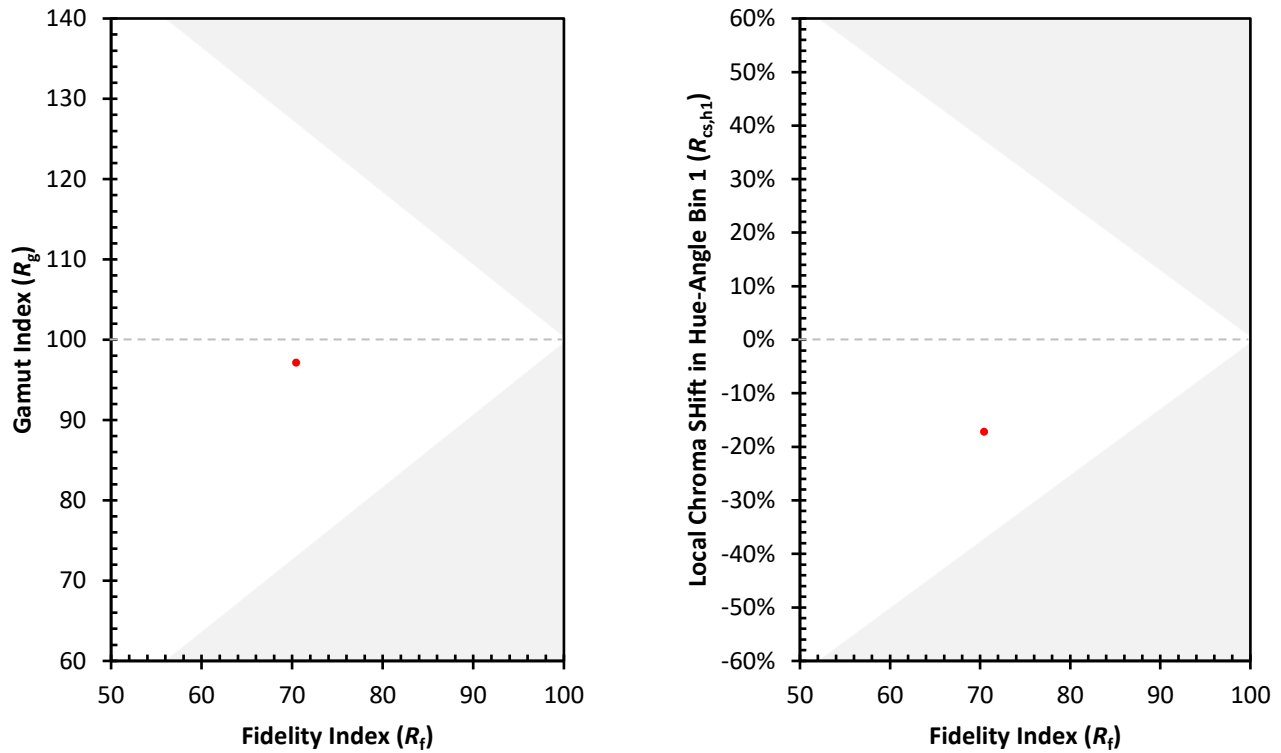
CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82 = 87
CES08 = 37	CES33 = 59	CES58 = 66	CES83 = 81
CES09 = 29	CES34 = 61	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 78	CES60 = 91	CES85 = 83
CES11 = 55	CES36 = 88	CES61 = 88	CES86 = 75
CES12 = 61	CES37 = 71	CES62 = 77	CES87 = 74
CES13 = 41	CES38 = 64	CES63 = 74	CES88 = 76
CES14 = 74	CES39 = 90	CES64 = 71	CES89 = 75
CES15 = 70	CES40 = 81	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 82	CES66 = 66	CES91 = 93
CES17 = 48	CES42 = 69	CES67 = 63	CES92 = 69
CES18 = 55	CES43 = 67	CES68 = 71	CES93 = 82
CES19 = 70	CES44 = 98	CES69 = 81	CES94 = 58
CES20 = 63	CES45 = 77	CES70 = 57	CES95 = 72
CES21 = 85	CES46 = 76	CES71 = 54	CES96 = 78
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 45	CES98 = 70
CES24 = 90	CES49 = 77	CES74 = 92	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)