

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: P1049057

Luminaire Tested: **GALN-SA8A-750-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049057
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8A-750-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 8xLight Square PACKAGE
70CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (112) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26187.5 lumens
Efficiency: N/A
Efficacy: 120.3 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

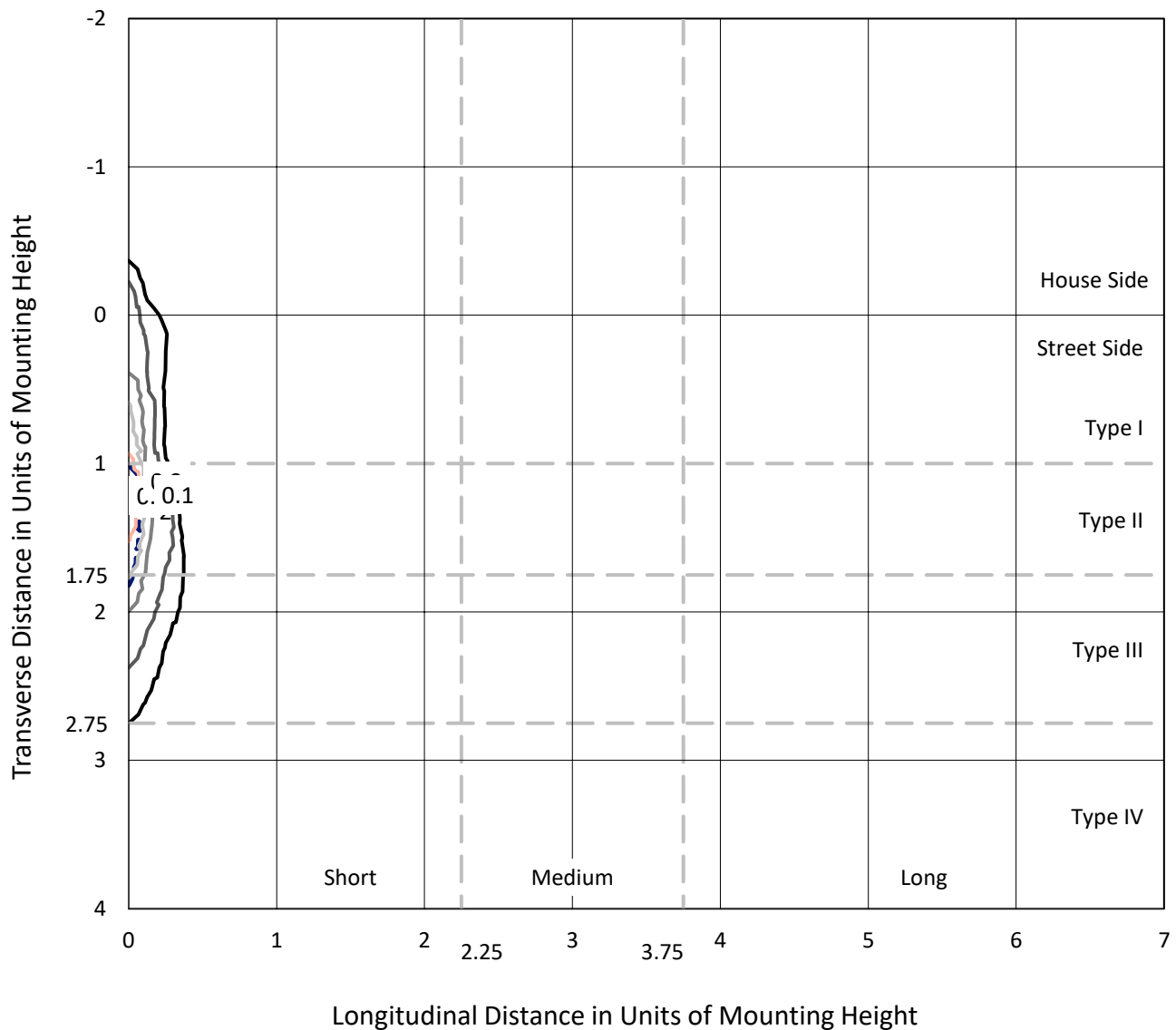
Input Watts (W): 217.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

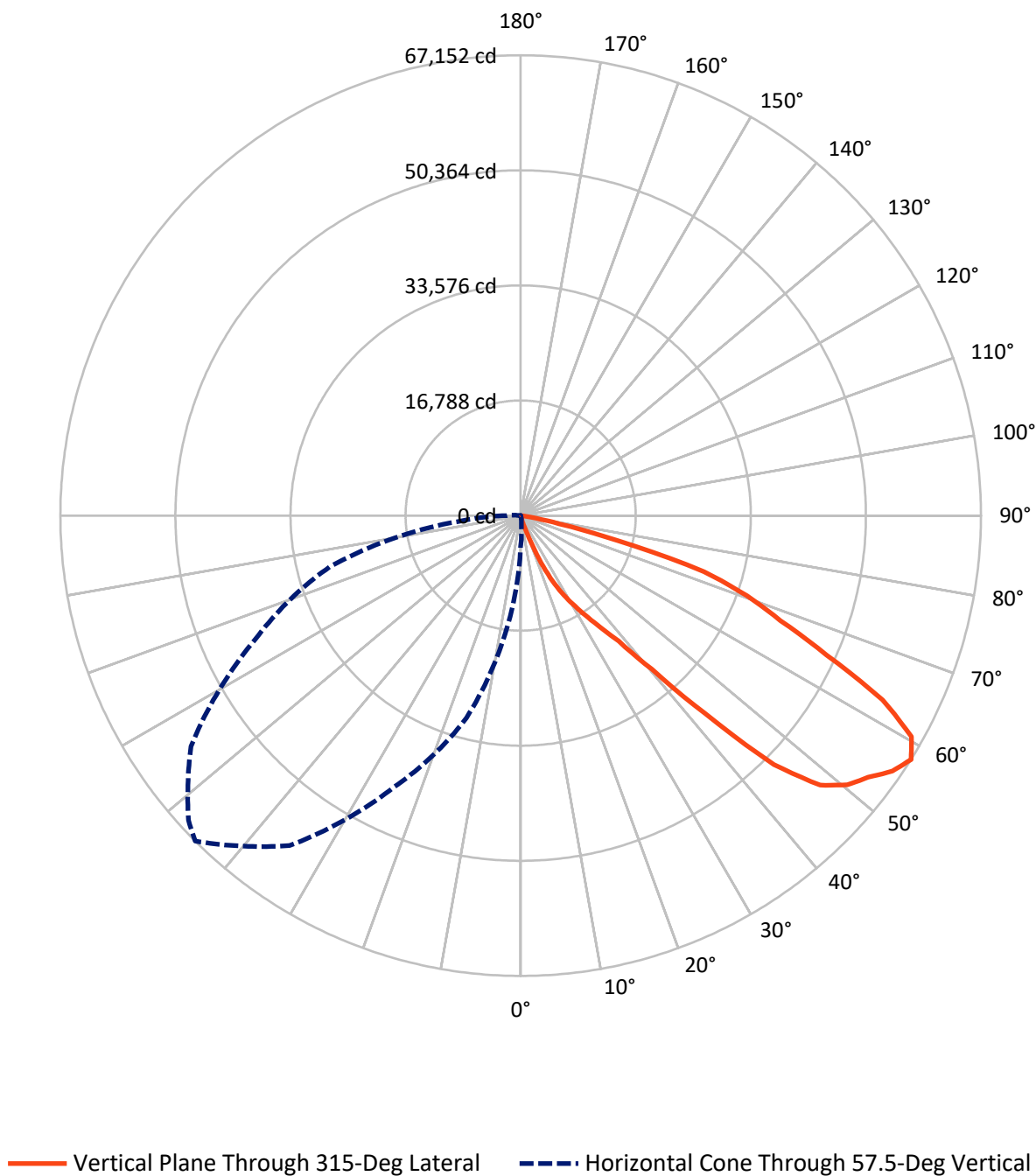


Based on 20 foot mounting height. Maximum calculated value = 3.9 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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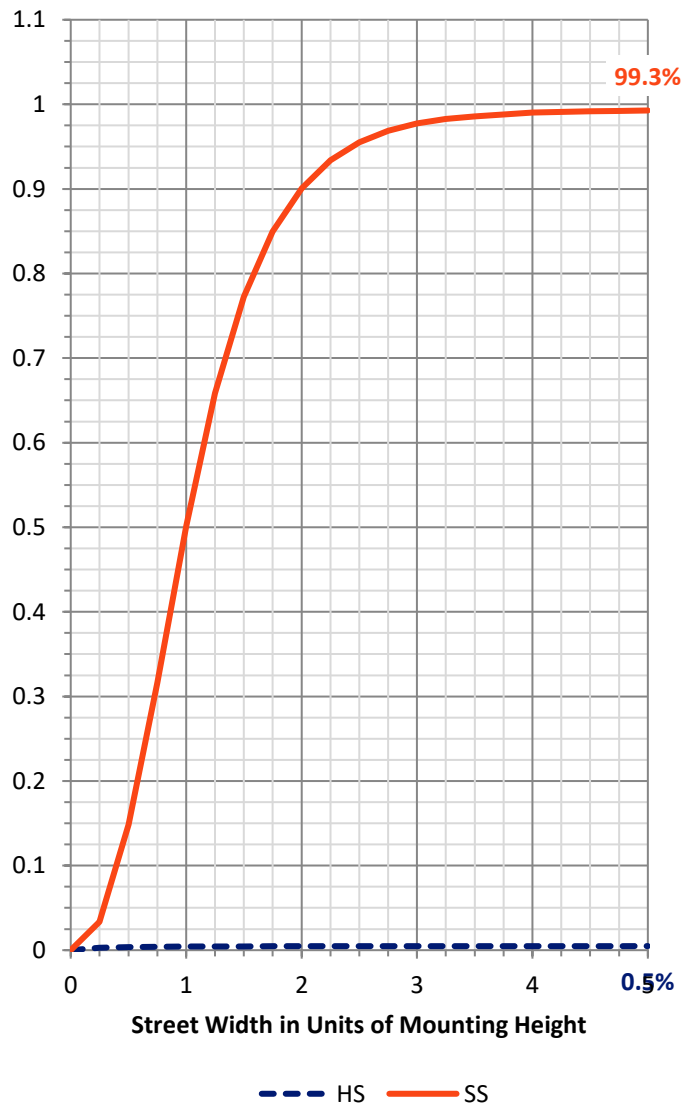
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	131.1	0.0	131.1
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	26056.4	0.0	26056.4
	% Fixture	99.5	0.0	99.5
Total	Lumens	26187.5	0.0	26187.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.3	0.0
10°-20°	57.5	0.2
20°-30°	620.6	2.4
30°-40°	1835.2	7.0
40°-50°	5469.5	20.9
50°-60°	8672.7	33.1
60°-70°	7239.6	27.6
70°-80°	2232.4	8.5
80°-90°	49.6	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	26187.5	100.0
0°-180°	26187.5	100.0



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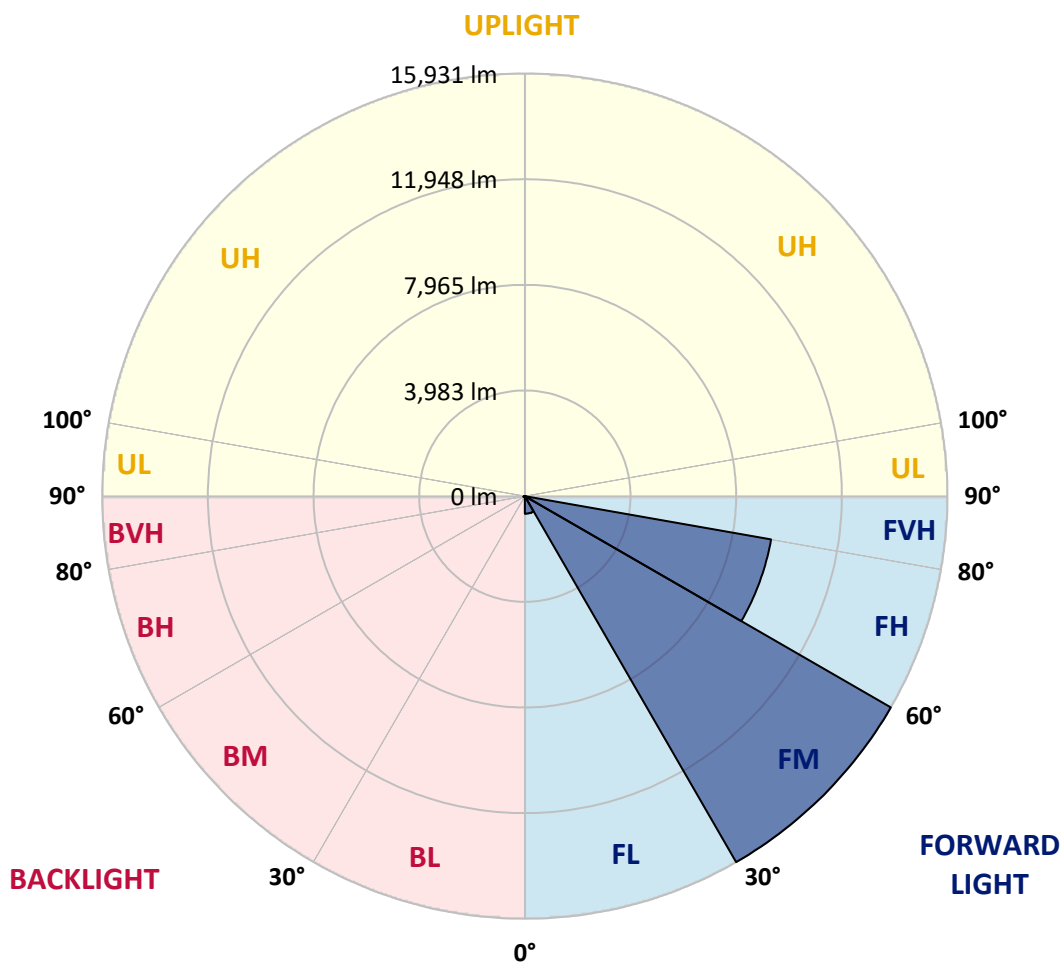
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	664.3	2.5			
FM	(30°-60°)	15930.6	60.8			
FH	(60°-80°)	9423.1	36.0			G4/12000
FVH	(80°-90°)	38.4	0.1			G1/100
BL	(0°-30°)	24.1	0.1	B0/110		
BM	(30°-60°)	46.9	0.2	B0/220		
BH	(60°-80°)	48.9	0.2	B0/110		G0/110
BVH	(80°-90°)	11.3	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°	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8
2.5°	104.9	104.9	104.9	104.9	102.9	102.9	100.9	100.9	98.9	98.9
5°	110.8	110.8	108.8	106.9	106.9	104.9	102.9	100.9	100.9	98.9
7.5°	120.7	118.7	116.8	114.8	110.8	108.8	104.9	102.9	100.9	97.0
10°	132.6	128.6	124.7	120.7	116.8	112.8	108.8	106.9	102.9	100.9
12.5°	148.4	142.5	134.6	128.6	124.7	118.7	114.8	110.8	104.9	100.9
15°	162.3	154.4	144.5	136.5	130.6	122.7	116.8	110.8	106.9	100.9
17.5°	182.1	168.2	152.4	142.5	134.6	124.7	114.8	108.8	102.9	95.0
20°	215.7	188.0	158.3	146.4	134.6	122.7	110.8	102.9	97.0	89.1
22.5°	269.1	221.6	174.1	156.3	140.5	122.7	106.9	98.9	91.0	83.1
25°	372.0	287.0	201.9	178.1	154.4	130.6	106.9	97.0	89.1	79.2
27.5°	494.7	368.1	239.5	205.8	174.1	140.5	106.9	95.0	85.1	73.2
30°	619.4	451.2	281.0	237.5	193.9	150.4	106.9	93.0	81.1	67.3
32.5°	738.2	528.4	316.6	265.2	213.7	160.3	108.8	93.0	77.2	61.3
35°	858.9	591.7	322.6	269.1	215.7	160.3	106.9	89.1	73.2	55.4
37.5°	1013.2	663.0	310.7	257.3	205.8	152.4	100.9	85.1	69.3	51.5
40°	1246.8	781.7	316.6	261.2	205.8	150.4	95.0	79.2	65.3	49.5
42.5°	1678.2	1011.3	342.4	279.0	215.7	150.4	87.1	73.2	61.3	47.5
45°	2901.2	1680.1	459.1	364.1	269.1	174.1	79.2	67.3	57.4	45.5
47.5°	4799.0	2812.1	825.2	637.2	451.2	263.2	77.2	67.3	57.4	45.5
50°	6124.9	3581.9	1039.0	799.5	560.0	320.6	81.1	69.3	59.4	47.5
52.5°	6115.0	3637.3	1157.7	888.6	621.4	352.3	85.1	73.2	63.3	51.5
55°	5436.2	3308.8	1179.5	906.4	635.2	362.2	91.0	79.2	67.3	55.4
57.5°	4543.7	2810.1	1076.6	833.1	591.7	348.3	104.9	91.0	79.2	65.3
60°	3593.8	2216.4	839.1	663.0	488.8	312.7	138.5	120.7	104.9	87.1
62.5°	2481.6	1606.9	732.2	587.8	445.3	300.8	158.3	140.5	124.7	106.9
65°	1755.3	1209.2	661.0	538.3	417.6	294.9	172.2	152.4	134.6	114.8
67.5°	1312.1	961.8	609.5	504.6	399.8	294.9	190.0	166.2	144.5	120.7
70°	1005.3	789.6	571.9	486.8	403.7	318.6	233.5	199.9	168.2	134.6
72.5°	819.3	674.8	528.4	467.0	405.7	344.3	283.0	239.5	195.9	150.4
75°	678.8	577.9	476.9	425.5	376.0	324.6	273.1	233.5	195.9	156.3
77.5°	451.2	411.6	370.1	340.4	310.7	279.0	249.4	215.7	184.0	150.4
80°	158.3	152.4	146.4	158.3	170.2	182.1	193.9	170.2	148.4	124.7
82.5°	23.7	21.8	19.8	21.8	23.7	25.7	27.7	29.7	31.7	33.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8
0.0	2.5°	97.0	97.0	95.0	95.0	95.0	93.0	93.0	91.0	91.0	91.0
0.0	5°	95.0	95.0	93.0	91.0	89.1	89.1	87.1	85.1	85.1	83.1
0.0	7.5°	93.0	91.0	89.1	87.1	85.1	83.1	81.1	79.2	79.2	77.2
0.0	10°	95.0	91.0	89.1	85.1	83.1	81.1	77.2	75.2	73.2	73.2
0.0	12.5°	91.0	89.1	85.1	81.1	79.2	75.2	73.2	69.3	67.3	67.3
0.0	15°	91.0	87.1	81.1	77.2	73.2	71.2	67.3	63.3	61.3	59.4
0.0	17.5°	85.1	81.1	75.2	71.2	67.3	63.3	59.4	55.4	53.4	51.5
0.0	20°	77.2	73.2	67.3	61.3	57.4	53.4	49.5	45.5	43.5	41.6
0.0	22.5°	69.3	65.3	59.4	53.4	49.5	45.5	39.6	35.6	33.6	29.7
0.0	25°	65.3	59.4	53.4	47.5	41.6	37.6	31.7	25.7	21.8	17.8
0.0	27.5°	55.4	49.5	43.5	37.6	31.7	25.7	19.8	13.9	9.9	7.9
0.0	30°	47.5	41.6	35.6	29.7	21.8	15.8	9.9	2.0	2.0	2.0
0.0	32.5°	39.6	33.6	25.7	19.8	15.8	9.9	5.9	0.0	0.0	0.0
0.0	35°	31.7	25.7	17.8	11.9	9.9	5.9	4.0	0.0	0.0	0.0
0.0	37.5°	27.7	21.8	13.9	5.9	4.0	4.0	2.0	0.0	0.0	0.0
0.0	40°	25.7	17.8	9.9	2.0	2.0	2.0	0.0	0.0	0.0	0.0
0.0	42.5°	25.7	17.8	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	25.7	17.8	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	25.7	17.8	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	27.7	19.8	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	31.7	23.7	15.8	7.9	5.9	4.0	2.0	0.0	0.0	0.0
0.0	55°	39.6	35.6	29.7	25.7	19.8	13.9	5.9	0.0	0.0	0.0
0.0	57.5°	51.5	51.5	49.5	47.5	35.6	23.7	11.9	0.0	0.0	0.0
0.0	60°	69.3	69.3	69.3	69.3	51.5	35.6	17.8	0.0	0.0	0.0
0.0	62.5°	85.1	81.1	75.2	71.2	53.4	35.6	17.8	0.0	0.0	0.0
0.0	65°	85.1	77.2	67.3	57.4	43.5	29.7	13.9	0.0	0.0	0.0
0.0	67.5°	79.2	63.3	45.5	29.7	21.8	15.8	7.9	0.0	0.0	0.0
	70°	79.2	55.4	31.7	7.9	5.9	4.0	2.0	0.0	0.0	0.0
	72.5°	79.2	53.4	25.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	87.1	59.4	29.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	87.1	59.4	29.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	77.2	51.5	25.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	25.7	17.8	7.9	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):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8
0.0	2.5°	89.1	89.1	89.1	87.1	87.1	87.1	87.1	85.1	85.1	85.1
0.0	5°	81.1	81.1	79.2	79.2	77.2	77.2	75.2	75.2	73.2	73.2
0.0	7.5°	75.2	73.2	73.2	71.2	69.3	69.3	67.3	67.3	65.3	63.3
0.0	10°	69.3	67.3	67.3	65.3	63.3	61.3	61.3	59.4	57.4	55.4
0.0	12.5°	63.3	61.3	59.4	57.4	55.4	53.4	53.4	51.5	49.5	47.5
0.0	15°	55.4	53.4	51.5	49.5	47.5	45.5	45.5	43.5	41.6	39.6
0.0	17.5°	47.5	45.5	45.5	43.5	41.6	39.6	37.6	33.6	31.7	29.7
0.0	20°	35.6	33.6	31.7	29.7	27.7	23.7	21.8	17.8	13.9	11.9
0.0	22.5°	23.7	19.8	17.8	13.9	9.9	7.9	5.9	2.0	0.0	0.0
0.0	25°	7.9	5.9	4.0	2.0	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: P1049057

CATALOG NUMBER: GALN-SA8A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049057

CATALOG NUMBER: GALN-SA8A-750-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8
0.0	2.5°	83.1	83.1	83.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
0.0	5°	71.2	71.2	71.2	69.3	69.3	67.3	67.3	67.3	65.3	65.3
0.0	7.5°	61.3	59.4	59.4	57.4	57.4	55.4	55.4	55.4	53.4	53.4
0.0	10°	51.5	49.5	49.5	47.5	47.5	45.5	45.5	43.5	43.5	41.6
0.0	12.5°	45.5	43.5	41.6	39.6	39.6	37.6	35.6	35.6	33.6	31.7
0.0	15°	35.6	33.6	31.7	29.7	27.7	25.7	23.7	23.7	21.8	19.8
0.0	17.5°	23.7	19.8	17.8	15.8	15.8	13.9	11.9	9.9	7.9	5.9
0.0	20°	5.9	4.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049057

CATALOG NUMBER: GALN-SA8A-750-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°	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8
0.0	2.5°	81.1	79.2	79.2	79.2	81.1	81.1	81.1	81.1	81.1	81.1
0.0	5°	65.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
0.0	7.5°	53.4	51.5	51.5	51.5	51.5	49.5	49.5	49.5	49.5	49.5
0.0	10°	41.6	39.6	39.6	39.6	39.6	37.6	37.6	37.6	37.6	37.6
0.0	12.5°	29.7	29.7	27.7	27.7	27.7	25.7	25.7	25.7	25.7	23.7
0.0	15°	17.8	15.8	13.9	13.9	13.9	11.9	11.9	11.9	11.9	9.9
0.0	17.5°	4.0	4.0	2.0	2.0	2.0	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



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049057

CATALOG NUMBER: GALN-SA8A-750-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8
0.0	2.5°	83.1	83.1	85.1	85.1	87.1	91.0	93.0	95.0	98.9	102.9
0.0	5°	65.3	67.3	67.3	69.3	71.2	73.2	75.2	77.2	81.1	85.1
0.0	7.5°	51.5	51.5	53.4	53.4	55.4	59.4	61.3	63.3	67.3	73.2
0.0	10°	39.6	39.6	41.6	41.6	43.5	47.5	49.5	51.5	55.4	61.3
0.0	12.5°	25.7	27.7	27.7	29.7	31.7	35.6	37.6	39.6	43.5	47.5
0.0	15°	11.9	13.9	13.9	15.8	17.8	21.8	23.7	25.7	29.7	35.6
0.0	17.5°	2.0	2.0	4.0	4.0	5.9	7.9	9.9	11.9	17.8	21.8
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	7.9
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049057

CATALOG NUMBER: GALN-SA8A-750-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°	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8
0.0	2.5°	108.8	112.8	116.8	120.7	124.7	128.6	130.6	134.6	136.5	138.5
0.0	5°	93.0	97.0	102.9	106.9	110.8	114.8	118.7	120.7	122.7	124.7
0.0	7.5°	81.1	85.1	91.0	95.0	98.9	102.9	106.9	110.8	112.8	114.8
0.0	10°	69.3	75.2	79.2	85.1	89.1	93.0	97.0	100.9	104.9	106.9
0.0	12.5°	55.4	61.3	67.3	71.2	77.2	83.1	87.1	91.0	95.0	98.9
0.0	15°	43.5	49.5	55.4	59.4	65.3	71.2	77.2	81.1	85.1	89.1
0.0	17.5°	31.7	37.6	43.5	47.5	53.4	59.4	63.3	69.3	73.2	77.2
0.0	20°	15.8	21.8	27.7	33.6	39.6	45.5	49.5	55.4	59.4	63.3
0.0	22.5°	2.0	7.9	13.9	17.8	23.7	29.7	33.6	39.6	43.5	47.5
0.0	25°	0.0	2.0	5.9	7.9	9.9	13.9	17.8	21.8	25.7	29.7
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.0	4.0	7.9	11.9	15.8
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	4.0
	85°	0.0	0.0	0.0	0.0	0.0	4.0	5.9	9.9	11.9	13.9
	87.5°	0.0	2.0	4.0	5.9	7.9	11.9	15.8	19.8	21.8	23.7
	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: P1049057

CATALOG NUMBER: GALN-SA8A-750-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
114.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.9	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											
2.0											
7.9											
17.8											
25.7											
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REPORT NUMBER: P1049057

CATALOG NUMBER: GALN-SA8A-750-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8
0.0	2.5°	140.5	140.5	140.5	140.5	138.5	138.5	138.5	136.5	136.5	134.6
0.0	5°	128.6	130.6	130.6	130.6	130.6	130.6	130.6	130.6	128.6	128.6
0.0	7.5°	118.7	120.7	122.7	122.7	124.7	124.7	124.7	122.7	122.7	120.7
0.0	10°	112.8	114.8	114.8	116.8	116.8	116.8	116.8	116.8	116.8	116.8
0.0	12.5°	104.9	106.9	108.8	108.8	110.8	110.8	110.8	110.8	108.8	108.8
0.0	15°	95.0	98.9	100.9	102.9	102.9	104.9	104.9	104.9	104.9	104.9
0.0	17.5°	87.1	91.0	93.0	95.0	95.0	97.0	97.0	98.9	98.9	98.9
0.0	20°	71.2	75.2	77.2	81.1	83.1	85.1	87.1	89.1	89.1	91.0
0.0	22.5°	55.4	59.4	61.3	65.3	67.3	69.3	71.2	73.2	75.2	77.2
0.0	25°	39.6	43.5	45.5	49.5	51.5	53.4	55.4	57.4	57.4	59.4
0.0	27.5°	21.8	25.7	29.7	31.7	35.6	37.6	39.6	41.6	43.5	45.5
0.0	30°	9.9	11.9	13.9	17.8	19.8	21.8	23.7	27.7	29.7	31.7
0.0	32.5°	0.0	0.0	2.0	5.9	7.9	9.9	11.9	13.9	13.9	15.8
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.0	4.0	5.9	7.9
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°	4.0	4.0	4.0	5.9	5.9	5.9	5.9	5.9	5.9	5.9
	82.5°	9.9	11.9	13.9	13.9	15.8	15.8	15.8	15.8	13.9	13.9
	85°	19.8	21.8	23.7	23.7	25.7	25.7	25.7	25.7	25.7	25.7
	87.5°	27.7	29.7	31.7	31.7	33.6	33.6	33.6	33.6	33.6	33.6
	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: P1049057

CATALOG NUMBER: GALN-SA8A-750-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
114.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	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											
5.9											
13.9											
25.7											
33.6											
0.0											
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REPORT NUMBER: P1049057

CATALOG NUMBER: GALN-SA8A-750-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°	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8
0.0	2.5°	132.6	132.6	130.6	130.6	130.6	130.6	130.6	132.6	134.6	134.6
0.0	5°	126.7	126.7	124.7	124.7	124.7	126.7	126.7	128.6	130.6	132.6
0.0	7.5°	120.7	118.7	118.7	120.7	120.7	122.7	122.7	124.7	126.7	128.6
0.0	10°	116.8	114.8	114.8	114.8	116.8	116.8	118.7	120.7	122.7	124.7
0.0	12.5°	108.8	108.8	108.8	108.8	110.8	110.8	112.8	114.8	118.7	120.7
0.0	15°	104.9	102.9	102.9	102.9	102.9	104.9	104.9	108.8	112.8	114.8
0.0	17.5°	97.0	97.0	95.0	95.0	97.0	97.0	98.9	102.9	106.9	108.8
0.0	20°	89.1	87.1	85.1	85.1	87.1	87.1	89.1	93.0	97.0	98.9
0.0	22.5°	77.2	75.2	75.2	75.2	75.2	77.2	77.2	81.1	87.1	91.0
0.0	25°	61.3	63.3	63.3	65.3	65.3	67.3	69.3	73.2	79.2	83.1
0.0	27.5°	47.5	49.5	49.5	53.4	55.4	57.4	59.4	65.3	71.2	75.2
0.0	30°	35.6	37.6	39.6	41.6	45.5	49.5	53.4	59.4	65.3	69.3
0.0	32.5°	21.8	25.7	27.7	31.7	35.6	39.6	43.5	49.5	57.4	63.3
0.0	35°	15.8	17.8	21.8	23.7	27.7	31.7	35.6	43.5	49.5	57.4
0.0	37.5°	7.9	11.9	15.8	19.8	23.7	27.7	31.7	39.6	47.5	53.4
0.0	40°	5.9	9.9	11.9	15.8	21.8	25.7	29.7	37.6	45.5	53.4
0.0	42.5°	4.0	5.9	7.9	13.9	17.8	23.7	29.7	37.6	45.5	53.4
0.0	45°	4.0	4.0	5.9	11.9	17.8	25.7	31.7	39.6	45.5	53.4
0.0	47.5°	4.0	5.9	7.9	15.8	19.8	25.7	31.7	37.6	45.5	51.5
0.0	50°	5.9	7.9	9.9	17.8	21.8	27.7	31.7	39.6	45.5	53.4
0.0	52.5°	4.0	5.9	7.9	15.8	21.8	29.7	35.6	43.5	51.5	57.4
0.0	55°	2.0	2.0	2.0	11.9	23.7	33.6	45.5	51.5	59.4	65.3
0.0	57.5°	0.0	0.0	0.0	7.9	23.7	37.6	51.5	59.4	67.3	73.2
0.0	60°	0.0	0.0	0.0	7.9	23.7	37.6	51.5	61.3	71.2	81.1
0.0	62.5°	0.0	0.0	0.0	7.9	19.8	31.7	43.5	59.4	77.2	93.0
0.0	65°	0.0	0.0	0.0	5.9	15.8	25.7	35.6	59.4	83.1	104.9
0.0	67.5°	0.0	0.0	0.0	5.9	15.8	23.7	33.6	59.4	83.1	108.8
	70°	0.0	0.0	0.0	5.9	15.8	25.7	35.6	59.4	83.1	106.9
	72.5°	0.0	0.0	0.0	5.9	17.8	27.7	39.6	59.4	79.2	98.9
	75°	0.0	0.0	0.0	7.9	17.8	29.7	41.6	59.4	77.2	93.0
	77.5°	0.0	0.0	0.0	5.9	17.8	27.7	39.6	57.4	75.2	91.0
	80°	5.9	4.0	4.0	9.9	17.8	25.7	33.6	51.5	71.2	89.1
	82.5°	11.9	11.9	9.9	13.9	17.8	23.7	29.7	45.5	63.3	79.2
	85°	23.7	23.7	21.8	23.7	23.7	25.7	27.7	35.6	43.5	51.5
	87.5°	31.7	31.7	29.7	29.7	29.7	27.7	27.7	27.7	27.7	25.7
	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

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CATALOG NUMBER: GALN-SA8A-750-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
114.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.6											
118.7											
110.8											
108.8											
106.9											
95.0											
59.4											
25.7											
0.0											
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REPORT NUMBER: P1049057

CATALOG NUMBER: GALN-SA8A-750-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8
0.0	2.5°	138.5	140.5	140.5	142.5	144.5	146.4	146.4	148.4	148.4	148.4
0.0	5°	136.5	140.5	142.5	144.5	146.4	148.4	150.4	152.4	154.4	154.4
0.0	7.5°	134.6	136.5	140.5	142.5	146.4	148.4	152.4	154.4	156.3	158.3
0.0	10°	130.6	134.6	138.5	142.5	146.4	150.4	154.4	158.3	162.3	164.3
0.0	12.5°	126.7	132.6	136.5	140.5	146.4	152.4	156.3	162.3	166.2	170.2
0.0	15°	124.7	128.6	134.6	138.5	146.4	154.4	160.3	168.2	176.1	182.1
0.0	17.5°	118.7	126.7	132.6	138.5	146.4	156.3	164.3	172.2	184.0	195.9
0.0	20°	110.8	116.8	124.7	130.6	142.5	152.4	164.3	174.1	192.0	209.8
0.0	22.5°	102.9	110.8	116.8	124.7	138.5	150.4	164.3	176.1	205.8	233.5
0.0	25°	95.0	104.9	112.8	120.7	136.5	152.4	168.2	184.0	233.5	283.0
0.0	27.5°	91.0	98.9	108.8	116.8	136.5	158.3	178.1	197.9	277.1	354.2
0.0	30°	85.1	95.0	102.9	112.8	138.5	164.3	190.0	215.7	336.4	457.1
0.0	32.5°	79.2	89.1	98.9	108.8	142.5	176.1	207.8	241.4	399.8	556.1
0.0	35°	73.2	85.1	95.0	104.9	148.4	193.9	237.5	281.0	457.1	631.3
0.0	37.5°	71.2	83.1	93.0	102.9	150.4	195.9	243.4	288.9	463.1	637.2
0.0	40°	73.2	83.1	95.0	104.9	144.5	184.0	221.6	261.2	443.3	623.4
0.0	42.5°	73.2	85.1	97.0	108.8	140.5	172.2	203.8	235.5	437.4	639.2
0.0	45°	71.2	83.1	95.0	106.9	136.5	164.3	193.9	221.6	473.0	722.3
0.0	47.5°	69.3	81.1	93.0	104.9	134.6	164.3	193.9	223.6	611.5	997.4
0.0	50°	69.3	81.1	91.0	100.9	136.5	174.1	209.8	245.4	890.5	1533.7
0.0	52.5°	73.2	83.1	91.0	98.9	140.5	184.0	225.6	267.2	1132.0	1994.8
0.0	55°	79.2	85.1	93.0	98.9	150.4	199.9	251.3	300.8	1205.2	2109.6
0.0	57.5°	87.1	93.0	98.9	104.9	168.2	231.5	292.9	356.2	1211.1	2064.1
0.0	60°	97.0	104.9	110.8	116.8	184.0	253.3	320.6	387.9	1096.3	1802.8
0.0	62.5°	118.7	128.6	136.5	146.4	211.7	275.1	340.4	403.7	910.3	1416.9
0.0	65°	136.5	144.5	152.4	160.3	223.6	288.9	352.3	415.6	771.8	1128.0
0.0	67.5°	140.5	148.4	154.4	162.3	227.6	292.9	356.2	421.5	661.0	898.5
	70°	142.5	152.4	164.3	174.1	241.4	308.7	374.0	441.3	585.8	730.2
	72.5°	136.5	156.3	174.1	192.0	255.3	316.6	380.0	441.3	544.2	647.1
	75°	136.5	164.3	190.0	215.7	263.2	308.7	356.2	401.7	480.9	560.0
	77.5°	144.5	180.1	215.7	251.3	279.0	304.8	332.5	358.2	409.6	461.1
	80°	144.5	182.1	217.7	255.3	267.2	281.0	292.9	304.8	310.7	316.6
	82.5°	124.7	154.4	184.0	213.7	199.9	186.0	172.2	158.3	148.4	136.5
	85°	63.3	69.3	73.2	77.2	71.2	65.3	59.4	53.4	49.5	43.5
	87.5°	25.7	25.7	23.7	23.7	23.7	23.7	21.8	21.8	21.8	21.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049057

CATALOG NUMBER: GALN-SA8A-750-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
114.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154.4	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
168.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
192.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
211.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
243.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
310.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
421.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
585.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
793.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
991.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1126.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1227.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1327.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1525.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1921.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2928.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4486.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5648.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5776.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5212.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4456.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3483.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2632.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1943.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1375.4											
1023.1											
744.1											
560.0											
314.7											
142.5											
41.6											
19.8											
0.0											
0.0											
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REPORT NUMBER: P1049057

CATALOG NUMBER: GALN-SA8A-750-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°	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8
0.0	2.5°	148.4	146.4	146.4	144.5	142.5	140.5	138.5	136.5	134.6	132.6
0.0	5°	154.4	154.4	154.4	152.4	152.4	150.4	150.4	148.4	146.4	144.5
0.0	7.5°	160.3	162.3	162.3	164.3	164.3	164.3	164.3	162.3	162.3	162.3
0.0	10°	170.2	172.2	174.1	176.1	178.1	180.1	180.1	182.1	182.1	182.1
0.0	12.5°	182.1	188.0	192.0	197.9	201.9	207.8	211.7	217.7	221.6	225.6
0.0	15°	199.9	209.8	221.6	231.5	241.4	255.3	271.1	285.0	298.8	320.6
0.0	17.5°	225.6	257.3	288.9	318.6	350.3	419.5	488.8	556.1	625.4	726.3
0.0	20°	275.1	370.1	463.1	558.1	651.1	894.5	1135.9	1379.3	1620.8	1880.0
0.0	22.5°	385.9	619.4	852.9	1086.5	1320.0	1828.6	2335.2	2843.8	3350.4	3946.1
0.0	25°	560.0	989.5	1418.9	1846.4	2275.8	3071.4	3868.9	4664.4	5460.0	6233.8
0.0	27.5°	815.3	1472.4	2129.4	2784.4	3441.4	4520.0	5600.5	6679.0	7757.6	8632.3
0.0	30°	1130.0	2020.5	2911.1	3801.6	4692.1	5919.1	7146.1	8371.0	9598.0	10553.8
0.0	32.5°	1426.8	2517.2	3607.7	4696.1	5786.5	7183.7	8582.8	9979.9	11377.1	12422.0
0.0	35°	1620.8	2938.8	4258.7	5576.7	6894.7	8406.7	9918.6	11428.6	12940.5	14133.8
0.0	37.5°	1814.7	3336.5	4856.4	6378.2	7898.1	9558.4	11218.8	12879.1	14539.5	16013.8
0.0	40°	2032.4	3817.4	5600.5	7385.5	9168.6	11135.7	13100.8	15067.9	17033.0	19112.9
0.0	42.5°	2410.4	4615.0	6821.5	9026.1	11230.7	13833.0	16435.3	19035.7	21638.1	24606.5
0.0	45°	3120.8	6227.8	9336.8	12443.8	15550.7	18998.1	22447.5	25894.8	29342.2	33292.2
0.0	47.5°	4860.3	9134.9	13407.5	17682.1	21954.7	25677.1	29397.6	33120.0	36840.5	40774.7
0.0	50°	7437.0	12412.1	17387.2	22360.4	27335.5	30703.7	34069.9	37438.1	40804.4	44546.6
0.0	52.5°	9301.2	14484.1	19669.0	24851.9	30034.8	33074.5	36116.2	39155.9	42195.6	45692.4
0.0	55°	9441.7	14594.9	19750.1	24903.4	30056.6	33110.1	36163.7	39217.2	42270.8	45977.4
0.0	57.5°	8359.2	13470.8	18580.5	23692.2	28801.9	32279.0	35754.0	39231.1	42706.2	46713.6
0.0	60°	7110.4	12224.1	17335.8	22449.4	27561.1	31566.5	35574.0	39579.4	43584.8	47338.9
0.0	62.5°	5547.1	10807.2	16069.2	21329.3	26589.4	30656.2	34723.0	38787.8	42854.6	45670.7
0.0	65°	4134.1	9241.8	14349.5	19455.3	24563.0	27820.4	31077.7	34333.1	37590.5	39334.0
0.0	67.5°	2988.2	7393.4	11796.6	16201.8	20605.0	22936.3	25267.5	27596.7	29928.0	31261.8
	70°	2020.5	5072.1	8121.7	11173.3	14222.9	16138.5	18056.1	19971.8	21887.4	23688.3
	72.5°	1399.1	3112.9	4828.7	6542.5	8256.3	10183.8	12109.3	14036.8	15962.4	17868.1
	75°	928.1	1707.9	2489.5	3269.3	4049.0	5475.8	6904.6	8331.5	9758.3	10894.2
	77.5°	659.0	892.5	1128.0	1361.5	1595.0	1862.2	2131.4	2398.5	2665.7	3071.4
	80°	312.7	342.4	372.0	399.8	429.4	526.4	623.4	720.3	817.3	920.2
	82.5°	148.4	160.3	172.2	182.1	193.9	203.8	213.7	223.6	233.5	223.6
	85°	39.6	39.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	39.6
	87.5°	17.8	17.8	17.8	17.8	17.8	17.8	17.8	15.8	15.8	13.9
	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

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CATALOG NUMBER: GALN-SA8A-750-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
114.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5	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
184.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
227.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
344.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
825.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2141.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4541.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7007.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9507.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11511.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13468.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15327.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17490.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21192.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27575.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37242.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44708.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48288.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49189.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49686.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50721.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51091.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48488.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41079.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32597.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25487.2											
19773.9											
12030.2											
3477.0											
1023.1											
211.7											
37.6											
13.9											
0.0											
0.0											
0.0											
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0.0											

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CATALOG NUMBER: GALN-SA8A-750-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8
0.0	2.5°	128.6	126.7	124.7	122.7	120.7	116.8	116.8	114.8	114.8
0.0	5°	140.5	138.5	136.5	134.6	134.6	132.6	130.6	130.6	128.6
0.0	7.5°	160.3	158.3	156.3	154.4	154.4	152.4	152.4	150.4	150.4
0.0	10°	184.0	184.0	184.0	184.0	184.0	182.1	182.1	182.1	180.1
0.0	12.5°	231.5	233.5	237.5	241.4	247.4	247.4	247.4	245.4	245.4
0.0	15°	366.1	387.9	403.7	419.5	433.4	465.1	461.1	455.2	451.2
0.0	17.5°	926.2	1025.1	1078.5	1130.0	1183.4	1329.9	1306.1	1282.4	1260.6
0.0	20°	2400.5	2659.7	2831.9	3004.1	3178.2	3453.3	3386.0	3318.7	3251.4
0.0	22.5°	5135.4	5731.1	5990.3	6249.6	6506.9	6839.3	6623.6	6407.9	6194.2
0.0	25°	7779.3	8553.1	8990.5	9427.8	9863.2	10053.2	9772.2	9489.2	9208.1
0.0	27.5°	10381.7	11256.4	11642.3	12026.2	12412.1	12809.9	12461.6	12111.3	11763.0
0.0	30°	12467.5	13423.4	13840.9	14256.5	14674.1	14951.1	14590.9	14228.8	13868.6
0.0	32.5°	14513.8	15558.7	16015.8	16472.9	16928.1	17325.9	16882.6	16437.3	15994.0
0.0	35°	16518.5	17711.8	18341.1	18970.4	19599.7	19969.8	19443.4	18915.0	18388.6
0.0	37.5°	18964.5	20438.8	21143.3	21847.8	22552.3	23227.2	22647.3	22065.5	21485.7
0.0	40°	23272.7	25352.6	26433.1	27515.6	28596.1	29466.9	28734.6	28002.4	27270.2
0.0	42.5°	30543.4	33511.9	35065.4	36616.9	38170.4	39529.9	38760.1	37990.3	37220.5
0.0	45°	41192.3	45142.3	47036.2	48928.0	50821.9	51815.4	50707.1	49596.9	48488.7
0.0	47.5°	48641.1	52575.3	54261.4	55947.5	57633.5	58767.5	57411.9	56056.3	54702.7
0.0	50°	52029.1	55771.3	57463.3	59153.4	60845.4	61745.8	60180.5	58613.1	57047.8
0.0	52.5°	52684.1	56181.0	58199.5	60220.0	62238.6	63441.8	61593.5	59743.1	57894.8
0.0	55°	53392.6	57099.2	59440.3	61783.4	64124.6	65790.8	63701.1	61609.3	59519.5
0.0	57.5°	54726.4	58733.8	61069.0	63402.2	65737.4	67152.4	65056.7	62958.9	60863.2
0.0	60°	54845.2	58597.3	60604.0	62612.6	64619.3	65509.8	63505.1	61498.5	59493.8
0.0	62.5°	51304.8	54120.9	55514.1	56907.3	58300.4	59268.2	57176.4	55082.6	52990.9
0.0	65°	42822.9	44566.4	45676.6	46786.8	47897.0	49050.7	47135.1	45219.5	43303.8
0.0	67.5°	33931.4	35265.2	36727.7	38190.2	39652.6	40885.5	39351.8	37816.1	36282.4
	70°	27288.0	29086.9	30731.4	32375.9	34020.5	35029.7	33490.1	31948.5	30408.8
	72.5°	21679.6	23585.4	24958.8	26330.2	27703.6	27951.0	26819.0	25687.0	24557.0
	75°	13164.1	14300.0	14327.7	14353.5	14381.2	14616.7	13678.6	12740.6	11804.6
	77.5°	3882.7	4288.4	4622.9	4955.3	5289.8	5693.5	5349.2	5002.8	4658.5
	80°	1124.1	1227.0	1314.0	1399.1	1486.2	1434.8	1353.6	1272.5	1191.3
	82.5°	201.9	190.0	188.0	186.0	186.0	176.1	160.3	144.5	128.6
	85°	35.6	33.6	31.7	29.7	27.7	25.7	21.8	19.8	15.8
	87.5°	11.9	9.9	7.9	5.9	5.9	2.0	2.0	2.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA8A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049057

CATALOG NUMBER: GALN-SA8A-750-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°	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8
0.0	0.0	2.5°	112.8	110.8	110.8	110.8	110.8	108.8	108.8	108.8	108.8
0.0	0.0	5°	124.7	124.7	122.7	122.7	120.7	120.7	118.7	118.7	116.8
0.0	0.0	7.5°	146.4	144.5	142.5	140.5	138.5	134.6	132.6	130.6	130.6
0.0	0.0	10°	176.1	172.2	170.2	166.2	164.3	160.3	156.3	152.4	148.4
0.0	0.0	12.5°	231.5	223.6	217.7	209.8	201.9	195.9	188.0	182.1	174.1
0.0	0.0	15°	401.7	381.9	360.2	334.4	306.7	281.0	253.3	237.5	219.7
0.0	0.0	17.5°	1027.1	924.2	819.3	734.2	649.1	566.0	480.9	419.5	358.2
0.0	0.0	20°	2614.2	2329.2	2044.3	1763.3	1480.3	1199.3	916.3	773.8	631.3
0.0	0.0	22.5°	4919.7	4391.3	3861.0	3348.4	2833.9	2321.3	1808.8	1486.2	1165.6
0.0	0.0	25°	7593.3	6928.4	6263.4	5420.4	4575.4	3732.3	2889.3	2364.9	1840.4
0.0	0.0	27.5°	9881.0	9115.1	8349.3	7324.2	6299.1	5274.0	4248.8	3467.2	2687.4
0.0	0.0	30°	11861.9	11038.7	10215.4	9022.1	7828.8	6635.5	5442.2	4464.6	3486.9
0.0	0.0	32.5°	13579.7	12594.2	11608.6	10377.7	9146.8	7915.9	6685.0	5485.7	4286.4
0.0	0.0	35°	15560.6	14410.9	13259.1	11893.6	10526.1	9160.7	7795.2	6441.5	5086.0
0.0	0.0	37.5°	18077.9	16666.9	15253.9	13732.1	12210.2	10690.4	9168.6	7621.0	6073.5
0.0	0.0	40°	22896.7	21076.0	19255.4	17321.9	15386.5	13453.0	11519.6	9619.8	7720.0
0.0	0.0	42.5°	31530.9	29071.1	26611.2	24038.5	21463.9	18891.2	16316.6	13637.1	10955.6
0.0	0.0	45°	41275.4	38223.8	35170.3	32282.9	29393.6	26506.3	23619.0	19942.1	16265.2
0.0	0.0	47.5°	46755.1	43460.2	40165.2	37432.2	34699.3	31966.3	29233.3	25269.5	21305.6
0.0	0.0	50°	48771.7	45417.4	42063.0	39547.7	37030.5	34515.2	31998.0	28028.1	24056.4
0.0	0.0	52.5°	49201.1	45779.5	42357.9	39826.8	37295.7	34766.5	32235.4	28291.4	24347.3
0.0	0.0	55°	50083.8	46412.8	42739.8	39854.5	36969.1	34083.8	31198.5	27191.0	23183.6
0.0	0.0	57.5°	51237.5	47473.5	43709.5	40422.4	37135.4	33850.3	30563.2	26181.8	21800.3
0.0	0.0	60°	50934.7	47659.5	44382.4	40861.8	37339.2	33818.6	30296.0	25477.3	20656.5
0.0	0.0	62.5°	45678.6	43070.3	40460.0	37564.8	34667.6	31772.4	28877.1	23915.8	18954.6
0.0	0.0	65°	37578.7	35674.9	33771.1	31441.9	29110.6	26781.4	24452.1	20003.4	15556.7
0.0	0.0	67.5°	30456.3	28311.1	26164.0	24307.7	22449.4	20593.2	18734.9	15234.1	11733.3
		70°	24196.9	21863.7	19528.5	17715.7	15901.0	14088.3	12275.5	9948.3	7623.0
		72.5°	19215.8	17112.2	15008.5	13075.1	11139.6	9206.2	7270.7	5895.4	4520.0
		75°	9184.4	8343.3	7502.3	6491.0	5479.8	4468.5	3457.3	2857.6	2260.0
		77.5°	3403.8	2950.6	2495.5	2083.9	1672.2	1262.6	851.0	779.7	708.5
		80°	880.6	767.8	653.1	571.9	488.8	407.7	326.5	294.9	265.2
		82.5°	100.9	93.0	87.1	83.1	77.2	73.2	67.3	61.3	55.4
		85°	5.9	4.0	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
		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-SA8A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049057

CATALOG NUMBER: GALN-SA8A-750-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	114.8	114.8
0.0	0.0	2.5°	106.9	104.9
0.0	0.0	5°	112.8	110.8
0.0	0.0	7.5°	124.7	120.7
0.0	0.0	10°	136.5	132.6
0.0	0.0	12.5°	154.4	148.4
0.0	0.0	15°	174.1	162.3
0.0	0.0	17.5°	207.8	182.1
0.0	0.0	20°	281.0	215.7
0.0	0.0	22.5°	395.8	269.1
0.0	0.0	25°	581.8	372.0
0.0	0.0	27.5°	809.4	494.7
0.0	0.0	30°	1076.6	619.4
0.0	0.0	32.5°	1312.1	738.2
0.0	0.0	35°	1618.8	858.9
0.0	0.0	37.5°	1996.8	1013.2
0.0	0.0	40°	2582.6	1246.8
0.0	0.0	42.5°	3637.3	1678.2
0.0	0.0	45°	5907.2	2901.2
0.0	0.0	47.5°	9089.4	4799.0
0.0	0.0	50°	11119.8	6124.9
0.0	0.0	52.5°	11286.1	6115.0
0.0	0.0	55°	10302.5	5436.2
0.0	0.0	57.5°	8790.6	4543.7
0.0	0.0	60°	7306.4	3593.8
0.0	0.0	62.5°	5756.8	2481.6
0.0	0.0	65°	4207.3	1755.3
0.0	0.0	67.5°	3021.9	1312.1
		70°	1986.9	1005.3
		72.5°	1294.2	819.3
		75°	870.7	678.8
		77.5°	508.6	451.2
		80°	180.1	158.3
		82.5°	33.6	23.7
		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: P1049057

CATALOG NUMBER: GALN-SA8A-750-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: SP1-2407-184-6

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-750-U-5WQ

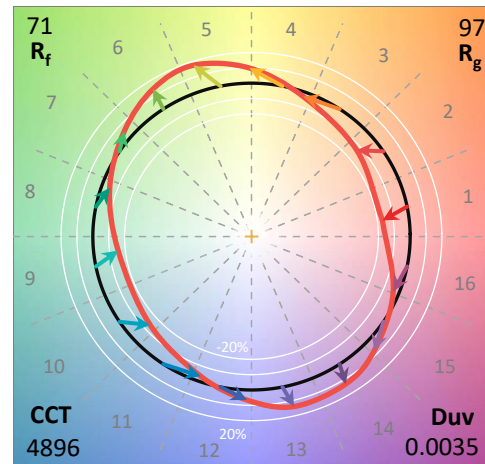
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-6
 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-750-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4896	CRI (Ra):	70.2		
CIE u':	0.2101	R1:	68.1	R9:	-35.1
CIE v':	0.4901	R2:	73.9	R10:	39.3
Duv:	0.0035	R3:	79.4	R11:	71.1
CIE x:	0.3489	R4:	72.1	R12:	43.8
CIE y:	0.3618	R5:	69.2	R13:	68.1
CIE z:	0.2893	R6:	65.7	R14:	88.4
Peak Wavelength (nm):	443	R7:	78.1	R15:	59.7
Dominant Wavelength (nm):	570	R8:	55.3		
Purity:	13.25435				
Rf:	70.7				
Rg:	96.8				



Test Conditions

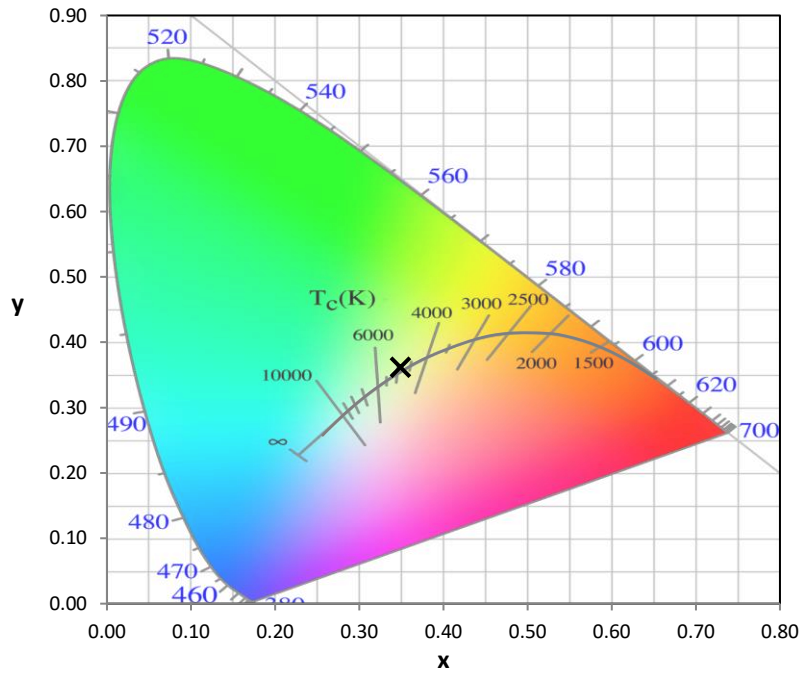
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-6

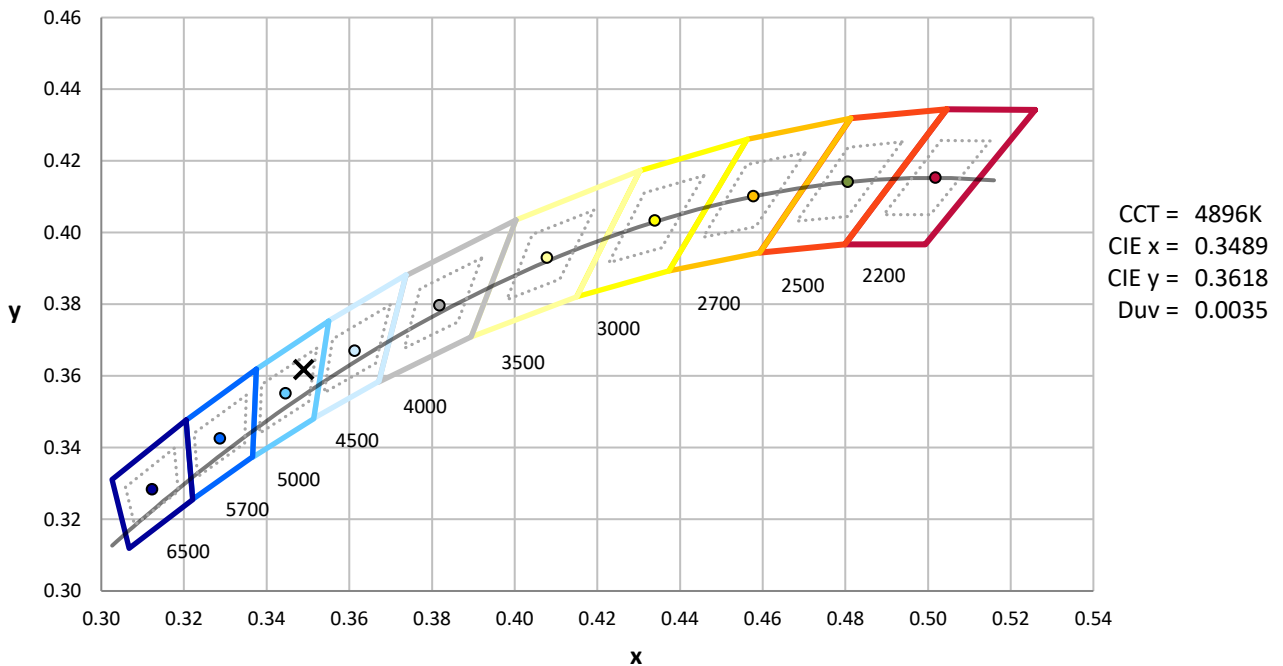
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-6

CIE 1931 Chromaticity Diagram



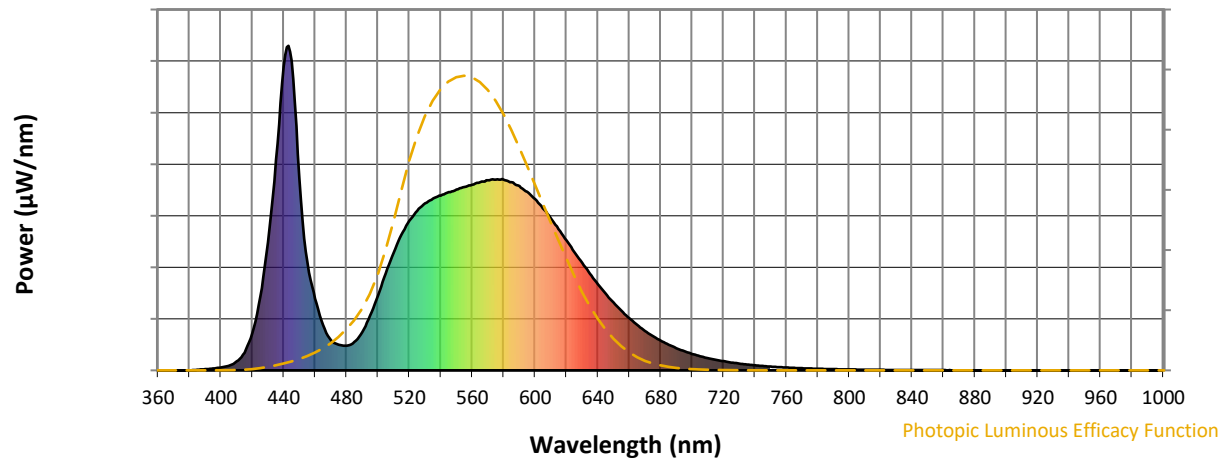
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-6

Photopic Flux vs. Wavelength

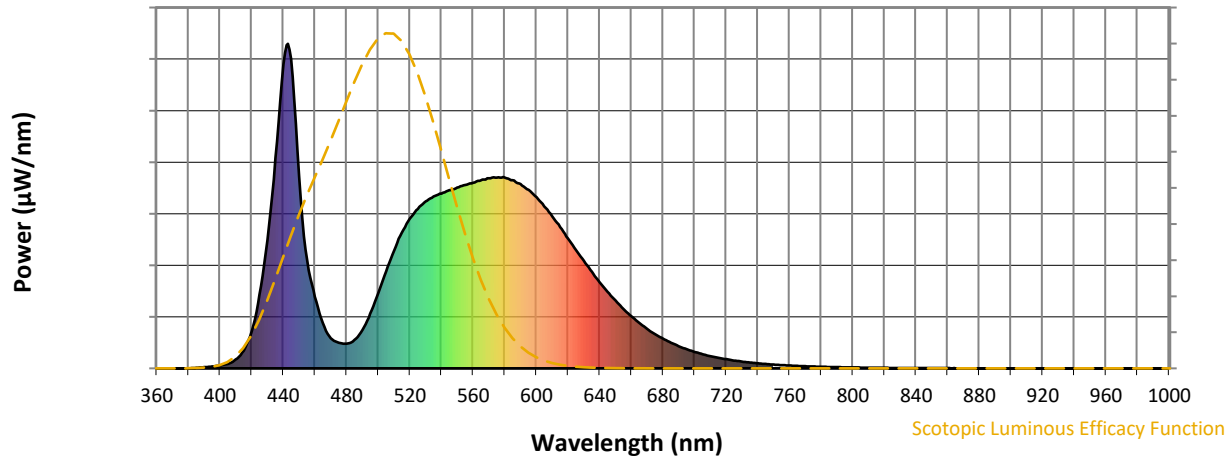


Photopic Lumens: NR

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-6

Scotopic Flux vs. Wavelength



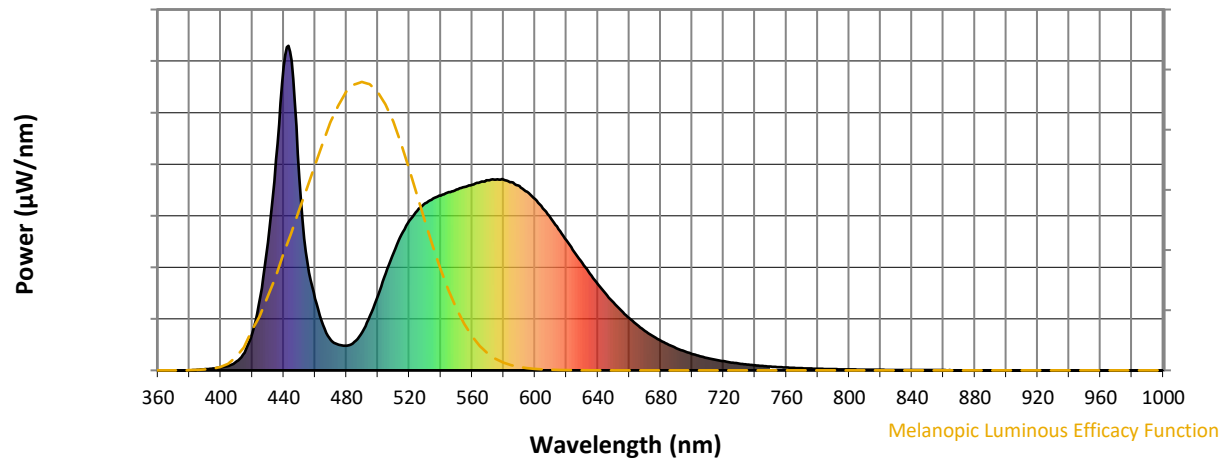
Scotopic Lumens: NR

S/P: 1.7

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.37

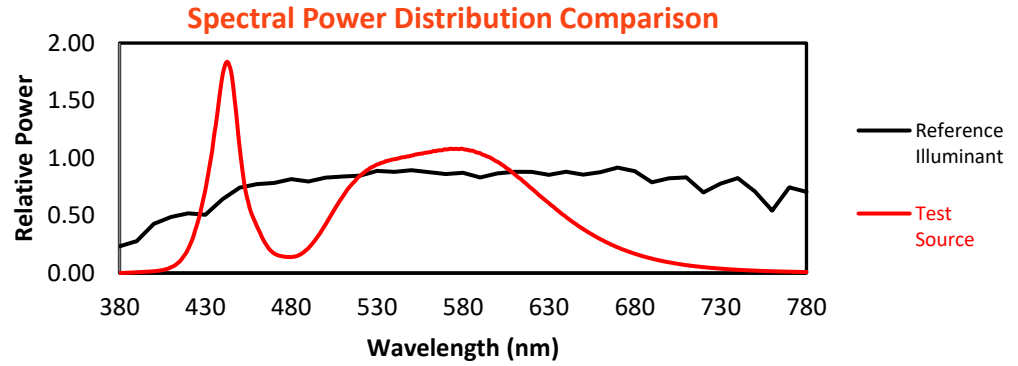
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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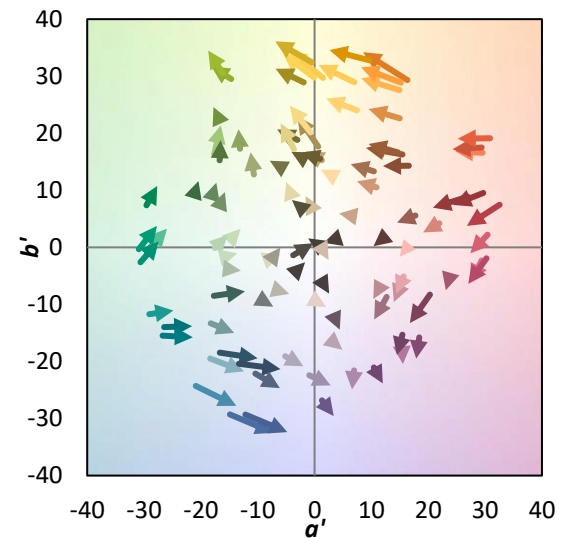
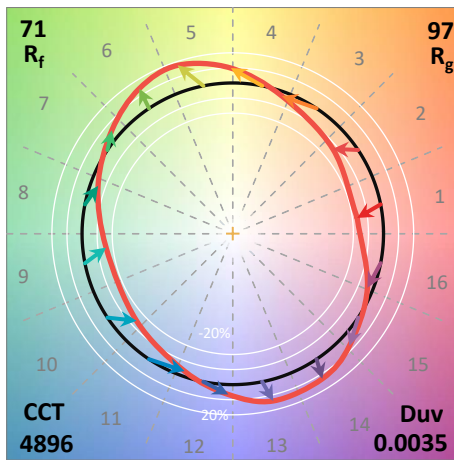
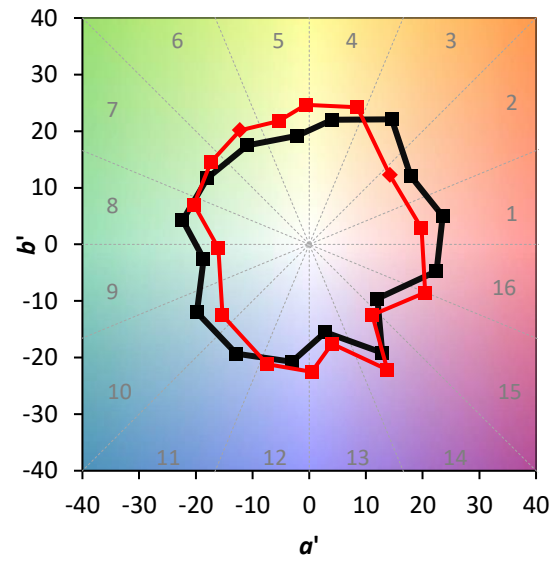
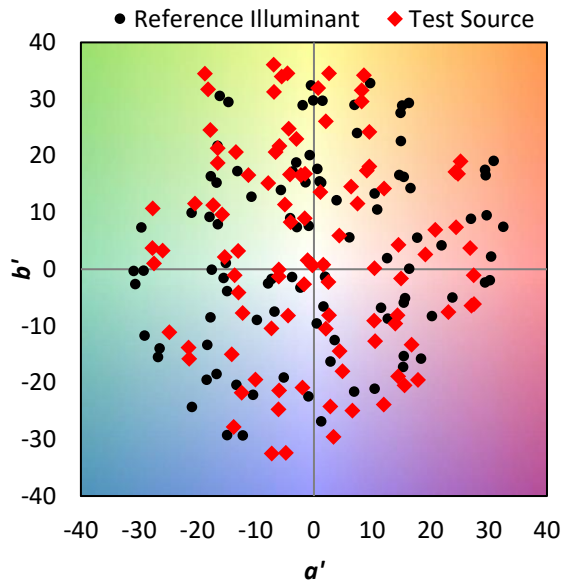
TM-30-18

Summary

$R_f = 70.7$
 $R_g = 96.8$
 $CIE R_a = 70.2$
 $R_g = -35.1$

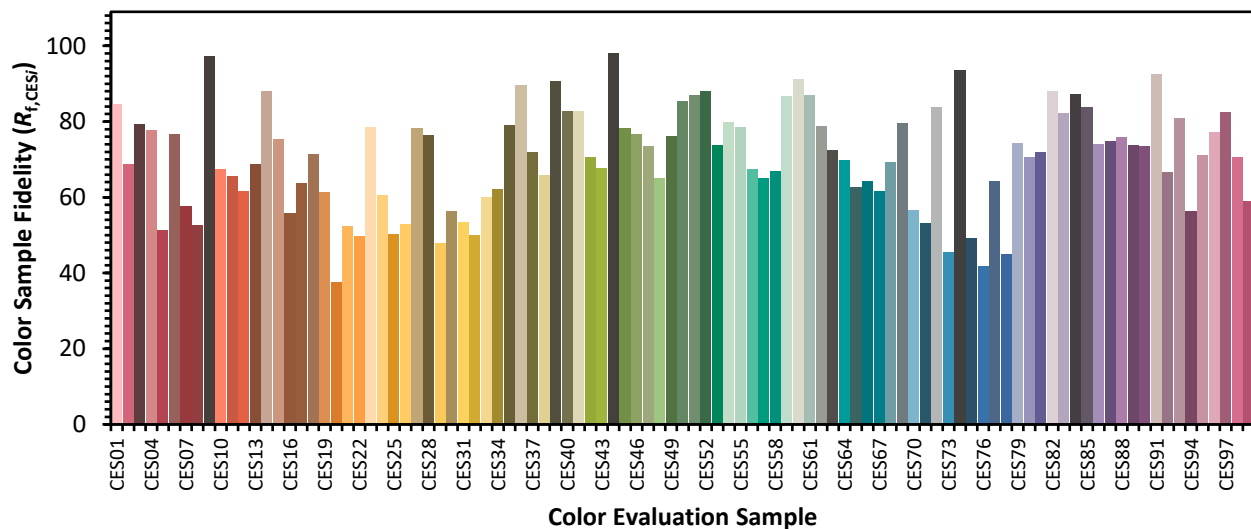


Color Vector Graphics

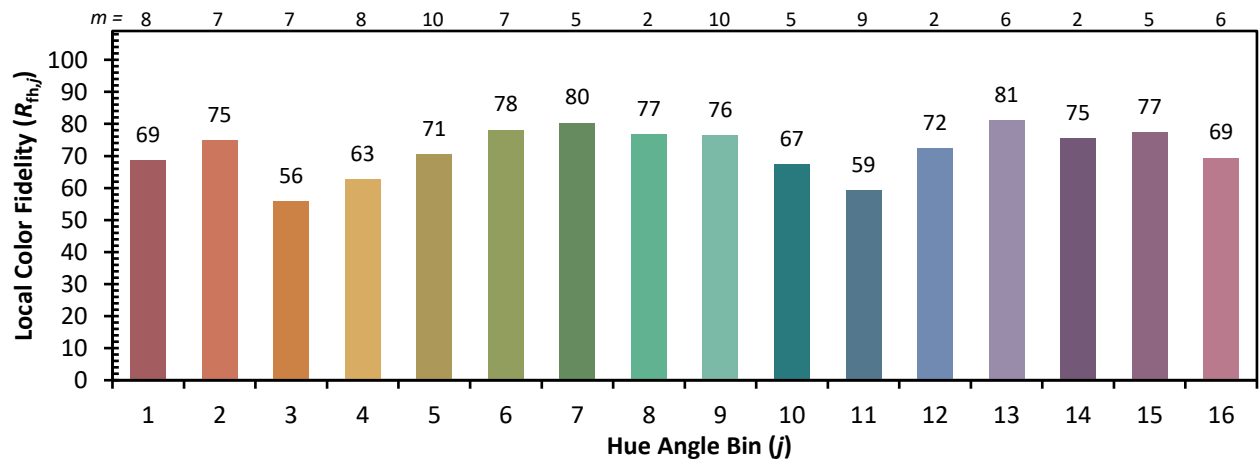
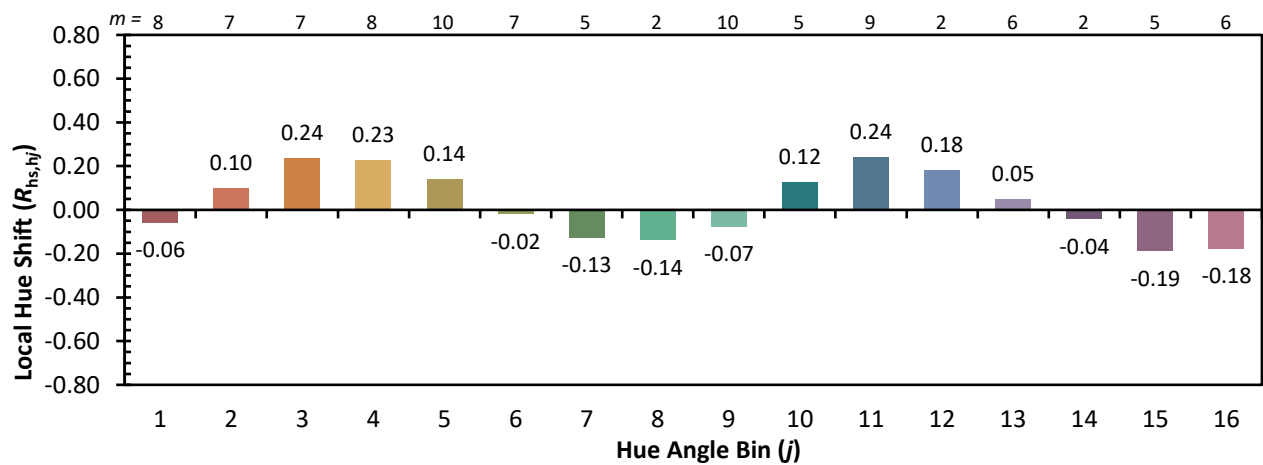
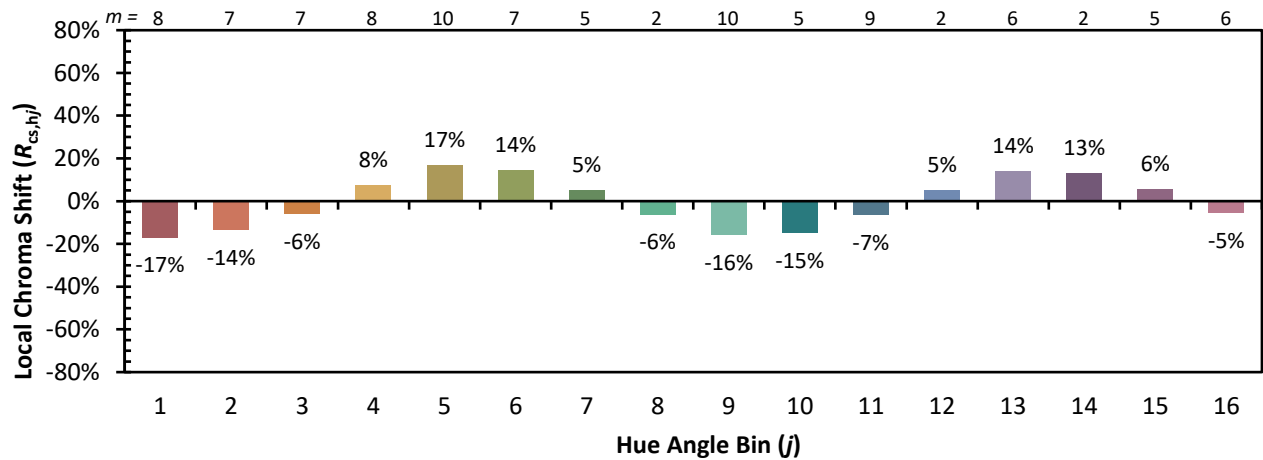


Individual Sample Fidelity Index ($R_{f,i}$)

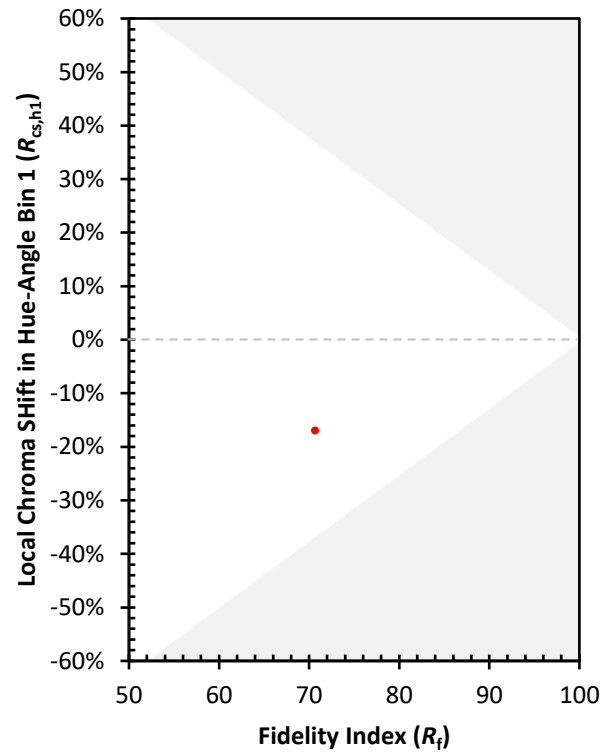
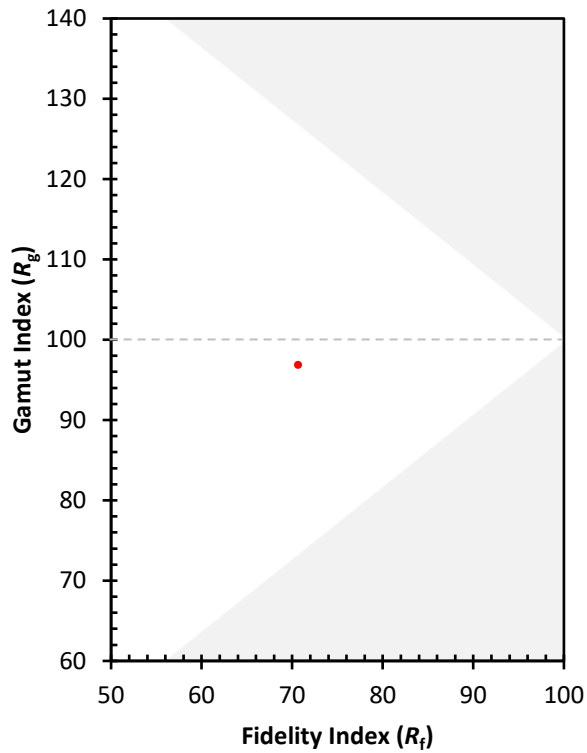
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 88
CES08 = 38	CES33 = 60	CES58 = 67	CES83 = 82
CES09 = 29	CES34 = 62	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 79	CES60 = 91	CES85 = 84
CES11 = 56	CES36 = 90	CES61 = 87	CES86 = 74
CES12 = 61	CES37 = 72	CES62 = 79	CES87 = 75
CES13 = 41	CES38 = 66	CES63 = 72	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 70	CES89 = 74
CES15 = 70	CES40 = 83	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 83	CES66 = 64	CES91 = 92
CES17 = 49	CES42 = 70	CES67 = 62	CES92 = 67
CES18 = 55	CES43 = 68	CES68 = 69	CES93 = 81
CES19 = 71	CES44 = 98	CES69 = 80	CES94 = 56
CES20 = 64	CES45 = 78	CES70 = 56	CES95 = 71
CES21 = 85	CES46 = 77	CES71 = 53	CES96 = 77
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 46	CES98 = 71
CES24 = 90	CES49 = 76	CES74 = 94	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)