

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: P1049229

Luminaire Tested: **GALN-SA6A-840-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049229
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6A-840-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 6xLight Square PACKAGE
80CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (84) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17716.8 lumens
Efficiency: N/A
Efficacy: 108.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 162.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

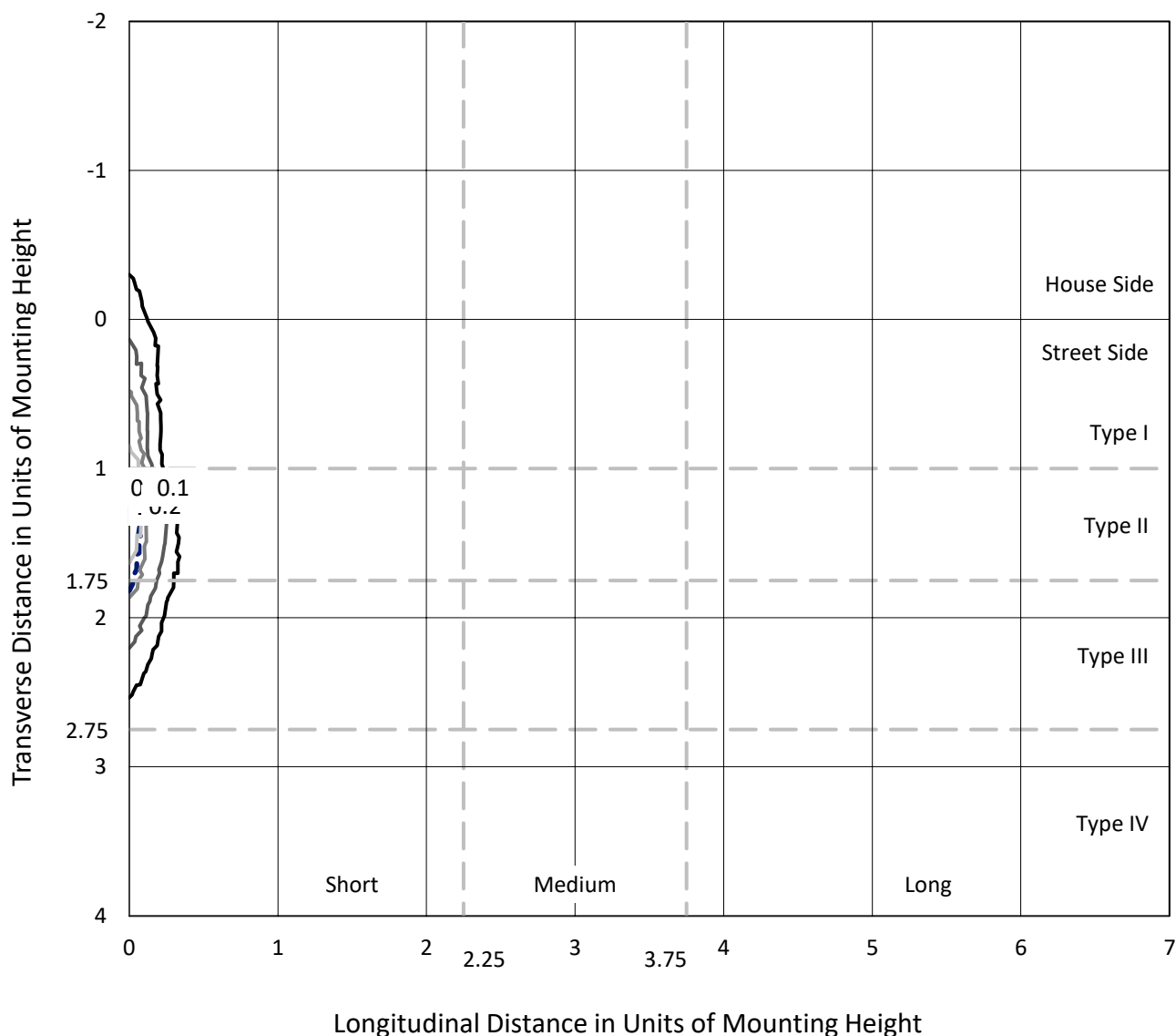
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



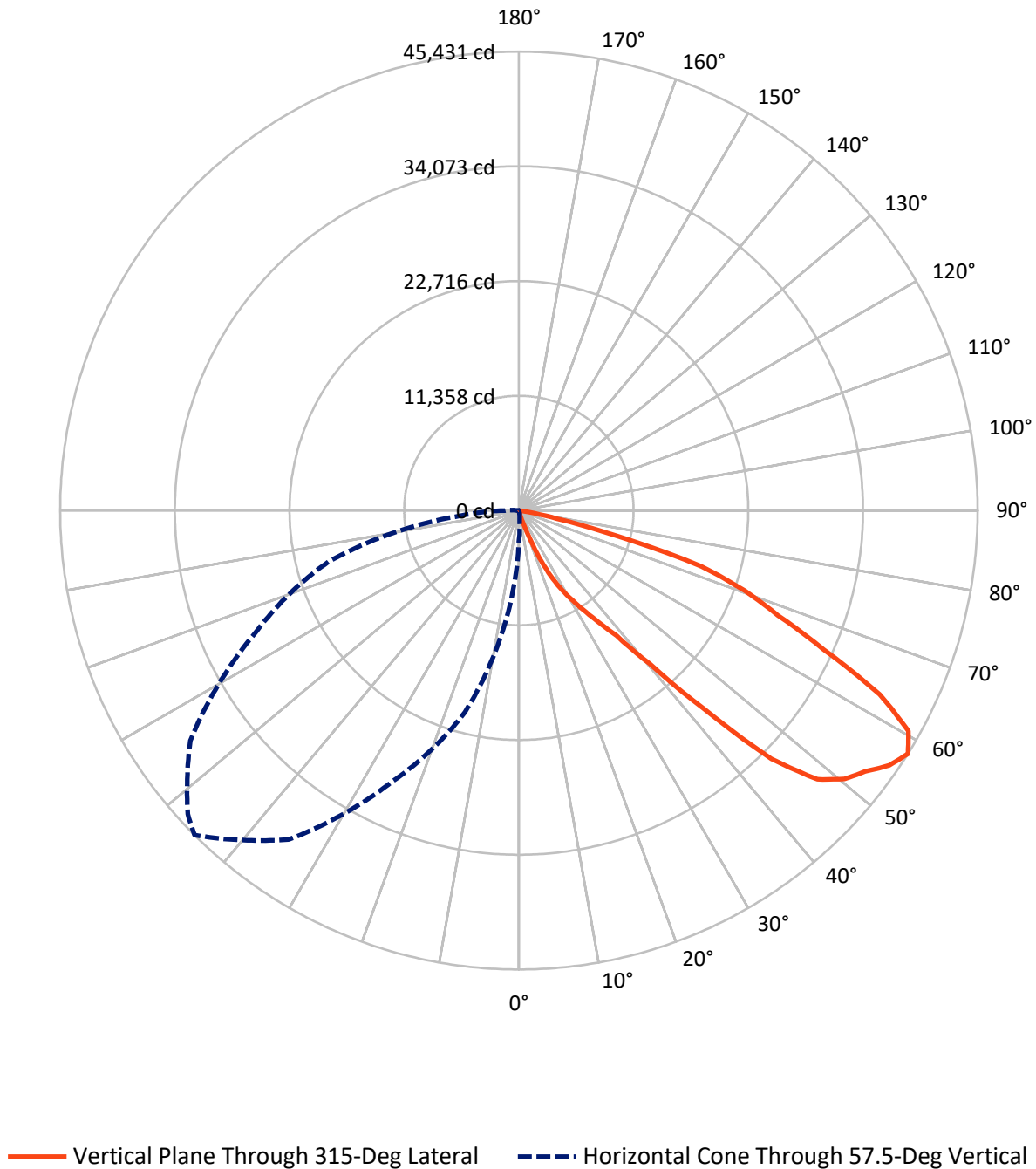
Based on 20 foot mounting height. Maximum calculated value = 2.6 fc

Type III - Short - N/A

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Luminous Intensity Polar Plot



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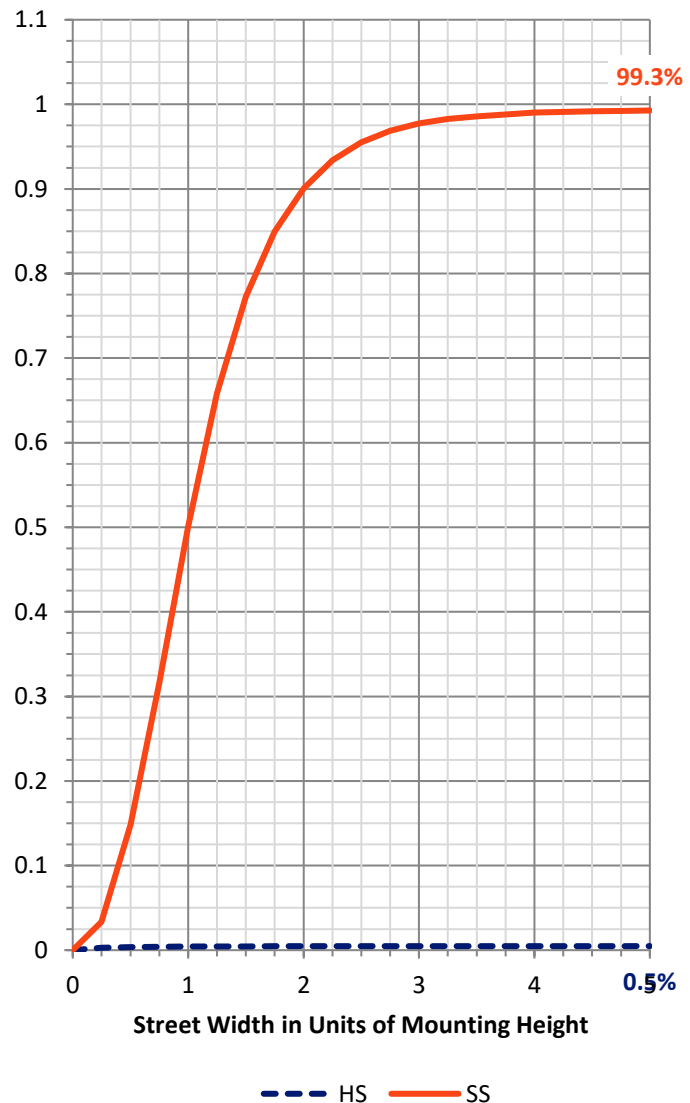
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	88.7	0.0	88.7
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	17628.1	0.0	17628.1
	% Fixture	99.5	0.0	99.5
Total	Lumens	17716.8	0.0	17716.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.9	0.0
10°-20°	38.9	0.2
20°-30°	419.9	2.4
30°-40°	1241.6	7.0
40°-50°	3700.3	20.9
50°-60°	5867.4	33.1
60°-70°	4897.9	27.6
70°-80°	1510.3	8.5
80°-90°	33.6	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°	17716.8	100.0
0°-180°	17716.8	100.0

Coefficient of Utilization



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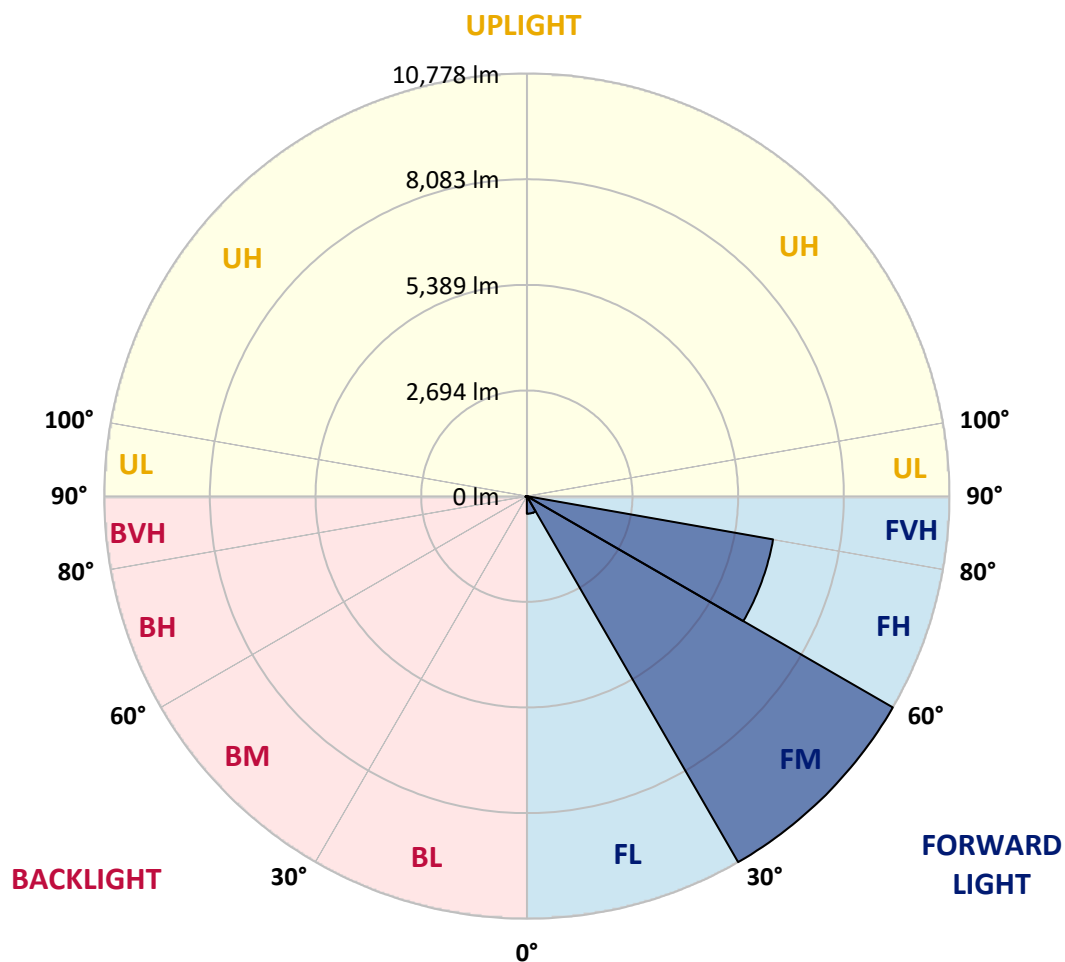
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	449.4	2.5			
FM	(30°-60°)	10777.6	60.8			
FH	(60°-80°)	6375.1	36.0			G3/7500
FVH	(80°-90°)	26.0	0.1			G1/100
BL	(0°-30°)	16.3	0.1	B0/110		
BM	(30°-60°)	31.7	0.2	B0/220		
BH	(60°-80°)	33.1	0.2	B0/110		G0/110
BVH	(80°-90°)	7.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
2.5°	71.0	71.0	71.0	71.0	69.6	69.6	68.3	68.3	66.9	66.9
5°	75.0	75.0	73.6	72.3	72.3	71.0	69.6	68.3	68.3	66.9
7.5°	81.7	80.3	79.0	77.7	75.0	73.6	71.0	69.6	68.3	65.6
10°	89.7	87.0	84.3	81.7	79.0	76.3	73.6	72.3	69.6	68.3
12.5°	100.4	96.4	91.0	87.0	84.3	80.3	77.7	75.0	71.0	68.3
15°	109.8	104.4	97.7	92.4	88.4	83.0	79.0	75.0	72.3	68.3
17.5°	123.2	113.8	103.1	96.4	91.0	84.3	77.7	73.6	69.6	64.3
20°	145.9	127.2	107.1	99.1	91.0	83.0	75.0	69.6	65.6	60.2
22.5°	182.1	150.0	117.8	105.8	95.1	83.0	72.3	66.9	61.6	56.2
25°	251.7	194.1	136.6	120.5	104.4	88.4	72.3	65.6	60.2	53.6
27.5°	334.7	249.0	162.0	139.2	117.8	95.1	72.3	64.3	57.6	49.5
30°	419.1	305.3	190.1	160.7	131.2	101.8	72.3	62.9	54.9	45.5
32.5°	499.4	357.5	214.2	179.4	144.6	108.4	73.6	62.9	52.2	41.5
35°	581.1	400.3	218.2	182.1	145.9	108.4	72.3	60.2	49.5	37.5
37.5°	685.5	448.5	210.2	174.1	139.2	103.1	68.3	57.6	46.9	34.8
40°	843.5	528.8	214.2	176.7	139.2	101.8	64.3	53.6	44.2	33.5
42.5°	1135.3	684.2	231.6	188.8	145.9	101.8	58.9	49.5	41.5	32.1
45°	1962.7	1136.7	310.6	246.3	182.1	117.8	53.6	45.5	38.8	30.8
47.5°	3246.7	1902.5	558.3	431.1	305.3	178.1	52.2	45.5	38.8	30.8
50°	4143.7	2423.3	702.9	540.9	378.9	216.9	54.9	46.9	40.2	32.1
52.5°	4137.0	2460.8	783.2	601.1	420.4	238.3	57.6	49.5	42.8	34.8
55°	3677.8	2238.6	798.0	613.2	429.8	245.0	61.6	53.6	45.5	37.5
57.5°	3074.0	1901.2	728.3	563.7	400.3	235.6	71.0	61.6	53.6	44.2
60°	2431.3	1499.5	567.7	448.5	330.7	211.5	93.7	81.7	71.0	58.9
62.5°	1678.9	1087.1	495.4	397.6	301.2	203.5	107.1	95.1	84.3	72.3
65°	1187.6	818.0	447.2	364.2	282.5	199.5	116.5	103.1	91.0	77.7
67.5°	887.7	650.7	412.4	341.4	270.4	199.5	128.5	112.5	97.7	81.7
70°	680.1	534.2	386.9	329.4	273.1	215.6	158.0	135.2	113.8	91.0
72.5°	554.3	456.5	357.5	316.0	274.5	233.0	191.5	162.0	132.5	101.8
75°	459.2	390.9	322.7	287.9	254.4	219.6	184.8	158.0	132.5	105.8
77.5°	305.3	278.5	250.4	230.3	210.2	188.8	168.7	145.9	124.5	101.8
80°	107.1	103.1	99.1	107.1	115.1	123.2	131.2	115.1	100.4	84.3
82.5°	16.1	14.7	13.4	14.7	16.1	17.4	18.7	20.1	21.4	22.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
0.0	2.5°	65.6	65.6	64.3	64.3	64.3	62.9	62.9	61.6	61.6	61.6
0.0	5°	64.3	64.3	62.9	61.6	60.2	60.2	58.9	57.6	57.6	56.2
0.0	7.5°	62.9	61.6	60.2	58.9	57.6	56.2	54.9	53.6	53.6	52.2
0.0	10°	64.3	61.6	60.2	57.6	56.2	54.9	52.2	50.9	49.5	49.5
0.0	12.5°	61.6	60.2	57.6	54.9	53.6	50.9	49.5	46.9	45.5	45.5
0.0	15°	61.6	58.9	54.9	52.2	49.5	48.2	45.5	42.8	41.5	40.2
0.0	17.5°	57.6	54.9	50.9	48.2	45.5	42.8	40.2	37.5	36.1	34.8
0.0	20°	52.2	49.5	45.5	41.5	38.8	36.1	33.5	30.8	29.5	28.1
0.0	22.5°	46.9	44.2	40.2	36.1	33.5	30.8	26.8	24.1	22.8	20.1
0.0	25°	44.2	40.2	36.1	32.1	28.1	25.4	21.4	17.4	14.7	12.0
0.0	27.5°	37.5	33.5	29.5	25.4	21.4	17.4	13.4	9.4	6.7	5.4
0.0	30°	32.1	28.1	24.1	20.1	14.7	10.7	6.7	1.3	1.3	1.3
0.0	32.5°	26.8	22.8	17.4	13.4	10.7	6.7	4.0	0.0	0.0	0.0
0.0	35°	21.4	17.4	12.0	8.0	6.7	4.0	2.7	0.0	0.0	0.0
0.0	37.5°	18.7	14.7	9.4	4.0	2.7	2.7	1.3	0.0	0.0	0.0
0.0	40°	17.4	12.0	6.7	1.3	1.3	1.3	0.0	0.0	0.0	0.0
0.0	42.5°	17.4	12.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	17.4	12.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	17.4	12.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	18.7	13.4	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	21.4	16.1	10.7	5.4	4.0	2.7	1.3	0.0	0.0	0.0
0.0	55°	26.8	24.1	20.1	17.4	13.4	9.4	4.0	0.0	0.0	0.0
0.0	57.5°	34.8	34.8	33.5	32.1	24.1	16.1	8.0	0.0	0.0	0.0
0.0	60°	46.9	46.9	46.9	46.9	34.8	24.1	12.0	0.0	0.0	0.0
0.0	62.5°	57.6	54.9	50.9	48.2	36.1	24.1	12.0	0.0	0.0	0.0
0.0	65°	57.6	52.2	45.5	38.8	29.5	20.1	9.4	0.0	0.0	0.0
0.0	67.5°	53.6	42.8	30.8	20.1	14.7	10.7	5.4	0.0	0.0	0.0
	70°	53.6	37.5	21.4	5.4	4.0	2.7	1.3	0.0	0.0	0.0
	72.5°	53.6	36.1	17.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	58.9	40.2	20.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	58.9	40.2	20.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	52.2	34.8	17.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	17.4	12.0	5.4	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°	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
0.0	2.5°	60.2	60.2	60.2	58.9	58.9	58.9	58.9	57.6	57.6	57.6
0.0	5°	54.9	54.9	53.6	53.6	52.2	52.2	50.9	50.9	49.5	49.5
0.0	7.5°	50.9	49.5	49.5	48.2	46.9	46.9	45.5	45.5	44.2	42.8
0.0	10°	46.9	45.5	45.5	44.2	42.8	41.5	41.5	40.2	38.8	37.5
0.0	12.5°	42.8	41.5	40.2	38.8	37.5	36.1	36.1	34.8	33.5	32.1
0.0	15°	37.5	36.1	34.8	33.5	32.1	30.8	30.8	29.5	28.1	26.8
0.0	17.5°	32.1	30.8	30.8	29.5	28.1	26.8	25.4	22.8	21.4	20.1
0.0	20°	24.1	22.8	21.4	20.1	18.7	16.1	14.7	12.0	9.4	8.0
0.0	22.5°	16.1	13.4	12.0	9.4	6.7	5.4	4.0	1.3	0.0	0.0
0.0	25°	5.4	4.0	2.7	1.3	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-SA6A-840-U-RBC

[illegible]

REPORT NUMBER: P1049229

CATALOG NUMBER: GALN-SA6A-840-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
0.0	2.5°	56.2	56.2	56.2	54.9	54.9	54.9	54.9	54.9	54.9	54.9
0.0	5°	48.2	48.2	48.2	46.9	46.9	45.5	45.5	45.5	44.2	44.2
0.0	7.5°	41.5	40.2	40.2	38.8	38.8	37.5	37.5	37.5	36.1	36.1
0.0	10°	34.8	33.5	33.5	32.1	32.1	30.8	30.8	29.5	29.5	28.1
0.0	12.5°	30.8	29.5	28.1	26.8	26.8	25.4	24.1	24.1	22.8	21.4
0.0	15°	24.1	22.8	21.4	20.1	18.7	17.4	16.1	16.1	14.7	13.4
0.0	17.5°	16.1	13.4	12.0	10.7	10.7	9.4	8.0	6.7	5.4	4.0
0.0	20°	4.0	2.7	1.3	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



REPORT NUMBER: P1049229

CATALOG NUMBER: GALN-SA6A-840-U-RBC

CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049229

CATALOG NUMBER: GALN-SA6A-840-U-RBC

CANDELA DISTRIBUTION (continued):

107.5°		110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°
0.0	0°	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
0.0	2.5°	54.9	53.6	53.6	53.6	54.9	54.9	54.9	54.9	54.9	54.9
0.0	5°	44.2	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
0.0	7.5°	36.1	34.8	34.8	34.8	34.8	33.5	33.5	33.5	33.5	33.5
0.0	10°	28.1	26.8	26.8	26.8	26.8	25.4	25.4	25.4	25.4	25.4
0.0	12.5°	20.1	20.1	18.7	18.7	18.7	17.4	17.4	17.4	17.4	16.1
0.0	15°	12.0	10.7	9.4	9.4	9.4	8.0	8.0	8.0	8.0	6.7
0.0	17.5°	2.7	2.7	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049229

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CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
0.0	2.5°	56.2	56.2	57.6	57.6	58.9	61.6	62.9	64.3	66.9	69.6
0.0	5°	44.2	45.5	45.5	46.9	48.2	49.5	50.9	52.2	54.9	57.6
0.0	7.5°	34.8	34.8	36.1	36.1	37.5	40.2	41.5	42.8	45.5	49.5
0.0	10°	26.8	26.8	28.1	28.1	29.5	32.1	33.5	34.8	37.5	41.5
0.0	12.5°	17.4	18.7	18.7	20.1	21.4	24.1	25.4	26.8	29.5	32.1
0.0	15°	8.0	9.4	9.4	10.7	12.0	14.7	16.1	17.4	20.1	24.1
0.0	17.5°	1.3	1.3	2.7	2.7	4.0	5.4	6.7	8.0	12.0	14.7
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	5.4
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
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: P1049229

CATALOG NUMBER: GALN-SA6A-840-U-RBC

CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
0.0	2.5°	73.6	76.3	79.0	81.7	84.3	87.0	88.4	91.0	92.4	93.7
0.0	5°	62.9	65.6	69.6	72.3	75.0	77.7	80.3	81.7	83.0	84.3
0.0	7.5°	54.9	57.6	61.6	64.3	66.9	69.6	72.3	75.0	76.3	77.7
0.0	10°	46.9	50.9	53.6	57.6	60.2	62.9	65.6	68.3	71.0	72.3
0.0	12.5°	37.5	41.5	45.5	48.2	52.2	56.2	58.9	61.6	64.3	66.9
0.0	15°	29.5	33.5	37.5	40.2	44.2	48.2	52.2	54.9	57.6	60.2
0.0	17.5°	21.4	25.4	29.5	32.1	36.1	40.2	42.8	46.9	49.5	52.2
0.0	20°	10.7	14.7	18.7	22.8	26.8	30.8	33.5	37.5	40.2	42.8
0.0	22.5°	1.3	5.4	9.4	12.0	16.1	20.1	22.8	26.8	29.5	32.1
0.0	25°	0.0	1.3	4.0	5.4	6.7	9.4	12.0	14.7	17.4	20.1
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.3	2.7	5.4	8.0	10.7
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.3	2.7
	85°	0.0	0.0	0.0	0.0	0.0	2.7	4.0	6.7	8.0	9.4
	87.5°	0.0	1.3	2.7	4.0	5.4	8.0	10.7	13.4	14.7	16.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049229

CATALOG NUMBER: GALN-SA6A-840-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
77.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.3											
5.4											
12.0											
17.4											
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REPORT NUMBER: P1049229

CATALOG NUMBER: GALN-SA6A-840-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
0.0	2.5°	95.1	95.1	95.1	95.1	93.7	93.7	93.7	92.4	92.4	91.0
0.0	5°	87.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	87.0	87.0
0.0	7.5°	80.3	81.7	83.0	83.0	84.3	84.3	84.3	83.0	83.0	81.7
0.0	10°	76.3	77.7	77.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0
0.0	12.5°	71.0	72.3	73.6	73.6	75.0	75.0	75.0	75.0	73.6	73.6
0.0	15°	64.3	66.9	68.3	69.6	69.6	71.0	71.0	71.0	71.0	71.0
0.0	17.5°	58.9	61.6	62.9	64.3	64.3	65.6	65.6	66.9	66.9	66.9
0.0	20°	48.2	50.9	52.2	54.9	56.2	57.6	58.9	60.2	60.2	61.6
0.0	22.5°	37.5	40.2	41.5	44.2	45.5	46.9	48.2	49.5	50.9	52.2
0.0	25°	26.8	29.5	30.8	33.5	34.8	36.1	37.5	38.8	38.8	40.2
0.0	27.5°	14.7	17.4	20.1	21.4	24.1	25.4	26.8	28.1	29.5	30.8
0.0	30°	6.7	8.0	9.4	12.0	13.4	14.7	16.1	18.7	20.1	21.4
0.0	32.5°	0.0	0.0	1.3	4.0	5.4	6.7	8.0	9.4	9.4	10.7
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.7	4.0	5.4
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	2.7	2.7	2.7	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	82.5°	6.7	8.0	9.4	9.4	10.7	10.7	10.7	10.7	9.4	9.4
	85°	13.4	14.7	16.1	16.1	17.4	17.4	17.4	17.4	17.4	17.4
	87.5°	18.7	20.1	21.4	21.4	22.8	22.8	22.8	22.8	22.8	22.8
	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: P1049229

CATALOG NUMBER: GALN-SA6A-840-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
77.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	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											
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0.0											
4.0											
9.4											
17.4											
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REPORT NUMBER: P1049229

CATALOG NUMBER: GALN-SA6A-840-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
0.0	0°	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
0.0	2.5°	89.7	89.7	88.4	88.4	88.4	88.4	88.4	89.7	91.0	91.0
0.0	5°	85.7	85.7	84.3	84.3	84.3	85.7	85.7	87.0	88.4	89.7
0.0	7.5°	81.7	80.3	80.3	81.7	81.7	83.0	83.0	84.3	85.7	87.0
0.0	10°	79.0	77.7	77.7	77.7	79.0	79.0	80.3	81.7	83.0	84.3
0.0	12.5°	73.6	73.6	73.6	73.6	75.0	75.0	76.3	77.7	80.3	81.7
0.0	15°	71.0	69.6	69.6	69.6	69.6	71.0	71.0	73.6	76.3	77.7
0.0	17.5°	65.6	65.6	64.3	64.3	65.6	65.6	66.9	69.6	72.3	73.6
0.0	20°	60.2	58.9	57.6	57.6	58.9	58.9	60.2	62.9	65.6	66.9
0.0	22.5°	52.2	50.9	50.9	50.9	50.9	52.2	52.2	54.9	58.9	61.6
0.0	25°	41.5	42.8	42.8	44.2	44.2	45.5	46.9	49.5	53.6	56.2
0.0	27.5°	32.1	33.5	33.5	36.1	37.5	38.8	40.2	44.2	48.2	50.9
0.0	30°	24.1	25.4	26.8	28.1	30.8	33.5	36.1	40.2	44.2	46.9
0.0	32.5°	14.7	17.4	18.7	21.4	24.1	26.8	29.5	33.5	38.8	42.8
0.0	35°	10.7	12.0	14.7	16.1	18.7	21.4	24.1	29.5	33.5	38.8
0.0	37.5°	5.4	8.0	10.7	13.4	16.1	18.7	21.4	26.8	32.1	36.1
0.0	40°	4.0	6.7	8.0	10.7	14.7	17.4	20.1	25.4	30.8	36.1
0.0	42.5°	2.7	4.0	5.4	9.4	12.0	16.1	20.1	25.4	30.8	36.1
0.0	45°	2.7	2.7	4.0	8.0	12.0	17.4	21.4	26.8	30.8	36.1
0.0	47.5°	2.7	4.0	5.4	10.7	13.4	17.4	21.4	25.4	30.8	34.8
0.0	50°	4.0	5.4	6.7	12.0	14.7	18.7	21.4	26.8	30.8	36.1
0.0	52.5°	2.7	4.0	5.4	10.7	14.7	20.1	24.1	29.5	34.8	38.8
0.0	55°	1.3	1.3	1.3	8.0	16.1	22.8	30.8	34.8	40.2	44.2
0.0	57.5°	0.0	0.0	0.0	5.4	16.1	25.4	34.8	40.2	45.5	49.5
0.0	60°	0.0	0.0	0.0	5.4	16.1	25.4	34.8	41.5	48.2	54.9
0.0	62.5°	0.0	0.0	0.0	5.4	13.4	21.4	29.5	40.2	52.2	62.9
0.0	65°	0.0	0.0	0.0	4.0	10.7	17.4	24.1	40.2	56.2	71.0
0.0	67.5°	0.0	0.0	0.0	4.0	10.7	16.1	22.8	40.2	56.2	73.6
	70°	0.0	0.0	0.0	4.0	10.7	17.4	24.1	40.2	56.2	72.3
	72.5°	0.0	0.0	0.0	4.0	12.0	18.7	26.8	40.2	53.6	66.9
	75°	0.0	0.0	0.0	5.4	12.0	20.1	28.1	40.2	52.2	62.9
	77.5°	0.0	0.0	0.0	4.0	12.0	18.7	26.8	38.8	50.9	61.6
	80°	4.0	2.7	2.7	6.7	12.0	17.4	22.8	34.8	48.2	60.2
	82.5°	8.0	8.0	6.7	9.4	12.0	16.1	20.1	30.8	42.8	53.6
	85°	16.1	16.1	14.7	16.1	16.1	17.4	18.7	24.1	29.5	34.8
	87.5°	21.4	21.4	20.1	20.1	20.1	18.7	18.7	18.7	18.7	17.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
77.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.4											
80.3											
75.0											
73.6											
72.3											
64.3											
40.2											
17.4											
0.0											
0.0											
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REPORT NUMBER: P1049229

CATALOG NUMBER: GALN-SA6A-840-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
0.0	2.5°	93.7	95.1	95.1	96.4	97.7	99.1	99.1	100.4	100.4	100.4
0.0	5°	92.4	95.1	96.4	97.7	99.1	100.4	101.8	103.1	104.4	104.4
0.0	7.5°	91.0	92.4	95.1	96.4	99.1	100.4	103.1	104.4	105.8	107.1
0.0	10°	88.4	91.0	93.7	96.4	99.1	101.8	104.4	107.1	109.8	111.1
0.0	12.5°	85.7	89.7	92.4	95.1	99.1	103.1	105.8	109.8	112.5	115.1
0.0	15°	84.3	87.0	91.0	93.7	99.1	104.4	108.4	113.8	119.2	123.2
0.0	17.5°	80.3	85.7	89.7	93.7	99.1	105.8	111.1	116.5	124.5	132.5
0.0	20°	75.0	79.0	84.3	88.4	96.4	103.1	111.1	117.8	129.9	141.9
0.0	22.5°	69.6	75.0	79.0	84.3	93.7	101.8	111.1	119.2	139.2	158.0
0.0	25°	64.3	71.0	76.3	81.7	92.4	103.1	113.8	124.5	158.0	191.5
0.0	27.5°	61.6	66.9	73.6	79.0	92.4	107.1	120.5	133.9	187.4	239.7
0.0	30°	57.6	64.3	69.6	76.3	93.7	111.1	128.5	145.9	227.6	309.3
0.0	32.5°	53.6	60.2	66.9	73.6	96.4	119.2	140.6	163.3	270.4	376.2
0.0	35°	49.5	57.6	64.3	71.0	100.4	131.2	160.7	190.1	309.3	427.1
0.0	37.5°	48.2	56.2	62.9	69.6	101.8	132.5	164.7	195.5	313.3	431.1
0.0	40°	49.5	56.2	64.3	71.0	97.7	124.5	150.0	176.7	299.9	421.7
0.0	42.5°	49.5	57.6	65.6	73.6	95.1	116.5	137.9	159.3	295.9	432.4
0.0	45°	48.2	56.2	64.3	72.3	92.4	111.1	131.2	150.0	320.0	488.7
0.0	47.5°	46.9	54.9	62.9	71.0	91.0	111.1	131.2	151.3	413.7	674.8
0.0	50°	46.9	54.9	61.6	68.3	92.4	117.8	141.9	166.0	602.5	1037.6
0.0	52.5°	49.5	56.2	61.6	66.9	95.1	124.5	152.6	180.7	765.8	1349.6
0.0	55°	53.6	57.6	62.9	66.9	101.8	135.2	170.0	203.5	815.4	1427.2
0.0	57.5°	58.9	62.9	66.9	71.0	113.8	156.6	198.1	241.0	819.4	1396.4
0.0	60°	65.6	71.0	75.0	79.0	124.5	171.4	216.9	262.4	741.7	1219.7
0.0	62.5°	80.3	87.0	92.4	99.1	143.3	186.1	230.3	273.1	615.9	958.6
0.0	65°	92.4	97.7	103.1	108.4	151.3	195.5	238.3	281.2	522.2	763.1
0.0	67.5°	95.1	100.4	104.4	109.8	154.0	198.1	241.0	285.2	447.2	607.8
	70°	96.4	103.1	111.1	117.8	163.3	208.9	253.0	298.6	396.3	494.0
	72.5°	92.4	105.8	117.8	129.9	172.7	214.2	257.1	298.6	368.2	437.8
	75°	92.4	111.1	128.5	145.9	178.1	208.9	241.0	271.8	325.3	378.9
	77.5°	97.7	121.8	145.9	170.0	188.8	206.2	224.9	242.3	277.1	312.0
	80°	97.7	123.2	147.3	172.7	180.7	190.1	198.1	206.2	210.2	214.2
	82.5°	84.3	104.4	124.5	144.6	135.2	125.9	116.5	107.1	100.4	92.4
	85°	42.8	46.9	49.5	52.2	48.2	44.2	40.2	36.1	33.5	29.5
	87.5°	17.4	17.4	16.1	16.1	16.1	16.1	14.7	14.7	14.7	14.7
	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: P1049229

CATALOG NUMBER: GALN-SA6A-840-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
77.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
285.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
396.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
536.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
670.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
761.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
830.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
898.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1032.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1300.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3035.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3821.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3908.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3526.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3015.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2356.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1780.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1314.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
930.5											
692.2											
503.4											
378.9											
212.9											
96.4											
28.1											
13.4											
0.0											
0.0											
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REPORT NUMBER: P1049229

CATALOG NUMBER: GALN-SA6A-840-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
0.0	0°	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
0.0	2.5°	100.4	99.1	99.1	97.7	96.4	95.1	93.7	92.4	91.0	89.7
0.0	5°	104.4	104.4	104.4	103.1	103.1	101.8	101.8	100.4	99.1	97.7
0.0	7.5°	108.4	109.8	109.8	111.1	111.1	111.1	111.1	109.8	109.8	109.8
0.0	10°	115.1	116.5	117.8	119.2	120.5	121.8	121.8	123.2	123.2	123.2
0.0	12.5°	123.2	127.2	129.9	133.9	136.6	140.6	143.3	147.3	150.0	152.6
0.0	15°	135.2	141.9	150.0	156.6	163.3	172.7	183.4	192.8	202.2	216.9
0.0	17.5°	152.6	174.1	195.5	215.6	237.0	283.8	330.7	376.2	423.1	491.4
0.0	20°	186.1	250.4	313.3	377.6	440.5	605.2	768.5	933.2	1096.5	1271.9
0.0	22.5°	261.1	419.1	577.0	735.0	893.0	1237.1	1579.8	1923.9	2266.7	2669.7
0.0	25°	378.9	669.4	960.0	1249.1	1539.7	2077.9	2617.4	3155.7	3693.9	4217.4
0.0	27.5°	551.6	996.1	1440.6	1883.8	2328.3	3057.9	3788.9	4518.6	5248.3	5840.0
0.0	30°	764.5	1367.0	1969.4	2571.9	3174.4	4004.5	4834.6	5663.3	6493.4	7140.1
0.0	32.5°	965.3	1703.0	2440.7	3177.1	3914.8	4860.0	5806.6	6751.8	7697.0	8403.9
0.0	35°	1096.5	1988.2	2881.2	3772.9	4664.5	5687.4	6710.3	7731.8	8754.7	9562.0
0.0	37.5°	1227.7	2257.3	3285.5	4315.1	5343.3	6466.6	7589.9	8713.2	9836.5	10833.9
0.0	40°	1375.0	2582.6	3788.9	4996.6	6202.9	7533.7	8863.2	10194.0	11523.5	12930.6
0.0	42.5°	1630.7	3122.2	4615.0	6106.5	7598.0	9358.5	11119.1	12878.4	14639.0	16647.2
0.0	45°	2111.4	4213.4	6316.7	8418.7	10520.7	12852.9	15186.5	17518.8	19851.1	22523.4
0.0	47.5°	3288.2	6180.1	9070.7	11962.6	14853.2	17371.5	19888.6	22406.9	24924.0	27585.6
0.0	50°	5031.4	8397.2	11763.1	15127.6	18493.5	20772.2	23049.6	25328.3	27605.7	30137.4
0.0	52.5°	6292.6	9799.0	13306.8	16813.2	20319.7	22376.1	24434.0	26490.4	28546.9	30912.6
0.0	55°	6387.6	9874.0	13361.7	16848.0	20334.4	22400.2	24466.1	26531.9	28597.8	31105.4
0.0	57.5°	5655.3	9113.5	12570.4	16028.7	19485.6	21837.9	24188.9	26541.3	28892.3	31603.5
0.0	60°	4810.5	8270.1	11728.3	15187.9	18646.1	21355.9	24067.1	26776.9	29486.8	32026.6
0.0	62.5°	3752.8	7311.4	10871.4	14430.1	17988.7	20740.1	23491.4	26241.4	28992.7	30897.9
0.0	65°	2796.9	6252.4	9708.0	13162.2	16617.8	18821.5	21025.3	23227.7	25431.4	26610.9
0.0	67.5°	2021.7	5001.9	7980.9	10961.1	13940.1	15517.2	17094.4	18670.2	20247.4	21149.8
	70°	1367.0	3431.5	5494.6	7559.1	9622.3	10918.3	12215.6	13511.6	14807.6	16026.0
	72.5°	946.6	2106.0	3266.8	4426.2	5585.7	6889.7	8192.4	9496.4	10799.1	12088.4
	75°	627.9	1155.4	1684.3	2211.8	2739.3	3704.6	4671.2	5636.5	6601.9	7370.4
	77.5°	445.8	603.8	763.1	921.1	1079.1	1259.9	1441.9	1622.7	1803.4	2077.9
	80°	211.5	231.6	251.7	270.4	290.5	356.1	421.7	487.3	552.9	622.6
	82.5°	100.4	108.4	116.5	123.2	131.2	137.9	144.6	151.3	158.0	151.3
	85°	26.8	26.8	28.1	28.1	28.1	28.1	28.1	28.1	28.1	26.8
	87.5°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	10.7	10.7	9.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
77.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
233.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
558.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1448.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3072.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4740.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6431.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7788.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9112.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10369.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11832.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14337.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18655.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25195.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30247.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32669.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33278.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33614.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34314.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34565.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32804.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27791.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22053.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17243.0											
13377.8											
8138.8											
2352.4											
692.2											
143.3											
25.4											
9.4											
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°	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
0.0	2.5°	87.0	85.7	84.3	83.0	81.7	79.0	79.0	77.7	77.7
0.0	5°	95.1	93.7	92.4	91.0	91.0	89.7	88.4	88.4	87.0
0.0	7.5°	108.4	107.1	105.8	104.4	104.4	103.1	103.1	101.8	101.8
0.0	10°	124.5	124.5	124.5	124.5	124.5	123.2	123.2	123.2	121.8
0.0	12.5°	156.6	158.0	160.7	163.3	167.4	167.4	167.4	166.0	166.0
0.0	15°	247.7	262.4	273.1	283.8	293.2	314.6	312.0	307.9	305.3
0.0	17.5°	626.6	693.5	729.7	764.5	800.6	899.7	883.6	867.6	852.8
0.0	20°	1624.0	1799.4	1915.9	2032.4	2150.2	2336.3	2290.8	2245.2	2199.7
0.0	22.5°	3474.3	3877.3	4052.7	4228.1	4402.1	4627.1	4481.1	4335.2	4190.6
0.0	25°	5263.0	5786.5	6082.4	6378.3	6672.8	6801.3	6611.2	6419.8	6229.7
0.0	27.5°	7023.6	7615.4	7876.4	8136.2	8397.2	8666.4	8430.7	8193.7	7958.1
0.0	30°	8434.7	9081.4	9363.9	9645.1	9927.5	10115.0	9871.3	9626.3	9382.6
0.0	32.5°	9819.1	10526.0	10835.3	11144.6	11452.5	11721.6	11421.7	11120.5	10820.6
0.0	35°	11175.4	11982.7	12408.4	12834.2	13259.9	13510.3	13154.2	12796.7	12440.6
0.0	37.5°	12830.2	13827.6	14304.2	14780.9	15257.5	15714.0	15321.8	14928.1	14535.9
0.0	40°	15744.8	17152.0	17883.0	18615.3	19346.3	19935.4	19440.1	18944.7	18449.3
0.0	42.5°	20663.8	22672.0	23723.0	24772.7	25823.7	26743.5	26222.7	25701.8	25181.0
0.0	45°	27868.1	30540.4	31821.7	33101.6	34382.9	35055.0	34305.3	33554.2	32804.4
0.0	47.5°	32907.5	35569.1	36709.8	37850.5	38991.2	39758.4	38841.3	37924.2	37008.4
0.0	50°	35199.6	37731.4	38876.1	40019.5	41164.2	41773.4	40714.3	39654.0	38594.9
0.0	52.5°	35642.8	38008.5	39374.1	40741.1	42106.7	42920.8	41670.3	40418.4	39168.0
0.0	55°	36122.1	38629.7	40213.6	41798.8	43382.7	44510.0	43096.1	41681.0	40267.2
0.0	57.5°	37024.5	39735.6	41315.5	42894.0	44473.8	45431.1	44013.2	42594.1	41176.2
0.0	60°	37104.8	39643.3	41000.8	42359.8	43717.4	44319.8	42963.6	41606.0	40249.8
0.0	62.5°	34709.6	36614.8	37557.3	38499.9	39442.4	40097.1	38682.0	37265.5	35850.3
0.0	65°	28971.3	30150.8	30901.9	31653.0	32404.1	33184.7	31888.7	30592.6	29296.6
0.0	67.5°	22955.9	23858.3	24847.7	25837.1	26826.5	27660.6	26623.0	25584.0	24546.4
	70°	18461.4	19678.4	20791.0	21903.5	23016.1	23698.9	22657.3	21614.3	20572.7
	72.5°	14667.1	15956.4	16885.5	17813.4	18742.5	18909.9	18144.1	17378.2	16613.8
	75°	8906.0	9674.5	9693.3	9710.7	9729.4	9888.7	9254.1	8619.5	7986.2
	77.5°	2626.8	2901.3	3127.5	3352.5	3578.7	3851.9	3618.9	3384.6	3151.6
	80°	760.5	830.1	889.0	946.6	1005.5	970.7	915.8	860.9	806.0
	82.5°	136.6	128.5	127.2	125.9	125.9	119.2	108.4	97.7	87.0
	85°	24.1	22.8	21.4	20.1	18.7	17.4	14.7	13.4	10.7
	87.5°	8.0	6.7	5.4	4.0	4.0	1.3	1.3	1.3	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049229

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CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
0.0	0.0	2.5°	76.3	75.0	75.0	75.0	75.0	73.6	73.6	73.6	73.6
0.0	0.0	5°	84.3	84.3	83.0	83.0	81.7	81.7	80.3	80.3	79.0
0.0	0.0	7.5°	99.1	97.7	96.4	95.1	93.7	91.0	89.7	88.4	88.4
0.0	0.0	10°	119.2	116.5	115.1	112.5	111.1	108.4	105.8	103.1	100.4
0.0	0.0	12.5°	156.6	151.3	147.3	141.9	136.6	132.5	127.2	123.2	117.8
0.0	0.0	15°	271.8	258.4	243.7	226.3	207.5	190.1	171.4	160.7	148.6
0.0	0.0	17.5°	694.9	625.2	554.3	496.7	439.1	382.9	325.3	283.8	242.3
0.0	0.0	20°	1768.6	1575.8	1383.0	1192.9	1001.5	811.3	619.9	523.5	427.1
0.0	0.0	22.5°	3328.4	2970.9	2612.1	2265.3	1917.2	1570.5	1223.7	1005.5	788.6
0.0	0.0	25°	5137.2	4687.3	4237.5	3667.1	3095.4	2525.1	1954.7	1599.9	1245.1
0.0	0.0	27.5°	6684.9	6166.7	5648.6	4955.1	4261.5	3568.0	2874.5	2345.7	1818.2
0.0	0.0	30°	8025.0	7468.1	6911.1	6103.8	5296.5	4489.2	3681.8	3020.4	2359.0
0.0	0.0	32.5°	9187.2	8520.4	7853.7	7020.9	6188.1	5355.4	4522.6	3711.3	2899.9
0.0	0.0	35°	10527.4	9749.5	8970.3	8046.5	7121.3	6197.5	5273.7	4357.9	3440.8
0.0	0.0	37.5°	12230.4	11275.8	10319.8	9290.3	8260.7	7232.5	6202.9	5155.9	4108.9
0.0	0.0	40°	15490.5	14258.7	13027.0	11718.9	10409.5	9101.5	7793.4	6508.1	5222.8
0.0	0.0	42.5°	21331.8	19667.7	18003.5	16263.0	14521.1	12780.6	11038.8	9226.0	7411.9
0.0	0.0	45°	27924.3	25859.8	23794.0	21840.6	19885.9	17932.5	15979.1	13491.6	11004.0
0.0	0.0	47.5°	31631.6	29402.4	27173.2	25324.3	23475.3	21626.4	19777.4	17095.7	14414.0
0.0	0.0	50°	32995.9	30726.5	28457.2	26755.5	25052.5	23350.8	21647.8	18962.1	16275.0
0.0	0.0	52.5°	33286.4	30971.5	28656.7	26944.3	25231.9	23520.9	21808.5	19140.2	16471.8
0.0	0.0	55°	33883.5	31400.0	28915.1	26963.0	25011.0	23059.0	21106.9	18395.8	15684.6
0.0	0.0	57.5°	34664.1	32117.6	29571.1	27347.3	25123.5	22901.0	20677.2	17712.9	14748.7
0.0	0.0	60°	34459.2	32243.4	30026.3	27644.5	25261.4	22879.6	20496.4	17236.3	13974.9
0.0	0.0	62.5°	30903.3	29138.7	27372.7	25414.0	23453.9	21495.2	19536.5	16180.0	12823.5
0.0	0.0	65°	25423.4	24135.4	22847.4	21271.6	19694.4	18118.6	16542.8	13533.1	10524.7
0.0	0.0	67.5°	20604.9	19153.5	17700.9	16445.1	15187.9	13932.0	12674.9	10306.4	7938.0
		70°	16370.1	14791.6	13211.7	11985.4	10757.6	9531.3	8304.9	6730.4	5157.2
		72.5°	13000.2	11577.0	10153.8	8845.8	7536.4	6228.3	4918.9	3988.4	3057.9
		75°	6213.6	5644.6	5075.6	4391.4	3707.3	3023.1	2339.0	1933.3	1529.0
		77.5°	2302.8	1996.2	1688.3	1409.8	1131.3	854.2	575.7	527.5	479.3
		80°	595.8	519.5	441.8	386.9	330.7	275.8	220.9	199.5	179.4
		82.5°	68.3	62.9	58.9	56.2	52.2	49.5	45.5	41.5	37.5
		85°	4.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049229

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CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	77.7	77.7
0.0	0.0	2.5°	72.3	71.0
0.0	0.0	5°	76.3	75.0
0.0	0.0	7.5°	84.3	81.7
0.0	0.0	10°	92.4	89.7
0.0	0.0	12.5°	104.4	100.4
0.0	0.0	15°	117.8	109.8
0.0	0.0	17.5°	140.6	123.2
0.0	0.0	20°	190.1	145.9
0.0	0.0	22.5°	267.8	182.1
0.0	0.0	25°	393.6	251.7
0.0	0.0	27.5°	547.6	334.7
0.0	0.0	30°	728.3	419.1
0.0	0.0	32.5°	887.7	499.4
0.0	0.0	35°	1095.2	581.1
0.0	0.0	37.5°	1350.9	685.5
0.0	0.0	40°	1747.2	843.5
0.0	0.0	42.5°	2460.8	1135.3
0.0	0.0	45°	3996.5	1962.7
0.0	0.0	47.5°	6149.3	3246.7
0.0	0.0	50°	7523.0	4143.7
0.0	0.0	52.5°	7635.4	4137.0
0.0	0.0	55°	6970.0	3677.8
0.0	0.0	57.5°	5947.2	3074.0
0.0	0.0	60°	4943.0	2431.3
0.0	0.0	62.5°	3894.7	1678.9
0.0	0.0	65°	2846.4	1187.6
0.0	0.0	67.5°	2044.4	887.7
		70°	1344.2	680.1
		72.5°	875.6	554.3
		75°	589.1	459.2
		77.5°	344.1	305.3
		80°	121.8	107.1
		82.5°	22.8	16.1
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1049229

CATALOG NUMBER: GALN-SA6A-840-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	0.0	0.0
115°	0.0	0.0
117.5°	0.0	0.0
120°	0.0	0.0
122.5°	0.0	0.0
125°	0.0	0.0
127.5°	0.0	0.0
130°	0.0	0.0
132.5°	0.0	0.0
135°	0.0	0.0
137.5°	0.0	0.0
140°	0.0	0.0
142.5°	0.0	0.0
145°	0.0	0.0
147.5°	0.0	0.0
150°	0.0	0.0
152.5°	0.0	0.0
155°	0.0	0.0
157.5°	0.0	0.0
160°	0.0	0.0
162.5°	0.0	0.0
165°	0.0	0.0
167.5°	0.0	0.0
170°	0.0	0.0
172.5°	0.0	0.0
175°	0.0	0.0
177.5°	0.0	0.0
180°	0.0	0.0

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-11

Test Date: 10/11/2024

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

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

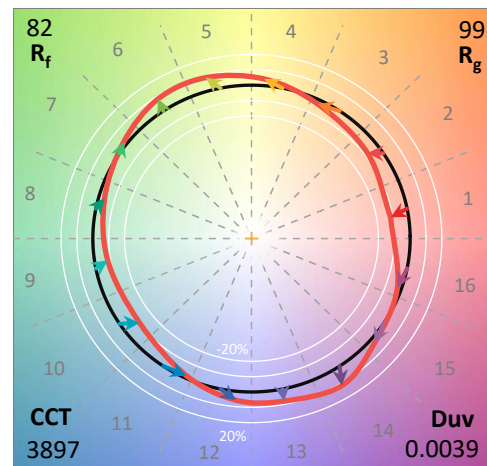
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-11
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-840-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

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

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



Test Conditions

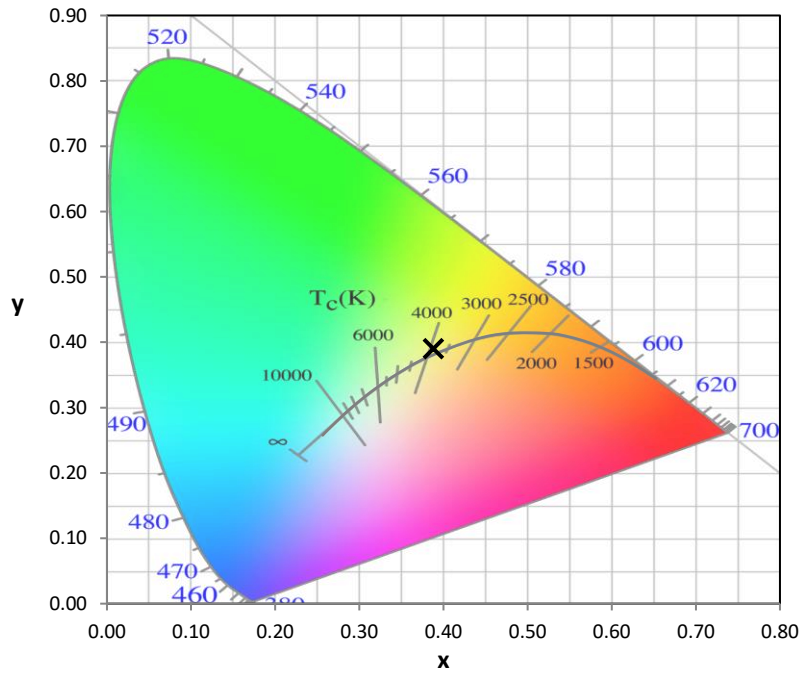
Stabilization Time: 24M
 Operation Time: 1H 24M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-11

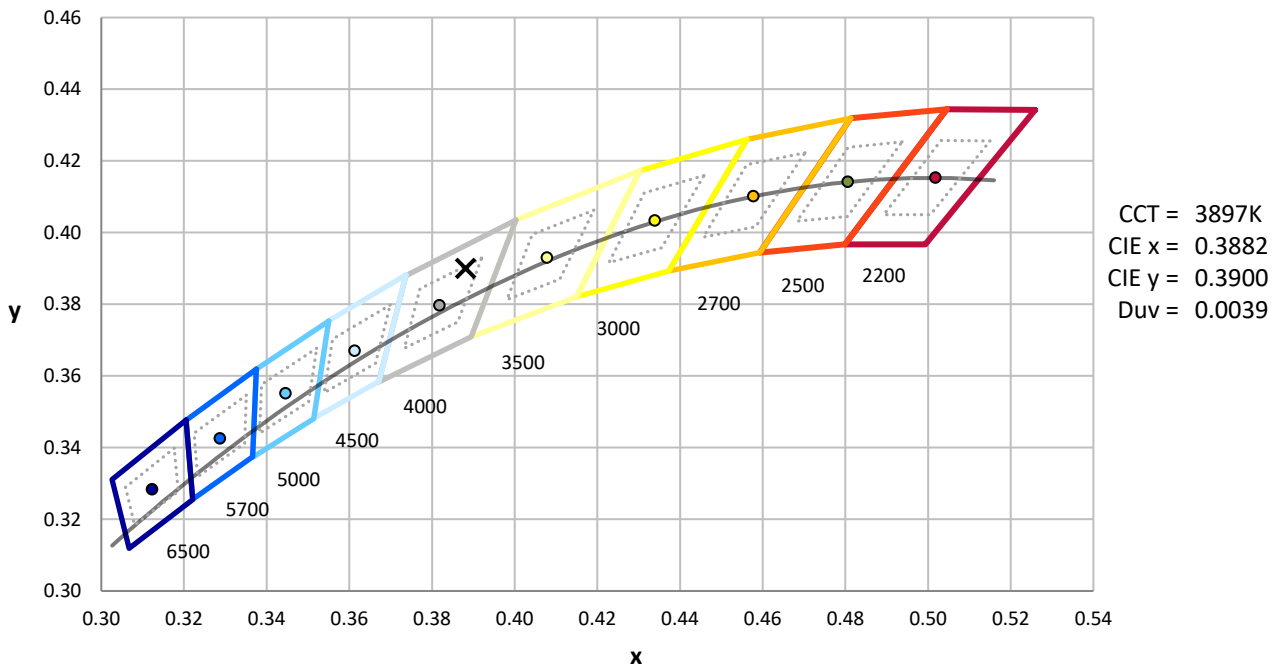
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



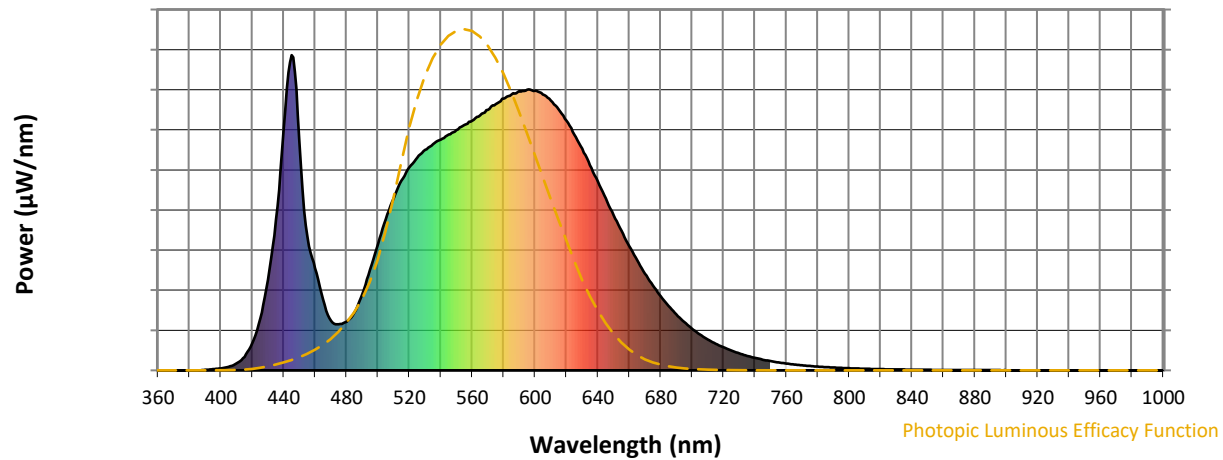
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

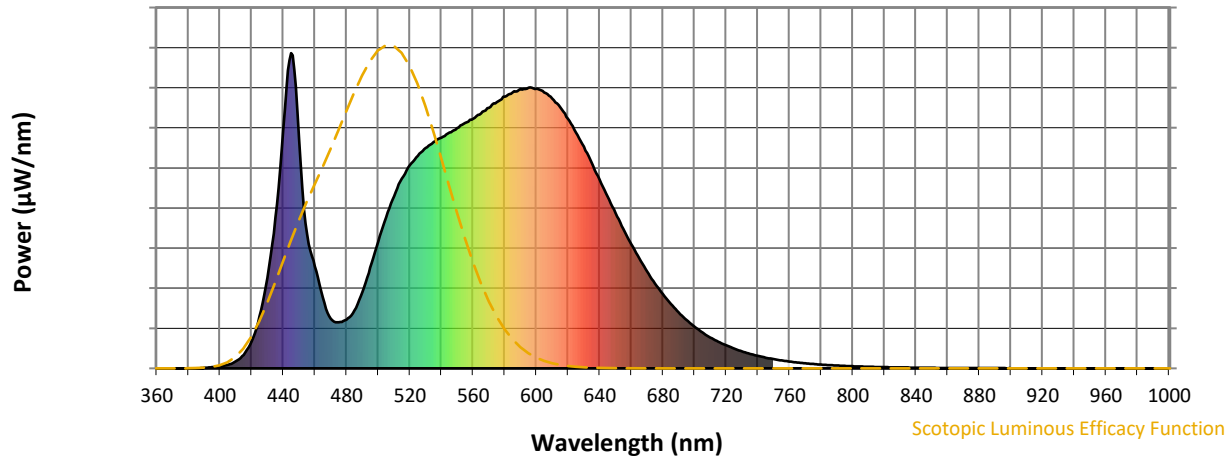


Photopic Lumens: NR

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

REPORT NUMBER: SP1-2407-184-11

Scotopic Flux vs. Wavelength



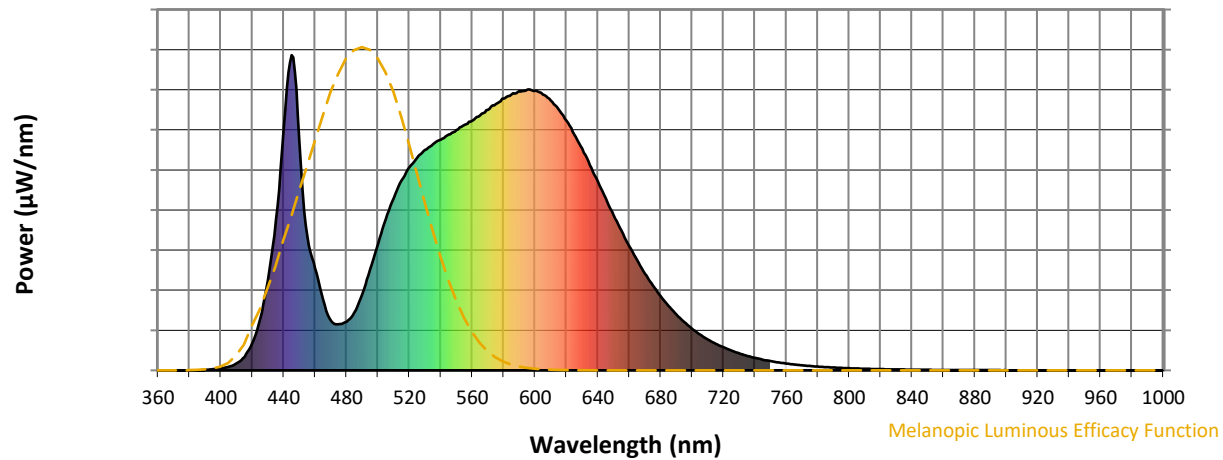
Scotopic Lumens: NR

S/P: 1.57

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

REPORT NUMBER: SP1-2407-184-11

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.06

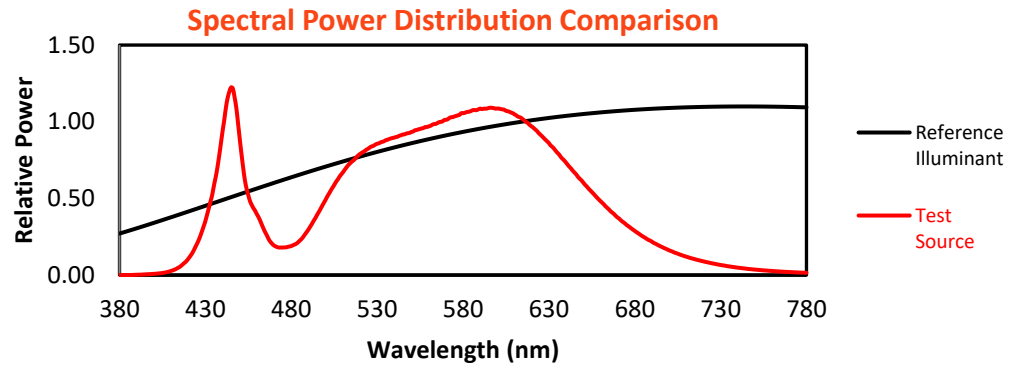
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630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

REPORT NUMBER: SP1-2407-184-11

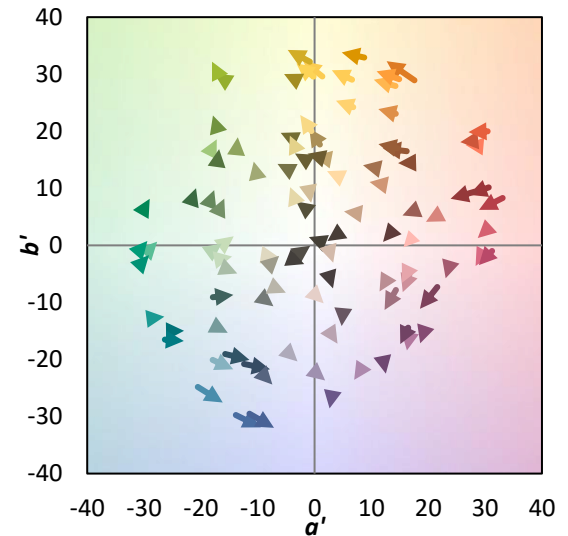
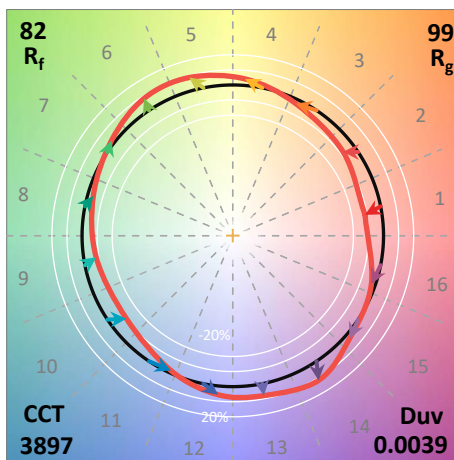
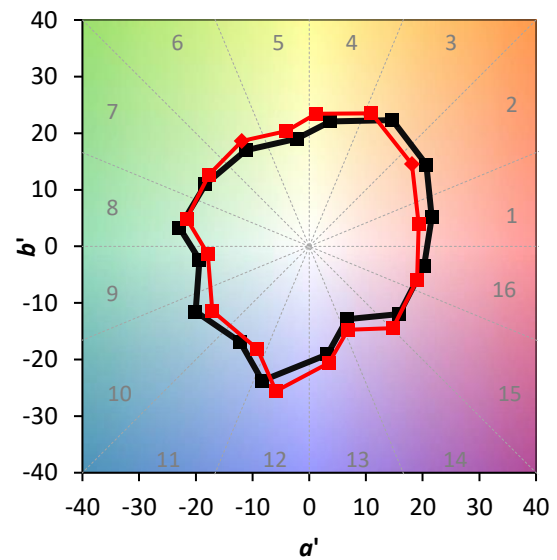
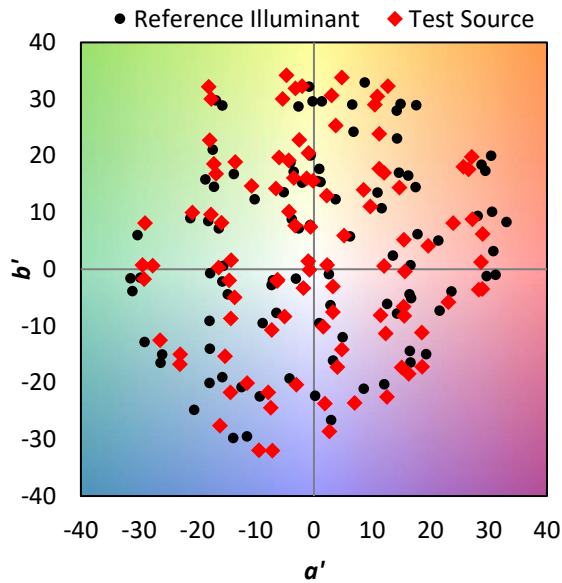
TM-30-18

Summary

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

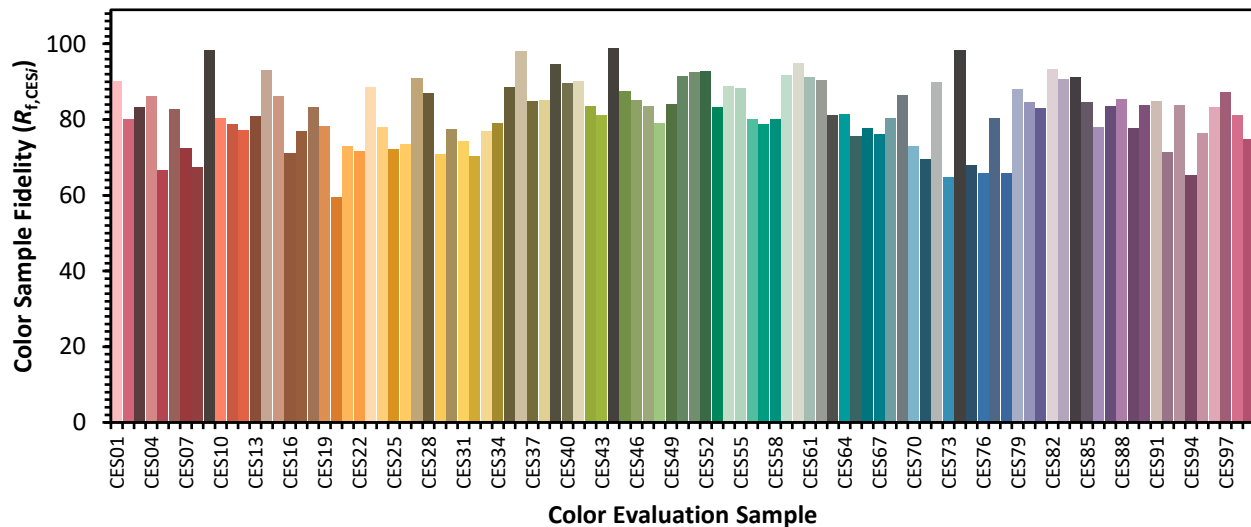


Color Vector Graphics

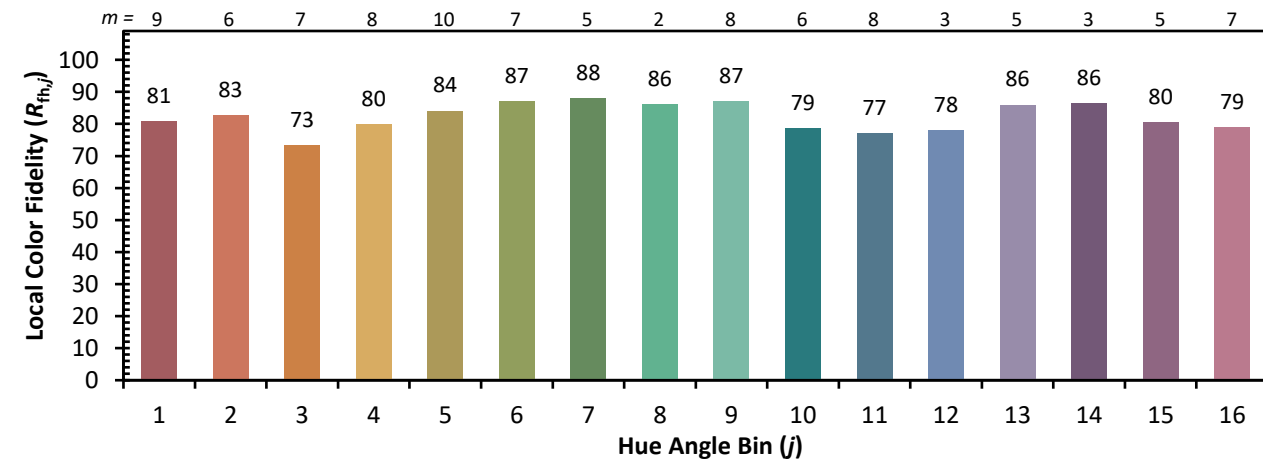
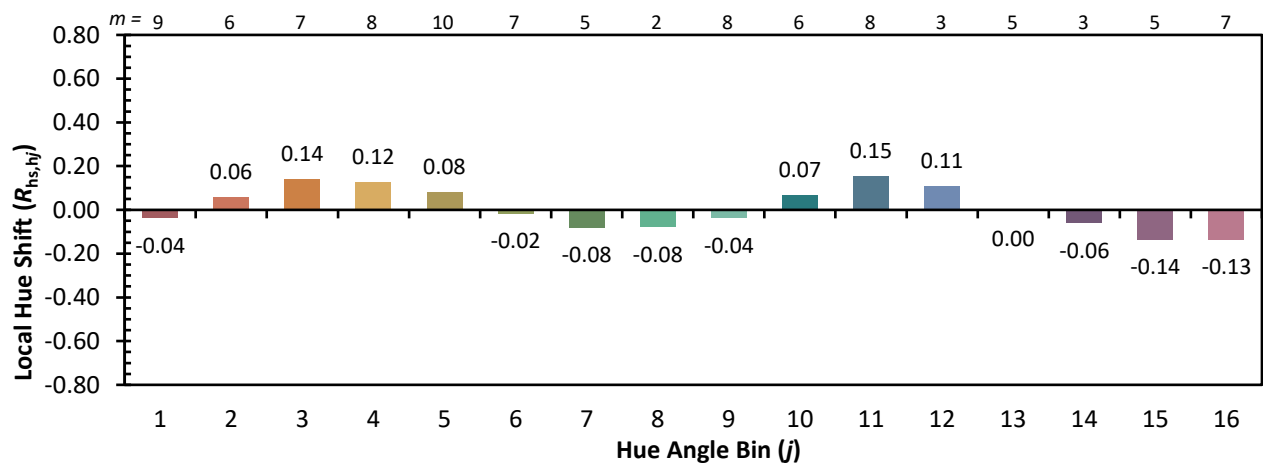
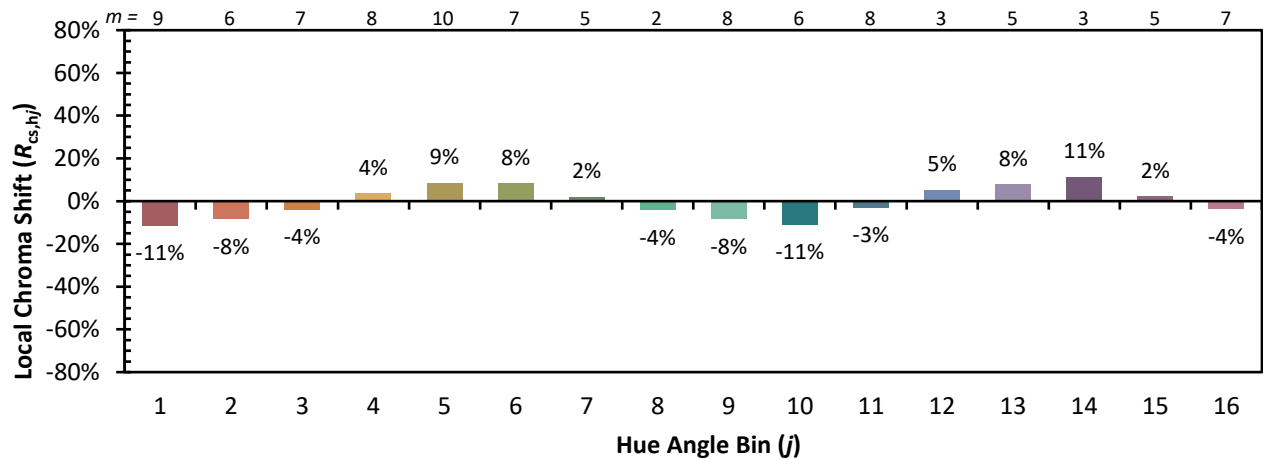


Individual Sample Fidelity Index ($R_{f,i}$)

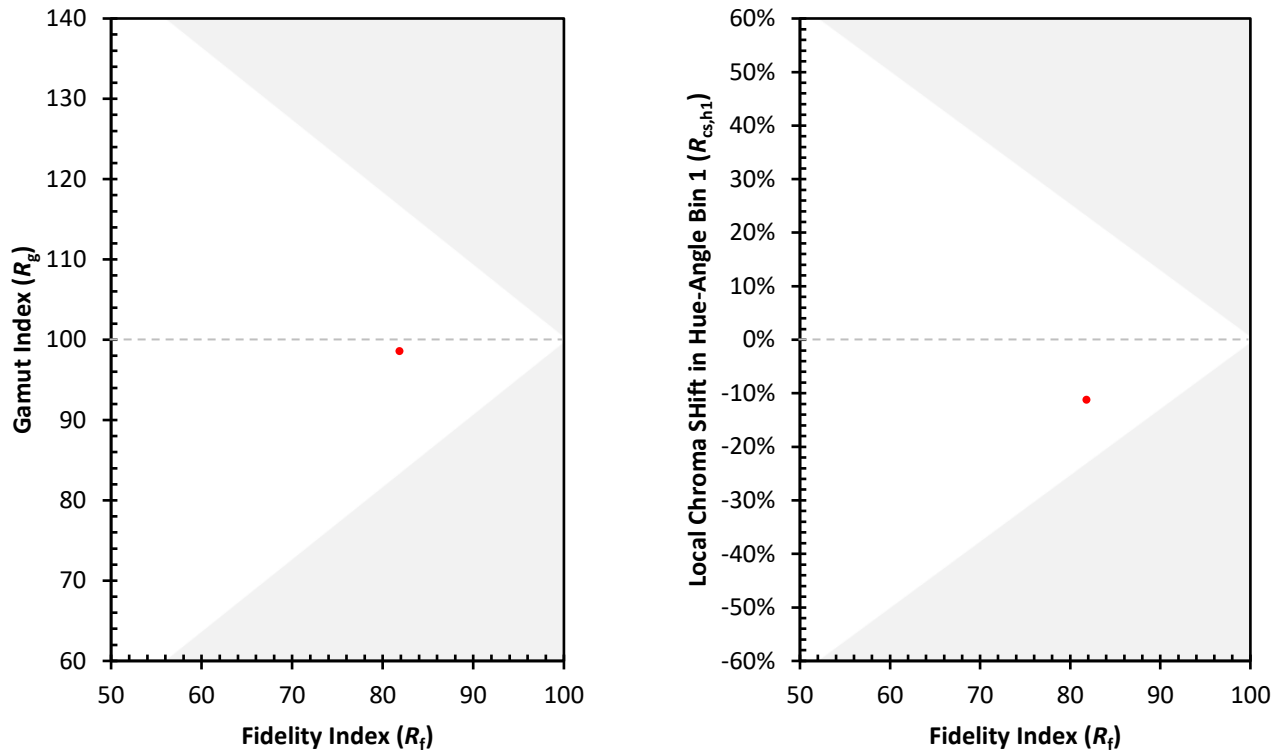
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)