

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: P1049109

Luminaire Tested: **GALN-SA3A-827-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049109
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3A-827-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
80CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (42) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8609.3 lumens
Efficiency: N/A
Efficacy: 105.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

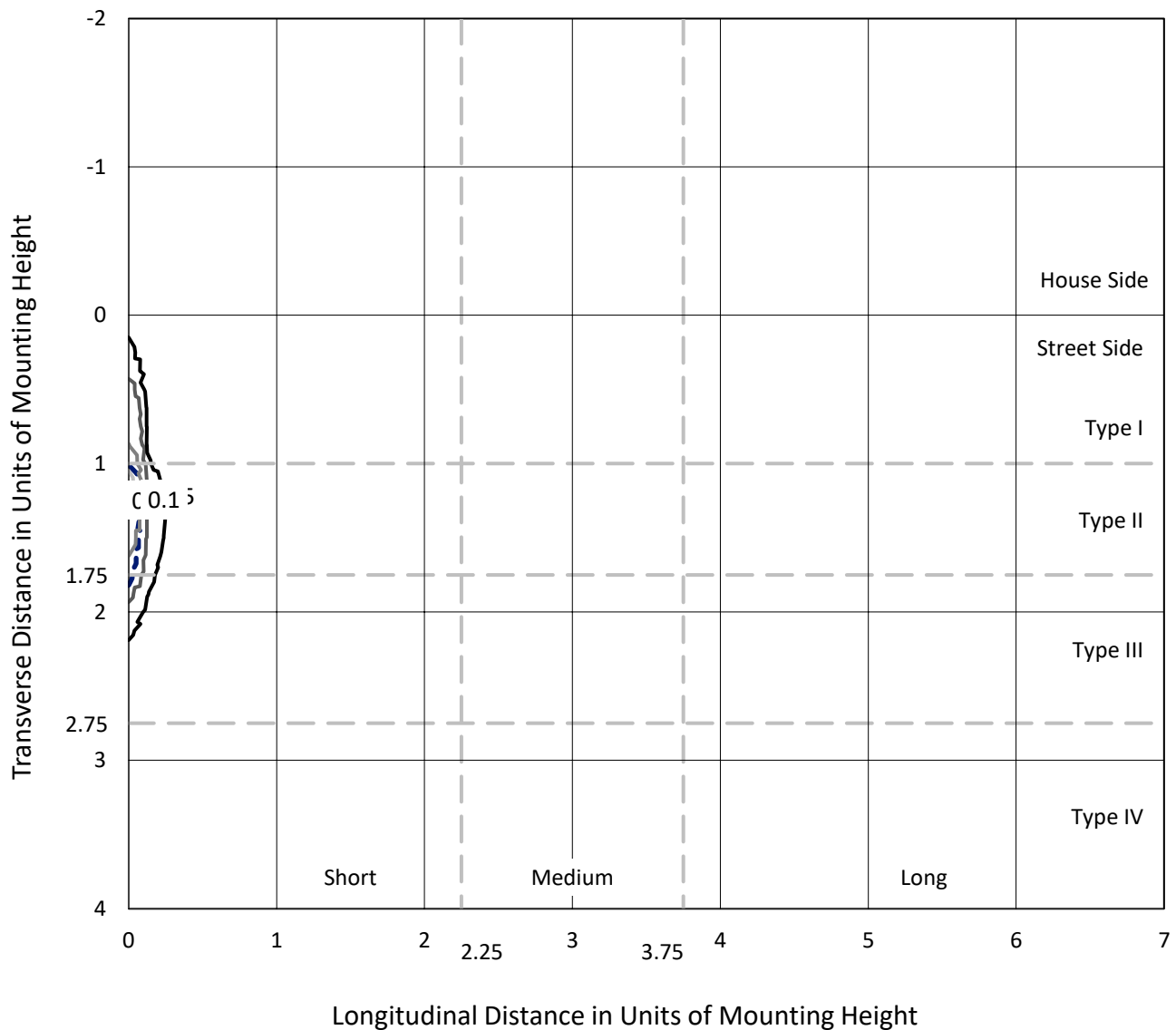
Input Watts (W): 81.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

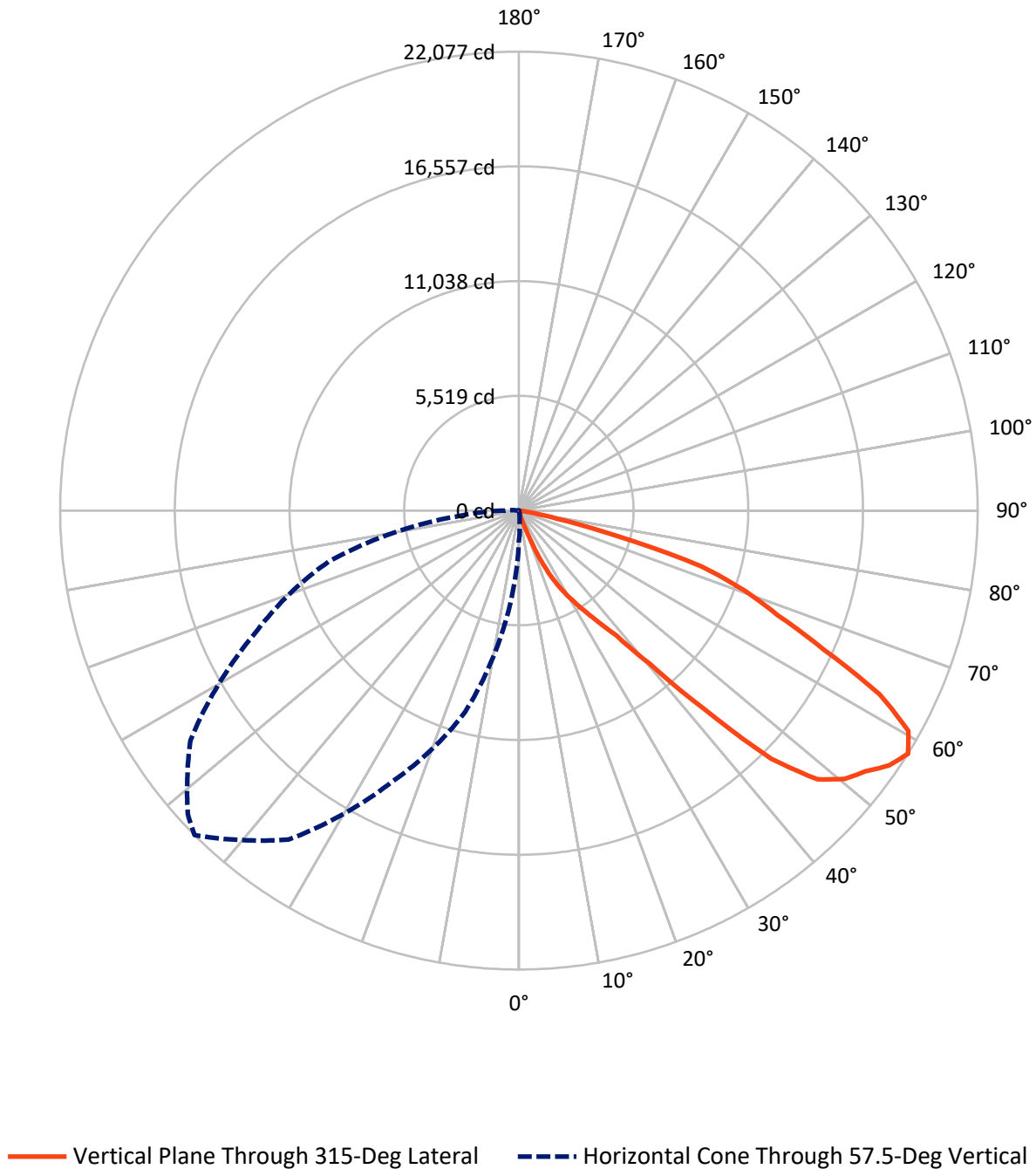
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 1.3 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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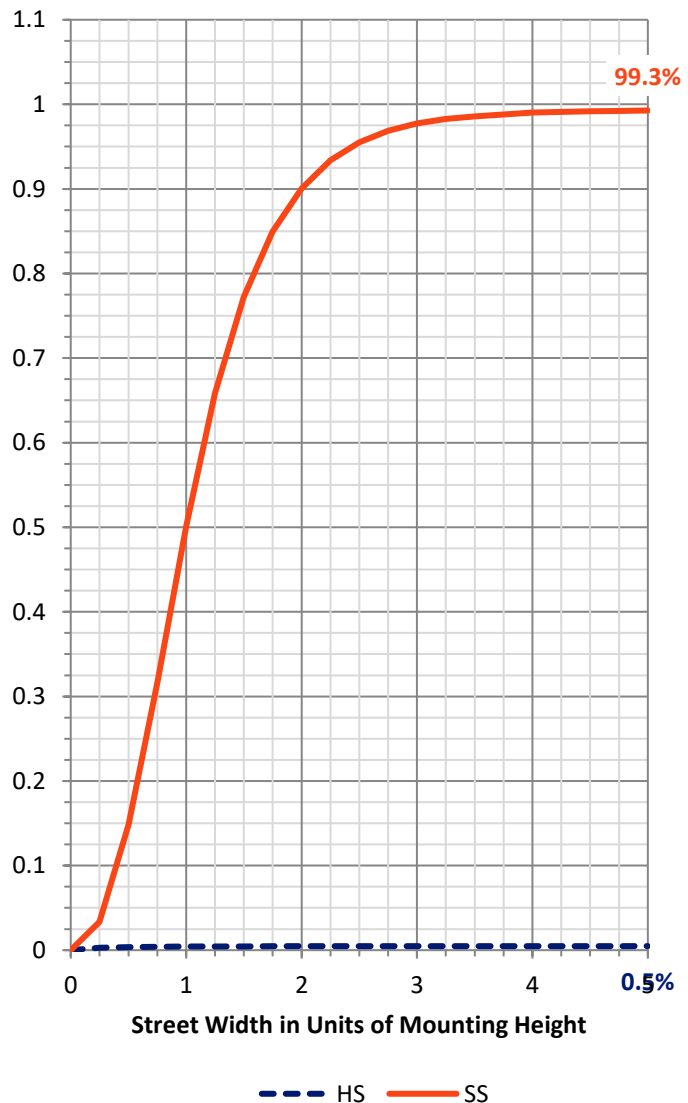
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	43.1	0.0	43.1
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	8566.1	0.0	8566.1
	% Fixture	99.5	0.0	99.5
Total	Lumens	8609.3	0.0	8609.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.4	0.0
10°-20°	18.9	0.2
20°-30°	204.0	2.4
30°-40°	603.3	7.0
40°-50°	1798.1	20.9
50°-60°	2851.2	33.1
60°-70°	2380.0	27.6
70°-80°	733.9	8.5
80°-90°	16.3	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°	8609.3	100.0
0°-180°	8609.3	100.0



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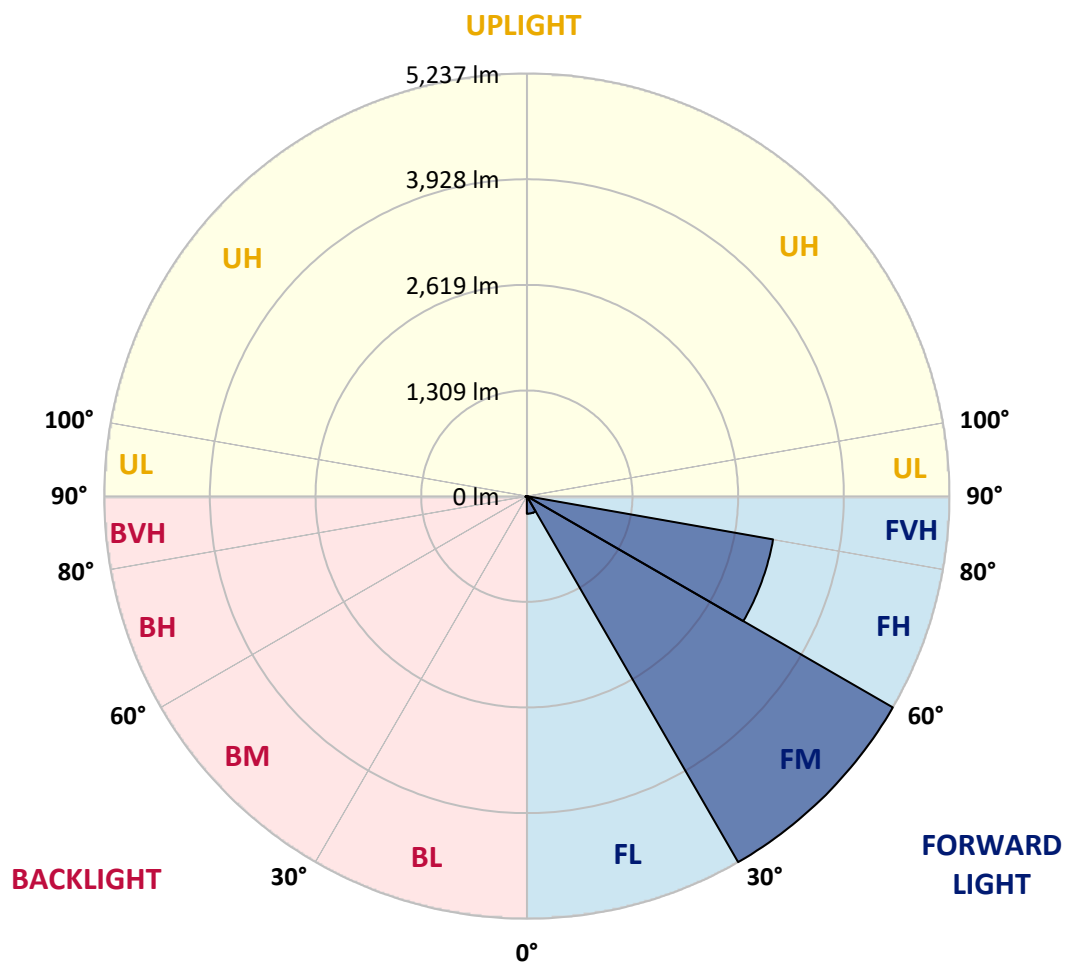
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	218.4	2.5			
FM	(30°-60°)	5237.2	60.8			
FH	(60°-80°)	3097.9	36.0			G2/5000
FVH	(80°-90°)	12.6	0.1			G1/100
BL	(0°-30°)	7.9	0.1	B0/110		
BM	(30°-60°)	15.4	0.2	B0/220		
BH	(60°-80°)	16.1	0.2	B0/110		G0/110
BVH	(80°-90°)	3.7	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-G2

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°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
2.5°	34.5	34.5	34.5	34.5	33.8	33.8	33.2	33.2	32.5	32.5
5°	36.4	36.4	35.8	35.1	35.1	34.5	33.8	33.2	33.2	32.5
7.5°	39.7	39.0	38.4	37.7	36.4	35.8	34.5	33.8	33.2	31.9
10°	43.6	42.3	41.0	39.7	38.4	37.1	35.8	35.1	33.8	33.2
12.5°	48.8	46.8	44.2	42.3	41.0	39.0	37.7	36.4	34.5	33.2
15°	53.3	50.7	47.5	44.9	42.9	40.3	38.4	36.4	35.1	33.2
17.5°	59.9	55.3	50.1	46.8	44.2	41.0	37.7	35.8	33.8	31.2
20°	70.9	61.8	52.0	48.1	44.2	40.3	36.4	33.8	31.9	29.3
22.5°	88.5	72.9	57.3	51.4	46.2	40.3	35.1	32.5	29.9	27.3
25°	122.3	94.3	66.4	58.6	50.7	42.9	35.1	31.9	29.3	26.0
27.5°	162.6	121.0	78.7	67.7	57.3	46.2	35.1	31.2	28.0	24.1
30°	203.6	148.3	92.4	78.1	63.8	49.4	35.1	30.6	26.7	22.1
32.5°	242.7	173.7	104.1	87.2	70.3	52.7	35.8	30.6	25.4	20.2
35°	282.4	194.5	106.0	88.5	70.9	52.7	35.1	29.3	24.1	18.2
37.5°	333.1	217.9	102.1	84.6	67.7	50.1	33.2	28.0	22.8	16.9
40°	409.9	257.0	104.1	85.9	67.7	49.4	31.2	26.0	21.5	16.3
42.5°	551.7	332.5	112.6	91.7	70.9	49.4	28.6	24.1	20.2	15.6
45°	953.8	552.4	150.9	119.7	88.5	57.3	26.0	22.1	18.9	15.0
47.5°	1577.7	924.5	271.3	209.5	148.3	86.5	25.4	22.1	18.9	15.0
50°	2013.6	1177.6	341.6	262.8	184.1	105.4	26.7	22.8	19.5	15.6
52.5°	2010.3	1195.8	380.6	292.1	204.3	115.8	28.0	24.1	20.8	16.9
55°	1787.2	1087.8	387.8	298.0	208.8	119.1	29.9	26.0	22.1	18.2
57.5°	1493.8	923.8	353.9	273.9	194.5	114.5	34.5	29.9	26.0	21.5
60°	1181.5	728.7	275.9	217.9	160.7	102.8	45.5	39.7	34.5	28.6
62.5°	815.8	528.3	240.7	193.2	146.4	98.9	52.0	46.2	41.0	35.1
65°	577.1	397.5	217.3	177.0	137.3	96.9	56.6	50.1	44.2	37.7
67.5°	431.3	316.2	200.4	165.9	131.4	96.9	62.5	54.6	47.5	39.7
70°	330.5	259.6	188.0	160.0	132.7	104.7	76.8	65.7	55.3	44.2
72.5°	269.3	221.9	173.7	153.5	133.4	113.2	93.0	78.7	64.4	49.4
75°	223.2	190.0	156.8	139.9	123.6	106.7	89.8	76.8	64.4	51.4
77.5°	148.3	135.3	121.7	111.9	102.1	91.7	82.0	70.9	60.5	49.4
80°	52.0	50.1	48.1	52.0	56.0	59.9	63.8	56.0	48.8	41.0
82.5°	7.8	7.2	6.5	7.2	7.8	8.5	9.1	9.8	10.4	11.1
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):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
0.0	2.5°	31.9	31.9	31.2	31.2	31.2	30.6	30.6	29.9	29.9	29.9
0.0	5°	31.2	31.2	30.6	29.9	29.3	29.3	28.6	28.0	28.0	27.3
0.0	7.5°	30.6	29.9	29.3	28.6	28.0	27.3	26.7	26.0	26.0	25.4
0.0	10°	31.2	29.9	29.3	28.0	27.3	26.7	25.4	24.7	24.1	24.1
0.0	12.5°	29.9	29.3	28.0	26.7	26.0	24.7	24.1	22.8	22.1	22.1
0.0	15°	29.9	28.6	26.7	25.4	24.1	23.4	22.1	20.8	20.2	19.5
0.0	17.5°	28.0	26.7	24.7	23.4	22.1	20.8	19.5	18.2	17.6	16.9
0.0	20°	25.4	24.1	22.1	20.2	18.9	17.6	16.3	15.0	14.3	13.7
0.0	22.5°	22.8	21.5	19.5	17.6	16.3	15.0	13.0	11.7	11.1	9.8
0.0	25°	21.5	19.5	17.6	15.6	13.7	12.4	10.4	8.5	7.2	5.9
0.0	27.5°	18.2	16.3	14.3	12.4	10.4	8.5	6.5	4.6	3.3	2.6
0.0	30°	15.6	13.7	11.7	9.8	7.2	5.2	3.3	0.7	0.7	0.7
0.0	32.5°	13.0	11.1	8.5	6.5	5.2	3.3	2.0	0.0	0.0	0.0
0.0	35°	10.4	8.5	5.9	3.9	3.3	2.0	1.3	0.0	0.0	0.0
0.0	37.5°	9.1	7.2	4.6	2.0	1.3	1.3	0.7	0.0	0.0	0.0
0.0	40°	8.5	5.9	3.3	0.7	0.7	0.7	0.0	0.0	0.0	0.0
0.0	42.5°	8.5	5.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	8.5	5.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	8.5	5.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	9.1	6.5	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	10.4	7.8	5.2	2.6	2.0	1.3	0.7	0.0	0.0	0.0
0.0	55°	13.0	11.7	9.8	8.5	6.5	4.6	2.0	0.0	0.0	0.0
0.0	57.5°	16.9	16.9	16.3	15.6	11.7	7.8	3.9	0.0	0.0	0.0
0.0	60°	22.8	22.8	22.8	22.8	16.9	11.7	5.9	0.0	0.0	0.0
0.0	62.5°	28.0	26.7	24.7	23.4	17.6	11.7	5.9	0.0	0.0	0.0
0.0	65°	28.0	25.4	22.1	18.9	14.3	9.8	4.6	0.0	0.0	0.0
0.0	67.5°	26.0	20.8	15.0	9.8	7.2	5.2	2.6	0.0	0.0	0.0
	70°	26.0	18.2	10.4	2.6	2.0	1.3	0.7	0.0	0.0	0.0
	72.5°	26.0	17.6	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	28.6	19.5	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	28.6	19.5	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	25.4	16.9	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	8.5	5.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
0.0	2.5°	29.3	29.3	29.3	28.6	28.6	28.6	28.6	28.0	28.0	28.0
0.0	5°	26.7	26.7	26.0	26.0	25.4	25.4	24.7	24.7	24.1	24.1
0.0	7.5°	24.7	24.1	24.1	23.4	22.8	22.8	22.1	22.1	21.5	20.8
0.0	10°	22.8	22.1	22.1	21.5	20.8	20.2	20.2	19.5	18.9	18.2
0.0	12.5°	20.8	20.2	19.5	18.9	18.2	17.6	17.6	16.9	16.3	15.6
0.0	15°	18.2	17.6	16.9	16.3	15.6	15.0	15.0	14.3	13.7	13.0
0.0	17.5°	15.6	15.0	15.0	14.3	13.7	13.0	12.4	11.1	10.4	9.8
0.0	20°	11.7	11.1	10.4	9.8	9.1	7.8	7.2	5.9	4.6	3.9
0.0	22.5°	7.8	6.5	5.9	4.6	3.3	2.6	2.0	0.7	0.0	0.0
0.0	25°	2.6	2.0	1.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049109

CATALOG NUMBER: GALN-SA3A-827-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
0.0	2.5°	27.3	27.3	27.3	26.7	26.7	26.7	26.7	26.7	26.7	26.7
0.0	5°	23.4	23.4	23.4	22.8	22.8	22.1	22.1	22.1	21.5	21.5
0.0	7.5°	20.2	19.5	19.5	18.9	18.9	18.2	18.2	18.2	17.6	17.6
0.0	10°	16.9	16.3	16.3	15.6	15.6	15.0	15.0	14.3	14.3	13.7
0.0	12.5°	15.0	14.3	13.7	13.0	13.0	12.4	11.7	11.7	11.1	10.4
0.0	15°	11.7	11.1	10.4	9.8	9.1	8.5	7.8	7.8	7.2	6.5
0.0	17.5°	7.8	6.5	5.9	5.2	5.2	4.6	3.9	3.3	2.6	2.0
0.0	20°	2.0	1.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049109

CATALOG NUMBER: GALN-SA3A-827-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°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
0.0	2.5°	26.7	26.0	26.0	26.0	26.7	26.7	26.7	26.7	26.7	26.7
0.0	5°	21.5	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
0.0	7.5°	17.6	16.9	16.9	16.9	16.9	16.3	16.3	16.3	16.3	16.3
0.0	10°	13.7	13.0	13.0	13.0	13.0	12.4	12.4	12.4	12.4	12.4
0.0	12.5°	9.8	9.8	9.1	9.1	9.1	8.5	8.5	8.5	8.5	7.8
0.0	15°	5.9	5.2	4.6	4.6	4.6	3.9	3.9	3.9	3.9	3.3
0.0	17.5°	1.3	1.3	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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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°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
0.0	2.5°	27.3	27.3	28.0	28.0	28.6	29.9	30.6	31.2	32.5	33.8
0.0	5°	21.5	22.1	22.1	22.8	23.4	24.1	24.7	25.4	26.7	28.0
0.0	7.5°	16.9	16.9	17.6	17.6	18.2	19.5	20.2	20.8	22.1	24.1
0.0	10°	13.0	13.0	13.7	13.7	14.3	15.6	16.3	16.9	18.2	20.2
0.0	12.5°	8.5	9.1	9.1	9.8	10.4	11.7	12.4	13.0	14.3	15.6
0.0	15°	3.9	4.6	4.6	5.2	5.9	7.2	7.8	8.5	9.8	11.7
0.0	17.5°	0.7	0.7	1.3	1.3	2.0	2.6	3.3	3.9	5.9	7.2
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.6
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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: P1049109

CATALOG NUMBER: GALN-SA3A-827-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°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
0.0	2.5°	35.8	37.1	38.4	39.7	41.0	42.3	42.9	44.2	44.9	45.5
0.0	5°	30.6	31.9	33.8	35.1	36.4	37.7	39.0	39.7	40.3	41.0
0.0	7.5°	26.7	28.0	29.9	31.2	32.5	33.8	35.1	36.4	37.1	37.7
0.0	10°	22.8	24.7	26.0	28.0	29.3	30.6	31.9	33.2	34.5	35.1
0.0	12.5°	18.2	20.2	22.1	23.4	25.4	27.3	28.6	29.9	31.2	32.5
0.0	15°	14.3	16.3	18.2	19.5	21.5	23.4	25.4	26.7	28.0	29.3
0.0	17.5°	10.4	12.4	14.3	15.6	17.6	19.5	20.8	22.8	24.1	25.4
0.0	20°	5.2	7.2	9.1	11.1	13.0	15.0	16.3	18.2	19.5	20.8
0.0	22.5°	0.7	2.6	4.6	5.9	7.8	9.8	11.1	13.0	14.3	15.6
0.0	25°	0.0	0.7	2.0	2.6	3.3	4.6	5.9	7.2	8.5	9.8
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.7	1.3	2.6	3.9	5.2
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
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	0.7
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	1.3
	85°	0.0	0.0	0.0	0.0	0.0	1.3	2.0	3.3	3.9	4.6
	87.5°	0.0	0.7	1.3	2.0	2.6	3.9	5.2	6.5	7.2	7.8
	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: P1049109

CATALOG NUMBER: GALN-SA3A-827-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
37.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	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											
0.7											
2.6											
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REPORT NUMBER: P1049109

CATALOG NUMBER: GALN-SA3A-827-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
0.0	2.5°	46.2	46.2	46.2	46.2	45.5	45.5	45.5	44.9	44.9	44.2
0.0	5°	42.3	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.3	42.3
0.0	7.5°	39.0	39.7	40.3	40.3	41.0	41.0	41.0	40.3	40.3	39.7
0.0	10°	37.1	37.7	37.7	38.4	38.4	38.4	38.4	38.4	38.4	38.4
0.0	12.5°	34.5	35.1	35.8	35.8	36.4	36.4	36.4	36.4	35.8	35.8
0.0	15°	31.2	32.5	33.2	33.8	33.8	34.5	34.5	34.5	34.5	34.5
0.0	17.5°	28.6	29.9	30.6	31.2	31.2	31.9	31.9	32.5	32.5	32.5
0.0	20°	23.4	24.7	25.4	26.7	27.3	28.0	28.6	29.3	29.3	29.9
0.0	22.5°	18.2	19.5	20.2	21.5	22.1	22.8	23.4	24.1	24.7	25.4
0.0	25°	13.0	14.3	15.0	16.3	16.9	17.6	18.2	18.9	18.9	19.5
0.0	27.5°	7.2	8.5	9.8	10.4	11.7	12.4	13.0	13.7	14.3	15.0
0.0	30°	3.3	3.9	4.6	5.9	6.5	7.2	7.8	9.1	9.8	10.4
0.0	32.5°	0.0	0.0	0.7	2.0	2.6	3.3	3.9	4.6	4.6	5.2
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.3	2.0	2.6
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°	1.3	1.3	1.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	82.5°	3.3	3.9	4.6	4.6	5.2	5.2	5.2	5.2	4.6	4.6
	85°	6.5	7.2	7.8	7.8	8.5	8.5	8.5	8.5	8.5	8.5
	87.5°	9.1	9.8	10.4	10.4	11.1	11.1	11.1	11.1	11.1	11.1
	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: P1049109

CATALOG NUMBER: GALN-SA3A-827-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
37.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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0.0											
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REPORT NUMBER: P1049109

CATALOG NUMBER: GALN-SA3A-827-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°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
0.0	2.5°	43.6	43.6	42.9	42.9	42.9	42.9	42.9	43.6	44.2	44.2
0.0	5°	41.6	41.6	41.0	41.0	41.0	41.6	41.6	42.3	42.9	43.6
0.0	7.5°	39.7	39.0	39.0	39.7	39.7	40.3	40.3	41.0	41.6	42.3
0.0	10°	38.4	37.7	37.7	37.7	38.4	38.4	39.0	39.7	40.3	41.0
0.0	12.5°	35.8	35.8	35.8	35.8	36.4	36.4	37.1	37.7	39.0	39.7
0.0	15°	34.5	33.8	33.8	33.8	33.8	34.5	34.5	35.8	37.1	37.7
0.0	17.5°	31.9	31.9	31.2	31.2	31.9	31.9	32.5	33.8	35.1	35.8
0.0	20°	29.3	28.6	28.0	28.0	28.6	28.6	29.3	30.6	31.9	32.5
0.0	22.5°	25.4	24.7	24.7	24.7	24.7	25.4	25.4	26.7	28.6	29.9
0.0	25°	20.2	20.8	20.8	21.5	21.5	22.1	22.8	24.1	26.0	27.3
0.0	27.5°	15.6	16.3	16.3	17.6	18.2	18.9	19.5	21.5	23.4	24.7
0.0	30°	11.7	12.4	13.0	13.7	15.0	16.3	17.6	19.5	21.5	22.8
0.0	32.5°	7.2	8.5	9.1	10.4	11.7	13.0	14.3	16.3	18.9	20.8
0.0	35°	5.2	5.9	7.2	7.8	9.1	10.4	11.7	14.3	16.3	18.9
0.0	37.5°	2.6	3.9	5.2	6.5	7.8	9.1	10.4	13.0	15.6	17.6
0.0	40°	2.0	3.3	3.9	5.2	7.2	8.5	9.8	12.4	15.0	17.6
0.0	42.5°	1.3	2.0	2.6	4.6	5.9	7.8	9.8	12.4	15.0	17.6
0.0	45°	1.3	1.3	2.0	3.9	5.9	8.5	10.4	13.0	15.0	17.6
0.0	47.5°	1.3	2.0	2.6	5.2	6.5	8.5	10.4	12.4	15.0	16.9
0.0	50°	2.0	2.6	3.3	5.9	7.2	9.1	10.4	13.0	15.0	17.6
0.0	52.5°	1.3	2.0	2.6	5.2	7.2	9.8	11.7	14.3	16.9	18.9
0.0	55°	0.7	0.7	0.7	3.9	7.8	11.1	15.0	16.9	19.5	21.5
0.0	57.5°	0.0	0.0	0.0	2.6	7.8	12.4	16.9	19.5	22.1	24.1
0.0	60°	0.0	0.0	0.0	2.6	7.8	12.4	16.9	20.2	23.4	26.7
0.0	62.5°	0.0	0.0	0.0	2.6	6.5	10.4	14.3	19.5	25.4	30.6
0.0	65°	0.0	0.0	0.0	2.0	5.2	8.5	11.7	19.5	27.3	34.5
0.0	67.5°	0.0	0.0	0.0	2.0	5.2	7.8	11.1	19.5	27.3	35.8
	70°	0.0	0.0	0.0	2.0	5.2	8.5	11.7	19.5	27.3	35.1
	72.5°	0.0	0.0	0.0	2.0	5.9	9.1	13.0	19.5	26.0	32.5
	75°	0.0	0.0	0.0	2.6	5.9	9.8	13.7	19.5	25.4	30.6
	77.5°	0.0	0.0	0.0	2.0	5.9	9.1	13.0	18.9	24.7	29.9
	80°	2.0	1.3	1.3	3.3	5.9	8.5	11.1	16.9	23.4	29.3
	82.5°	3.9	3.9	3.3	4.6	5.9	7.8	9.8	15.0	20.8	26.0
	85°	7.8	7.8	7.2	7.8	7.8	8.5	9.1	11.7	14.3	16.9
	87.5°	10.4	10.4	9.8	9.8	9.8	9.1	9.1	9.1	9.1	8.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049109

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
37.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.9											
39.0											
36.4											
35.8											
35.1											
31.2											
19.5											
8.5											
0.0											
0.0											
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REPORT NUMBER: P1049109

CATALOG NUMBER: GALN-SA3A-827-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
0.0	2.5°	45.5	46.2	46.2	46.8	47.5	48.1	48.1	48.8	48.8	48.8
0.0	5°	44.9	46.2	46.8	47.5	48.1	48.8	49.4	50.1	50.7	50.7
0.0	7.5°	44.2	44.9	46.2	46.8	48.1	48.8	50.1	50.7	51.4	52.0
0.0	10°	42.9	44.2	45.5	46.8	48.1	49.4	50.7	52.0	53.3	54.0
0.0	12.5°	41.6	43.6	44.9	46.2	48.1	50.1	51.4	53.3	54.6	56.0
0.0	15°	41.0	42.3	44.2	45.5	48.1	50.7	52.7	55.3	57.9	59.9
0.0	17.5°	39.0	41.6	43.6	45.5	48.1	51.4	54.0	56.6	60.5	64.4
0.0	20°	36.4	38.4	41.0	42.9	46.8	50.1	54.0	57.3	63.1	69.0
0.0	22.5°	33.8	36.4	38.4	41.0	45.5	49.4	54.0	57.9	67.7	76.8
0.0	25°	31.2	34.5	37.1	39.7	44.9	50.1	55.3	60.5	76.8	93.0
0.0	27.5°	29.9	32.5	35.8	38.4	44.9	52.0	58.6	65.1	91.1	116.5
0.0	30°	28.0	31.2	33.8	37.1	45.5	54.0	62.5	70.9	110.6	150.3
0.0	32.5°	26.0	29.3	32.5	35.8	46.8	57.9	68.3	79.4	131.4	182.8
0.0	35°	24.1	28.0	31.2	34.5	48.8	63.8	78.1	92.4	150.3	207.5
0.0	37.5°	23.4	27.3	30.6	33.8	49.4	64.4	80.0	95.0	152.2	209.5
0.0	40°	24.1	27.3	31.2	34.5	47.5	60.5	72.9	85.9	145.7	204.9
0.0	42.5°	24.1	28.0	31.9	35.8	46.2	56.6	67.0	77.4	143.8	210.1
0.0	45°	23.4	27.3	31.2	35.1	44.9	54.0	63.8	72.9	155.5	237.5
0.0	47.5°	22.8	26.7	30.6	34.5	44.2	54.0	63.8	73.5	201.0	327.9
0.0	50°	22.8	26.7	29.9	33.2	44.9	57.3	69.0	80.7	292.8	504.2
0.0	52.5°	24.1	27.3	29.9	32.5	46.2	60.5	74.2	87.8	372.1	655.8
0.0	55°	26.0	28.0	30.6	32.5	49.4	65.7	82.6	98.9	396.2	693.5
0.0	57.5°	28.6	30.6	32.5	34.5	55.3	76.1	96.3	117.1	398.2	678.6
0.0	60°	31.9	34.5	36.4	38.4	60.5	83.3	105.4	127.5	360.4	592.7
0.0	62.5°	39.0	42.3	44.9	48.1	69.6	90.4	111.9	132.7	299.3	465.8
0.0	65°	44.9	47.5	50.1	52.7	73.5	95.0	115.8	136.6	253.7	370.8
0.0	67.5°	46.2	48.8	50.7	53.3	74.8	96.3	117.1	138.6	217.3	295.4
	70°	46.8	50.1	54.0	57.3	79.4	101.5	123.0	145.1	192.6	240.1
	72.5°	44.9	51.4	57.3	63.1	83.9	104.1	124.9	145.1	178.9	212.7
	75°	44.9	54.0	62.5	70.9	86.5	101.5	117.1	132.1	158.1	184.1
	77.5°	47.5	59.2	70.9	82.6	91.7	100.2	109.3	117.8	134.7	151.6
	80°	47.5	59.9	71.6	83.9	87.8	92.4	96.3	100.2	102.1	104.1
	82.5°	41.0	50.7	60.5	70.3	65.7	61.2	56.6	52.0	48.8	44.9
	85°	20.8	22.8	24.1	25.4	23.4	21.5	19.5	17.6	16.3	14.3
	87.5°	8.5	8.5	7.8	7.8	7.8	7.8	7.2	7.2	7.2	7.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049109

CATALOG NUMBER: GALN-SA3A-827-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
37.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
192.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
325.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
370.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
403.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
436.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
501.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
631.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
962.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1474.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1856.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1899.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1713.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1465.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1145.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
865.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
638.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
452.2											
336.4											
244.6											
184.1											
103.4											
46.8											
13.7											
6.5											
0.0											
0.0											
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REPORT NUMBER: P1049109

CATALOG NUMBER: GALN-SA3A-827-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°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
0.0	2.5°	48.8	48.1	48.1	47.5	46.8	46.2	45.5	44.9	44.2	43.6
0.0	5°	50.7	50.7	50.7	50.1	50.1	49.4	49.4	48.8	48.1	47.5
0.0	7.5°	52.7	53.3	53.3	54.0	54.0	54.0	54.0	53.3	53.3	53.3
0.0	10°	56.0	56.6	57.3	57.9	58.6	59.2	59.2	59.9	59.9	59.9
0.0	12.5°	59.9	61.8	63.1	65.1	66.4	68.3	69.6	71.6	72.9	74.2
0.0	15°	65.7	69.0	72.9	76.1	79.4	83.9	89.1	93.7	98.2	105.4
0.0	17.5°	74.2	84.6	95.0	104.7	115.2	137.9	160.7	182.8	205.6	238.8
0.0	20°	90.4	121.7	152.2	183.5	214.0	294.1	373.4	453.5	532.8	618.1
0.0	22.5°	126.9	203.6	280.4	357.2	433.9	601.1	767.7	934.9	1101.5	1297.3
0.0	25°	184.1	325.3	466.5	607.0	748.2	1009.7	1271.9	1533.4	1795.0	2049.4
0.0	27.5°	268.0	484.0	700.0	915.4	1131.4	1486.0	1841.2	2195.8	2550.3	2837.9
0.0	30°	371.5	664.3	957.0	1249.8	1542.6	1945.9	2349.3	2752.0	3155.4	3469.6
0.0	32.5°	469.1	827.6	1186.0	1543.9	1902.3	2361.7	2821.6	3280.9	3740.3	4083.8
0.0	35°	532.8	966.1	1400.1	1833.4	2266.7	2763.7	3260.8	3757.2	4254.2	4646.5
0.0	37.5°	596.6	1096.9	1596.6	2096.9	2596.5	3142.4	3688.2	4234.1	4779.9	5264.6
0.0	40°	668.2	1255.0	1841.2	2428.0	3014.2	3660.9	4306.9	4953.6	5599.7	6283.4
0.0	42.5°	792.4	1517.2	2242.6	2967.4	3692.1	4547.6	5403.2	6258.1	7113.6	8089.5
0.0	45°	1026.0	2047.4	3069.5	4090.9	5112.4	6245.7	7379.7	8513.0	9646.3	10944.9
0.0	47.5°	1597.9	3003.1	4407.8	5813.0	7217.7	8441.4	9664.6	10888.3	12111.4	13404.8
0.0	50°	2444.9	4080.5	5716.1	7351.0	8986.6	10093.9	11200.6	12307.9	13414.6	14644.8
0.0	52.5°	3057.8	4761.7	6466.2	8170.1	9874.0	10873.4	11873.3	12872.6	13871.9	15021.5
0.0	55°	3104.0	4798.1	6492.9	8187.1	9881.2	10885.1	11888.9	12892.8	13896.7	15115.2
0.0	57.5°	2748.1	4428.6	6108.4	7788.9	9468.7	10611.8	11754.3	12897.4	14039.8	15357.2
0.0	60°	2337.6	4018.7	5699.2	7380.3	9060.8	10377.6	11695.1	13011.9	14328.7	15562.8
0.0	62.5°	1823.6	3552.9	5282.8	7012.1	8741.4	10078.3	11415.3	12751.6	14088.6	15014.4
0.0	65°	1359.1	3038.3	4717.4	6396.0	8075.2	9146.0	10216.9	11287.1	12358.0	12931.2
0.0	67.5°	982.4	2430.6	3878.2	5326.4	6774.0	7540.4	8306.8	9072.5	9838.9	10277.4
	70°	664.3	1667.5	2670.0	3673.2	4675.8	5305.6	5936.0	6565.8	7195.6	7787.6
	72.5°	460.0	1023.4	1587.4	2150.9	2714.3	3348.0	3981.0	4614.7	5247.7	5874.2
	75°	305.1	561.5	818.4	1074.8	1331.1	1800.2	2269.9	2739.0	3208.1	3581.5
	77.5°	216.6	293.4	370.8	447.6	524.4	612.2	700.7	788.5	876.3	1009.7
	80°	102.8	112.6	122.3	131.4	141.2	173.1	204.9	236.8	268.7	302.5
	82.5°	48.8	52.7	56.6	59.9	63.8	67.0	70.3	73.5	76.8	73.5
	85°	13.0	13.0	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.0
	87.5°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.2	5.2	4.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GALN-SA3A-827-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
37.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
271.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
703.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1493.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2303.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3125.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3784.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4427.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5038.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5749.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6967.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9065.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12243.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14698.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15875.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16171.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16334.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16674.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16796.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15940.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13505.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10716.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8379.0											
6500.7											
3955.0											
1143.1											
336.4											
69.6											
12.4											
4.6											
0.0											
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CATALOG NUMBER: GALN-SA3A-827-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
0.0	2.5°	42.3	41.6	41.0	40.3	39.7	38.4	38.4	37.7	37.7
0.0	5°	46.2	45.5	44.9	44.2	44.2	43.6	42.9	42.9	42.3
0.0	7.5°	52.7	52.0	51.4	50.7	50.7	50.1	50.1	49.4	49.4
0.0	10°	60.5	60.5	60.5	60.5	60.5	59.9	59.9	59.9	59.2
0.0	12.5°	76.1	76.8	78.1	79.4	81.3	81.3	81.3	80.7	80.7
0.0	15°	120.4	127.5	132.7	137.9	142.5	152.9	151.6	149.6	148.3
0.0	17.5°	304.5	337.0	354.6	371.5	389.1	437.2	429.4	421.6	414.4
0.0	20°	789.2	874.4	931.0	987.6	1044.9	1135.3	1113.2	1091.0	1068.9
0.0	22.5°	1688.3	1884.1	1969.3	2054.6	2139.1	2248.4	2177.5	2106.6	2036.4
0.0	25°	2557.5	2811.9	2955.6	3099.4	3242.6	3305.0	3212.6	3119.6	3027.2
0.0	27.5°	3413.0	3700.6	3827.4	3953.7	4080.5	4211.3	4096.8	3981.6	3867.1
0.0	30°	4098.7	4413.0	4550.2	4686.9	4824.1	4915.2	4796.8	4677.8	4559.4
0.0	32.5°	4771.4	5115.0	5265.2	5415.5	5565.2	5695.9	5550.2	5403.8	5258.1
0.0	35°	5430.5	5822.8	6029.7	6236.6	6443.5	6565.1	6392.1	6218.4	6045.3
0.0	37.5°	6234.6	6719.3	6950.9	7182.5	7414.2	7636.0	7445.4	7254.1	7063.5
0.0	40°	7651.0	8334.7	8690.0	9045.8	9401.1	9687.3	9446.6	9205.9	8965.2
0.0	42.5°	10041.2	11017.1	11527.9	12037.9	12548.6	12995.6	12742.5	12489.4	12236.3
0.0	45°	13542.1	14840.7	15463.3	16085.3	16707.9	17034.5	16670.1	16305.2	15940.8
0.0	47.5°	15990.9	17284.3	17838.6	18392.9	18947.2	19320.0	18874.3	18428.7	17983.7
0.0	50°	17104.7	18335.0	18891.3	19446.9	20003.1	20299.1	19784.5	19269.3	18754.6
0.0	52.5°	17320.1	18469.7	19133.3	19797.5	20461.1	20856.7	20249.1	19640.7	19033.1
0.0	55°	17553.0	18771.6	19541.2	20311.5	21081.2	21629.0	20941.9	20254.3	19567.2
0.0	57.5°	17991.5	19308.9	20076.6	20843.7	21611.4	22076.6	21387.6	20698.0	20009.0
0.0	60°	18030.5	19264.1	19923.8	20584.1	21243.8	21536.6	20877.5	20217.8	19558.8
0.0	62.5°	16866.6	17792.4	18250.4	18708.4	19166.5	19484.6	18796.9	18108.6	17420.9
0.0	65°	14078.2	14651.3	15016.3	15381.3	15746.3	16125.6	15495.8	14866.0	14236.3
0.0	67.5°	11155.1	11593.6	12074.4	12555.1	13035.9	13441.2	12937.0	12432.2	11928.0
	70°	8971.0	9562.4	10103.1	10643.7	11184.3	11516.1	11010.0	10503.2	9997.0
	72.5°	7127.2	7753.8	8205.3	8656.1	9107.6	9189.0	8816.8	8444.7	8073.2
	75°	4327.7	4701.2	4710.3	4718.7	4727.9	4805.3	4496.9	4188.5	3880.8
	77.5°	1276.5	1409.8	1519.8	1629.1	1739.0	1871.8	1758.6	1644.7	1531.5
	80°	369.5	403.4	432.0	460.0	488.6	471.7	445.0	418.3	391.7
	82.5°	66.4	62.5	61.8	61.2	61.2	57.9	52.7	47.5	42.3
	85°	11.7	11.1	10.4	9.8	9.1	8.5	7.2	6.5	5.2
	87.5°	3.9	3.3	2.6	2.0	2.0	0.7	0.7	0.7	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GALN-SA3A-827-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
37.7	37.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.1	37.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.6	41.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.8	48.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.2	58.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.0	78.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.4	139.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
406.6	372.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1046.8	953.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965.4	1791.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2934.2	2715.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3752.6	3500.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4440.9	4170.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5112.4	4788.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5872.3	5494.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6872.2	6407.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8724.4	8125.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11983.3	11174.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15576.5	14573.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17538.0	16454.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18240.0	17137.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18424.8	17299.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18879.6	17672.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19320.0	18082.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18899.7	17822.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16732.6	15875.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13606.5	12980.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11423.8	10718.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9490.2	8722.5										
7701.1	7009.5										
3572.4	3295.9										
1418.3	1268.7										
365.0	327.2										
37.1	35.1										
3.9	3.3										
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	0.0										
0.0	0.0										
0.0	0.0										

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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°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
0.0	0.0	2.5°	37.1	36.4	36.4	36.4	36.4	35.8	35.8	35.8	35.8
0.0	0.0	5°	41.0	41.0	40.3	40.3	39.7	39.7	39.0	39.0	38.4
0.0	0.0	7.5°	48.1	47.5	46.8	46.2	45.5	44.2	43.6	42.9	42.9
0.0	0.0	10°	57.9	56.6	56.0	54.6	54.0	52.7	51.4	50.1	48.8
0.0	0.0	12.5°	76.1	73.5	71.6	69.0	66.4	64.4	61.8	59.9	57.3
0.0	0.0	15°	132.1	125.6	118.4	110.0	100.8	92.4	83.3	78.1	72.2
0.0	0.0	17.5°	337.7	303.8	269.3	241.4	213.4	186.1	158.1	137.9	117.8
0.0	0.0	20°	859.4	765.7	672.1	579.7	486.6	394.3	301.2	254.4	207.5
0.0	0.0	22.5°	1617.4	1443.7	1269.3	1100.8	931.6	763.1	594.6	488.6	383.2
0.0	0.0	25°	2496.3	2277.7	2059.1	1782.0	1504.2	1227.0	949.9	777.5	605.1
0.0	0.0	27.5°	3248.4	2996.6	2744.9	2407.8	2070.8	1733.8	1396.8	1139.8	883.5
0.0	0.0	30°	3899.7	3629.0	3358.4	2966.1	2573.7	2181.4	1789.1	1467.7	1146.3
0.0	0.0	32.5°	4464.4	4140.4	3816.4	3411.7	3007.0	2602.4	2197.7	1803.4	1409.2
0.0	0.0	35°	5115.6	4737.6	4359.0	3910.1	3460.5	3011.6	2562.7	2117.7	1672.0
0.0	0.0	37.5°	5943.2	5479.3	5014.8	4514.5	4014.2	3514.5	3014.2	2505.4	1996.7
0.0	0.0	40°	7527.4	6928.8	6330.3	5694.6	5058.4	4422.7	3787.1	3162.5	2538.0
0.0	0.0	42.5°	10365.9	9557.2	8748.5	7902.8	7056.3	6210.6	5364.1	4483.2	3601.7
0.0	0.0	45°	13569.4	12566.2	11562.3	10613.1	9663.3	8714.0	7764.8	6556.0	5347.2
0.0	0.0	47.5°	15370.9	14287.7	13204.4	12306.0	11407.5	10509.0	9610.6	8307.4	7004.3
0.0	0.0	50°	16033.9	14931.1	13828.3	13001.4	12173.9	11347.0	10519.4	9214.3	7908.6
0.0	0.0	52.5°	16175.0	15050.2	13925.3	13093.2	12261.1	11429.6	10597.5	9300.9	8004.2
0.0	0.0	55°	16465.2	15258.4	14050.9	13102.3	12153.7	11205.2	10256.6	8939.1	7621.7
0.0	0.0	57.5°	16844.5	15607.1	14369.6	13289.0	12208.4	11128.4	10047.8	8607.3	7166.9
0.0	0.0	60°	16745.0	15668.2	14590.8	13433.4	12275.4	11118.0	9959.9	8375.7	6790.9
0.0	0.0	62.5°	15017.0	14159.5	13301.4	12349.6	11397.1	10445.3	9493.5	7862.4	6231.4
0.0	0.0	65°	12354.1	11728.2	11102.4	10336.6	9570.2	8804.5	8038.7	6576.2	5114.3
0.0	0.0	67.5°	10012.6	9307.4	8601.5	7991.2	7380.3	6770.1	6159.2	5008.3	3857.4
		70°	7954.8	7187.7	6420.0	5824.1	5227.5	4631.6	4035.6	3270.5	2506.1
		72.5°	6317.3	5625.7	4934.1	4298.5	3662.2	3026.6	2390.3	1938.1	1486.0
		75°	3019.4	2742.9	2466.4	2133.9	1801.5	1469.0	1136.6	939.5	743.0
		77.5°	1119.0	970.0	820.4	685.1	549.8	415.1	279.8	256.3	232.9
		80°	289.5	252.4	214.7	188.0	160.7	134.0	107.3	96.9	87.2
		82.5°	33.2	30.6	28.6	27.3	25.4	24.1	22.1	20.2	18.2
		85°	2.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049109

CATALOG NUMBER: GALN-SA3A-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049109

CATALOG NUMBER: GALN-SA3A-827-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	37.7	37.7
0.0	0.0	2.5°	35.1	34.5
0.0	0.0	5°	37.1	36.4
0.0	0.0	7.5°	41.0	39.7
0.0	0.0	10°	44.9	43.6
0.0	0.0	12.5°	50.7	48.8
0.0	0.0	15°	57.3	53.3
0.0	0.0	17.5°	68.3	59.9
0.0	0.0	20°	92.4	70.9
0.0	0.0	22.5°	130.1	88.5
0.0	0.0	25°	191.3	122.3
0.0	0.0	27.5°	266.1	162.6
0.0	0.0	30°	353.9	203.6
0.0	0.0	32.5°	431.3	242.7
0.0	0.0	35°	532.2	282.4
0.0	0.0	37.5°	656.4	333.1
0.0	0.0	40°	849.0	409.9
0.0	0.0	42.5°	1195.8	551.7
0.0	0.0	45°	1942.0	953.8
0.0	0.0	47.5°	2988.2	1577.7
0.0	0.0	50°	3655.7	2013.6
0.0	0.0	52.5°	3710.3	2010.3
0.0	0.0	55°	3387.0	1787.2
0.0	0.0	57.5°	2889.9	1493.8
0.0	0.0	60°	2402.0	1181.5
0.0	0.0	62.5°	1892.6	815.8
0.0	0.0	65°	1383.2	577.1
0.0	0.0	67.5°	993.5	431.3
		70°	653.2	330.5
		72.5°	425.5	269.3
		75°	286.3	223.2
		77.5°	167.2	148.3
		80°	59.2	52.0
		82.5°	11.1	7.8
		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: P1049109

CATALOG NUMBER: GALN-SA3A-827-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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

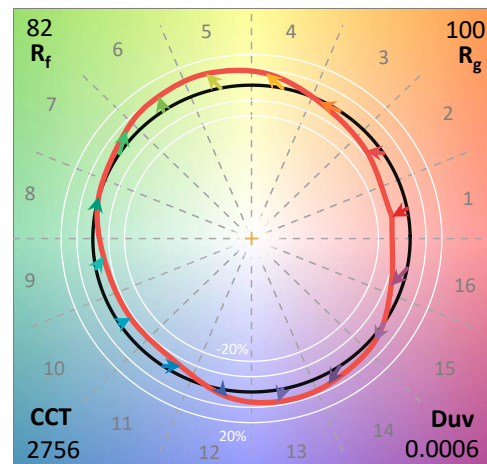
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 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-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2756
 CIE u' : 0.2599
 CIE v' : 0.5271
 Duv: 0.0006
 CIE x: 0.4563
 CIE y: 0.4112
 CIE z: 0.1325
 Peak Wavelength (nm): 609
 Dominant Wavelength (nm): 583
 Purity: 60.41121
 R_f: 82.2
 R_g: 99.9

CRI (Ra): 82.9
 R1: 81.6
 R2: 88.8
 R3: 96.0
 R4: 83.4
 R5: 81.4
 R6: 87.0
 R7: 84.0
 R8: 60.8
 R9: 10.8
 R10: 74.8
 R11: 84.3
 R12: 72.1
 R13: 82.9
 R14: 97.3
 R15: 73.7



Test Conditions

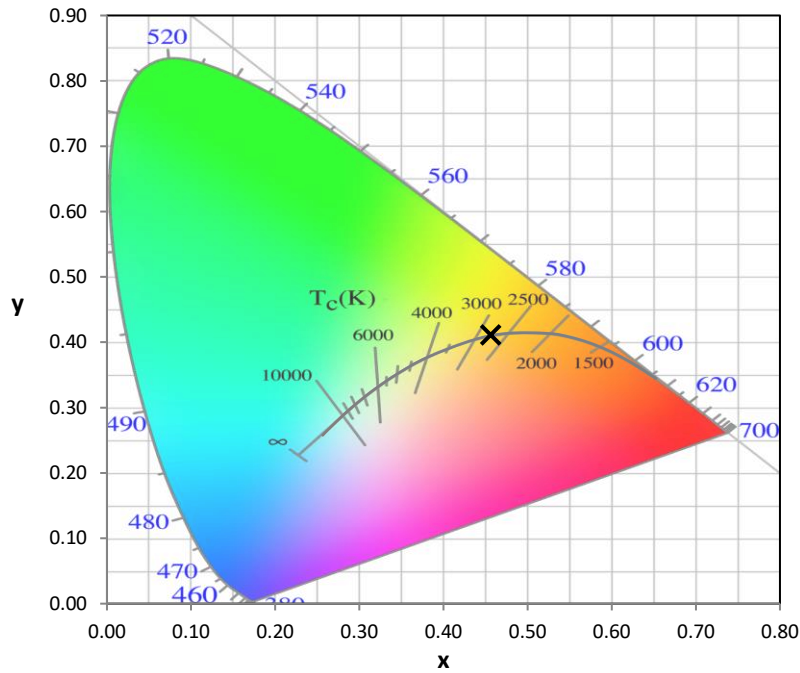
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-8

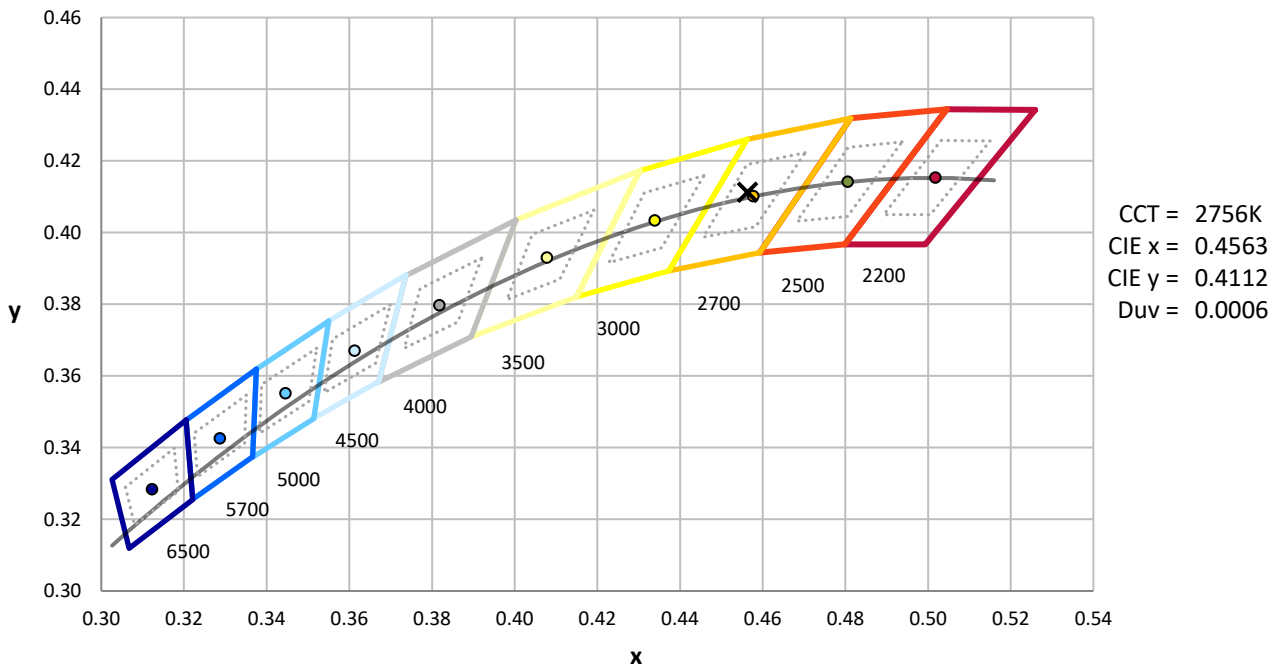
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



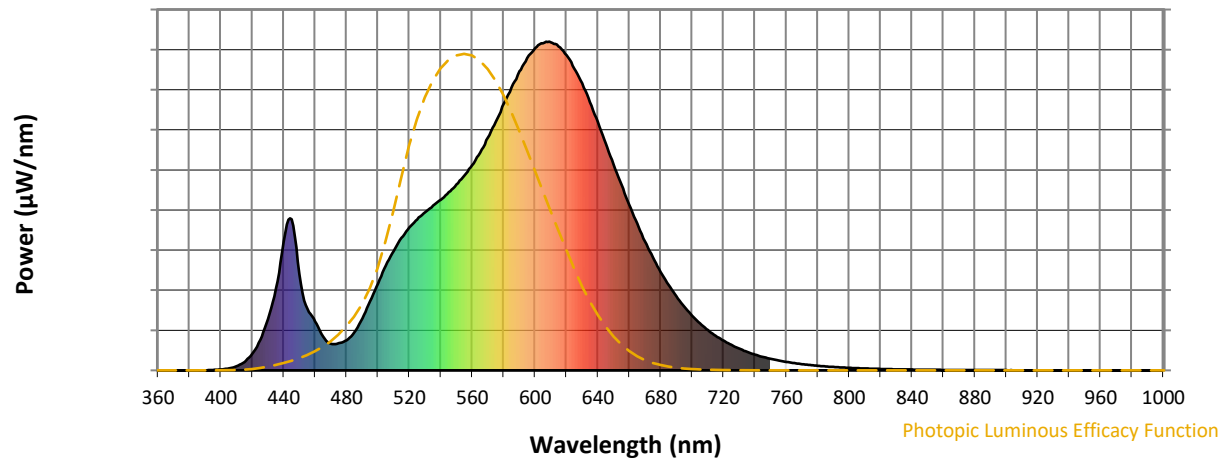
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

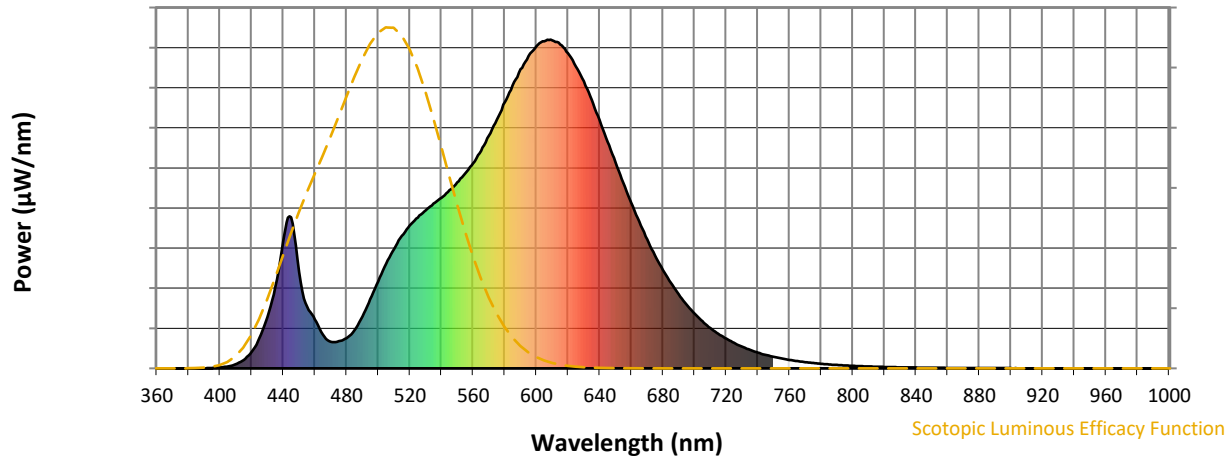


Photopic Lumens: NR

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

Scotopic Flux vs. Wavelength



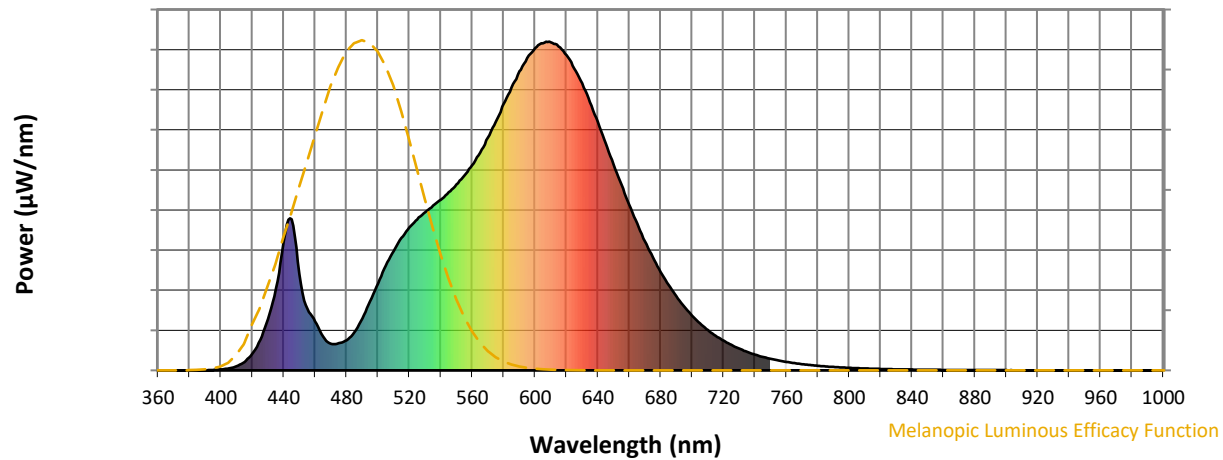
Scotopic Lumens: NR

S/P: 1.2

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.16

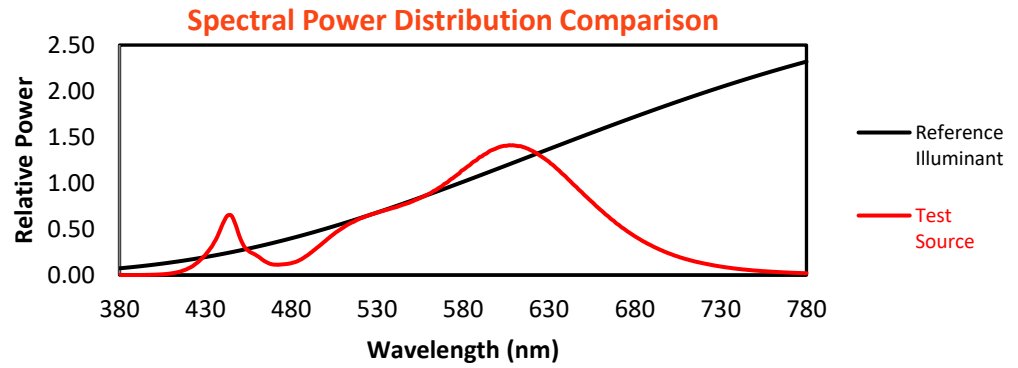
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

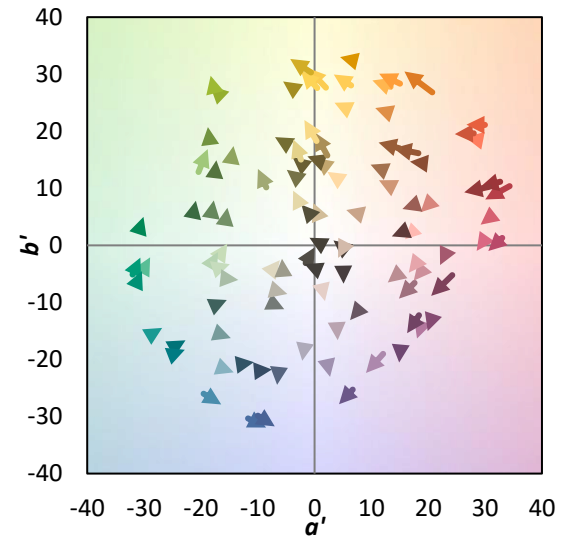
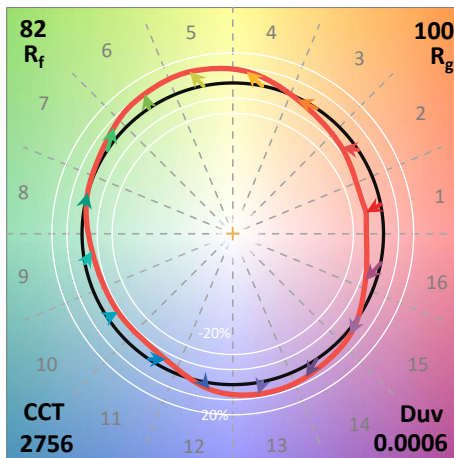
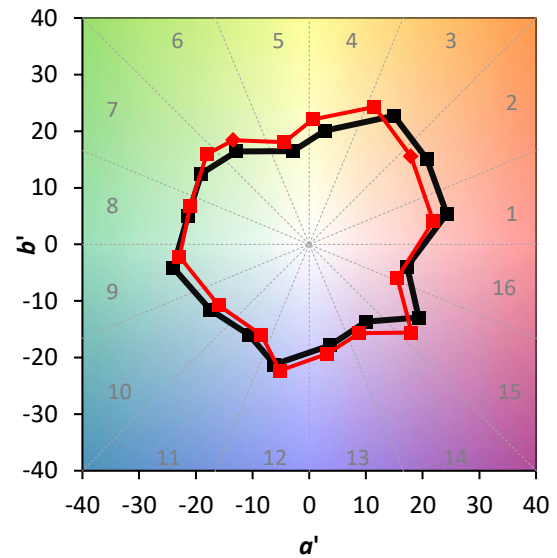
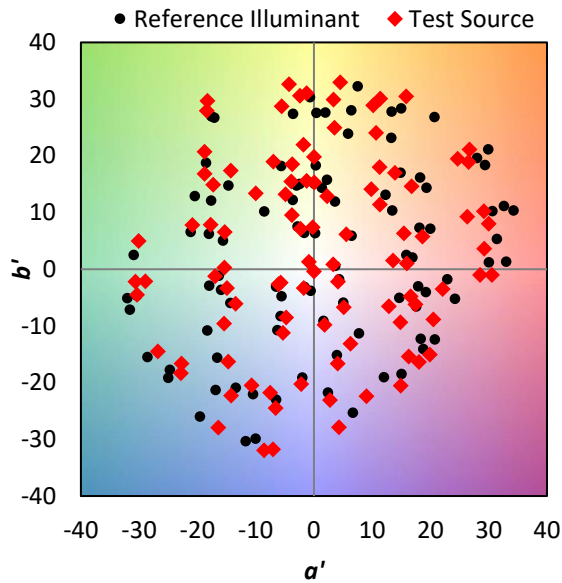
TM-30-18

Summary

$R_f = 82.2$
 $R_g = 99.9$
 $CIE R_a = 82.9$
 $R_9 = 10.8$

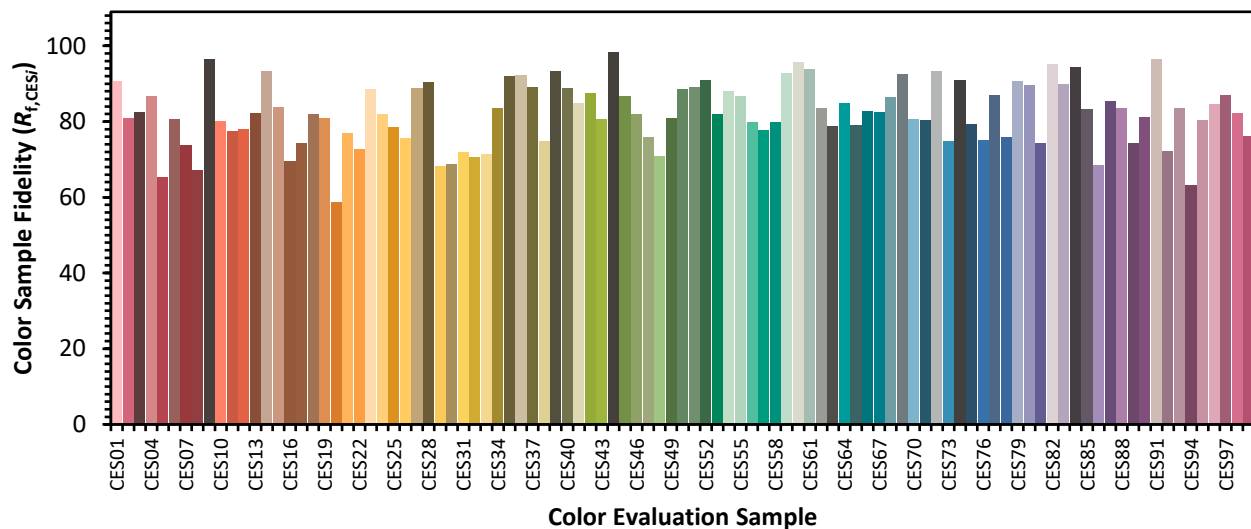


Color Vector Graphics

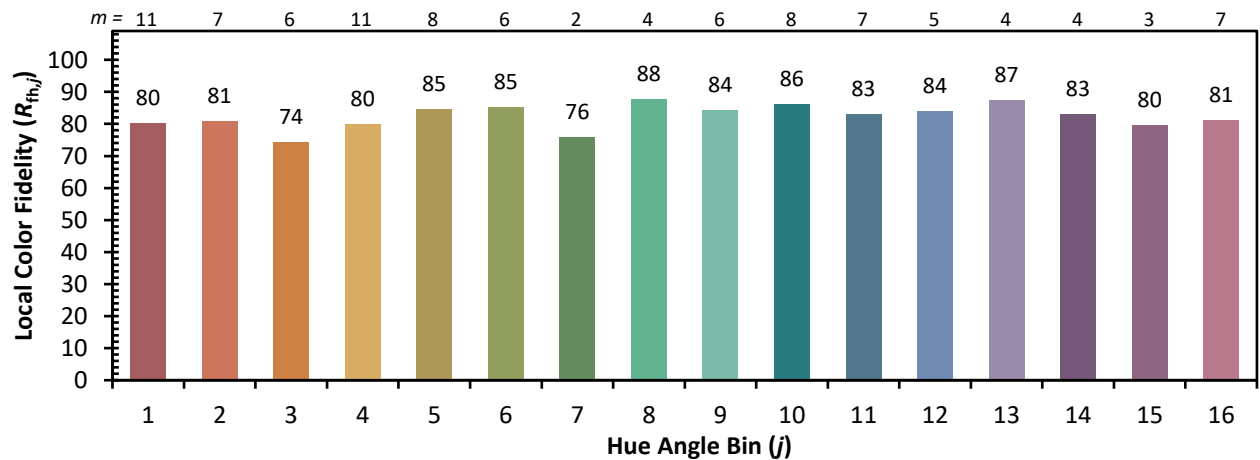
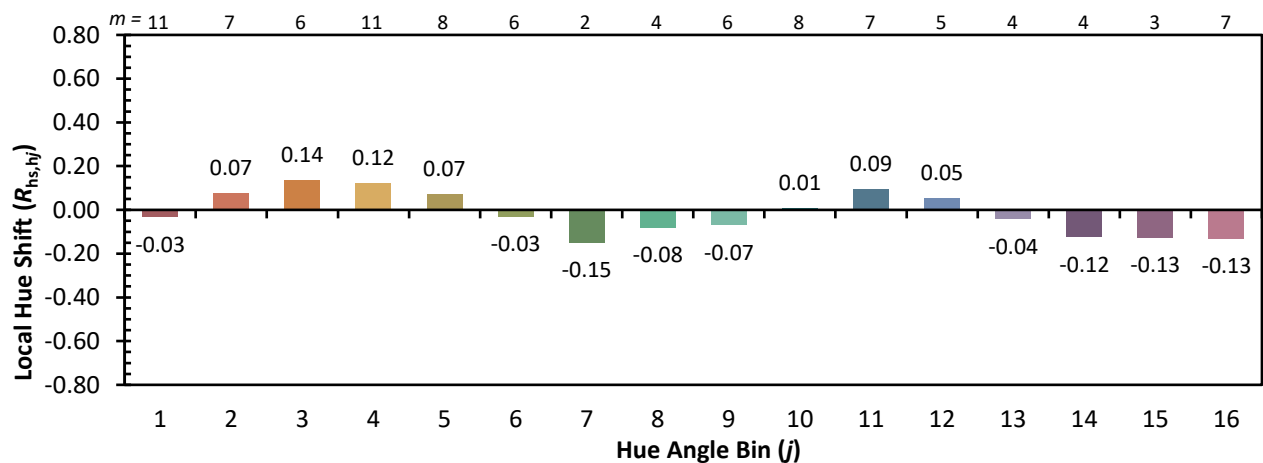
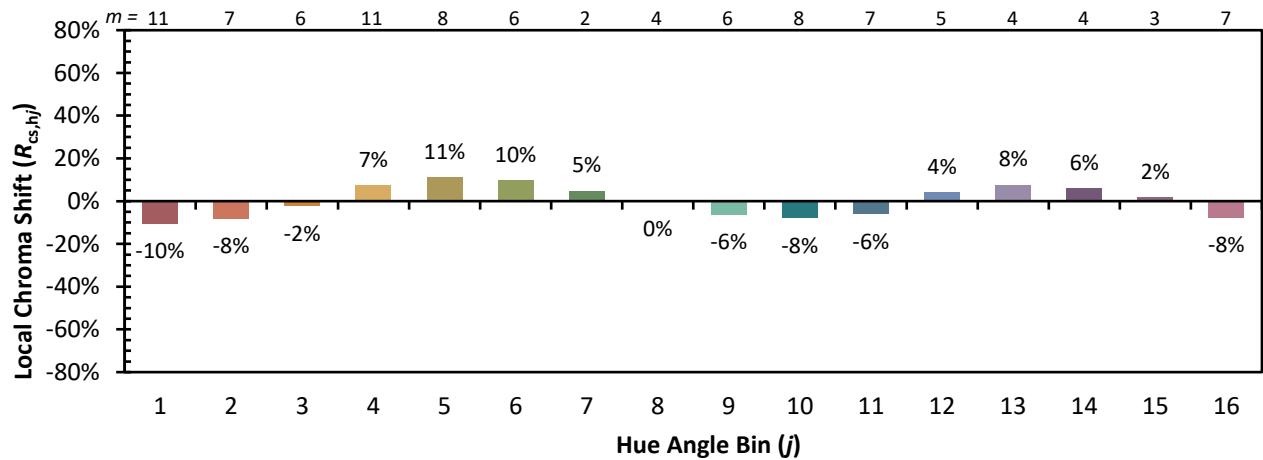


Individual Sample Fidelity Index ($R_{f,i}$)

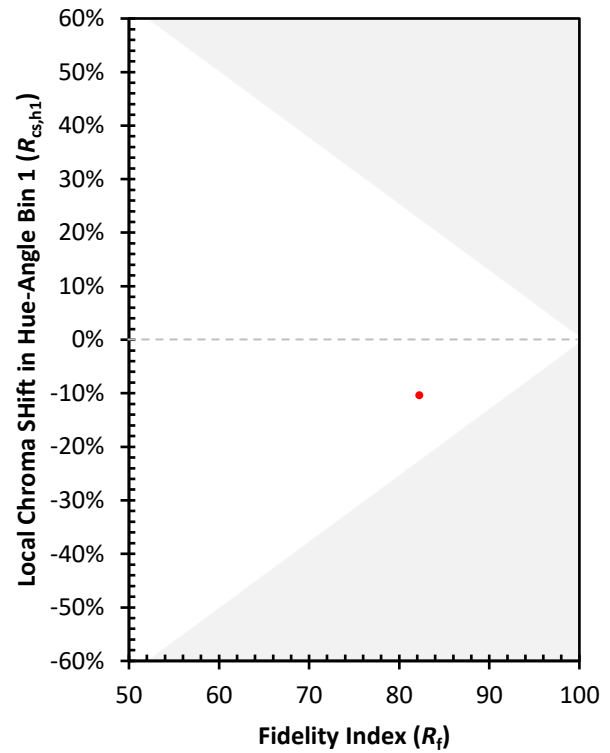
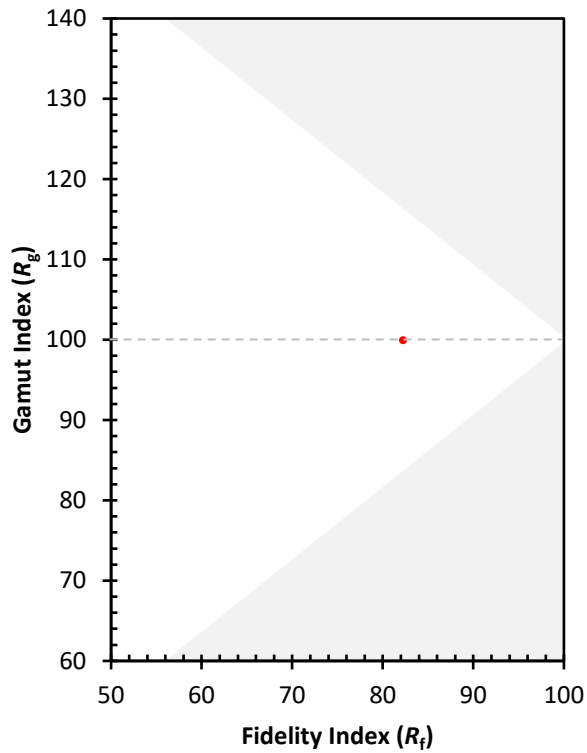
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)