

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: P1049174

Luminaire Tested: **GALN-SA1B-835-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049174
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1B-835-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE
80CRI 3500K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (14) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3737.7 lumens
Efficiency: N/A
Efficacy: 96.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 38.7
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

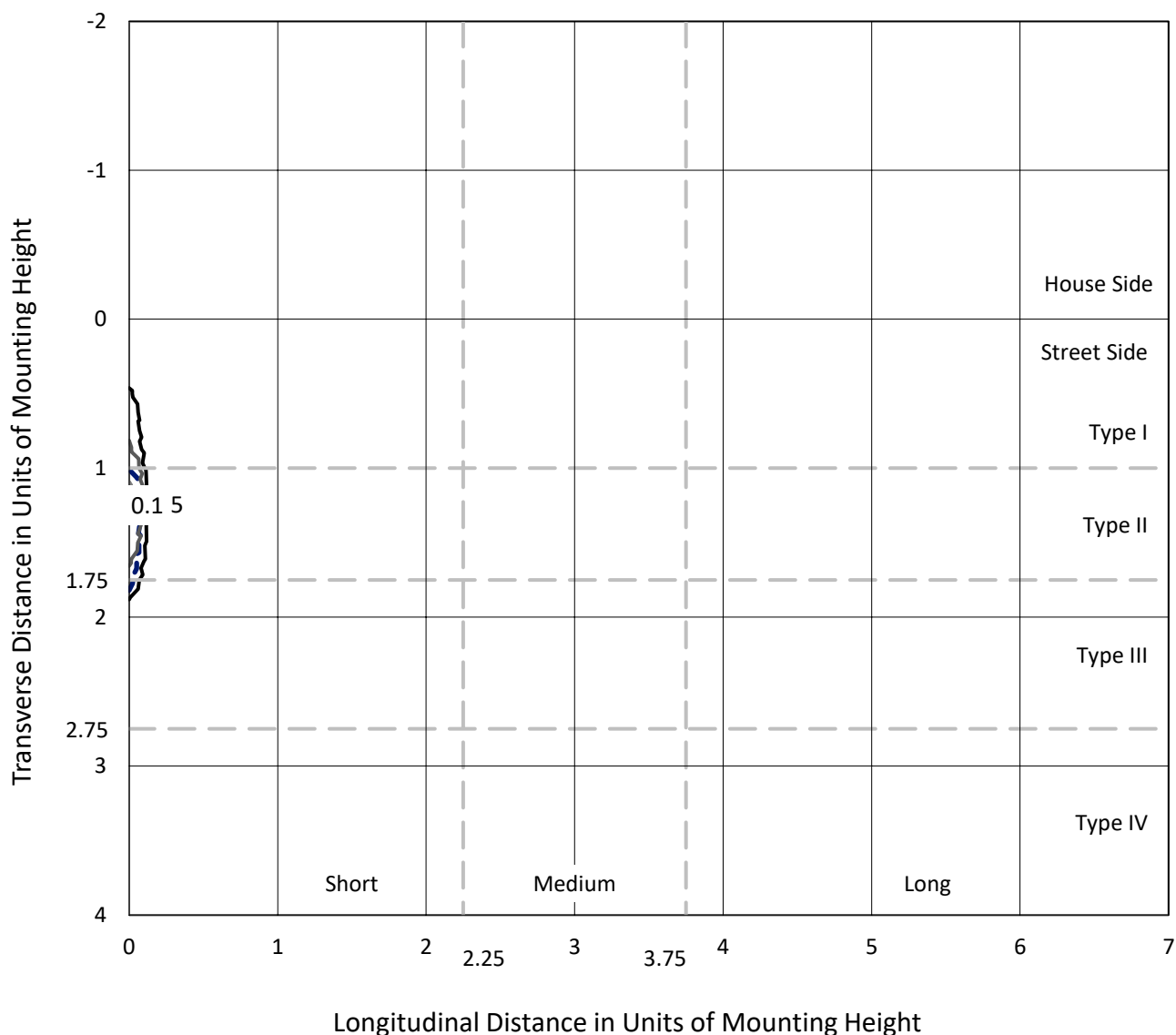
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



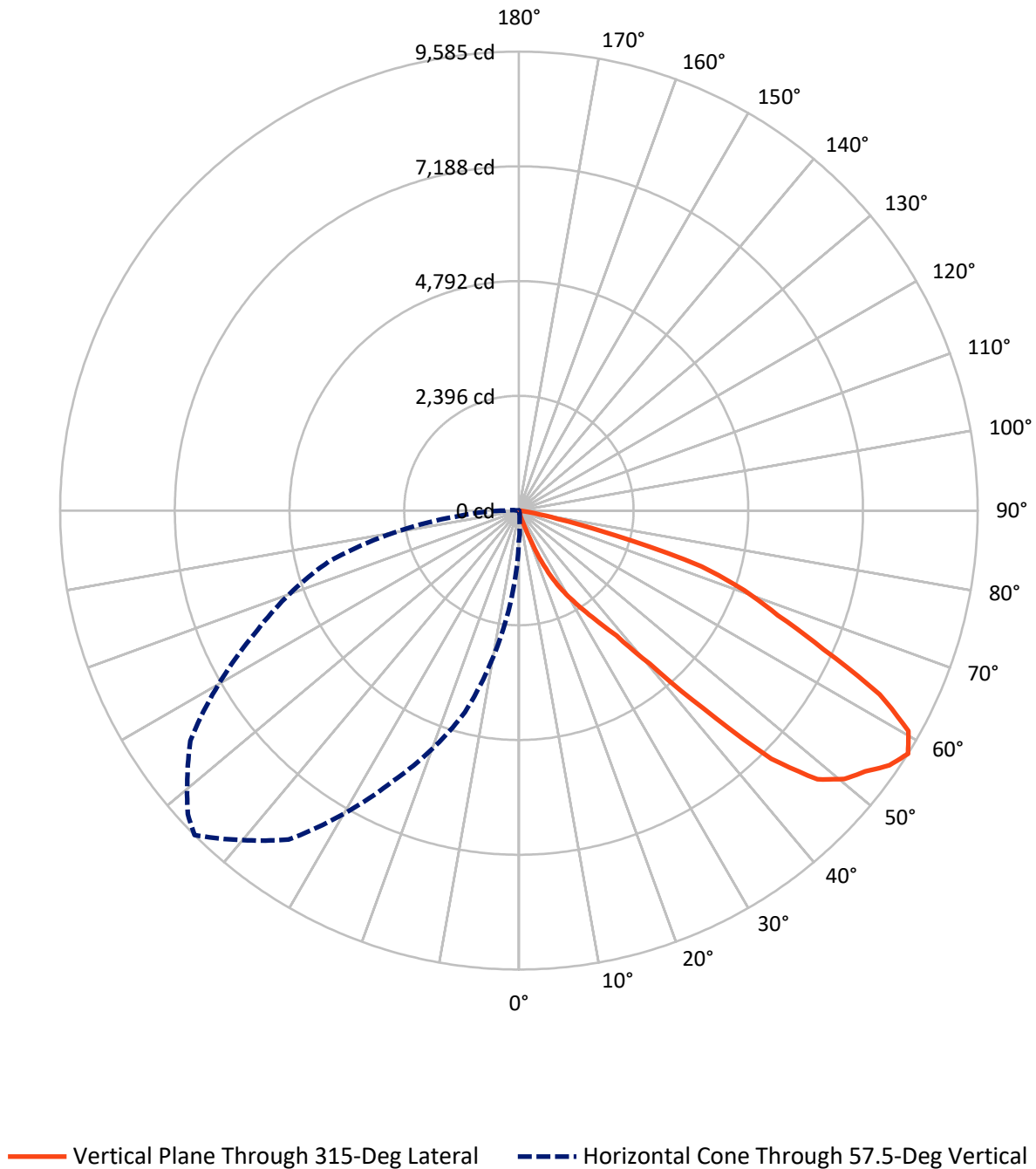
Based on 20 foot mounting height. Maximum calculated value = 0.6 fc

Type III - Short - N/A

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Luminous Intensity Polar Plot



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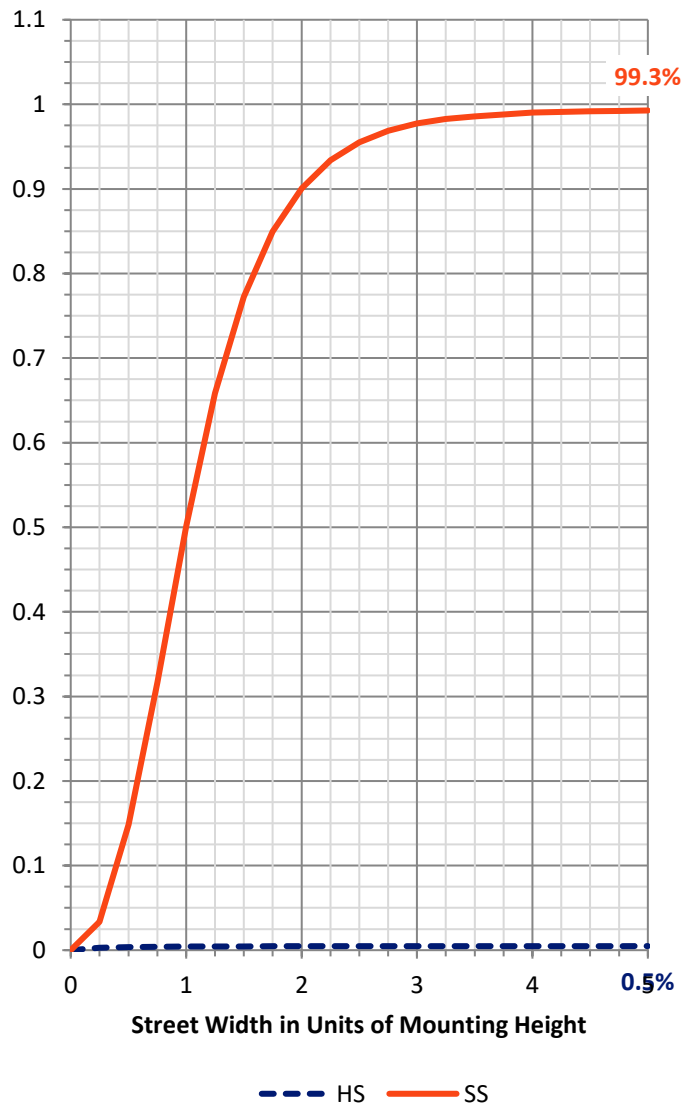
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	18.7	0.0	18.7
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	3719.0	0.0	3719.0
	% Fixture	99.5	0.0	99.5
Total	Lumens	3737.7	0.0	3737.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.5	0.0
10°-20°	8.2	0.2
20°-30°	88.6	2.4
30°-40°	261.9	7.0
40°-50°	780.7	20.9
50°-60°	1237.8	33.1
60°-70°	1033.3	27.6
70°-80°	318.6	8.5
80°-90°	7.1	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°	3737.7	100.0
0°-180°	3737.7	100.0



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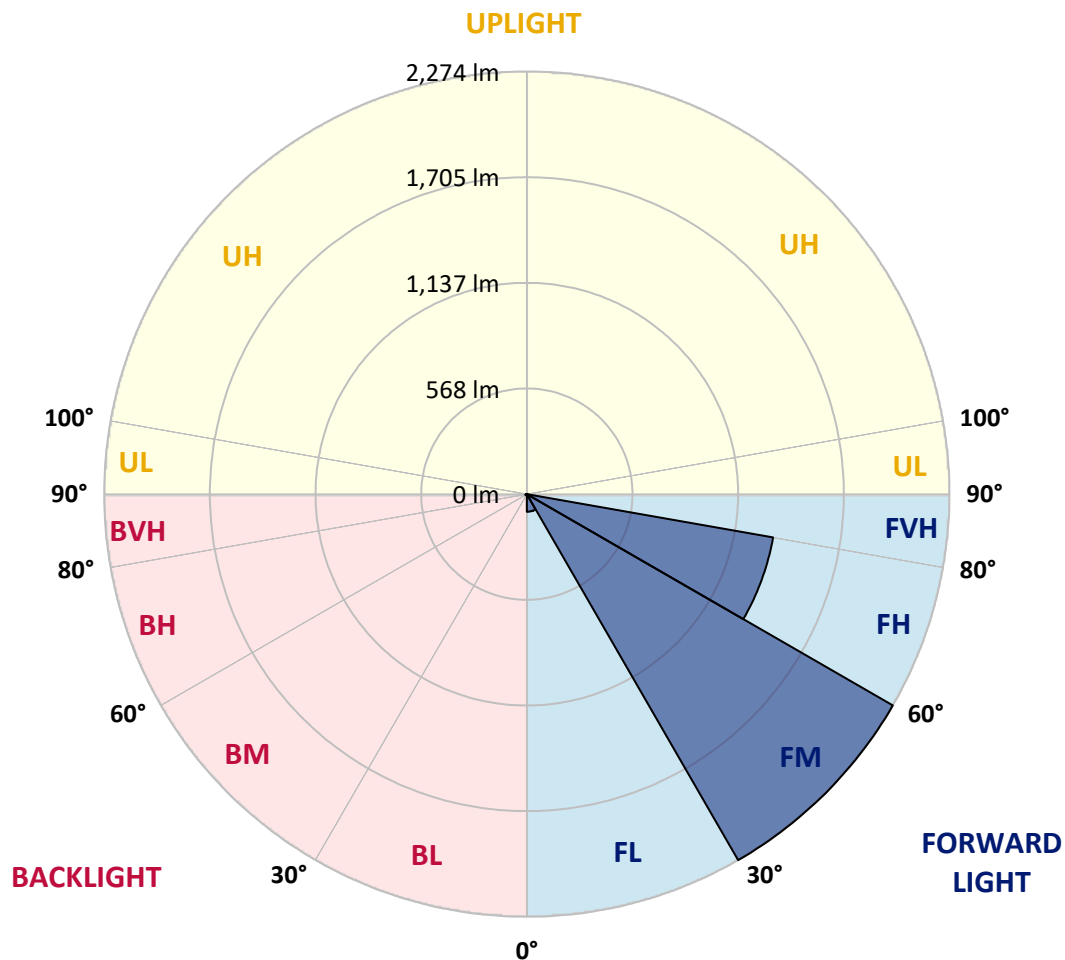
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	94.8	2.5			
FM	(30°-60°)	2273.8	60.8			
FH	(60°-80°)	1345.0	36.0			G1/1800
FVH	(80°-90°)	5.5	0.1			G0/10
BL	(0°-30°)	3.4	0.1	B0/110		
BM	(30°-60°)	6.7	0.2	B0/220		
BH	(60°-80°)	7.0	0.2	B0/110		G0/110
BVH	(80°-90°)	1.6	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-G1

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°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
2.5°	15.0	15.0	15.0	15.0	14.7	14.7	14.4	14.4	14.1	14.1
5°	15.8	15.8	15.5	15.3	15.3	15.0	14.7	14.4	14.4	14.1
7.5°	17.2	16.9	16.7	16.4	15.8	15.5	15.0	14.7	14.4	13.8
10°	18.9	18.4	17.8	17.2	16.7	16.1	15.5	15.3	14.7	14.4
12.5°	21.2	20.3	19.2	18.4	17.8	16.9	16.4	15.8	15.0	14.4
15°	23.2	22.0	20.6	19.5	18.6	17.5	16.7	15.8	15.3	14.4
17.5°	26.0	24.0	21.7	20.3	19.2	17.8	16.4	15.5	14.7	13.6
20°	30.8	26.8	22.6	20.9	19.2	17.5	15.8	14.7	13.8	12.7
22.5°	38.4	31.6	24.9	22.3	20.1	17.5	15.3	14.1	13.0	11.9
25°	53.1	41.0	28.8	25.4	22.0	18.6	15.3	13.8	12.7	11.3
27.5°	70.6	52.5	34.2	29.4	24.9	20.1	15.3	13.6	12.1	10.5
30°	88.4	64.4	40.1	33.9	27.7	21.5	15.3	13.3	11.6	9.6
32.5°	105.4	75.4	45.2	37.8	30.5	22.9	15.5	13.3	11.0	8.8
35°	122.6	84.5	46.0	38.4	30.8	22.9	15.3	12.7	10.5	7.9
37.5°	144.6	94.6	44.3	36.7	29.4	21.7	14.4	12.1	9.9	7.3
40°	177.9	111.6	45.2	37.3	29.4	21.5	13.6	11.3	9.3	7.1
42.5°	239.5	144.3	48.9	39.8	30.8	21.5	12.4	10.5	8.8	6.8
45°	414.1	239.8	65.5	52.0	38.4	24.9	11.3	9.6	8.2	6.5
47.5°	685.0	401.4	117.8	91.0	64.4	37.6	11.0	9.6	8.2	6.5
50°	874.2	511.2	148.3	114.1	79.9	45.8	11.6	9.9	8.5	6.8
52.5°	872.8	519.2	165.2	126.8	88.7	50.3	12.1	10.5	9.0	7.3
55°	775.9	472.3	168.3	129.4	90.7	51.7	13.0	11.3	9.6	7.9
57.5°	648.5	401.1	153.7	118.9	84.5	49.7	15.0	13.0	11.3	9.3
60°	512.9	316.4	119.8	94.6	69.8	44.6	19.8	17.2	15.0	12.4
62.5°	354.2	229.4	104.5	83.9	63.6	42.9	22.6	20.1	17.8	15.3
65°	250.5	172.6	94.3	76.8	59.6	42.1	24.6	21.7	19.2	16.4
67.5°	187.3	137.3	87.0	72.0	57.1	42.1	27.1	23.7	20.6	17.2
70°	143.5	112.7	81.6	69.5	57.6	45.5	33.3	28.5	24.0	19.2
72.5°	116.9	96.3	75.4	66.7	57.9	49.1	40.4	34.2	28.0	21.5
75°	96.9	82.5	68.1	60.7	53.7	46.3	39.0	33.3	28.0	22.3
77.5°	64.4	58.8	52.8	48.6	44.3	39.8	35.6	30.8	26.3	21.5
80°	22.6	21.7	20.9	22.6	24.3	26.0	27.7	24.3	21.2	17.8
82.5°	3.4	3.1	2.8	3.1	3.4	3.7	4.0	4.2	4.5	4.8
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°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
0.0	2.5°	13.8	13.8	13.6	13.6	13.6	13.3	13.3	13.0	13.0	13.0
0.0	5°	13.6	13.6	13.3	13.0	12.7	12.7	12.4	12.1	12.1	11.9
0.0	7.5°	13.3	13.0	12.7	12.4	12.1	11.9	11.6	11.3	11.3	11.0
0.0	10°	13.6	13.0	12.7	12.1	11.9	11.6	11.0	10.7	10.5	10.5
0.0	12.5°	13.0	12.7	12.1	11.6	11.3	10.7	10.5	9.9	9.6	9.6
0.0	15°	13.0	12.4	11.6	11.0	10.5	10.2	9.6	9.0	8.8	8.5
0.0	17.5°	12.1	11.6	10.7	10.2	9.6	9.0	8.5	7.9	7.6	7.3
0.0	20°	11.0	10.5	9.6	8.8	8.2	7.6	7.1	6.5	6.2	5.9
0.0	22.5°	9.9	9.3	8.5	7.6	7.1	6.5	5.6	5.1	4.8	4.2
0.0	25°	9.3	8.5	7.6	6.8	5.9	5.4	4.5	3.7	3.1	2.5
0.0	27.5°	7.9	7.1	6.2	5.4	4.5	3.7	2.8	2.0	1.4	1.1
0.0	30°	6.8	5.9	5.1	4.2	3.1	2.3	1.4	0.3	0.3	0.3
0.0	32.5°	5.6	4.8	3.7	2.8	2.3	1.4	0.8	0.0	0.0	0.0
0.0	35°	4.5	3.7	2.5	1.7	1.4	0.8	0.6	0.0	0.0	0.0
0.0	37.5°	4.0	3.1	2.0	0.8	0.6	0.6	0.3	0.0	0.0	0.0
0.0	40°	3.7	2.5	1.4	0.3	0.3	0.3	0.0	0.0	0.0	0.0
0.0	42.5°	3.7	2.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	3.7	2.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	3.7	2.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	4.0	2.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	4.5	3.4	2.3	1.1	0.8	0.6	0.3	0.0	0.0	0.0
0.0	55°	5.6	5.1	4.2	3.7	2.8	2.0	0.8	0.0	0.0	0.0
0.0	57.5°	7.3	7.3	7.1	6.8	5.1	3.4	1.7	0.0	0.0	0.0
0.0	60°	9.9	9.9	9.9	9.9	7.3	5.1	2.5	0.0	0.0	0.0
0.0	62.5°	12.1	11.6	10.7	10.2	7.6	5.1	2.5	0.0	0.0	0.0
0.0	65°	12.1	11.0	9.6	8.2	6.2	4.2	2.0	0.0	0.0	0.0
0.0	67.5°	11.3	9.0	6.5	4.2	3.1	2.3	1.1	0.0	0.0	0.0
	70°	11.3	7.9	4.5	1.1	0.8	0.6	0.3	0.0	0.0	0.0
	72.5°	11.3	7.6	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	12.4	8.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	12.4	8.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	11.0	7.3	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	3.7	2.5	1.1	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°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
0.0	2.5°	12.7	12.7	12.7	12.4	12.4	12.4	12.4	12.1	12.1	12.1
0.0	5°	11.6	11.6	11.3	11.3	11.0	11.0	10.7	10.7	10.5	10.5
0.0	7.5°	10.7	10.5	10.5	10.2	9.9	9.9	9.6	9.6	9.3	9.0
0.0	10°	9.9	9.6	9.6	9.3	9.0	8.8	8.8	8.5	8.2	7.9
0.0	12.5°	9.0	8.8	8.5	8.2	7.9	7.6	7.6	7.3	7.1	6.8
0.0	15°	7.9	7.6	7.3	7.1	6.8	6.5	6.5	6.2	5.9	5.6
0.0	17.5°	6.8	6.5	6.5	6.2	5.9	5.6	5.4	4.8	4.5	4.2
0.0	20°	5.1	4.8	4.5	4.2	4.0	3.4	3.1	2.5	2.0	1.7
0.0	22.5°	3.4	2.8	2.5	2.0	1.4	1.1	0.8	0.3	0.0	0.0
0.0	25°	1.1	0.8	0.6	0.3	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



REPORT NUMBER: P1049174

CATALOG NUMBER: GALN-SA1B-835-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049174

CATALOG NUMBER: GALN-SA1B-835-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
0.0	2.5°	11.9	11.9	11.9	11.6	11.6	11.6	11.6	11.6	11.6	11.6
0.0	5°	10.2	10.2	10.2	9.9	9.9	9.6	9.6	9.6	9.3	9.3
0.0	7.5°	8.8	8.5	8.5	8.2	8.2	7.9	7.9	7.9	7.6	7.6
0.0	10°	7.3	7.1	7.1	6.8	6.8	6.5	6.5	6.2	6.2	5.9
0.0	12.5°	6.5	6.2	5.9	5.6	5.6	5.4	5.1	5.1	4.8	4.5
0.0	15°	5.1	4.8	4.5	4.2	4.0	3.7	3.4	3.4	3.1	2.8
0.0	17.5°	3.4	2.8	2.5	2.3	2.3	2.0	1.7	1.4	1.1	0.8
0.0	20°	0.8	0.6	0.3	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

CATALOG NUMBER: GALN-SA1B-835-U-RBC

[illegible]

REPORT NUMBER: P1049174

CATALOG NUMBER: GALN-SA1B-835-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°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
0.0	2.5°	11.6	11.3	11.3	11.3	11.6	11.6	11.6	11.6	11.6	11.6
0.0	5°	9.3	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
0.0	7.5°	7.6	7.3	7.3	7.3	7.3	7.1	7.1	7.1	7.1	7.1
0.0	10°	5.9	5.6	5.6	5.6	5.6	5.4	5.4	5.4	5.4	5.4
0.0	12.5°	4.2	4.2	4.0	4.0	4.0	3.7	3.7	3.7	3.7	3.4
0.0	15°	2.5	2.3	2.0	2.0	2.0	1.7	1.7	1.7	1.7	1.4
0.0	17.5°	0.6	0.6	0.3	0.3	0.3	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



REPORT NUMBER: P1049174

CATALOG NUMBER: GALN-SA1B-835-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049174

CATALOG NUMBER: GALN-SA1B-835-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
0.0	2.5°	11.9	11.9	12.1	12.1	12.4	13.0	13.3	13.6	14.1	14.7
0.0	5°	9.3	9.6	9.6	9.9	10.2	10.5	10.7	11.0	11.6	12.1
0.0	7.5°	7.3	7.3	7.6	7.6	7.9	8.5	8.8	9.0	9.6	10.5
0.0	10°	5.6	5.6	5.9	5.9	6.2	6.8	7.1	7.3	7.9	8.8
0.0	12.5°	3.7	4.0	4.0	4.2	4.5	5.1	5.4	5.6	6.2	6.8
0.0	15°	1.7	2.0	2.0	2.3	2.5	3.1	3.4	3.7	4.2	5.1
0.0	17.5°	0.3	0.3	0.6	0.6	0.8	1.1	1.4	1.7	2.5	3.1
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.1
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
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
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-SA1B-835-U-RBC

[illegible]

REPORT NUMBER: P1049174

CATALOG NUMBER: GALN-SA1B-835-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°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
0.0	2.5°	15.5	16.1	16.7	17.2	17.8	18.4	18.6	19.2	19.5	19.8
0.0	5°	13.3	13.8	14.7	15.3	15.8	16.4	16.9	17.2	17.5	17.8
0.0	7.5°	11.6	12.1	13.0	13.6	14.1	14.7	15.3	15.8	16.1	16.4
0.0	10°	9.9	10.7	11.3	12.1	12.7	13.3	13.8	14.4	15.0	15.3
0.0	12.5°	7.9	8.8	9.6	10.2	11.0	11.9	12.4	13.0	13.6	14.1
0.0	15°	6.2	7.1	7.9	8.5	9.3	10.2	11.0	11.6	12.1	12.7
0.0	17.5°	4.5	5.4	6.2	6.8	7.6	8.5	9.0	9.9	10.5	11.0
0.0	20°	2.3	3.1	4.0	4.8	5.6	6.5	7.1	7.9	8.5	9.0
0.0	22.5°	0.3	1.1	2.0	2.5	3.4	4.2	4.8	5.6	6.2	6.8
0.0	25°	0.0	0.3	0.8	1.1	1.4	2.0	2.5	3.1	3.7	4.2
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.6	1.1	1.7	2.3
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
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	0.3
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.6
	85°	0.0	0.0	0.0	0.0	0.0	0.6	0.8	1.4	1.7	2.0
	87.5°	0.0	0.3	0.6	0.8	1.1	1.7	2.3	2.8	3.1	3.4
	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

REPORT NUMBER: P1049174

CATALOG NUMBER: GALN-SA1B-835-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
16.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	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											
0.3											
1.1											
2.5											
3.7											
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REPORT NUMBER: P1049174

CATALOG NUMBER: GALN-SA1B-835-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
0.0	2.5°	20.1	20.1	20.1	20.1	19.8	19.8	19.8	19.5	19.5	19.2
0.0	5°	18.4	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.4	18.4
0.0	7.5°	16.9	17.2	17.5	17.5	17.8	17.8	17.8	17.5	17.5	17.2
0.0	10°	16.1	16.4	16.4	16.7	16.7	16.7	16.7	16.7	16.7	16.7
0.0	12.5°	15.0	15.3	15.5	15.5	15.8	15.8	15.8	15.8	15.5	15.5
0.0	15°	13.6	14.1	14.4	14.7	14.7	15.0	15.0	15.0	15.0	15.0
0.0	17.5°	12.4	13.0	13.3	13.6	13.6	13.8	13.8	14.1	14.1	14.1
0.0	20°	10.2	10.7	11.0	11.6	11.9	12.1	12.4	12.7	12.7	13.0
0.0	22.5°	7.9	8.5	8.8	9.3	9.6	9.9	10.2	10.5	10.7	11.0
0.0	25°	5.6	6.2	6.5	7.1	7.3	7.6	7.9	8.2	8.2	8.5
0.0	27.5°	3.1	3.7	4.2	4.5	5.1	5.4	5.6	5.9	6.2	6.5
0.0	30°	1.4	1.7	2.0	2.5	2.8	3.1	3.4	4.0	4.2	4.5
0.0	32.5°	0.0	0.0	0.3	0.8	1.1	1.4	1.7	2.0	2.0	2.3
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.8	1.1
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°	0.6	0.6	0.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8
	82.5°	1.4	1.7	2.0	2.0	2.3	2.3	2.3	2.3	2.0	2.0
	85°	2.8	3.1	3.4	3.4	3.7	3.7	3.7	3.7	3.7	3.7
	87.5°	4.0	4.2	4.5	4.5	4.8	4.8	4.8	4.8	4.8	4.8
	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: P1049174

CATALOG NUMBER: GALN-SA1B-835-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
16.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	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											
0.0											
0.0											
0.8											
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REPORT NUMBER: P1049174

CATALOG NUMBER: GALN-SA1B-835-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°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
0.0	2.5°	18.9	18.9	18.6	18.6	18.6	18.6	18.6	18.9	19.2	19.2
0.0	5°	18.1	18.1	17.8	17.8	17.8	18.1	18.1	18.4	18.6	18.9
0.0	7.5°	17.2	16.9	16.9	17.2	17.2	17.5	17.5	17.8	18.1	18.4
0.0	10°	16.7	16.4	16.4	16.4	16.7	16.7	16.9	17.2	17.5	17.8
0.0	12.5°	15.5	15.5	15.5	15.5	15.8	15.8	16.1	16.4	16.9	17.2
0.0	15°	15.0	14.7	14.7	14.7	14.7	15.0	15.0	15.5	16.1	16.4
0.0	17.5°	13.8	13.8	13.6	13.6	13.8	13.8	14.1	14.7	15.3	15.5
0.0	20°	12.7	12.4	12.1	12.1	12.4	12.4	12.7	13.3	13.8	14.1
0.0	22.5°	11.0	10.7	10.7	10.7	10.7	11.0	11.0	11.6	12.4	13.0
0.0	25°	8.8	9.0	9.0	9.3	9.3	9.6	9.9	10.5	11.3	11.9
0.0	27.5°	6.8	7.1	7.1	7.6	7.9	8.2	8.5	9.3	10.2	10.7
0.0	30°	5.1	5.4	5.6	5.9	6.5	7.1	7.6	8.5	9.3	9.9
0.0	32.5°	3.1	3.7	4.0	4.5	5.1	5.6	6.2	7.1	8.2	9.0
0.0	35°	2.3	2.5	3.1	3.4	4.0	4.5	5.1	6.2	7.1	8.2
0.0	37.5°	1.1	1.7	2.3	2.8	3.4	4.0	4.5	5.6	6.8	7.6
0.0	40°	0.8	1.4	1.7	2.3	3.1	3.7	4.2	5.4	6.5	7.6
0.0	42.5°	0.6	0.8	1.1	2.0	2.5	3.4	4.2	5.4	6.5	7.6
0.0	45°	0.6	0.6	0.8	1.7	2.5	3.7	4.5	5.6	6.5	7.6
0.0	47.5°	0.6	0.8	1.1	2.3	2.8	3.7	4.5	5.4	6.5	7.3
0.0	50°	0.8	1.1	1.4	2.5	3.1	4.0	4.5	5.6	6.5	7.6
0.0	52.5°	0.6	0.8	1.1	2.3	3.1	4.2	5.1	6.2	7.3	8.2
0.0	55°	0.3	0.3	0.3	1.7	3.4	4.8	6.5	7.3	8.5	9.3
0.0	57.5°	0.0	0.0	0.0	1.1	3.4	5.4	7.3	8.5	9.6	10.5
0.0	60°	0.0	0.0	0.0	1.1	3.4	5.4	7.3	8.8	10.2	11.6
0.0	62.5°	0.0	0.0	0.0	1.1	2.8	4.5	6.2	8.5	11.0	13.3
0.0	65°	0.0	0.0	0.0	0.8	2.3	3.7	5.1	8.5	11.9	15.0
0.0	67.5°	0.0	0.0	0.0	0.8	2.3	3.4	4.8	8.5	11.9	15.5
	70°	0.0	0.0	0.0	0.8	2.3	3.7	5.1	8.5	11.9	15.3
	72.5°	0.0	0.0	0.0	0.8	2.5	4.0	5.6	8.5	11.3	14.1
	75°	0.0	0.0	0.0	1.1	2.5	4.2	5.9	8.5	11.0	13.3
	77.5°	0.0	0.0	0.0	0.8	2.5	4.0	5.6	8.2	10.7	13.0
	80°	0.8	0.6	0.6	1.4	2.5	3.7	4.8	7.3	10.2	12.7
	82.5°	1.7	1.7	1.4	2.0	2.5	3.4	4.2	6.5	9.0	11.3
	85°	3.4	3.4	3.1	3.4	3.4	3.7	4.0	5.1	6.2	7.3
	87.5°	4.5	4.5	4.2	4.2	4.2	4.0	4.0	4.0	4.0	3.7
	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: P1049174

CATALOG NUMBER: GALN-SA1B-835-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
16.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.6											
16.9											
15.8											
15.5											
15.3											
13.6											
8.5											
3.7											
0.0											
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REPORT NUMBER: P1049174

CATALOG NUMBER: GALN-SA1B-835-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
0.0	2.5°	19.8	20.1	20.1	20.3	20.6	20.9	20.9	21.2	21.2	21.2
0.0	5°	19.5	20.1	20.3	20.6	20.9	21.2	21.5	21.7	22.0	22.0
0.0	7.5°	19.2	19.5	20.1	20.3	20.9	21.2	21.7	22.0	22.3	22.6
0.0	10°	18.6	19.2	19.8	20.3	20.9	21.5	22.0	22.6	23.2	23.4
0.0	12.5°	18.1	18.9	19.5	20.1	20.9	21.7	22.3	23.2	23.7	24.3
0.0	15°	17.8	18.4	19.2	19.8	20.9	22.0	22.9	24.0	25.1	26.0
0.0	17.5°	16.9	18.1	18.9	19.8	20.9	22.3	23.4	24.6	26.3	28.0
0.0	20°	15.8	16.7	17.8	18.6	20.3	21.7	23.4	24.9	27.4	29.9
0.0	22.5°	14.7	15.8	16.7	17.8	19.8	21.5	23.4	25.1	29.4	33.3
0.0	25°	13.6	15.0	16.1	17.2	19.5	21.7	24.0	26.3	33.3	40.4
0.0	27.5°	13.0	14.1	15.5	16.7	19.5	22.6	25.4	28.2	39.5	50.6
0.0	30°	12.1	13.6	14.7	16.1	19.8	23.4	27.1	30.8	48.0	65.2
0.0	32.5°	11.3	12.7	14.1	15.5	20.3	25.1	29.7	34.5	57.1	79.4
0.0	35°	10.5	12.1	13.6	15.0	21.2	27.7	33.9	40.1	65.2	90.1
0.0	37.5°	10.2	11.9	13.3	14.7	21.5	28.0	34.7	41.2	66.1	91.0
0.0	40°	10.5	11.9	13.6	15.0	20.6	26.3	31.6	37.3	63.3	89.0
0.0	42.5°	10.5	12.1	13.8	15.5	20.1	24.6	29.1	33.6	62.4	91.2
0.0	45°	10.2	11.9	13.6	15.3	19.5	23.4	27.7	31.6	67.5	103.1
0.0	47.5°	9.9	11.6	13.3	15.0	19.2	23.4	27.7	31.9	87.3	142.4
0.0	50°	9.9	11.6	13.0	14.4	19.5	24.9	29.9	35.0	127.1	218.9
0.0	52.5°	10.5	11.9	13.0	14.1	20.1	26.3	32.2	38.1	161.6	284.7
0.0	55°	11.3	12.1	13.3	14.1	21.5	28.5	35.9	42.9	172.0	301.1
0.0	57.5°	12.4	13.3	14.1	15.0	24.0	33.0	41.8	50.8	172.9	294.6
0.0	60°	13.8	15.0	15.8	16.7	26.3	36.2	45.8	55.4	156.5	257.3
0.0	62.5°	16.9	18.4	19.5	20.9	30.2	39.3	48.6	57.6	129.9	202.2
0.0	65°	19.5	20.6	21.7	22.9	31.9	41.2	50.3	59.3	110.2	161.0
0.0	67.5°	20.1	21.2	22.0	23.2	32.5	41.8	50.8	60.2	94.3	128.2
	70°	20.3	21.7	23.4	24.9	34.5	44.1	53.4	63.0	83.6	104.2
	72.5°	19.5	22.3	24.9	27.4	36.4	45.2	54.2	63.0	77.7	92.4
	75°	19.5	23.4	27.1	30.8	37.6	44.1	50.8	57.3	68.6	79.9
	77.5°	20.6	25.7	30.8	35.9	39.8	43.5	47.5	51.1	58.5	65.8
	80°	20.6	26.0	31.1	36.4	38.1	40.1	41.8	43.5	44.3	45.2
	82.5°	17.8	22.0	26.3	30.5	28.5	26.6	24.6	22.6	21.2	19.5
	85°	9.0	9.9	10.5	11.0	10.2	9.3	8.5	7.6	7.1	6.2
	87.5°	3.7	3.7	3.4	3.4	3.4	3.4	3.1	3.1	3.1	3.1
	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: P1049174

CATALOG NUMBER: GALN-SA1B-835-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
16.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
189.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
217.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
274.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
418.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
640.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
806.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
824.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
744.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
636.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
497.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
375.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
277.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
196.3											
146.0											
106.2											
79.9											
44.9											
20.3											
5.9											
2.8											
0.0											
0.0											
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REPORT NUMBER: P1049174

CATALOG NUMBER: GALN-SA1B-835-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°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
0.0	2.5°	21.2	20.9	20.9	20.6	20.3	20.1	19.8	19.5	19.2	18.9
0.0	5°	22.0	22.0	22.0	21.7	21.7	21.5	21.5	21.2	20.9	20.6
0.0	7.5°	22.9	23.2	23.2	23.4	23.4	23.4	23.4	23.2	23.2	23.2
0.0	10°	24.3	24.6	24.9	25.1	25.4	25.7	25.7	26.0	26.0	26.0
0.0	12.5°	26.0	26.8	27.4	28.2	28.8	29.7	30.2	31.1	31.6	32.2
0.0	15°	28.5	29.9	31.6	33.0	34.5	36.4	38.7	40.7	42.7	45.8
0.0	17.5°	32.2	36.7	41.2	45.5	50.0	59.9	69.8	79.4	89.3	103.7
0.0	20°	39.3	52.8	66.1	79.7	92.9	127.7	162.1	196.9	231.3	268.3
0.0	22.5°	55.1	88.4	121.7	155.1	188.4	261.0	333.3	405.9	478.2	563.2
0.0	25°	79.9	141.2	202.5	263.5	324.8	438.4	552.2	665.8	779.3	889.7
0.0	27.5°	116.4	210.1	303.9	397.4	491.2	645.1	799.4	953.3	1107.2	1232.1
0.0	30°	161.3	288.4	415.5	542.6	669.7	844.8	1020.0	1194.8	1369.9	1506.3
0.0	32.5°	203.7	359.3	514.9	670.3	825.9	1025.3	1225.0	1424.4	1623.8	1773.0
0.0	35°	231.3	419.4	607.8	796.0	984.1	1199.9	1415.7	1631.2	1847.0	2017.3
0.0	37.5°	259.0	476.2	693.1	910.4	1127.3	1364.3	1601.2	1838.2	2075.2	2285.6
0.0	40°	290.1	544.9	799.4	1054.1	1308.6	1589.4	1869.9	2150.6	2431.1	2728.0
0.0	42.5°	344.0	658.7	973.6	1288.3	1602.9	1974.4	2345.8	2717.0	3088.4	3512.1
0.0	45°	445.4	888.9	1332.6	1776.1	2219.5	2711.6	3203.9	3695.9	4188.0	4751.8
0.0	47.5°	693.7	1303.8	1913.6	2523.8	3133.6	3664.9	4195.9	4727.2	5258.2	5819.7
0.0	50°	1061.5	1771.6	2481.7	3191.5	3901.6	4382.3	4862.8	5343.5	5824.0	6358.1
0.0	52.5°	1327.5	2067.3	2807.3	3547.1	4286.8	4720.7	5154.8	5588.7	6022.5	6521.6
0.0	55°	1347.6	2083.1	2818.9	3554.4	4290.0	4725.8	5161.6	5597.4	6033.3	6562.3
0.0	57.5°	1193.1	1922.7	2652.0	3381.6	4110.9	4607.2	5103.1	5599.4	6095.4	6667.4
0.0	60°	1014.9	1744.7	2474.3	3204.2	3933.8	4505.5	5077.4	5649.1	6220.8	6756.6
0.0	62.5°	791.7	1542.5	2293.5	3044.3	3795.1	4375.5	4956.0	5536.2	6116.6	6518.5
0.0	65°	590.1	1319.1	2048.1	2776.8	3505.9	3970.8	4435.7	4900.3	5365.3	5614.1
0.0	67.5°	426.5	1055.3	1683.7	2312.5	2940.9	3273.7	3606.4	3938.9	4271.6	4462.0
	70°	288.4	723.9	1159.2	1594.8	2030.0	2303.4	2577.1	2850.6	3124.0	3381.0
	72.5°	199.7	444.3	689.2	933.8	1178.4	1453.5	1728.4	2003.5	2278.3	2550.3
	75°	132.5	243.8	355.3	466.6	577.9	781.6	985.5	1189.1	1392.8	1554.9
	77.5°	94.1	127.4	161.0	194.3	227.7	265.8	304.2	342.3	380.5	438.4
	80°	44.6	48.9	53.1	57.1	61.3	75.1	89.0	102.8	116.7	131.3
	82.5°	21.2	22.9	24.6	26.0	27.7	29.1	30.5	31.9	33.3	31.9
	85°	5.6	5.6	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.6
	87.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.3	2.3	2.0
	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):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
16.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
305.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
648.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1356.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1643.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1922.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2187.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2496.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3024.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3935.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5315.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6381.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6892.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7020.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7091.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7239.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7292.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6920.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5863.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4652.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3637.8											
2822.3											
1717.1											
496.3											
146.0											
30.2											
5.4											
2.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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0.0											

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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
0.0	2.5°	18.4	18.1	17.8	17.5	17.2	16.7	16.7	16.4	16.4
0.0	5°	20.1	19.8	19.5	19.2	19.2	18.9	18.6	18.6	18.4
0.0	7.5°	22.9	22.6	22.3	22.0	22.0	21.7	21.7	21.5	21.5
0.0	10°	26.3	26.3	26.3	26.3	26.3	26.0	26.0	26.0	25.7
0.0	12.5°	33.0	33.3	33.9	34.5	35.3	35.3	35.3	35.0	35.0
0.0	15°	52.3	55.4	57.6	59.9	61.9	66.4	65.8	65.0	64.4
0.0	17.5°	132.2	146.3	153.9	161.3	168.9	189.8	186.4	183.0	179.9
0.0	20°	342.6	379.6	404.2	428.8	453.6	492.9	483.3	473.7	464.1
0.0	22.5°	733.0	818.0	855.0	892.0	928.7	976.2	945.4	914.6	884.1
0.0	25°	1110.3	1220.8	1283.2	1345.6	1407.8	1434.9	1394.8	1354.4	1314.3
0.0	27.5°	1481.8	1606.6	1661.7	1716.5	1771.6	1828.3	1778.6	1728.6	1678.9
0.0	30°	1779.5	1915.9	1975.5	2034.8	2094.4	2134.0	2082.6	2030.9	1979.5
0.0	32.5°	2071.5	2220.7	2285.9	2351.2	2416.1	2472.9	2409.6	2346.1	2282.8
0.0	35°	2357.7	2528.0	2617.8	2707.6	2797.5	2850.3	2775.1	2699.7	2624.6
0.0	37.5°	2706.8	2917.2	3017.8	3118.3	3218.9	3315.2	3232.4	3149.4	3066.6
0.0	40°	3321.7	3618.6	3772.8	3927.3	4081.5	4205.8	4101.3	3996.8	3892.3
0.0	42.5°	4359.4	4783.1	5004.9	5226.3	5448.0	5642.1	5532.2	5422.3	5312.4
0.0	45°	5879.3	6443.1	6713.4	6983.5	7253.8	7395.6	7237.4	7078.9	6920.8
0.0	47.5°	6942.5	7504.0	7744.7	7985.3	8226.0	8387.8	8194.4	8000.9	7807.7
0.0	50°	7426.1	7960.2	8201.7	8442.9	8684.4	8812.9	8589.5	8365.8	8142.4
0.0	52.5°	7519.6	8018.7	8306.8	8595.2	8883.3	9055.0	8791.2	8527.1	8263.3
0.0	55°	7620.7	8149.7	8483.9	8818.3	9152.4	9390.3	9092.0	8793.4	8495.2
0.0	57.5°	7811.1	8383.0	8716.3	9049.3	9382.6	9584.6	9285.5	8986.1	8687.0
0.0	60°	7828.0	8363.5	8650.0	8936.6	9223.1	9350.2	9064.0	8777.6	8491.5
0.0	62.5°	7322.7	7724.6	7923.5	8122.3	8321.2	8459.3	8160.7	7861.9	7563.3
0.0	65°	6112.1	6360.9	6519.4	6677.8	6836.3	7001.0	6727.6	6454.1	6180.7
0.0	67.5°	4843.0	5033.4	5242.1	5450.8	5659.6	5835.6	5616.7	5397.5	5178.6
	70°	3894.8	4151.5	4386.3	4621.0	4855.7	4999.8	4780.0	4560.0	4340.2
	72.5°	3094.3	3366.3	3562.3	3758.1	3954.1	3989.4	3827.9	3666.3	3505.0
	75°	1878.9	2041.0	2045.0	2048.7	2052.6	2086.2	1952.3	1818.5	1684.9
	77.5°	554.2	612.1	659.8	707.3	755.0	812.6	763.5	714.1	664.9
	80°	160.4	175.1	187.6	199.7	212.1	204.8	193.2	181.6	170.0
	82.5°	28.8	27.1	26.8	26.6	26.6	25.1	22.9	20.6	18.4
	85°	5.1	4.8	4.5	4.2	4.0	3.7	3.1	2.8	2.3
	87.5°	1.7	1.4	1.1	0.8	0.8	0.3	0.3	0.3	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: P1049174

CATALOG NUMBER: GALN-SA1B-835-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
0.0	0.0	2.5°	16.1	15.8	15.8	15.8	15.8	15.5	15.5	15.5	15.5
0.0	0.0	5°	17.8	17.8	17.5	17.5	17.2	17.2	16.9	16.9	16.7
0.0	0.0	7.5°	20.9	20.6	20.3	20.1	19.8	19.2	18.9	18.6	18.6
0.0	0.0	10°	25.1	24.6	24.3	23.7	23.4	22.9	22.3	21.7	21.2
0.0	0.0	12.5°	33.0	31.9	31.1	29.9	28.8	28.0	26.8	26.0	24.9
0.0	0.0	15°	57.3	54.5	51.4	47.7	43.8	40.1	36.2	33.9	31.4
0.0	0.0	17.5°	146.6	131.9	116.9	104.8	92.6	80.8	68.6	59.9	51.1
0.0	0.0	20°	373.1	332.5	291.8	251.7	211.3	171.2	130.8	110.4	90.1
0.0	0.0	22.5°	702.2	626.8	551.1	477.9	404.5	331.3	258.2	212.1	166.4
0.0	0.0	25°	1083.8	988.9	894.0	773.6	653.0	532.7	412.4	337.5	262.7
0.0	0.0	27.5°	1410.3	1301.0	1191.7	1045.4	899.1	752.7	606.4	494.9	383.6
0.0	0.0	30°	1693.0	1575.5	1458.0	1287.7	1117.4	947.1	776.8	637.2	497.7
0.0	0.0	32.5°	1938.2	1797.6	1656.9	1481.2	1305.5	1129.8	954.1	783.0	611.8
0.0	0.0	35°	2221.0	2056.8	1892.5	1697.6	1502.4	1307.5	1112.6	919.4	725.9
0.0	0.0	37.5°	2580.2	2378.9	2177.2	1960.0	1742.8	1525.8	1308.6	1087.7	866.9
0.0	0.0	40°	3268.0	3008.2	2748.3	2472.3	2196.1	1920.1	1644.2	1373.0	1101.9
0.0	0.0	42.5°	4500.4	4149.3	3798.2	3431.0	3063.5	2696.3	2328.9	1946.4	1563.7
0.0	0.0	45°	5891.2	5455.7	5019.8	4607.7	4195.3	3783.2	3371.1	2846.3	2321.5
0.0	0.0	47.5°	6673.3	6203.0	5732.7	5342.7	4952.6	4562.5	4172.5	3606.7	3040.9
0.0	0.0	50°	6961.1	6482.4	6003.6	5644.6	5285.3	4926.3	4567.0	4000.4	3433.5
0.0	0.0	52.5°	7022.4	6534.1	6045.7	5684.4	5323.2	4962.2	4600.9	4038.0	3475.1
0.0	0.0	55°	7148.4	6624.5	6100.2	5688.4	5276.6	4864.8	4452.9	3881.0	3309.0
0.0	0.0	57.5°	7313.1	6775.9	6238.6	5769.5	5300.3	4831.4	4362.3	3736.9	3111.5
0.0	0.0	60°	7269.9	6802.4	6334.7	5832.2	5329.4	4826.9	4324.1	3636.3	2948.3
0.0	0.0	62.5°	6519.7	6147.4	5774.8	5361.6	4948.1	4534.8	4121.6	3413.5	2705.4
0.0	0.0	65°	5363.6	5091.8	4820.1	4487.7	4154.9	3822.5	3490.0	2855.1	2220.4
0.0	0.0	67.5°	4347.0	4040.8	3734.4	3469.4	3204.2	2939.2	2674.0	2174.4	1674.7
		70°	3453.6	3120.6	2787.3	2528.6	2269.5	2010.8	1752.1	1419.9	1088.0
		72.5°	2742.7	2442.4	2142.2	1866.2	1589.9	1314.0	1037.7	841.4	645.1
		75°	1310.9	1190.8	1070.8	926.5	782.1	637.8	493.5	407.9	322.6
		77.5°	485.8	421.1	356.2	297.4	238.7	180.2	121.5	111.3	101.1
		80°	125.7	109.6	93.2	81.6	69.8	58.2	46.6	42.1	37.8
		82.5°	14.4	13.3	12.4	11.9	11.0	10.5	9.6	8.8	7.9
		85°	0.8	0.6	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):

[illegible]

REPORT NUMBER: P1049174

CATALOG NUMBER: GALN-SA1B-835-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	16.4	16.4
0.0	0.0	2.5°	15.3	15.0
0.0	0.0	5°	16.1	15.8
0.0	0.0	7.5°	17.8	17.2
0.0	0.0	10°	19.5	18.9
0.0	0.0	12.5°	22.0	21.2
0.0	0.0	15°	24.9	23.2
0.0	0.0	17.5°	29.7	26.0
0.0	0.0	20°	40.1	30.8
0.0	0.0	22.5°	56.5	38.4
0.0	0.0	25°	83.0	53.1
0.0	0.0	27.5°	115.5	70.6
0.0	0.0	30°	153.7	88.4
0.0	0.0	32.5°	187.3	105.4
0.0	0.0	35°	231.0	122.6
0.0	0.0	37.5°	285.0	144.6
0.0	0.0	40°	368.6	177.9
0.0	0.0	42.5°	519.2	239.5
0.0	0.0	45°	843.1	414.1
0.0	0.0	47.5°	1297.3	685.0
0.0	0.0	50°	1587.1	874.2
0.0	0.0	52.5°	1610.9	872.8
0.0	0.0	55°	1470.5	775.9
0.0	0.0	57.5°	1254.7	648.5
0.0	0.0	60°	1042.8	512.9
0.0	0.0	62.5°	821.7	354.2
0.0	0.0	65°	600.5	250.5
0.0	0.0	67.5°	431.3	187.3
		70°	283.6	143.5
		72.5°	184.7	116.9
		75°	124.3	96.9
		77.5°	72.6	64.4
		80°	25.7	22.6
		82.5°	4.8	3.4
		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: P1049174

CATALOG NUMBER: GALN-SA1B-835-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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

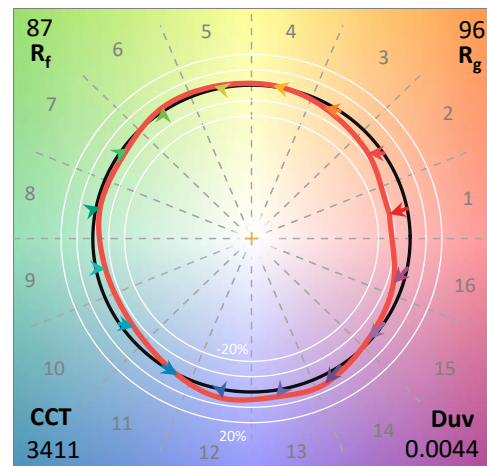
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-10
 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-835-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3411
 CIE u' : 0.2360
 CIE v' : 0.5189
 Duv: 0.0044
 CIE x: 0.4154
 CIE y: 0.4059
 CIE z: 0.1787
 Peak Wavelength (nm): 601
 Dominant Wavelength (nm): 579
 Purity: 46.51914
 R_f: 86.6
 R_g: 95.9

CRI (Ra): 83.5
 R1: 81.1
 R2: 88.9
 R3: 97.2
 R4: 83.8
 R5: 81.7
 R6: 86.9
 R7: 86.1
 R8: 62.2
 R9: 6.3
 R10: 75.4
 R11: 84.1
 R12: 69.7
 R13: 82.8
 R14: 98.5
 R15: 72.6



Test Conditions

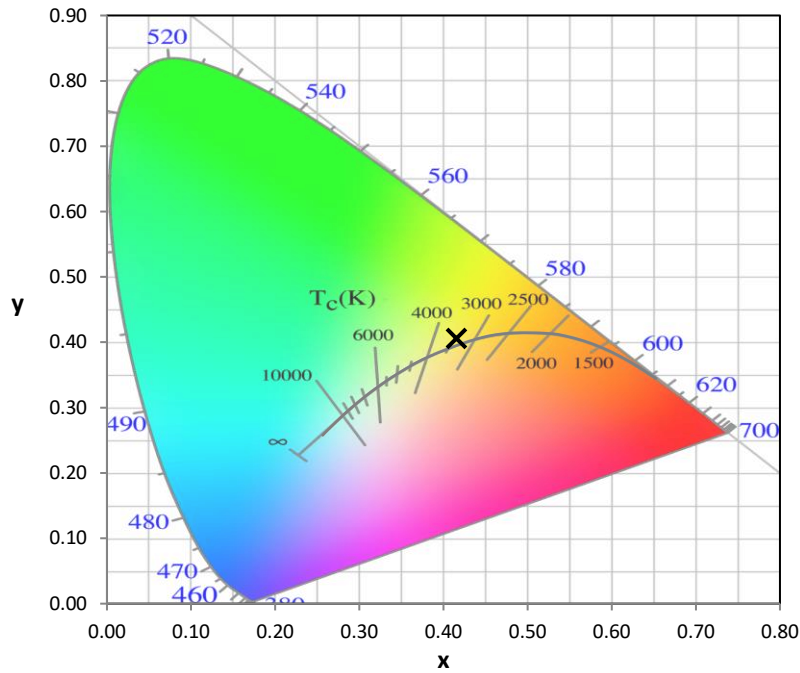
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-10

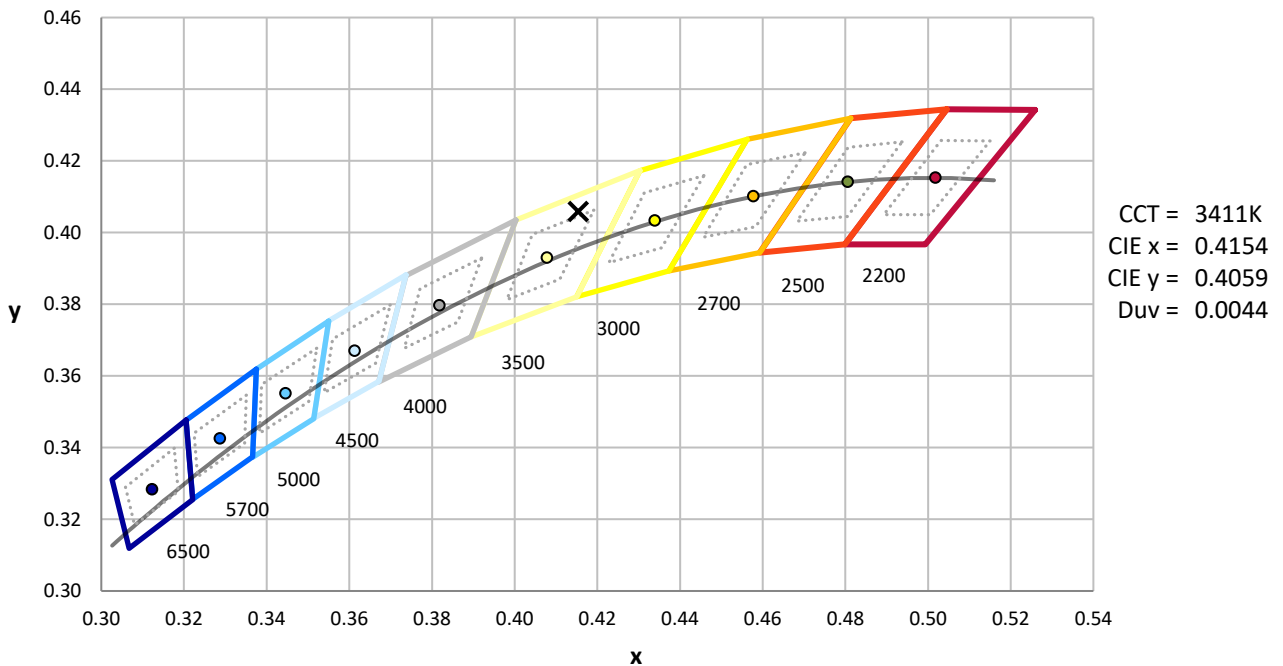
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-10

CIE 1931 Chromaticity Diagram



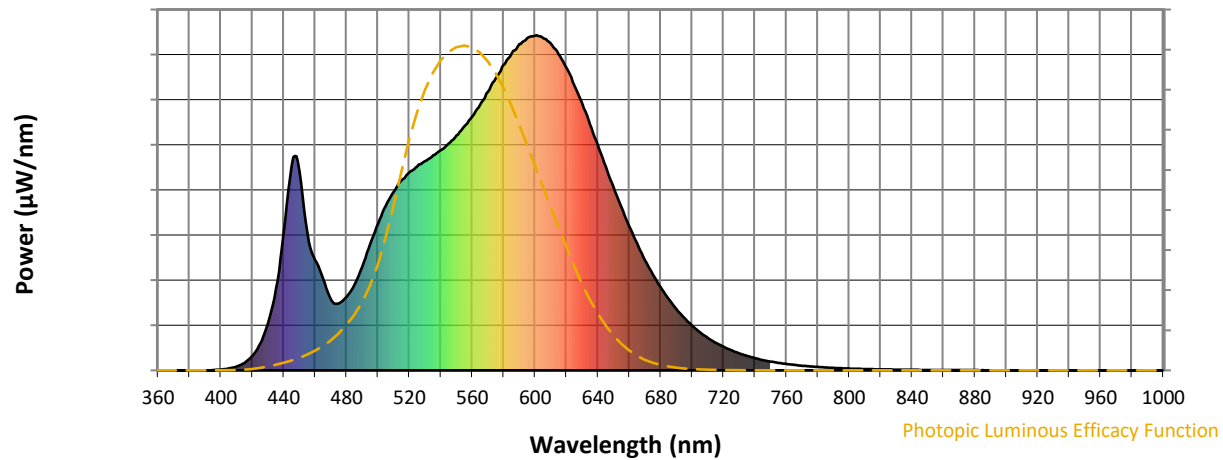
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

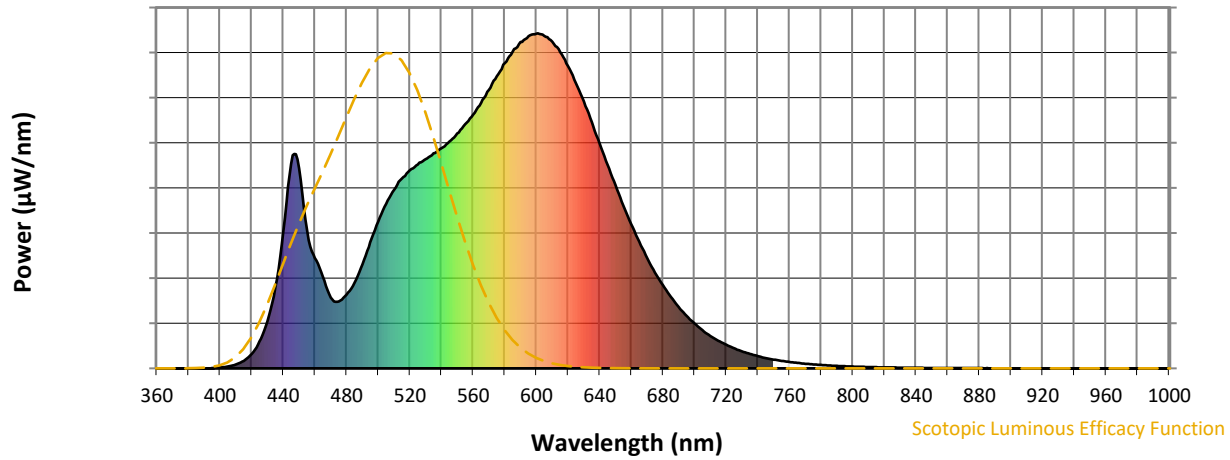


Photopic Lumens: NR

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-10

Scotopic Flux vs. Wavelength



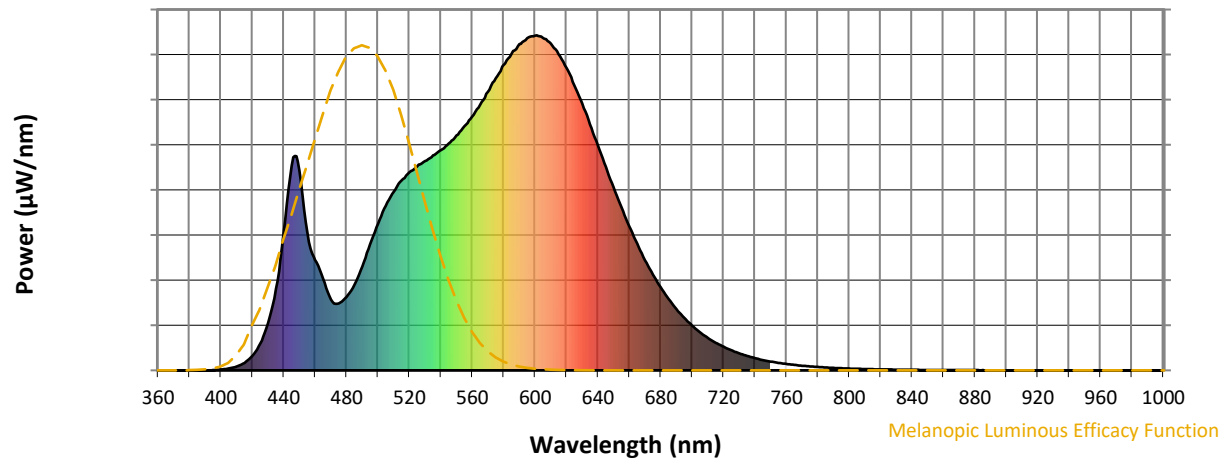
Scotopic Lumens: NR

S/P: 1.48

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.88

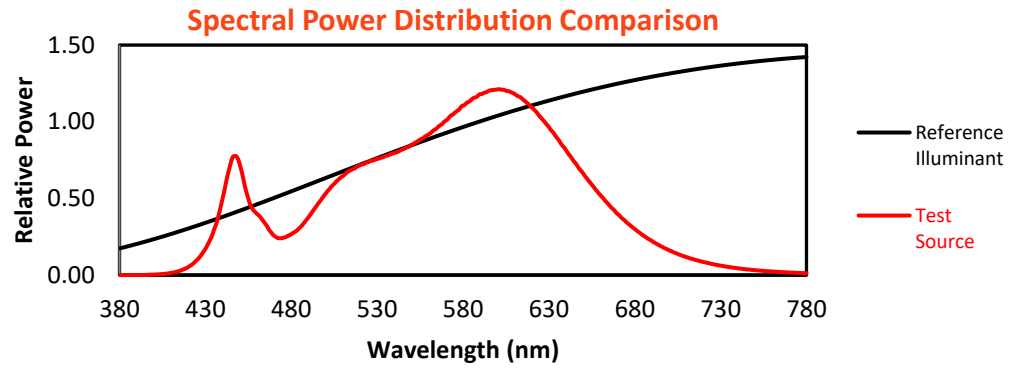
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-10

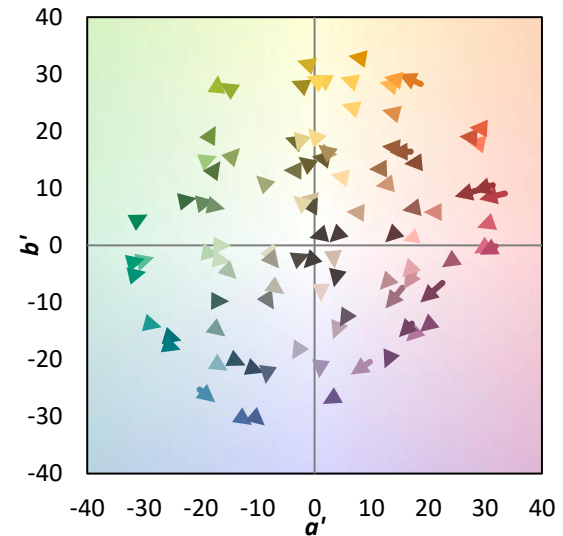
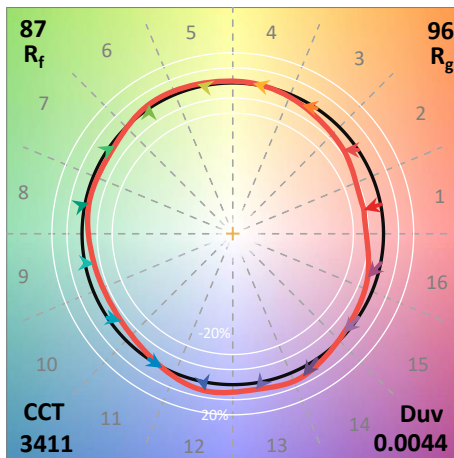
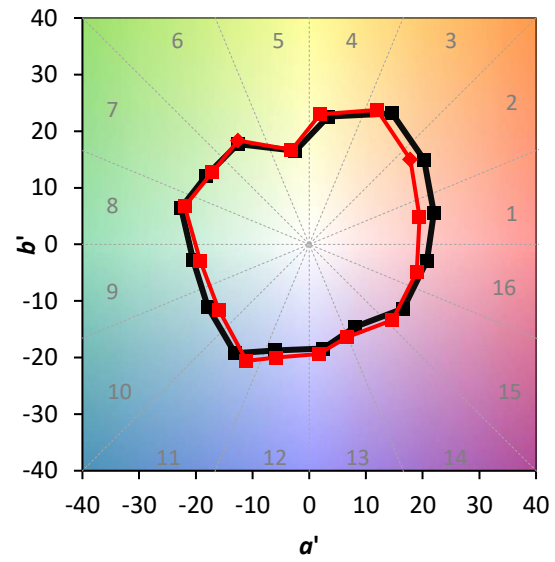
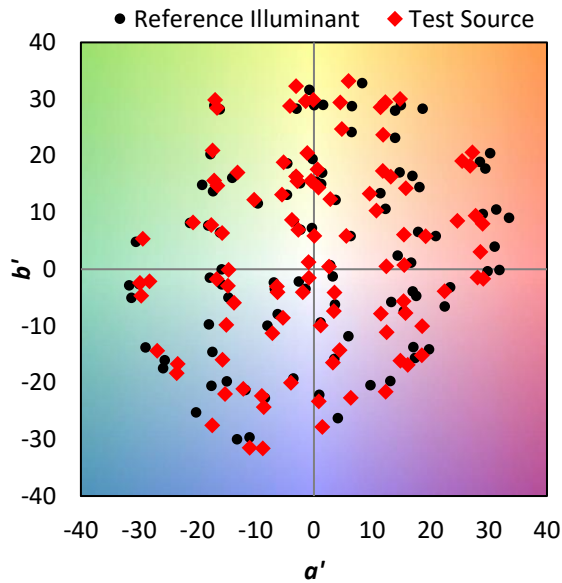
TM-30-18

Summary

$R_f = 86.6$
 $R_g = 95.9$
 $CIE R_a = 83.5$
 $R_9 = 6.3$

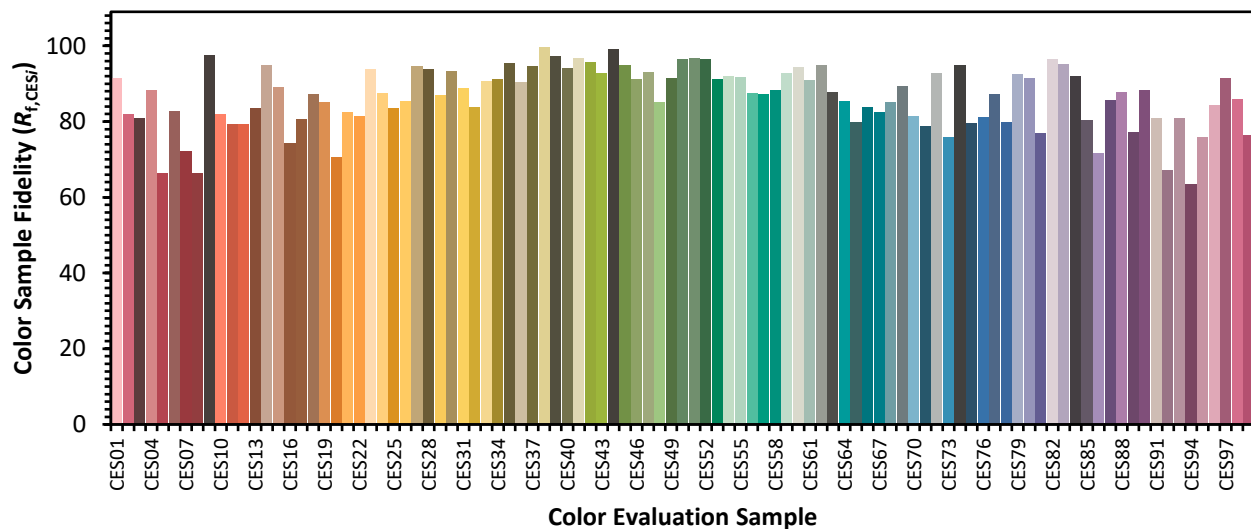


Color Vector Graphics

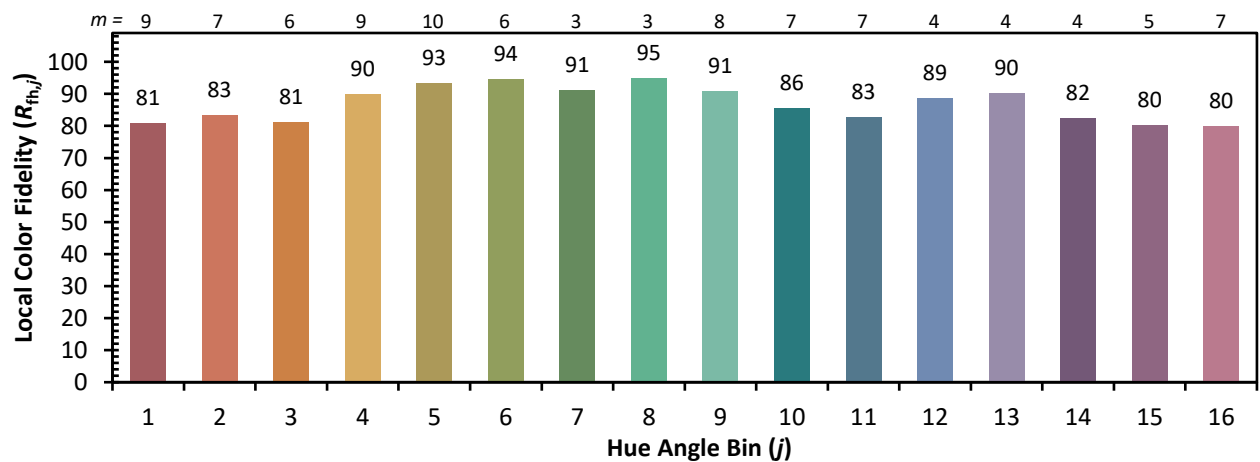
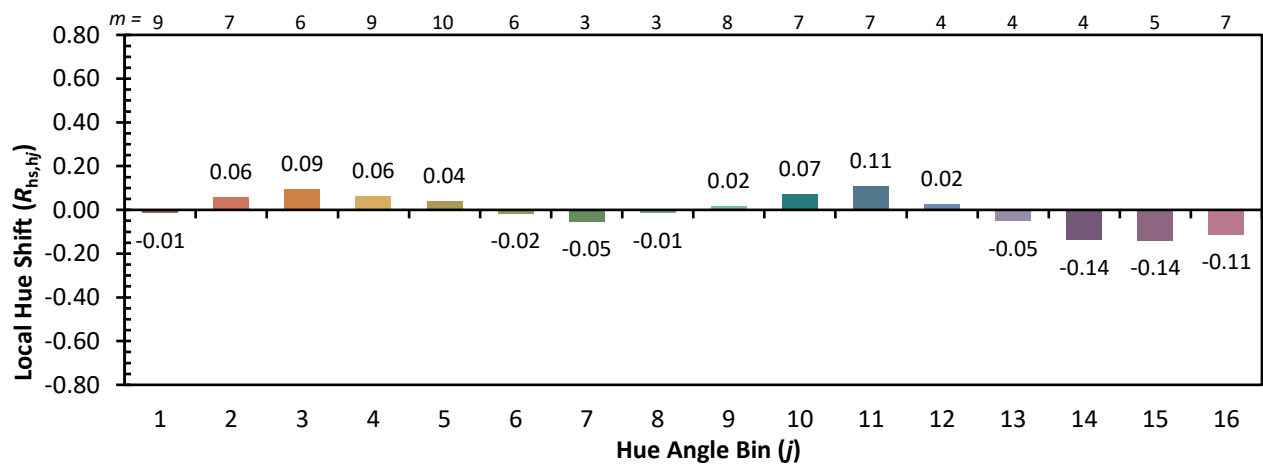
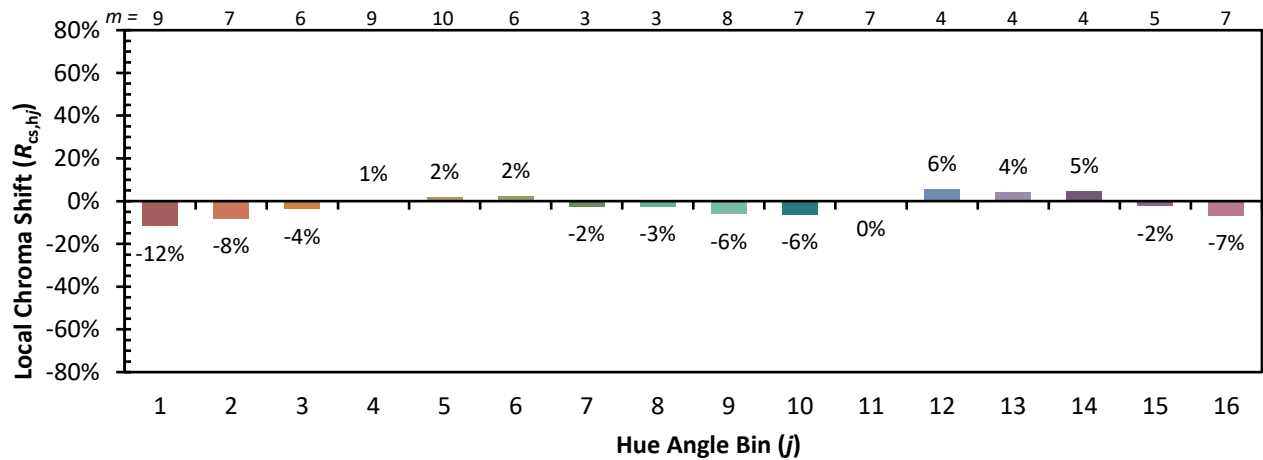


Individual Sample Fidelity Index ($R_{f,i}$)

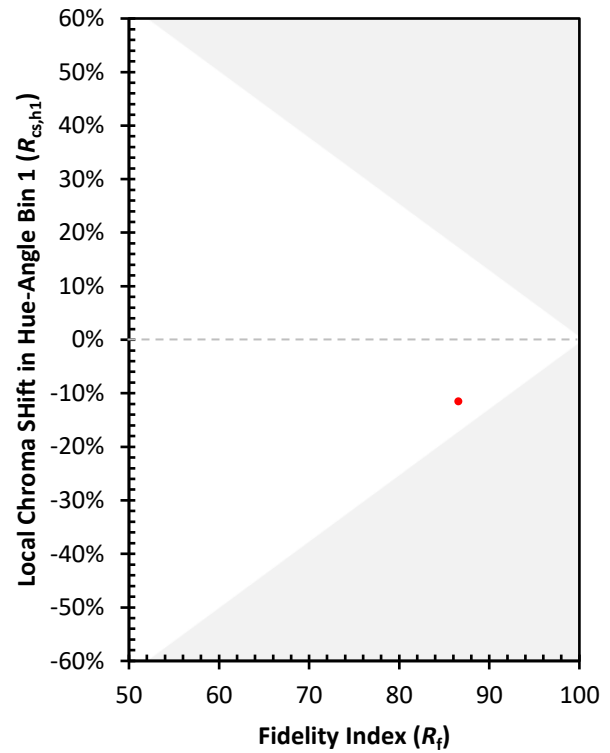
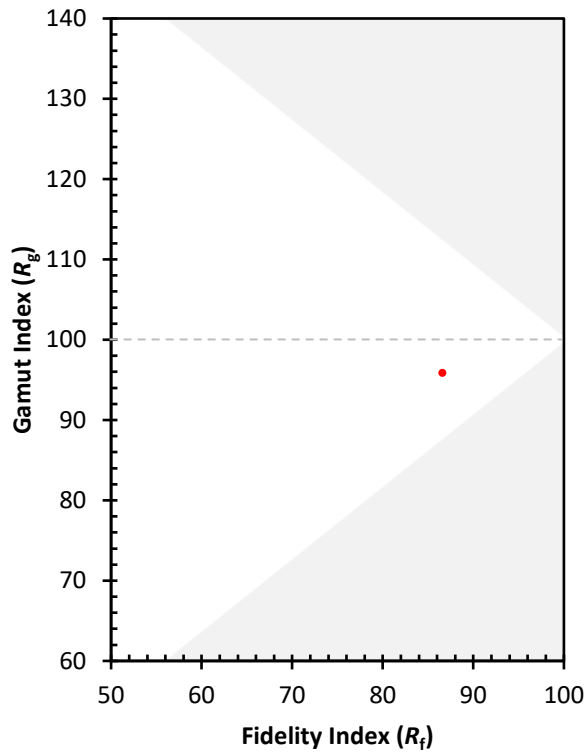
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)