

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: P1049115

Luminaire Tested: **GALN-SA4C-827-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049115
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4C-827-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 4xLight Square PACKAGE
80CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (56) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17637.6 lumens
Efficiency: N/A
Efficacy: 92.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

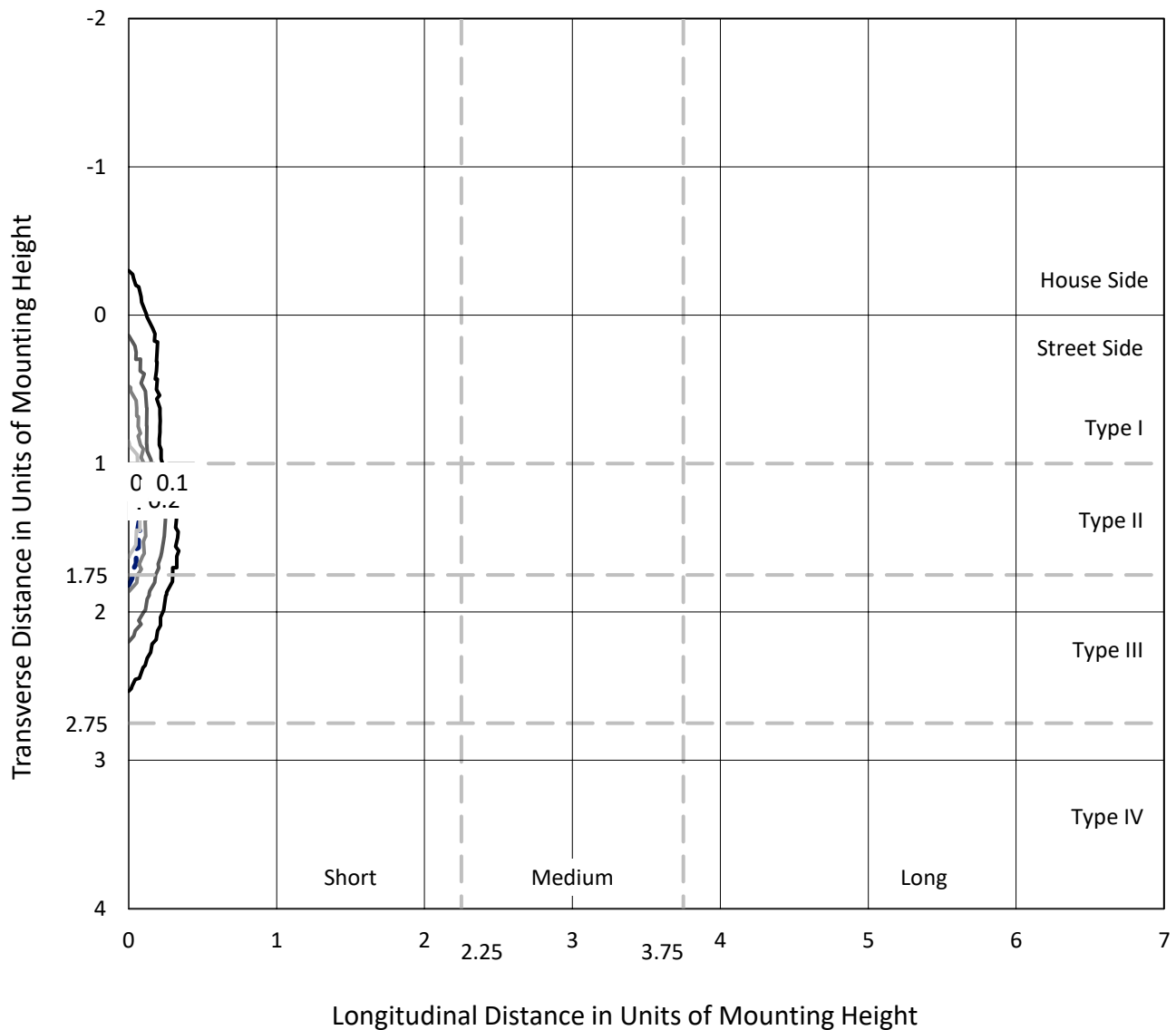
Input Watts (W): 190.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

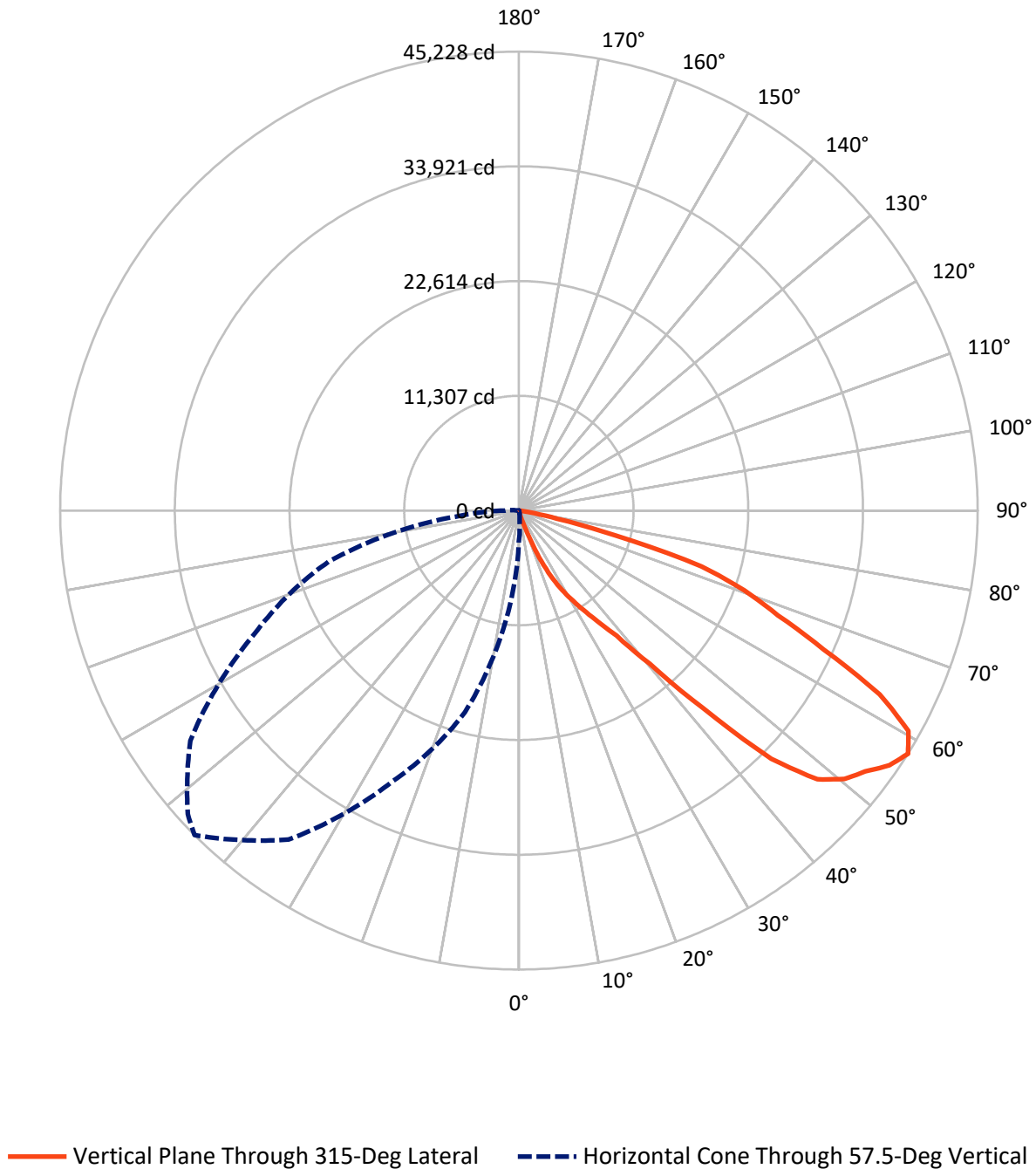
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 2.6 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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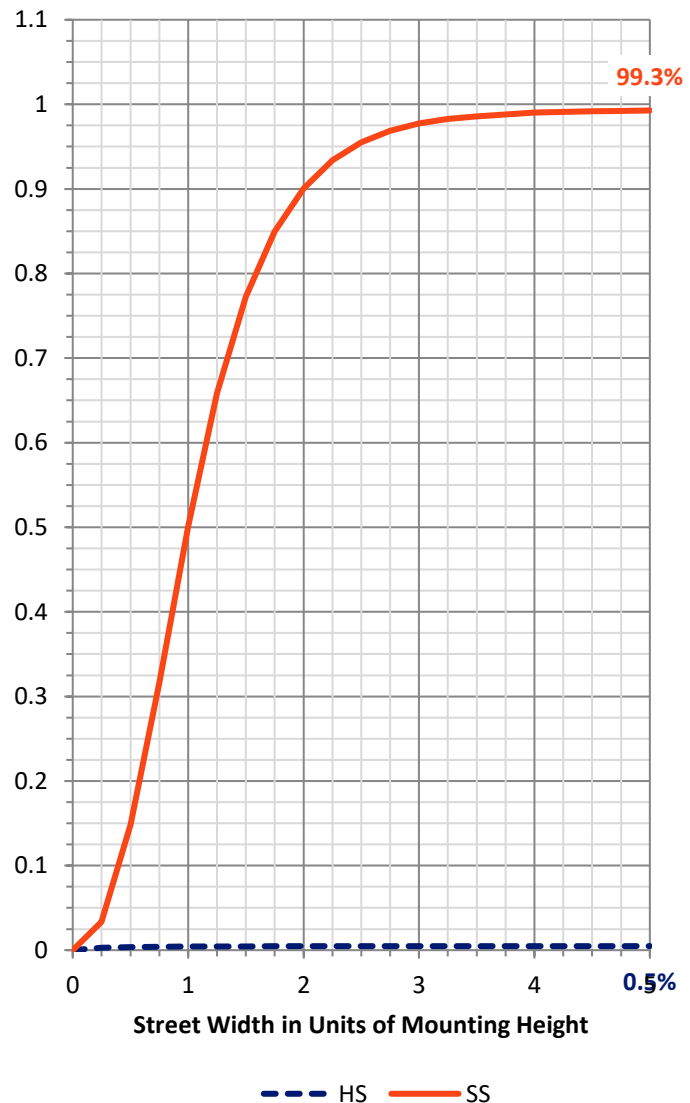
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	88.3	0.0	88.3
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	17549.3	0.0	17549.3
	% Fixture	99.5	0.0	99.5
Total	Lumens	17637.6	0.0	17637.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.9	0.0
10°-20°	38.7	0.2
20°-30°	418.0	2.4
30°-40°	1236.1	7.0
40°-50°	3683.8	20.9
50°-60°	5841.1	33.1
60°-70°	4875.9	27.6
70°-80°	1503.6	8.5
80°-90°	33.4	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°	17637.6	100.0
0°-180°	17637.6	100.0

Coefficient of Utilization



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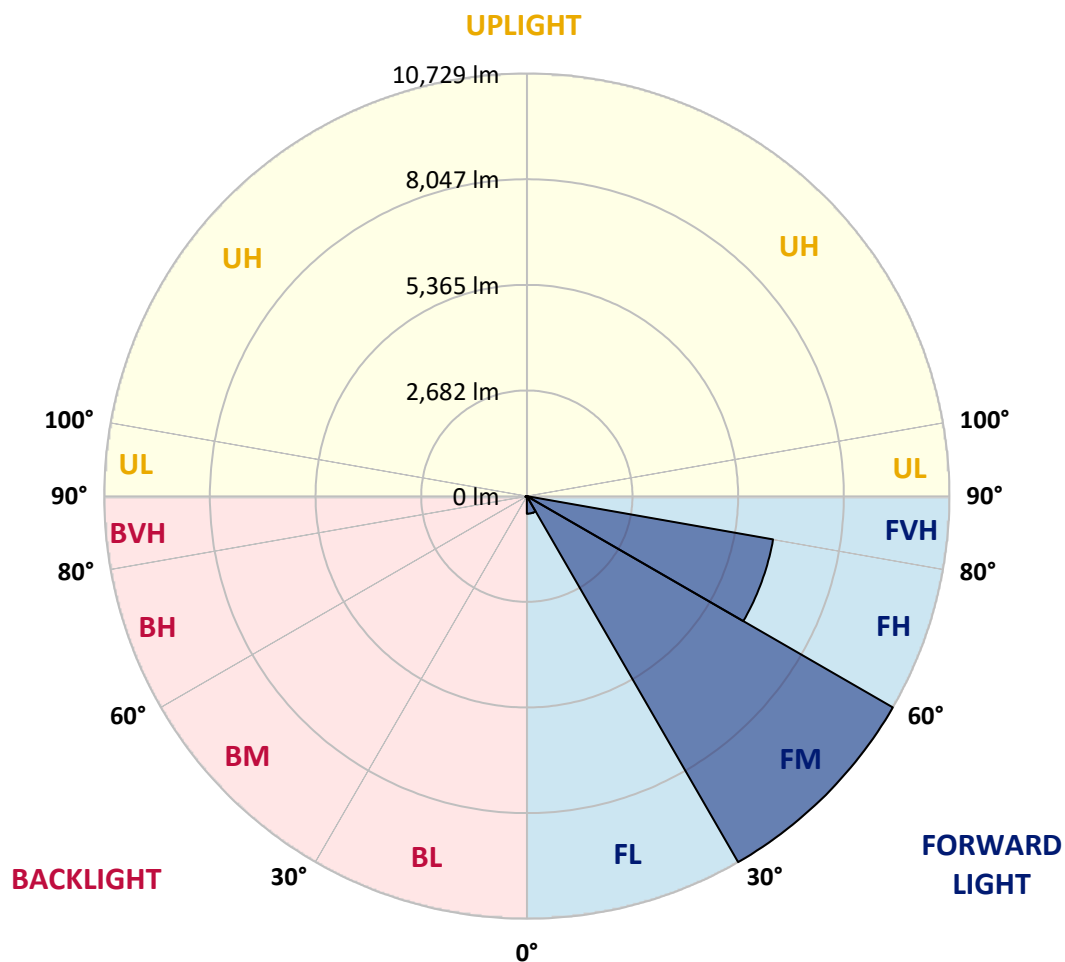
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	447.4	2.5			
FM	(30°-60°)	10729.4	60.8			
FH	(60°-80°)	6346.6	36.0			G3/7500
FVH	(80°-90°)	25.8	0.1			G1/100
BL	(0°-30°)	16.2	0.1	B0/110		
BM	(30°-60°)	31.6	0.2	B0/220		
BH	(60°-80°)	32.9	0.2	B0/110		G0/110
BVH	(80°-90°)	7.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
2.5°	70.6	70.6	70.6	70.6	69.3	69.3	68.0	68.0	66.6	66.6
5°	74.6	74.6	73.3	72.0	72.0	70.6	69.3	68.0	68.0	66.6
7.5°	81.3	80.0	78.6	77.3	74.6	73.3	70.6	69.3	68.0	65.3
10°	89.3	86.6	84.0	81.3	78.6	76.0	73.3	72.0	69.3	68.0
12.5°	100.0	96.0	90.6	86.6	84.0	80.0	77.3	74.6	70.6	68.0
15°	109.3	104.0	97.3	92.0	88.0	82.6	78.6	74.6	72.0	68.0
17.5°	122.6	113.3	102.6	96.0	90.6	84.0	77.3	73.3	69.3	64.0
20°	145.3	126.6	106.6	98.6	90.6	82.6	74.6	69.3	65.3	60.0
22.5°	181.3	149.3	117.3	105.3	94.6	82.6	72.0	66.6	61.3	56.0
25°	250.6	193.3	136.0	120.0	104.0	88.0	72.0	65.3	60.0	53.3
27.5°	333.2	247.9	161.3	138.6	117.3	94.6	72.0	64.0	57.3	49.3
30°	417.2	303.9	189.3	159.9	130.6	101.3	72.0	62.6	54.6	45.3
32.5°	497.2	355.9	213.3	178.6	143.9	108.0	73.3	62.6	52.0	41.3
35°	578.5	398.5	217.3	181.3	145.3	108.0	72.0	60.0	49.3	37.3
37.5°	682.4	446.5	209.3	173.3	138.6	102.6	68.0	57.3	46.6	34.7
40°	839.7	526.5	213.3	175.9	138.6	101.3	64.0	53.3	44.0	33.3
42.5°	1130.3	681.1	230.6	187.9	145.3	101.3	58.6	49.3	41.3	32.0
45°	1954.0	1131.6	309.2	245.2	181.3	117.3	53.3	45.3	38.7	30.7
47.5°	3232.2	1894.0	555.8	429.2	303.9	177.3	52.0	45.3	38.7	30.7
50°	4125.2	2412.5	699.7	538.5	377.2	215.9	54.6	46.6	40.0	32.0
52.5°	4118.5	2449.8	779.7	598.5	418.5	237.2	57.3	49.3	42.7	34.7
55°	3661.4	2228.5	794.4	610.4	427.8	243.9	61.3	53.3	45.3	37.3
57.5°	3060.2	1892.7	725.1	561.1	398.5	234.6	70.6	61.3	53.3	44.0
60°	2420.5	1492.8	565.1	446.5	329.2	210.6	93.3	81.3	70.6	58.6
62.5°	1671.4	1082.3	493.2	395.9	299.9	202.6	106.6	94.6	84.0	72.0
65°	1182.2	814.4	445.2	362.5	281.2	198.6	116.0	102.6	90.6	77.3
67.5°	883.7	647.8	410.5	339.9	269.2	198.6	128.0	112.0	97.3	81.3
70°	677.1	531.8	385.2	327.9	271.9	214.6	157.3	134.6	113.3	90.6
72.5°	551.8	454.5	355.9	314.6	273.2	231.9	190.6	161.3	132.0	101.3
75°	457.2	389.2	321.2	286.6	253.2	218.6	183.9	157.3	132.0	105.3
77.5°	303.9	277.2	249.2	229.3	209.3	187.9	167.9	145.3	124.0	101.3
80°	106.6	102.6	98.6	106.6	114.6	122.6	130.6	114.6	100.0	84.0
82.5°	16.0	14.7	13.3	14.7	16.0	17.3	18.7	20.0	21.3	22.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
0.0	2.5°	65.3	65.3	64.0	64.0	64.0	62.6	62.6	61.3	61.3	61.3
0.0	5°	64.0	64.0	62.6	61.3	60.0	60.0	58.6	57.3	57.3	56.0
0.0	7.5°	62.6	61.3	60.0	58.6	57.3	56.0	54.6	53.3	53.3	52.0
0.0	10°	64.0	61.3	60.0	57.3	56.0	54.6	52.0	50.6	49.3	49.3
0.0	12.5°	61.3	60.0	57.3	54.6	53.3	50.6	49.3	46.6	45.3	45.3
0.0	15°	61.3	58.6	54.6	52.0	49.3	48.0	45.3	42.7	41.3	40.0
0.0	17.5°	57.3	54.6	50.6	48.0	45.3	42.7	40.0	37.3	36.0	34.7
0.0	20°	52.0	49.3	45.3	41.3	38.7	36.0	33.3	30.7	29.3	28.0
0.0	22.5°	46.6	44.0	40.0	36.0	33.3	30.7	26.7	24.0	22.7	20.0
0.0	25°	44.0	40.0	36.0	32.0	28.0	25.3	21.3	17.3	14.7	12.0
0.0	27.5°	37.3	33.3	29.3	25.3	21.3	17.3	13.3	9.3	6.7	5.3
0.0	30°	32.0	28.0	24.0	20.0	14.7	10.7	6.7	1.3	1.3	1.3
0.0	32.5°	26.7	22.7	17.3	13.3	10.7	6.7	4.0	0.0	0.0	0.0
0.0	35°	21.3	17.3	12.0	8.0	6.7	4.0	2.7	0.0	0.0	0.0
0.0	37.5°	18.7	14.7	9.3	4.0	2.7	2.7	1.3	0.0	0.0	0.0
0.0	40°	17.3	12.0	6.7	1.3	1.3	1.3	0.0	0.0	0.0	0.0
0.0	42.5°	17.3	12.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	17.3	12.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	17.3	12.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	18.7	13.3	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	21.3	16.0	10.7	5.3	4.0	2.7	1.3	0.0	0.0	0.0
0.0	55°	26.7	24.0	20.0	17.3	13.3	9.3	4.0	0.0	0.0	0.0
0.0	57.5°	34.7	34.7	33.3	32.0	24.0	16.0	8.0	0.0	0.0	0.0
0.0	60°	46.6	46.6	46.6	46.6	34.7	24.0	12.0	0.0	0.0	0.0
0.0	62.5°	57.3	54.6	50.6	48.0	36.0	24.0	12.0	0.0	0.0	0.0
0.0	65°	57.3	52.0	45.3	38.7	29.3	20.0	9.3	0.0	0.0	0.0
0.0	67.5°	53.3	42.7	30.7	20.0	14.7	10.7	5.3	0.0	0.0	0.0
	70°	53.3	37.3	21.3	5.3	4.0	2.7	1.3	0.0	0.0	0.0
	72.5°	53.3	36.0	17.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	58.6	40.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	58.6	40.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	52.0	34.7	17.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	17.3	12.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
0.0	2.5°	60.0	60.0	60.0	58.6	58.6	58.6	58.6	57.3	57.3	57.3
0.0	5°	54.6	54.6	53.3	53.3	52.0	52.0	50.6	50.6	49.3	49.3
0.0	7.5°	50.6	49.3	49.3	48.0	46.6	46.6	45.3	45.3	44.0	42.7
0.0	10°	46.6	45.3	45.3	44.0	42.7	41.3	41.3	40.0	38.7	37.3
0.0	12.5°	42.7	41.3	40.0	38.7	37.3	36.0	36.0	34.7	33.3	32.0
0.0	15°	37.3	36.0	34.7	33.3	32.0	30.7	30.7	29.3	28.0	26.7
0.0	17.5°	32.0	30.7	30.7	29.3	28.0	26.7	25.3	22.7	21.3	20.0
0.0	20°	24.0	22.7	21.3	20.0	18.7	16.0	14.7	12.0	9.3	8.0
0.0	22.5°	16.0	13.3	12.0	9.3	6.7	5.3	4.0	1.3	0.0	0.0
0.0	25°	5.3	4.0	2.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA4C-827-U-RBC

[illegible]

REPORT NUMBER: P1049115

CATALOG NUMBER: GALN-SA4C-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°	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
0.0	2.5°	56.0	56.0	56.0	54.6	54.6	54.6	54.6	54.6	54.6	54.6
0.0	5°	48.0	48.0	48.0	46.6	46.6	45.3	45.3	45.3	44.0	44.0
0.0	7.5°	41.3	40.0	40.0	38.7	38.7	37.3	37.3	37.3	36.0	36.0
0.0	10°	34.7	33.3	33.3	32.0	32.0	30.7	30.7	29.3	29.3	28.0
0.0	12.5°	30.7	29.3	28.0	26.7	26.7	25.3	24.0	24.0	22.7	21.3
0.0	15°	24.0	22.7	21.3	20.0	18.7	17.3	16.0	16.0	14.7	13.3
0.0	17.5°	16.0	13.3	12.0	10.7	10.7	9.3	8.0	6.7	5.3	4.0
0.0	20°	4.0	2.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049115

CATALOG NUMBER: GALN-SA4C-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049115

CATALOG NUMBER: GALN-SA4C-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°	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
0.0	2.5°	54.6	53.3	53.3	53.3	54.6	54.6	54.6	54.6	54.6	54.6
0.0	5°	44.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
0.0	7.5°	36.0	34.7	34.7	34.7	34.7	33.3	33.3	33.3	33.3	33.3
0.0	10°	28.0	26.7	26.7	26.7	26.7	25.3	25.3	25.3	25.3	25.3
0.0	12.5°	20.0	20.0	18.7	18.7	18.7	17.3	17.3	17.3	17.3	16.0
0.0	15°	12.0	10.7	9.3	9.3	9.3	8.0	8.0	8.0	8.0	6.7
0.0	17.5°	2.7	2.7	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049115

CATALOG NUMBER: GALN-SA4C-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049115

CATALOG NUMBER: GALN-SA4C-827-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
0.0	2.5°	56.0	56.0	57.3	57.3	58.6	61.3	62.6	64.0	66.6	69.3
0.0	5°	44.0	45.3	45.3	46.6	48.0	49.3	50.6	52.0	54.6	57.3
0.0	7.5°	34.7	34.7	36.0	36.0	37.3	40.0	41.3	42.7	45.3	49.3
0.0	10°	26.7	26.7	28.0	28.0	29.3	32.0	33.3	34.7	37.3	41.3
0.0	12.5°	17.3	18.7	18.7	20.0	21.3	24.0	25.3	26.7	29.3	32.0
0.0	15°	8.0	9.3	9.3	10.7	12.0	14.7	16.0	17.3	20.0	24.0
0.0	17.5°	1.3	1.3	2.7	2.7	4.0	5.3	6.7	8.0	12.0	14.7
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	5.3
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049115

CATALOG NUMBER: GALN-SA4C-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049115

CATALOG NUMBER: GALN-SA4C-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°	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
0.0	2.5°	73.3	76.0	78.6	81.3	84.0	86.6	88.0	90.6	92.0	93.3
0.0	5°	62.6	65.3	69.3	72.0	74.6	77.3	80.0	81.3	82.6	84.0
0.0	7.5°	54.6	57.3	61.3	64.0	66.6	69.3	72.0	74.6	76.0	77.3
0.0	10°	46.6	50.6	53.3	57.3	60.0	62.6	65.3	68.0	70.6	72.0
0.0	12.5°	37.3	41.3	45.3	48.0	52.0	56.0	58.6	61.3	64.0	66.6
0.0	15°	29.3	33.3	37.3	40.0	44.0	48.0	52.0	54.6	57.3	60.0
0.0	17.5°	21.3	25.3	29.3	32.0	36.0	40.0	42.7	46.6	49.3	52.0
0.0	20°	10.7	14.7	18.7	22.7	26.7	30.7	33.3	37.3	40.0	42.7
0.0	22.5°	1.3	5.3	9.3	12.0	16.0	20.0	22.7	26.7	29.3	32.0
0.0	25°	0.0	1.3	4.0	5.3	6.7	9.3	12.0	14.7	17.3	20.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.3	2.7	5.3	8.0	10.7
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.3	2.7
	85°	0.0	0.0	0.0	0.0	0.0	2.7	4.0	6.7	8.0	9.3
	87.5°	0.0	1.3	2.7	4.0	5.3	8.0	10.7	13.3	14.7	16.0
	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: P1049115

CATALOG NUMBER: GALN-SA4C-827-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
77.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.3											
5.3											
12.0											
17.3											
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REPORT NUMBER: P1049115

CATALOG NUMBER: GALN-SA4C-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°	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
0.0	2.5°	94.6	94.6	94.6	94.6	93.3	93.3	93.3	92.0	92.0	90.6
0.0	5°	86.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	86.6	86.6
0.0	7.5°	80.0	81.3	82.6	82.6	84.0	84.0	84.0	82.6	82.6	81.3
0.0	10°	76.0	77.3	77.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6
0.0	12.5°	70.6	72.0	73.3	73.3	74.6	74.6	74.6	74.6	73.3	73.3
0.0	15°	64.0	66.6	68.0	69.3	69.3	70.6	70.6	70.6	70.6	70.6
0.0	17.5°	58.6	61.3	62.6	64.0	64.0	65.3	65.3	66.6	66.6	66.6
0.0	20°	48.0	50.6	52.0	54.6	56.0	57.3	58.6	60.0	60.0	61.3
0.0	22.5°	37.3	40.0	41.3	44.0	45.3	46.6	48.0	49.3	50.6	52.0
0.0	25°	26.7	29.3	30.7	33.3	34.7	36.0	37.3	38.7	38.7	40.0
0.0	27.5°	14.7	17.3	20.0	21.3	24.0	25.3	26.7	28.0	29.3	30.7
0.0	30°	6.7	8.0	9.3	12.0	13.3	14.7	16.0	18.7	20.0	21.3
0.0	32.5°	0.0	0.0	1.3	4.0	5.3	6.7	8.0	9.3	9.3	10.7
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.7	4.0	5.3
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	2.7	2.7	2.7	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	82.5°	6.7	8.0	9.3	9.3	10.7	10.7	10.7	10.7	9.3	9.3
	85°	13.3	14.7	16.0	16.0	17.3	17.3	17.3	17.3	17.3	17.3
	87.5°	18.7	20.0	21.3	21.3	22.7	22.7	22.7	22.7	22.7	22.7
	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: P1049115

CATALOG NUMBER: GALN-SA4C-827-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
77.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
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4.0											
9.3											
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REPORT NUMBER: P1049115

CATALOG NUMBER: GALN-SA4C-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°	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
0.0	2.5°	89.3	89.3	88.0	88.0	88.0	88.0	88.0	89.3	90.6	90.6
0.0	5°	85.3	85.3	84.0	84.0	84.0	85.3	85.3	86.6	88.0	89.3
0.0	7.5°	81.3	80.0	80.0	81.3	81.3	82.6	82.6	84.0	85.3	86.6
0.0	10°	78.6	77.3	77.3	77.3	78.6	78.6	80.0	81.3	82.6	84.0
0.0	12.5°	73.3	73.3	73.3	73.3	74.6	74.6	76.0	77.3	80.0	81.3
0.0	15°	70.6	69.3	69.3	69.3	69.3	70.6	70.6	73.3	76.0	77.3
0.0	17.5°	65.3	65.3	64.0	64.0	65.3	65.3	66.6	69.3	72.0	73.3
0.0	20°	60.0	58.6	57.3	57.3	58.6	58.6	60.0	62.6	65.3	66.6
0.0	22.5°	52.0	50.6	50.6	50.6	50.6	52.0	52.0	54.6	58.6	61.3
0.0	25°	41.3	42.7	42.7	44.0	44.0	45.3	46.6	49.3	53.3	56.0
0.0	27.5°	32.0	33.3	33.3	36.0	37.3	38.7	40.0	44.0	48.0	50.6
0.0	30°	24.0	25.3	26.7	28.0	30.7	33.3	36.0	40.0	44.0	46.6
0.0	32.5°	14.7	17.3	18.7	21.3	24.0	26.7	29.3	33.3	38.7	42.7
0.0	35°	10.7	12.0	14.7	16.0	18.7	21.3	24.0	29.3	33.3	38.7
0.0	37.5°	5.3	8.0	10.7	13.3	16.0	18.7	21.3	26.7	32.0	36.0
0.0	40°	4.0	6.7	8.0	10.7	14.7	17.3	20.0	25.3	30.7	36.0
0.0	42.5°	2.7	4.0	5.3	9.3	12.0	16.0	20.0	25.3	30.7	36.0
0.0	45°	2.7	2.7	4.0	8.0	12.0	17.3	21.3	26.7	30.7	36.0
0.0	47.5°	2.7	4.0	5.3	10.7	13.3	17.3	21.3	25.3	30.7	34.7
0.0	50°	4.0	5.3	6.7	12.0	14.7	18.7	21.3	26.7	30.7	36.0
0.0	52.5°	2.7	4.0	5.3	10.7	14.7	20.0	24.0	29.3	34.7	38.7
0.0	55°	1.3	1.3	1.3	8.0	16.0	22.7	30.7	34.7	40.0	44.0
0.0	57.5°	0.0	0.0	0.0	5.3	16.0	25.3	34.7	40.0	45.3	49.3
0.0	60°	0.0	0.0	0.0	5.3	16.0	25.3	34.7	41.3	48.0	54.6
0.0	62.5°	0.0	0.0	0.0	5.3	13.3	21.3	29.3	40.0	52.0	62.6
0.0	65°	0.0	0.0	0.0	4.0	10.7	17.3	24.0	40.0	56.0	70.6
0.0	67.5°	0.0	0.0	0.0	4.0	10.7	16.0	22.7	40.0	56.0	73.3
	70°	0.0	0.0	0.0	4.0	10.7	17.3	24.0	40.0	56.0	72.0
	72.5°	0.0	0.0	0.0	4.0	12.0	18.7	26.7	40.0	53.3	66.6
	75°	0.0	0.0	0.0	5.3	12.0	20.0	28.0	40.0	52.0	62.6
	77.5°	0.0	0.0	0.0	4.0	12.0	18.7	26.7	38.7	50.6	61.3
	80°	4.0	2.7	2.7	6.7	12.0	17.3	22.7	34.7	48.0	60.0
	82.5°	8.0	8.0	6.7	9.3	12.0	16.0	20.0	30.7	42.7	53.3
	85°	16.0	16.0	14.7	16.0	16.0	17.3	18.7	24.0	29.3	34.7
	87.5°	21.3	21.3	20.0	20.0	20.0	18.7	18.7	18.7	18.7	17.3
	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: P1049115

CATALOG NUMBER: GALN-SA4C-827-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
77.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.0											
80.0											
74.6											
73.3											
72.0											
64.0											
40.0											
17.3											
0.0											
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REPORT NUMBER: P1049115

CATALOG NUMBER: GALN-SA4C-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°	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
0.0	2.5°	93.3	94.6	94.6	96.0	97.3	98.6	98.6	100.0	100.0	100.0
0.0	5°	92.0	94.6	96.0	97.3	98.6	100.0	101.3	102.6	104.0	104.0
0.0	7.5°	90.6	92.0	94.6	96.0	98.6	100.0	102.6	104.0	105.3	106.6
0.0	10°	88.0	90.6	93.3	96.0	98.6	101.3	104.0	106.6	109.3	110.6
0.0	12.5°	85.3	89.3	92.0	94.6	98.6	102.6	105.3	109.3	112.0	114.6
0.0	15°	84.0	86.6	90.6	93.3	98.6	104.0	108.0	113.3	118.6	122.6
0.0	17.5°	80.0	85.3	89.3	93.3	98.6	105.3	110.6	116.0	124.0	132.0
0.0	20°	74.6	78.6	84.0	88.0	96.0	102.6	110.6	117.3	129.3	141.3
0.0	22.5°	69.3	74.6	78.6	84.0	93.3	101.3	110.6	118.6	138.6	157.3
0.0	25°	64.0	70.6	76.0	81.3	92.0	102.6	113.3	124.0	157.3	190.6
0.0	27.5°	61.3	66.6	73.3	78.6	92.0	106.6	120.0	133.3	186.6	238.6
0.0	30°	57.3	64.0	69.3	76.0	93.3	110.6	128.0	145.3	226.6	307.9
0.0	32.5°	53.3	60.0	66.6	73.3	96.0	118.6	139.9	162.6	269.2	374.5
0.0	35°	49.3	57.3	64.0	70.6	100.0	130.6	159.9	189.3	307.9	425.2
0.0	37.5°	48.0	56.0	62.6	69.3	101.3	132.0	163.9	194.6	311.9	429.2
0.0	40°	49.3	56.0	64.0	70.6	97.3	124.0	149.3	175.9	298.6	419.8
0.0	42.5°	49.3	57.3	65.3	73.3	94.6	116.0	137.3	158.6	294.6	430.5
0.0	45°	48.0	56.0	64.0	72.0	92.0	110.6	130.6	149.3	318.6	486.5
0.0	47.5°	46.6	54.6	62.6	70.6	90.6	110.6	130.6	150.6	411.9	671.8
0.0	50°	46.6	54.6	61.3	68.0	92.0	117.3	141.3	165.3	599.8	1033.0
0.0	52.5°	49.3	56.0	61.3	66.6	94.6	124.0	151.9	179.9	762.4	1343.5
0.0	55°	53.3	57.3	62.6	66.6	101.3	134.6	169.3	202.6	811.7	1420.8
0.0	57.5°	58.6	62.6	66.6	70.6	113.3	155.9	197.3	239.9	815.7	1390.2
0.0	60°	65.3	70.6	74.6	78.6	124.0	170.6	215.9	261.2	738.4	1214.2
0.0	62.5°	80.0	86.6	92.0	98.6	142.6	185.3	229.3	271.9	613.1	954.3
0.0	65°	92.0	97.3	102.6	108.0	150.6	194.6	237.2	279.9	519.8	759.7
0.0	67.5°	94.6	100.0	104.0	109.3	153.3	197.3	239.9	283.9	445.2	605.1
	70°	96.0	102.6	110.6	117.3	162.6	207.9	251.9	297.2	394.5	491.8
	72.5°	92.0	105.3	117.3	129.3	171.9	213.3	255.9	297.2	366.5	435.8
	75°	92.0	110.6	128.0	145.3	177.3	207.9	239.9	270.6	323.9	377.2
	77.5°	97.3	121.3	145.3	169.3	187.9	205.3	223.9	241.2	275.9	310.6
	80°	97.3	122.6	146.6	171.9	179.9	189.3	197.3	205.3	209.3	213.3
	82.5°	84.0	104.0	124.0	143.9	134.6	125.3	116.0	106.6	100.0	92.0
	85°	42.7	46.6	49.3	52.0	48.0	44.0	40.0	36.0	33.3	29.3
	87.5°	17.3	17.3	16.0	16.0	16.0	16.0	14.7	14.7	14.7	14.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049115

CATALOG NUMBER: GALN-SA4C-827-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
77.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
209.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
283.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
394.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
534.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
667.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
758.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
826.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
894.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1027.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1294.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3021.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3804.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3890.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3510.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3001.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2345.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1772.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1308.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
926.3											
689.1											
501.2											
377.2											
211.9											
96.0											
28.0											
13.3											
0.0											
0.0											
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REPORT NUMBER: P1049115

CATALOG NUMBER: GALN-SA4C-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°	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
0.0	2.5°	100.0	98.6	98.6	97.3	96.0	94.6	93.3	92.0	90.6	89.3
0.0	5°	104.0	104.0	104.0	102.6	102.6	101.3	101.3	100.0	98.6	97.3
0.0	7.5°	108.0	109.3	109.3	110.6	110.6	110.6	110.6	109.3	109.3	109.3
0.0	10°	114.6	116.0	117.3	118.6	120.0	121.3	121.3	122.6	122.6	122.6
0.0	12.5°	122.6	126.6	129.3	133.3	136.0	139.9	142.6	146.6	149.3	151.9
0.0	15°	134.6	141.3	149.3	155.9	162.6	171.9	182.6	191.9	201.3	215.9
0.0	17.5°	151.9	173.3	194.6	214.6	235.9	282.6	329.2	374.5	421.2	489.2
0.0	20°	185.3	249.2	311.9	375.9	438.5	602.5	765.1	929.0	1091.6	1266.2
0.0	22.5°	259.9	417.2	574.5	731.7	889.0	1231.6	1572.8	1915.3	2256.5	2657.7
0.0	25°	377.2	666.4	955.7	1243.6	1532.8	2068.6	2605.7	3141.5	3677.3	4198.5
0.0	27.5°	549.1	991.6	1434.2	1875.3	2317.8	3044.2	3772.0	4498.4	5224.8	5813.9
0.0	30°	761.1	1360.8	1960.6	2560.4	3160.2	3986.6	4812.9	5638.0	6464.3	7108.1
0.0	32.5°	961.0	1695.4	2429.8	3162.9	3897.3	4838.3	5780.6	6721.6	7662.6	8366.3
0.0	35°	1091.6	1979.3	2868.3	3756.0	4643.7	5662.0	6680.3	7697.2	8715.5	9519.3
0.0	37.5°	1222.2	2247.2	3270.8	4295.8	5319.4	6437.7	7556.0	8674.2	9792.5	10785.5
0.0	40°	1368.8	2571.1	3772.0	4974.2	6175.1	7500.0	8823.5	10148.4	11471.9	12872.7
0.0	42.5°	1623.4	3108.2	4594.4	6079.2	7564.0	9316.7	11069.4	12820.7	14573.4	16572.7
0.0	45°	2101.9	4194.5	6288.4	8381.0	10473.6	12795.4	15118.6	17440.4	19762.3	22422.6
0.0	47.5°	3273.5	6152.5	9030.1	11909.1	14786.7	17293.8	19799.6	22306.7	24812.4	27462.2
0.0	50°	5008.9	8359.7	11710.5	15059.9	18410.7	20679.3	22946.4	25215.0	27482.2	30002.6
0.0	52.5°	6264.4	9755.2	13247.3	16738.0	20228.7	22276.0	24324.6	26371.9	28419.1	30774.3
0.0	55°	6359.1	9829.8	13301.9	16772.7	20243.4	22300.0	24356.6	26413.2	28469.8	30966.2
0.0	57.5°	5630.0	9072.7	12514.2	15956.9	19398.4	21740.2	24080.7	26422.5	28763.0	31462.1
0.0	60°	4789.0	8233.0	11675.8	15119.9	18562.7	21260.4	23959.4	26657.1	29354.8	31883.2
0.0	62.5°	3736.0	7278.7	10822.8	14365.5	17908.2	20647.3	23386.3	26124.0	28863.0	30759.6
0.0	65°	2784.3	6224.4	9664.5	13103.3	16543.4	18737.3	20931.2	23123.7	25317.6	26491.8
0.0	67.5°	2012.6	4979.5	7945.2	10912.1	13877.7	15447.8	17017.9	18586.7	20156.8	21055.1
	70°	1360.8	3416.1	5470.0	7525.3	9579.2	10869.4	12161.0	13451.2	14741.4	15954.3
	72.5°	942.3	2096.6	3252.2	4406.4	5560.7	6858.9	8155.7	9453.9	10750.8	12034.4
	75°	625.1	1150.3	1676.7	2201.9	2727.0	3688.0	4650.3	5611.3	6572.3	7337.4
	77.5°	443.8	601.1	759.7	917.0	1074.3	1254.2	1435.5	1615.4	1795.4	2068.6
	80°	210.6	230.6	250.6	269.2	289.2	354.5	419.8	485.2	550.5	619.8
	82.5°	100.0	108.0	116.0	122.6	130.6	137.3	143.9	150.6	157.3	150.6
	85°	26.7	26.7	28.0	28.0	28.0	28.0	28.0	28.0	28.0	26.7
	87.5°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	10.7	10.7	9.3
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
77.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
231.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
555.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1442.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3058.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4719.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6403.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7753.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9071.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10323.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11779.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14273.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18572.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25083.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30111.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32523.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33129.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33464.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34161.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34410.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32657.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27667.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21954.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17165.8											
13317.9											
8102.4											
2341.8											
689.1											
142.6											
25.3											
9.3											
0.0											
0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
0.0	2.5°	86.6	85.3	84.0	82.6	81.3	78.6	78.6	77.3	77.3
0.0	5°	94.6	93.3	92.0	90.6	90.6	89.3	88.0	88.0	86.6
0.0	7.5°	108.0	106.6	105.3	104.0	104.0	102.6	102.6	101.3	101.3
0.0	10°	124.0	124.0	124.0	124.0	124.0	122.6	122.6	122.6	121.3
0.0	12.5°	155.9	157.3	159.9	162.6	166.6	166.6	166.6	165.3	165.3
0.0	15°	246.6	261.2	271.9	282.6	291.9	313.2	310.6	306.6	303.9
0.0	17.5°	623.8	690.4	726.4	761.1	797.0	895.7	879.7	863.7	849.0
0.0	20°	1616.8	1791.4	1907.3	2023.3	2140.6	2325.8	2280.5	2235.2	2189.9
0.0	22.5°	3458.8	3859.9	4034.6	4209.2	4382.4	4606.3	4461.1	4315.8	4171.8
0.0	25°	5239.5	5760.6	6055.2	6349.7	6643.0	6770.9	6581.6	6391.0	6201.8
0.0	27.5°	6992.2	7581.3	7841.2	8099.8	8359.7	8627.6	8393.0	8157.1	7922.5
0.0	30°	8397.0	9040.8	9322.0	9601.9	9883.1	10069.7	9827.1	9583.2	9340.7
0.0	32.5°	9775.2	10478.9	10786.8	11094.7	11401.2	11669.2	11370.6	11070.7	10772.1
0.0	35°	11125.3	11929.1	12352.9	12776.8	13200.6	13449.8	13095.3	12739.4	12384.9
0.0	37.5°	12772.8	13765.7	14240.2	14714.7	15189.2	15643.7	15253.2	14861.3	14470.8
0.0	40°	15674.4	17075.2	17803.0	18532.0	19259.8	19846.2	19353.1	18859.9	18366.8
0.0	42.5°	20571.3	22570.6	23616.9	24661.8	25708.1	26623.8	26105.3	25586.8	25068.3
0.0	45°	27743.4	30403.8	31679.3	32953.5	34229.1	34898.2	34151.8	33404.0	32657.6
0.0	47.5°	32760.3	35410.0	36545.6	37681.2	38816.8	39580.5	38667.5	37754.5	36842.8
0.0	50°	35042.1	37562.5	38702.1	39840.4	40980.0	41586.4	40532.1	39476.5	38422.2
0.0	52.5°	35483.3	37838.4	39198.0	40558.8	41918.3	42728.7	41483.8	40237.6	38992.7
0.0	55°	35960.4	38456.9	40033.7	41611.8	43188.5	44310.8	42903.3	41494.5	40087.0
0.0	57.5°	36858.8	39557.8	41130.6	42702.0	44274.8	45227.8	43816.3	42403.5	40992.0
0.0	60°	36938.8	39465.9	40817.4	42170.2	43521.7	44121.5	42771.3	41419.8	40069.6
0.0	62.5°	34554.3	36450.9	37389.3	38327.6	39265.9	39917.7	38508.9	37098.7	35689.9
0.0	65°	28841.7	30015.9	30763.6	31511.4	32259.1	33036.2	31746.0	30455.8	29165.5
0.0	67.5°	22853.1	23751.5	24736.5	25721.4	26706.4	27536.8	26503.8	25469.5	24436.6
	70°	18378.7	19590.3	20697.9	21805.5	22913.1	23592.9	22555.9	21517.6	20480.7
	72.5°	14601.4	15885.0	16810.0	17733.6	18658.6	18825.3	18062.9	17300.5	16539.4
	75°	8866.2	9631.2	9649.9	9667.2	9685.9	9844.5	9212.7	8580.9	7950.5
	77.5°	2615.1	2888.3	3113.6	3337.5	3562.7	3834.6	3602.7	3369.5	3137.5
	80°	757.1	826.4	885.0	942.3	1001.0	966.3	911.7	857.0	802.4
	82.5°	136.0	128.0	126.6	125.3	125.3	118.6	108.0	97.3	86.6
	85°	24.0	22.7	21.3	20.0	18.7	17.3	14.7	13.3	10.7
	87.5°	8.0	6.7	5.3	4.0	4.0	1.3	1.3	1.3	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049115

CATALOG NUMBER: GALN-SA4C-827-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°	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
0.0	0.0	2.5°	76.0	74.6	74.6	74.6	74.6	73.3	73.3	73.3	73.3
0.0	0.0	5°	84.0	84.0	82.6	82.6	81.3	81.3	80.0	80.0	78.6
0.0	0.0	7.5°	98.6	97.3	96.0	94.6	93.3	90.6	89.3	88.0	88.0
0.0	0.0	10°	118.6	116.0	114.6	112.0	110.6	108.0	105.3	102.6	100.0
0.0	0.0	12.5°	155.9	150.6	146.6	141.3	136.0	132.0	126.6	122.6	117.3
0.0	0.0	15°	270.6	257.2	242.6	225.3	206.6	189.3	170.6	159.9	147.9
0.0	0.0	17.5°	691.8	622.4	551.8	494.5	437.2	381.2	323.9	282.6	241.2
0.0	0.0	20°	1760.7	1568.8	1376.8	1187.6	997.0	807.7	617.1	521.1	425.2
0.0	0.0	22.5°	3313.5	2957.6	2600.4	2255.2	1908.6	1563.4	1218.2	1001.0	785.1
0.0	0.0	25°	5114.2	4666.3	4218.5	3650.7	3081.6	2513.8	1946.0	1592.8	1239.6
0.0	0.0	27.5°	6654.9	6139.1	5623.3	4932.9	4242.5	3552.1	2861.6	2335.2	1810.0
0.0	0.0	30°	7989.1	7434.7	6880.2	6076.5	5272.8	4469.1	3665.4	3006.9	2348.5
0.0	0.0	32.5°	9146.1	8482.3	7818.5	6989.5	6160.5	5331.4	4502.4	3694.7	2887.0
0.0	0.0	35°	10480.2	9705.9	8930.1	8010.5	7089.5	6169.8	5250.1	4338.4	3425.4
0.0	0.0	37.5°	12175.6	11225.3	10273.7	9248.7	8223.7	7200.1	6175.1	5132.8	4090.5
0.0	0.0	40°	15421.1	14194.9	12968.7	11666.5	10363.0	9060.8	7758.6	6479.0	5199.5
0.0	0.0	42.5°	21236.4	19579.6	17922.9	16190.2	14456.2	12723.4	10989.4	9184.7	7378.7
0.0	0.0	45°	27799.4	25744.1	23687.5	21742.9	19796.9	17852.3	15907.6	13431.2	10954.7
0.0	0.0	47.5°	31490.0	29270.8	27051.6	25211.0	23370.3	21529.6	19688.9	17019.2	14349.5
0.0	0.0	50°	32848.2	30589.0	28329.8	26635.8	24940.4	23246.3	21550.9	18877.2	16202.2
0.0	0.0	52.5°	33137.5	30832.9	28528.4	26823.7	25119.0	23415.6	21710.9	19054.5	16398.1
0.0	0.0	55°	33731.9	31259.5	28785.7	26842.4	24899.1	22955.8	21012.5	18313.4	15614.4
0.0	0.0	57.5°	34509.0	31973.9	29438.8	27224.9	25011.0	22798.5	20584.6	17633.7	14682.7
0.0	0.0	60°	34305.0	32099.2	29892.0	27520.8	25148.3	22777.2	20404.7	17159.2	13912.3
0.0	0.0	62.5°	30765.0	29008.3	27250.2	25300.3	23349.0	21399.0	19449.0	16107.6	12766.1
0.0	0.0	65°	25309.6	24027.4	22745.2	21176.4	19606.3	18037.5	16468.8	13472.5	10477.6
0.0	0.0	67.5°	20512.6	19067.8	17621.7	16371.5	15119.9	13869.7	12618.1	10260.3	7902.5
		70°	16296.8	14725.4	13152.6	11931.7	10709.5	9488.6	8267.7	6700.3	5134.2
		72.5°	12942.0	11525.2	10108.4	8806.2	7502.6	6200.4	4896.9	3970.6	3044.2
		75°	6185.8	5619.3	5052.9	4371.8	3690.7	3009.6	2328.5	1924.6	1522.1
		77.5°	2292.5	1987.3	1680.7	1403.5	1126.3	850.4	573.1	525.1	477.2
		80°	593.1	517.1	439.8	385.2	329.2	274.6	219.9	198.6	178.6
		82.5°	68.0	62.6	58.6	56.0	52.0	49.3	45.3	41.3	37.3
		85°	4.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049115

CATALOG NUMBER: GALN-SA4C-827-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	77.3	77.3
0.0	0.0	2.5°	72.0	70.6
0.0	0.0	5°	76.0	74.6
0.0	0.0	7.5°	84.0	81.3
0.0	0.0	10°	92.0	89.3
0.0	0.0	12.5°	104.0	100.0
0.0	0.0	15°	117.3	109.3
0.0	0.0	17.5°	139.9	122.6
0.0	0.0	20°	189.3	145.3
0.0	0.0	22.5°	266.6	181.3
0.0	0.0	25°	391.9	250.6
0.0	0.0	27.5°	545.1	333.2
0.0	0.0	30°	725.1	417.2
0.0	0.0	32.5°	883.7	497.2
0.0	0.0	35°	1090.3	578.5
0.0	0.0	37.5°	1344.9	682.4
0.0	0.0	40°	1739.4	839.7
0.0	0.0	42.5°	2449.8	1130.3
0.0	0.0	45°	3978.6	1954.0
0.0	0.0	47.5°	6121.8	3232.2
0.0	0.0	50°	7489.3	4125.2
0.0	0.0	52.5°	7601.3	4118.5
0.0	0.0	55°	6938.8	3661.4
0.0	0.0	57.5°	5920.5	3060.2
0.0	0.0	60°	4920.9	2420.5
0.0	0.0	62.5°	3877.3	1671.4
0.0	0.0	65°	2833.7	1182.2
0.0	0.0	67.5°	2035.3	883.7
		70°	1338.2	677.1
		72.5°	871.7	551.8
		75°	586.5	457.2
		77.5°	342.5	303.9
		80°	121.3	106.6
		82.5°	22.7	16.0
		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: P1049115

CATALOG NUMBER: GALN-SA4C-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

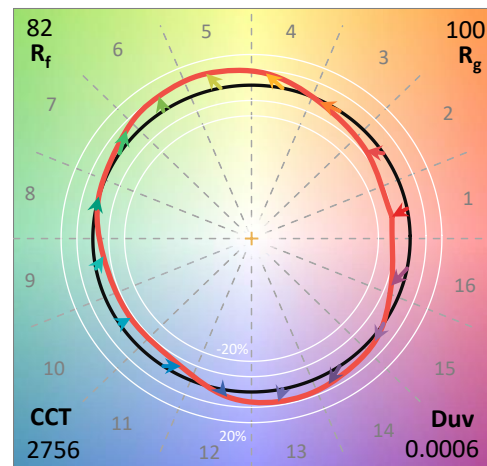
Test Information

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
 Rf: 82.2
 Rg: 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

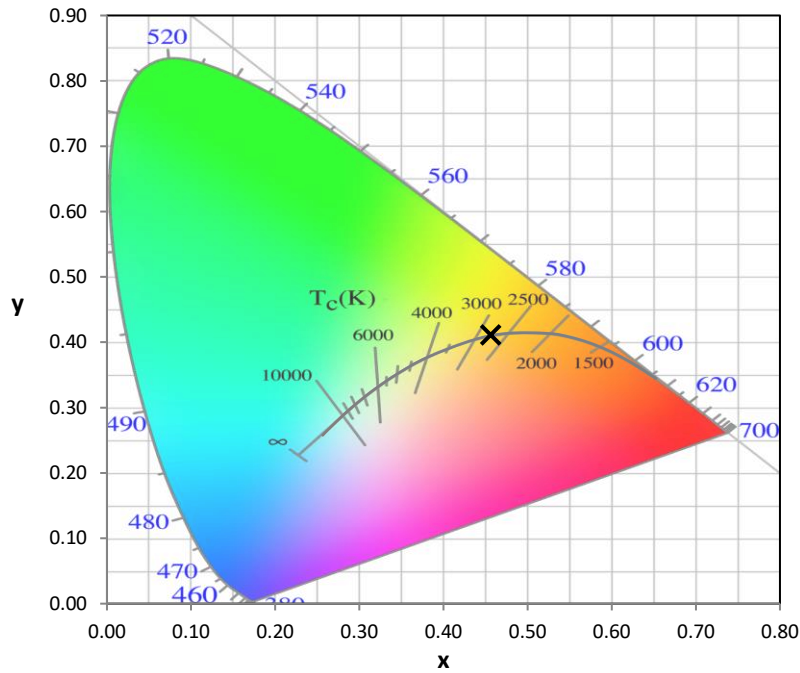
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-8

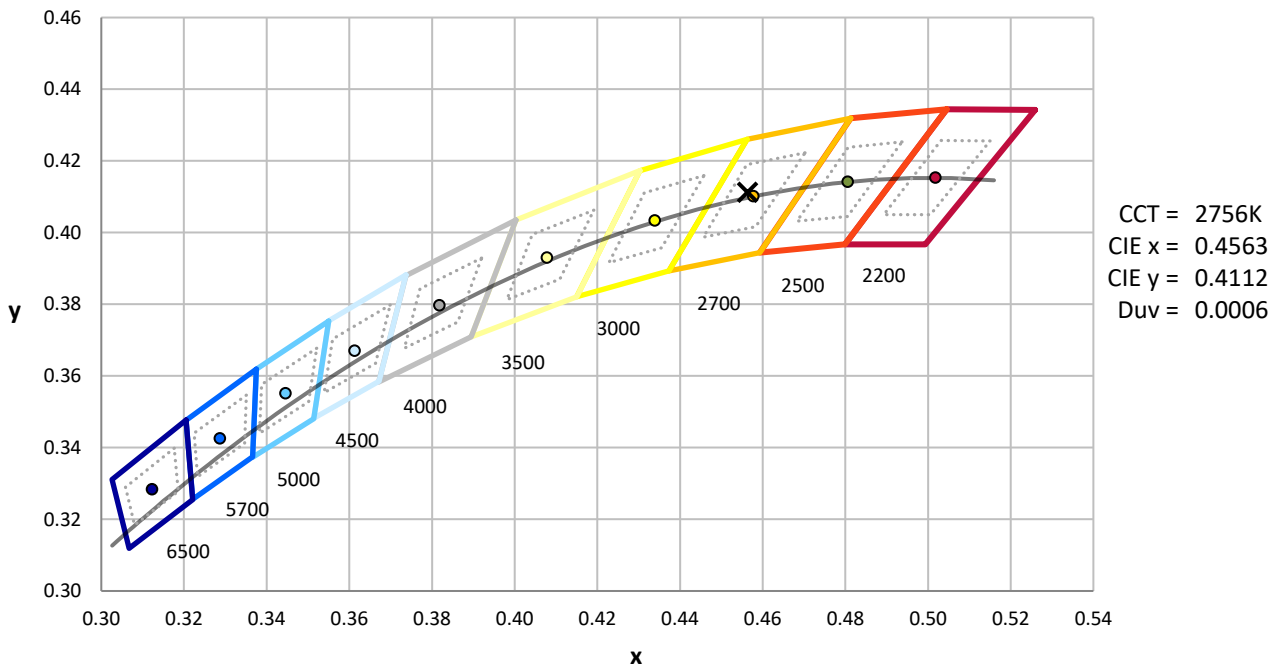
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-8

CIE 1931 Chromaticity Diagram

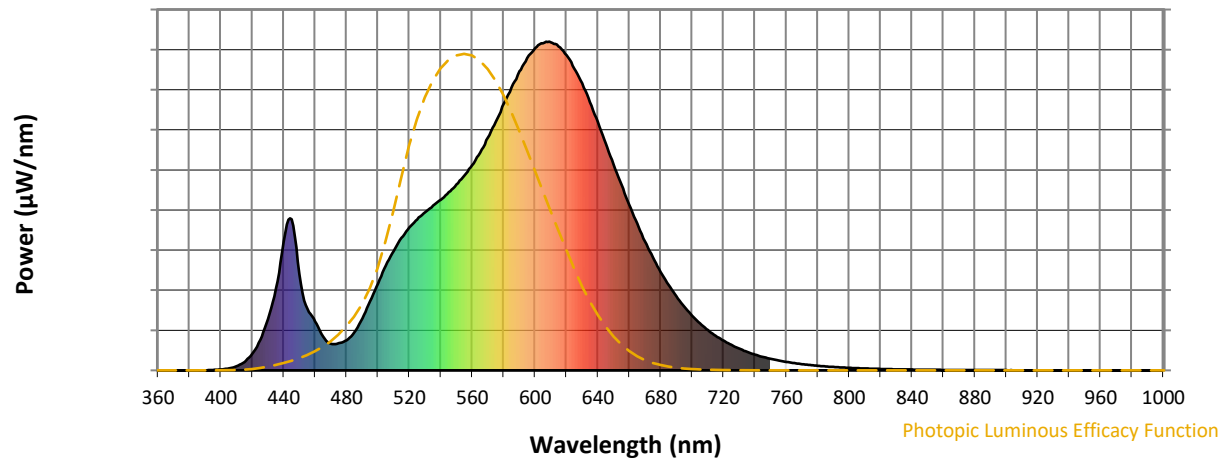


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

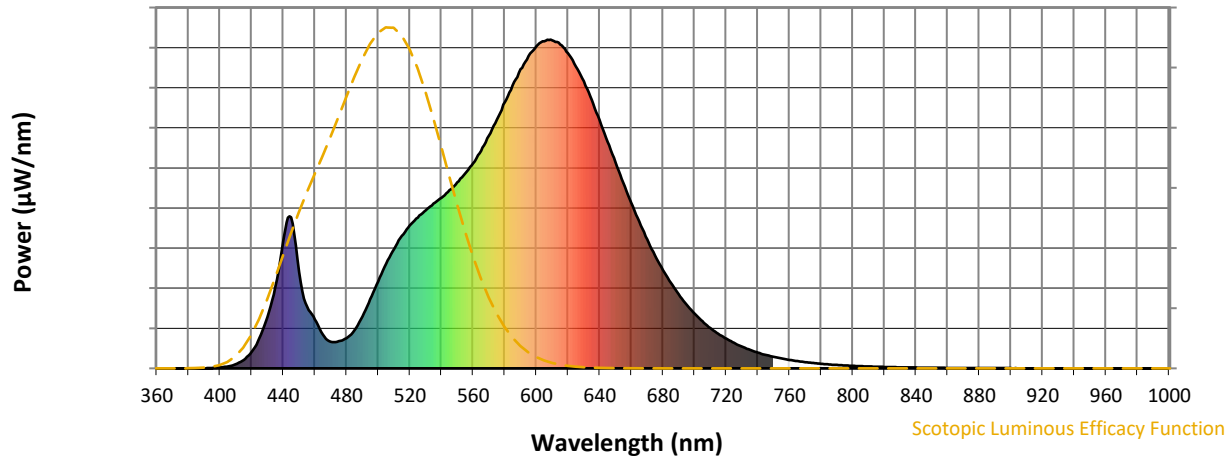


Photopic Lumens: NR

λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	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



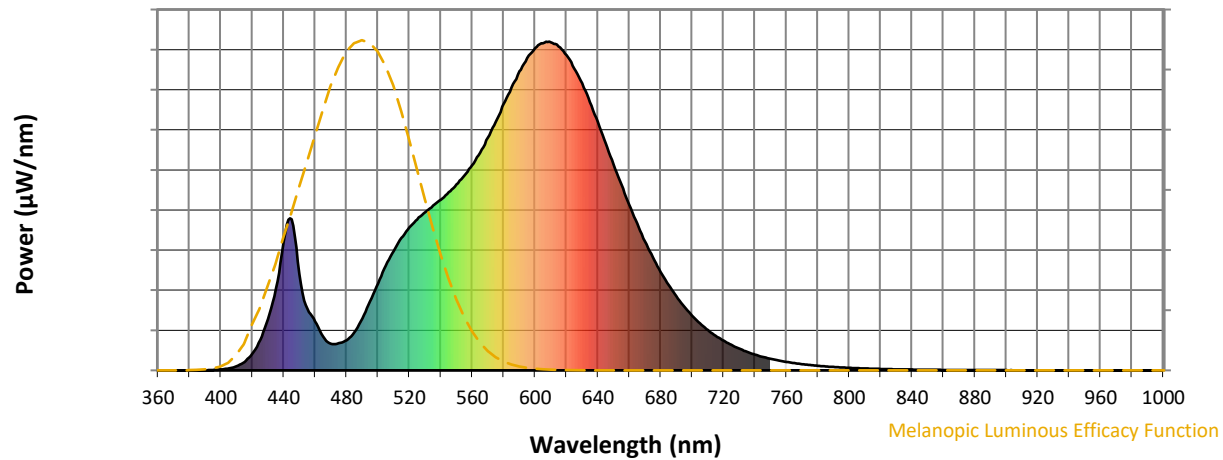
Scotopic Lumens: NR

S/P: 1.2

λ (nm)	Power W [^] /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	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			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.16

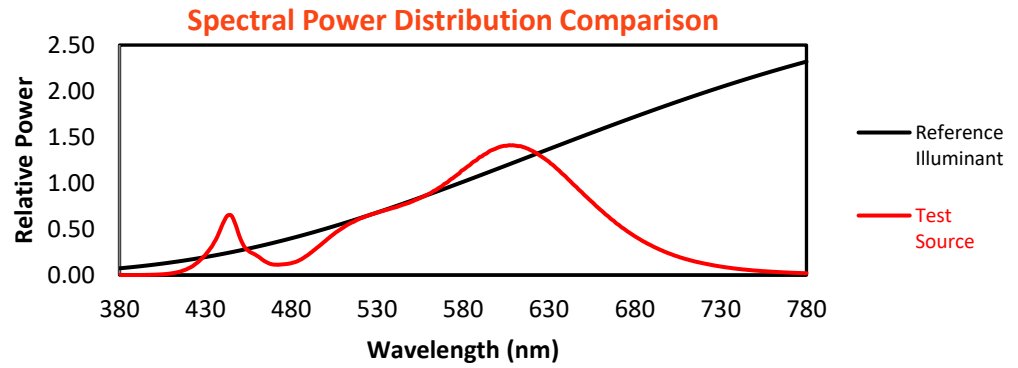
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	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

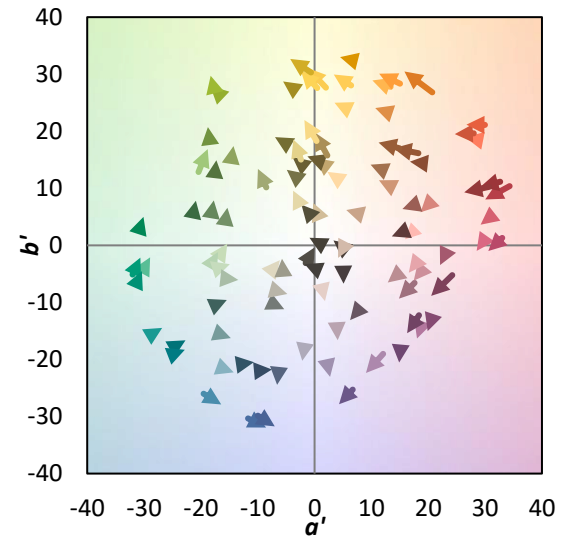
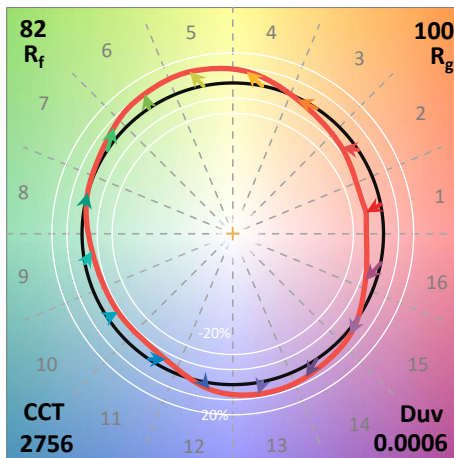
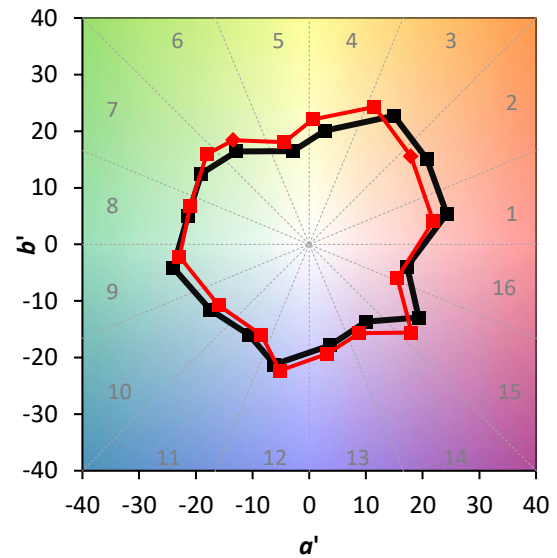
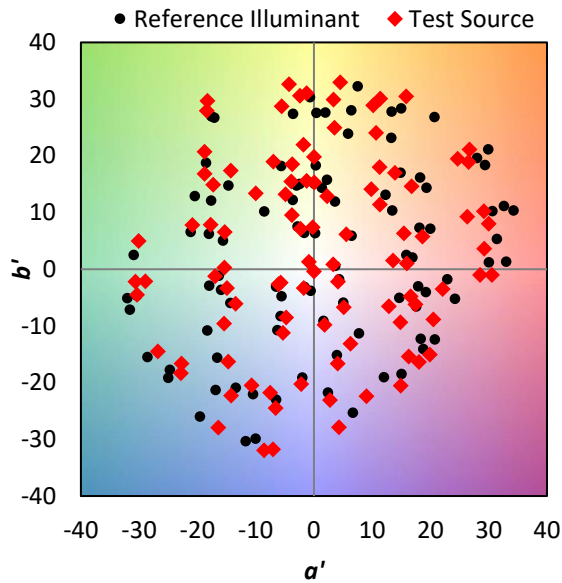
TM-30-18

Summary

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

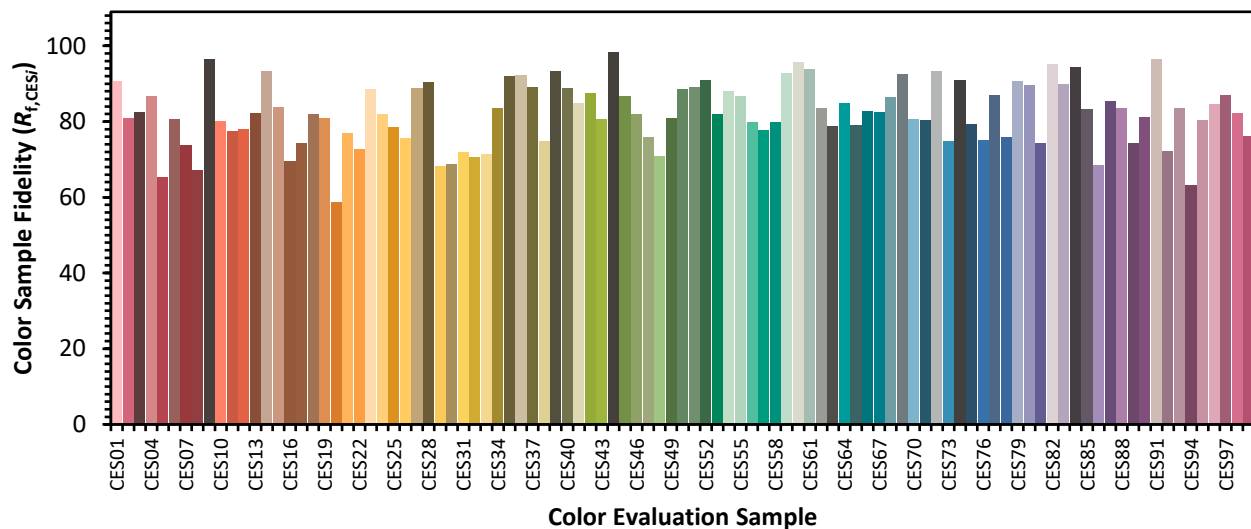


Color Vector Graphics

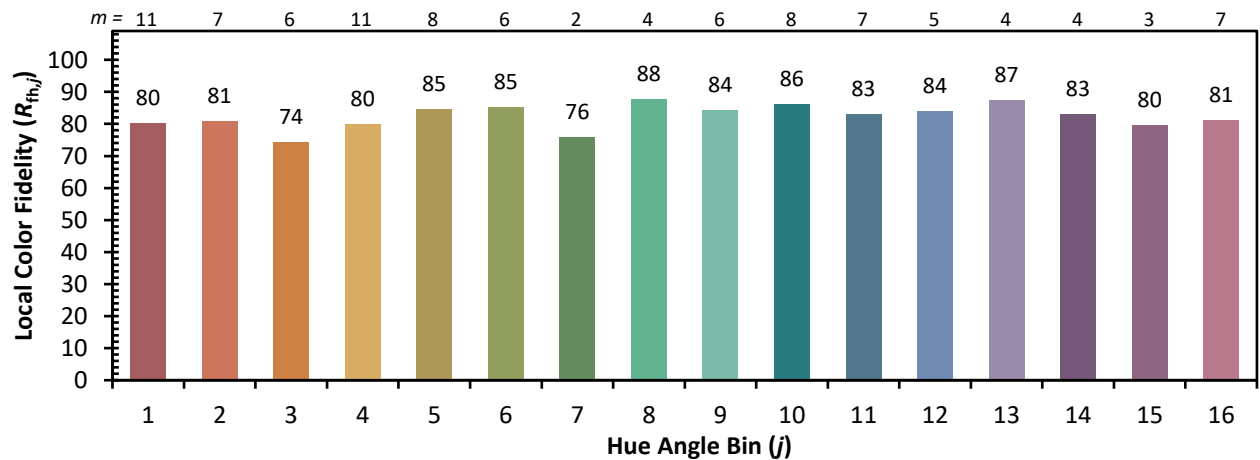
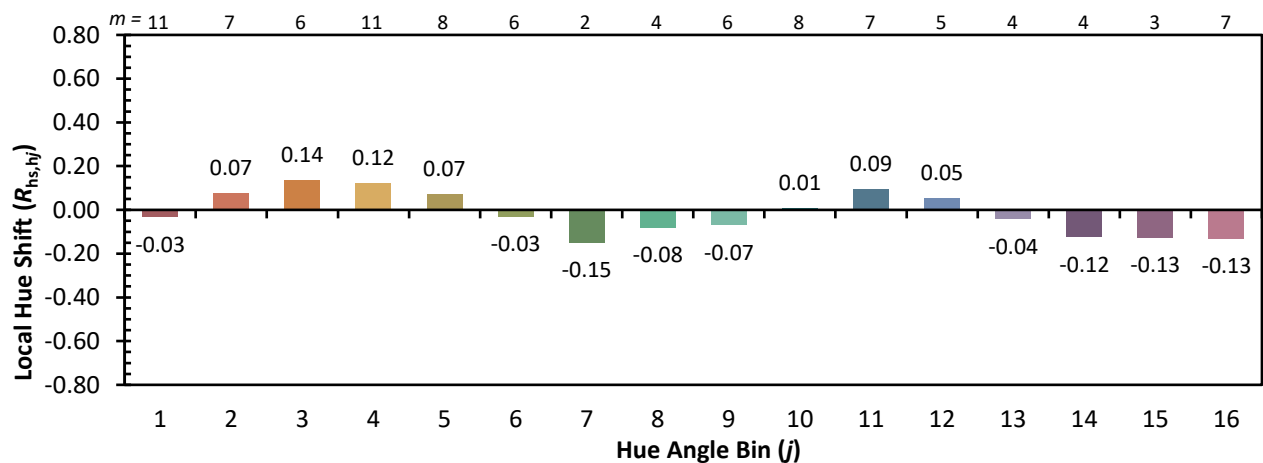
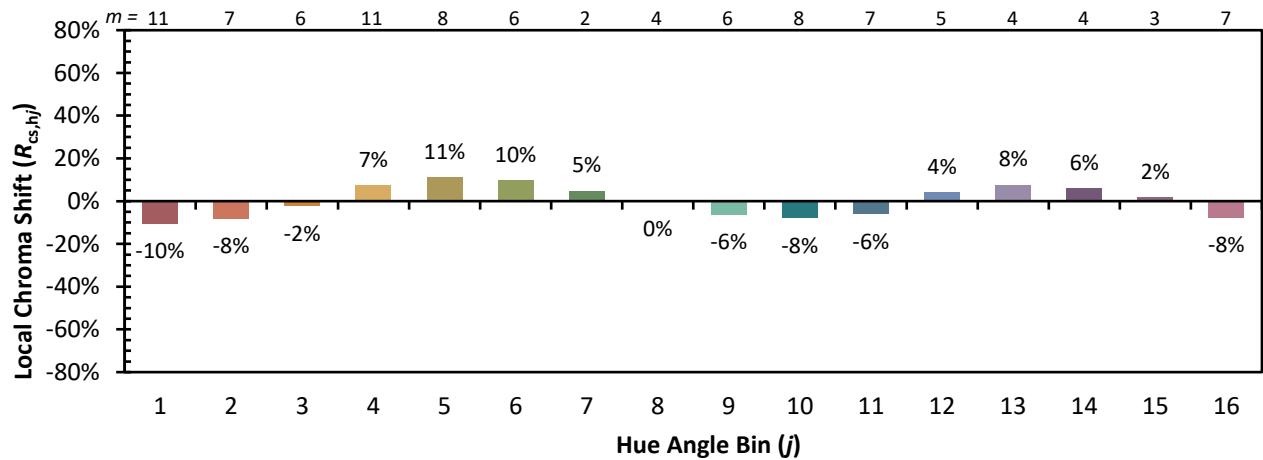


Individual Sample Fidelity Index ($R_{f,i}$)

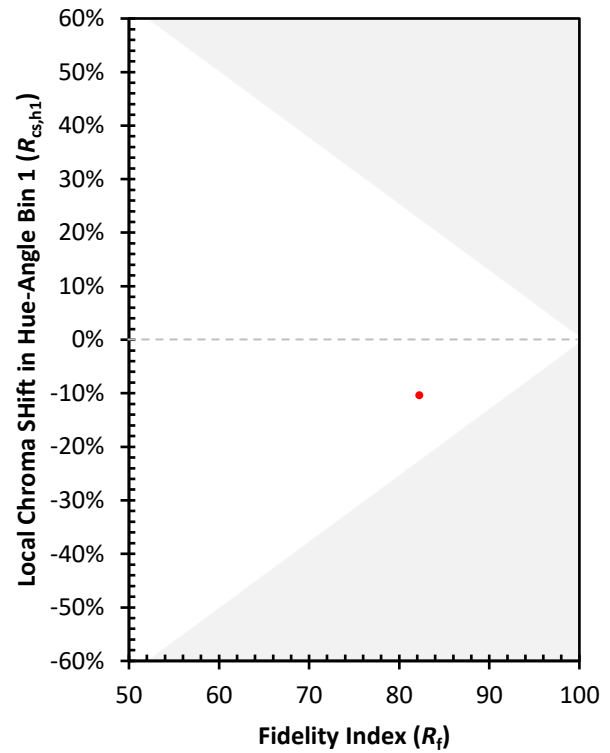
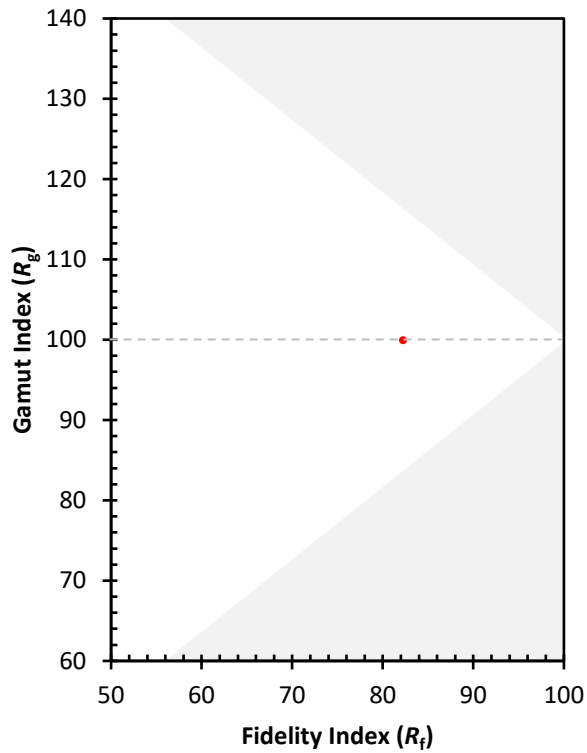
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 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)