

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: P1049103

Luminaire Tested: **GALN-SA1C-827-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049103
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1C-827-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
80CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (14) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4464 lumens
Efficiency: N/A
Efficacy: 88.9 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): 50.2
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

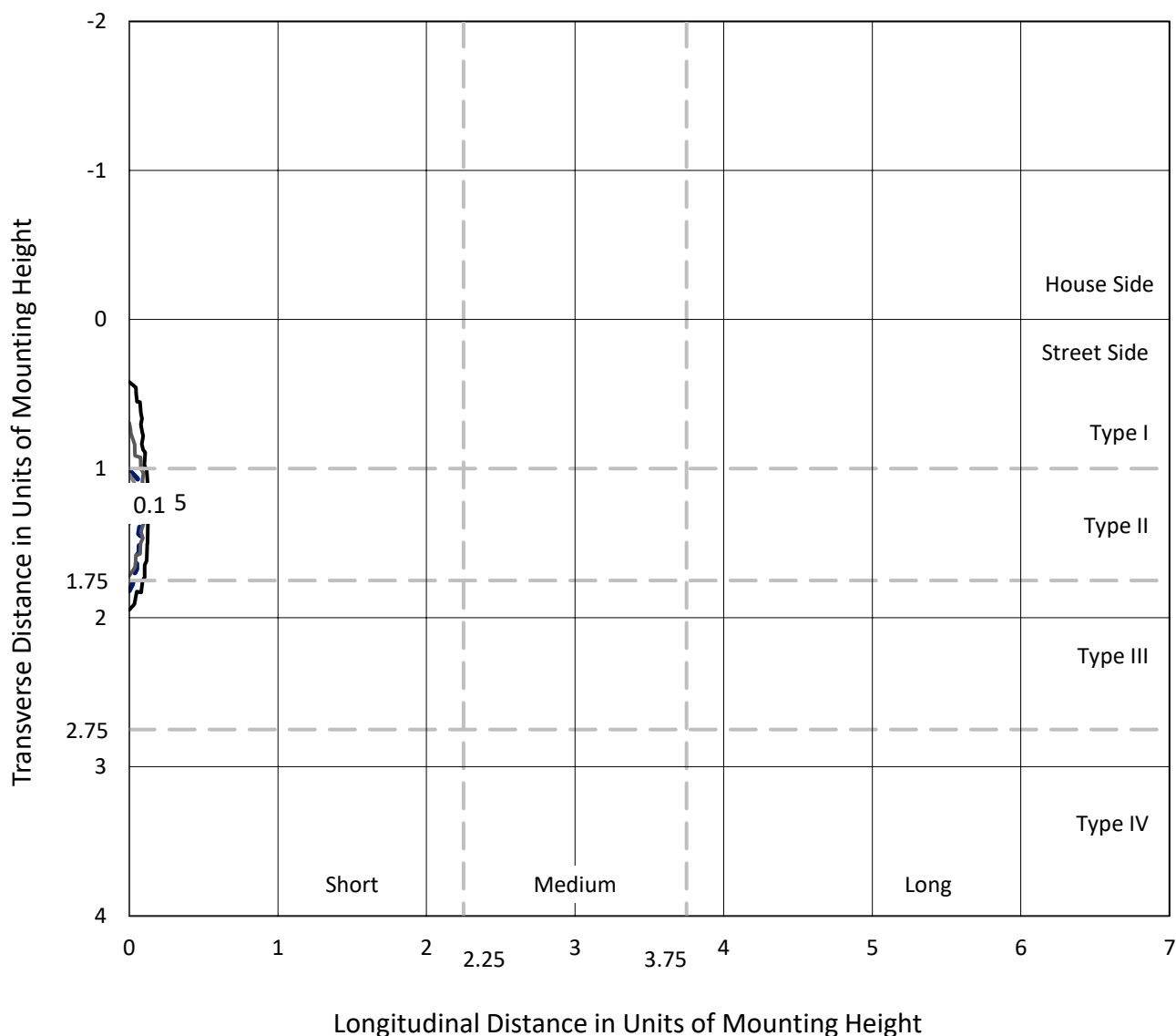
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

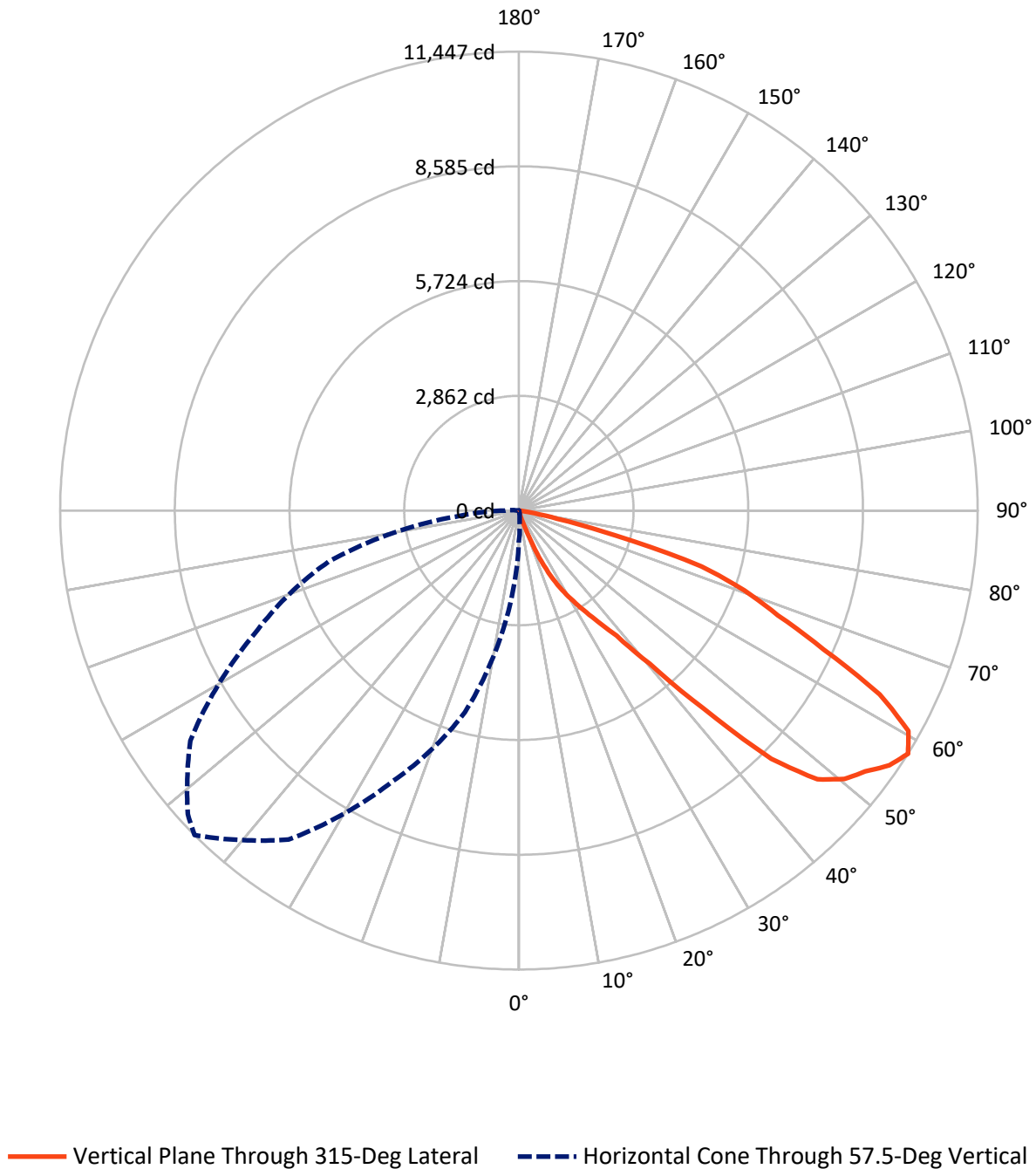


Based on 20 foot mounting height. Maximum calculated value = 0.7 fc

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	22.4	0.0	22.4
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	4441.7	0.0	4441.7
	% Fixture	99.5	0.0	99.5
Total	Lumens	4464.0	0.0	4464.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.7	0.0
10°-20°	9.8	0.2
20°-30°	105.8	2.4
30°-40°	312.8	7.0
40°-50°	932.4	20.9
50°-60°	1478.4	33.1
60°-70°	1234.1	27.6
70°-80°	380.5	8.5
80°-90°	8.5	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°	4464.0	100.0
0°-180°	4464.0	100.0



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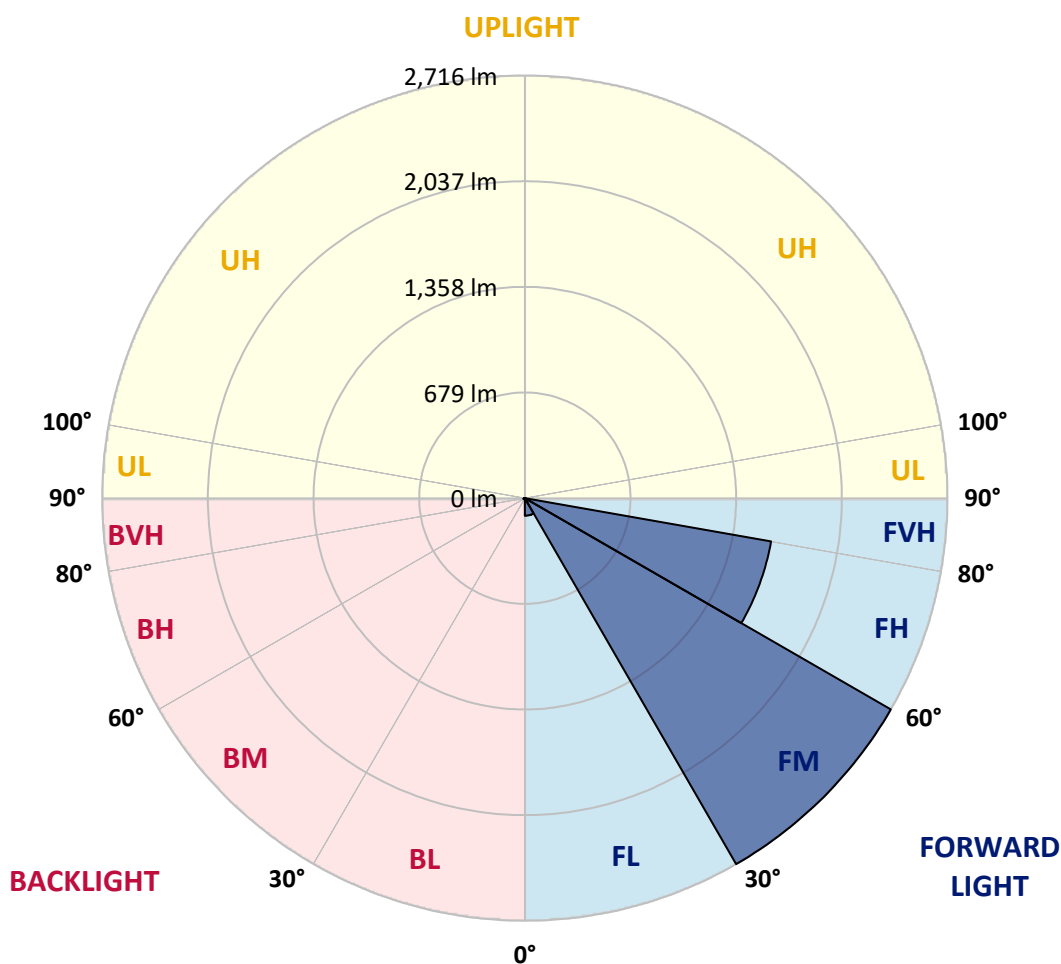
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	113.2	2.5			
FM	(30°-60°)	2715.6	60.8			
FH	(60°-80°)	1606.3	36.0			G1/1800
FVH	(80°-90°)	6.5	0.1			G0/10
BL	(0°-30°)	4.1	0.1	B0/110		
BM	(30°-60°)	8.0	0.2	B0/220		
BH	(60°-80°)	8.3	0.2	B0/110		G0/110
BVH	(80°-90°)	1.9	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°	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
2.5°	17.9	17.9	17.9	17.9	17.5	17.5	17.2	17.2	16.9	16.9
5°	18.9	18.9	18.6	18.2	18.2	17.9	17.5	17.2	17.2	16.9
7.5°	20.6	20.2	19.9	19.6	18.9	18.6	17.9	17.5	17.2	16.5
10°	22.6	21.9	21.3	20.6	19.9	19.2	18.6	18.2	17.5	17.2
12.5°	25.3	24.3	22.9	21.9	21.3	20.2	19.6	18.9	17.9	17.2
15°	27.7	26.3	24.6	23.3	22.3	20.9	19.9	18.9	18.2	17.2
17.5°	31.0	28.7	26.0	24.3	22.9	21.3	19.6	18.6	17.5	16.2
20°	36.8	32.0	27.0	25.0	22.9	20.9	18.9	17.5	16.5	15.2
22.5°	45.9	37.8	29.7	26.7	24.0	20.9	18.2	16.9	15.5	14.2
25°	63.4	48.9	34.4	30.4	26.3	22.3	18.2	16.5	15.2	13.5
27.5°	84.3	62.7	40.8	35.1	29.7	24.0	18.2	16.2	14.5	12.5
30°	105.6	76.9	47.9	40.5	33.1	25.6	18.2	15.9	13.8	11.5
32.5°	125.8	90.1	54.0	45.2	36.4	27.3	18.6	15.9	13.2	10.5
35°	146.4	100.9	55.0	45.9	36.8	27.3	18.2	15.2	12.5	9.4
37.5°	172.7	113.0	53.0	43.9	35.1	26.0	17.2	14.5	11.8	8.8
40°	212.5	133.3	54.0	44.5	35.1	25.6	16.2	13.5	11.1	8.4
42.5°	286.1	172.4	58.4	47.6	36.8	25.6	14.8	12.5	10.5	8.1
45°	494.5	286.4	78.3	62.1	45.9	29.7	13.5	11.5	9.8	7.8
47.5°	818.1	479.4	140.7	108.6	76.9	44.9	13.2	11.5	9.8	7.8
50°	1044.1	610.6	177.1	136.3	95.5	54.6	13.8	11.8	10.1	8.1
52.5°	1042.4	620.0	197.3	151.5	105.9	60.0	14.5	12.5	10.8	8.8
55°	926.7	564.0	201.1	154.5	108.3	61.7	15.5	13.5	11.5	9.4
57.5°	774.5	479.0	183.5	142.0	100.9	59.4	17.9	15.5	13.5	11.1
60°	612.6	377.8	143.0	113.0	83.3	53.3	23.6	20.6	17.9	14.8
62.5°	423.0	273.9	124.8	100.2	75.9	51.3	27.0	24.0	21.3	18.2
65°	299.2	206.1	112.7	91.8	71.2	50.3	29.3	26.0	22.9	19.6
67.5°	223.7	163.9	103.9	86.0	68.1	50.3	32.4	28.3	24.6	20.6
70°	171.4	134.6	97.5	83.0	68.8	54.3	39.8	34.1	28.7	22.9
72.5°	139.7	115.0	90.1	79.6	69.2	58.7	48.2	40.8	33.4	25.6
75°	115.7	98.5	81.3	72.5	64.1	55.3	46.6	39.8	33.4	26.7
77.5°	76.9	70.2	63.1	58.0	53.0	47.6	42.5	36.8	31.4	25.6
80°	27.0	26.0	25.0	27.0	29.0	31.0	33.1	29.0	25.3	21.3
82.5°	4.0	3.7	3.4	3.7	4.0	4.4	4.7	5.1	5.4	5.7
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°	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
0.0	2.5°	16.5	16.5	16.2	16.2	16.2	15.9	15.9	15.5	15.5	15.5
0.0	5°	16.2	16.2	15.9	15.5	15.2	15.2	14.8	14.5	14.5	14.2
0.0	7.5°	15.9	15.5	15.2	14.8	14.5	14.2	13.8	13.5	13.5	13.2
0.0	10°	16.2	15.5	15.2	14.5	14.2	13.8	13.2	12.8	12.5	12.5
0.0	12.5°	15.5	15.2	14.5	13.8	13.5	12.8	12.5	11.8	11.5	11.5
0.0	15°	15.5	14.8	13.8	13.2	12.5	12.1	11.5	10.8	10.5	10.1
0.0	17.5°	14.5	13.8	12.8	12.1	11.5	10.8	10.1	9.4	9.1	8.8
0.0	20°	13.2	12.5	11.5	10.5	9.8	9.1	8.4	7.8	7.4	7.1
0.0	22.5°	11.8	11.1	10.1	9.1	8.4	7.8	6.7	6.1	5.7	5.1
0.0	25°	11.1	10.1	9.1	8.1	7.1	6.4	5.4	4.4	3.7	3.0
0.0	27.5°	9.4	8.4	7.4	6.4	5.4	4.4	3.4	2.4	1.7	1.3
0.0	30°	8.1	7.1	6.1	5.1	3.7	2.7	1.7	0.3	0.3	0.3
0.0	32.5°	6.7	5.7	4.4	3.4	2.7	1.7	1.0	0.0	0.0	0.0
0.0	35°	5.4	4.4	3.0	2.0	1.7	1.0	0.7	0.0	0.0	0.0
0.0	37.5°	4.7	3.7	2.4	1.0	0.7	0.7	0.3	0.0	0.0	0.0
0.0	40°	4.4	3.0	1.7	0.3	0.3	0.3	0.0	0.0	0.0	0.0
0.0	42.5°	4.4	3.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	4.4	3.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	4.4	3.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	4.7	3.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	5.4	4.0	2.7	1.3	1.0	0.7	0.3	0.0	0.0	0.0
0.0	55°	6.7	6.1	5.1	4.4	3.4	2.4	1.0	0.0	0.0	0.0
0.0	57.5°	8.8	8.8	8.4	8.1	6.1	4.0	2.0	0.0	0.0	0.0
0.0	60°	11.8	11.8	11.8	11.8	8.8	6.1	3.0	0.0	0.0	0.0
0.0	62.5°	14.5	13.8	12.8	12.1	9.1	6.1	3.0	0.0	0.0	0.0
0.0	65°	14.5	13.2	11.5	9.8	7.4	5.1	2.4	0.0	0.0	0.0
0.0	67.5°	13.5	10.8	7.8	5.1	3.7	2.7	1.3	0.0	0.0	0.0
	70°	13.5	9.4	5.4	1.3	1.0	0.7	0.3	0.0	0.0	0.0
	72.5°	13.5	9.1	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	14.8	10.1	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	14.8	10.1	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	13.2	8.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	4.4	3.0	1.3	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°	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
0.0	2.5°	15.2	15.2	15.2	14.8	14.8	14.8	14.8	14.5	14.5	14.5
0.0	5°	13.8	13.8	13.5	13.5	13.2	13.2	12.8	12.8	12.5	12.5
0.0	7.5°	12.8	12.5	12.5	12.1	11.8	11.8	11.5	11.5	11.1	10.8
0.0	10°	11.8	11.5	11.5	11.1	10.8	10.5	10.5	10.1	9.8	9.4
0.0	12.5°	10.8	10.5	10.1	9.8	9.4	9.1	9.1	8.8	8.4	8.1
0.0	15°	9.4	9.1	8.8	8.4	8.1	7.8	7.8	7.4	7.1	6.7
0.0	17.5°	8.1	7.8	7.8	7.4	7.1	6.7	6.4	5.7	5.4	5.1
0.0	20°	6.1	5.7	5.4	5.1	4.7	4.0	3.7	3.0	2.4	2.0
0.0	22.5°	4.0	3.4	3.0	2.4	1.7	1.3	1.0	0.3	0.0	0.0
0.0	25°	1.3	1.0	0.7	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: P1049103

CATALOG NUMBER: GALN-SA1C-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049103

CATALOG NUMBER: GALN-SA1C-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°	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
0.0	2.5°	14.2	14.2	14.2	13.8	13.8	13.8	13.8	13.8	13.8	13.8
0.0	5°	12.1	12.1	12.1	11.8	11.8	11.5	11.5	11.5	11.1	11.1
0.0	7.5°	10.5	10.1	10.1	9.8	9.8	9.4	9.4	9.4	9.1	9.1
0.0	10°	8.8	8.4	8.4	8.1	8.1	7.8	7.8	7.4	7.4	7.1
0.0	12.5°	7.8	7.4	7.1	6.7	6.7	6.4	6.1	6.1	5.7	5.4
0.0	15°	6.1	5.7	5.4	5.1	4.7	4.4	4.0	4.0	3.7	3.4
0.0	17.5°	4.0	3.4	3.0	2.7	2.7	2.4	2.0	1.7	1.3	1.0
0.0	20°	1.0	0.7	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
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049103

CATALOG NUMBER: GALN-SA1C-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°	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
0.0	2.5°	13.8	13.5	13.5	13.5	13.8	13.8	13.8	13.8	13.8	13.8
0.0	5°	11.1	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
0.0	7.5°	9.1	8.8	8.8	8.8	8.8	8.4	8.4	8.4	8.4	8.4
0.0	10°	7.1	6.7	6.7	6.7	6.7	6.4	6.4	6.4	6.4	6.4
0.0	12.5°	5.1	5.1	4.7	4.7	4.7	4.4	4.4	4.4	4.4	4.0
0.0	15°	3.0	2.7	2.4	2.4	2.4	2.0	2.0	2.0	2.0	1.7
0.0	17.5°	0.7	0.7	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
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049103

CATALOG NUMBER: GALN-SA1C-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°	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
0.0	2.5°	14.2	14.2	14.5	14.5	14.8	15.5	15.9	16.2	16.9	17.5
0.0	5°	11.1	11.5	11.5	11.8	12.1	12.5	12.8	13.2	13.8	14.5
0.0	7.5°	8.8	8.8	9.1	9.1	9.4	10.1	10.5	10.8	11.5	12.5
0.0	10°	6.7	6.7	7.1	7.1	7.4	8.1	8.4	8.8	9.4	10.5
0.0	12.5°	4.4	4.7	4.7	5.1	5.4	6.1	6.4	6.7	7.4	8.1
0.0	15°	2.0	2.4	2.4	2.7	3.0	3.7	4.0	4.4	5.1	6.1
0.0	17.5°	0.3	0.3	0.7	0.7	1.0	1.3	1.7	2.0	3.0	3.7
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.3
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
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CATALOG NUMBER: GALN-SA1C-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°	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
0.0	2.5°	18.6	19.2	19.9	20.6	21.3	21.9	22.3	22.9	23.3	23.6
0.0	5°	15.9	16.5	17.5	18.2	18.9	19.6	20.2	20.6	20.9	21.3
0.0	7.5°	13.8	14.5	15.5	16.2	16.9	17.5	18.2	18.9	19.2	19.6
0.0	10°	11.8	12.8	13.5	14.5	15.2	15.9	16.5	17.2	17.9	18.2
0.0	12.5°	9.4	10.5	11.5	12.1	13.2	14.2	14.8	15.5	16.2	16.9
0.0	15°	7.4	8.4	9.4	10.1	11.1	12.1	13.2	13.8	14.5	15.2
0.0	17.5°	5.4	6.4	7.4	8.1	9.1	10.1	10.8	11.8	12.5	13.2
0.0	20°	2.7	3.7	4.7	5.7	6.7	7.8	8.4	9.4	10.1	10.8
0.0	22.5°	0.3	1.3	2.4	3.0	4.0	5.1	5.7	6.7	7.4	8.1
0.0	25°	0.0	0.3	1.0	1.3	1.7	2.4	3.0	3.7	4.4	5.1
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.7	1.3	2.0	2.7
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
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	0.3
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.7
	85°	0.0	0.0	0.0	0.0	0.0	0.7	1.0	1.7	2.0	2.4
	87.5°	0.0	0.3	0.7	1.0	1.3	2.0	2.7	3.4	3.7	4.0
	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: P1049103

CATALOG NUMBER: GALN-SA1C-827-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
19.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	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											
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REPORT NUMBER: P1049103

CATALOG NUMBER: GALN-SA1C-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°	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
0.0	2.5°	24.0	24.0	24.0	24.0	23.6	23.6	23.6	23.3	23.3	22.9
0.0	5°	21.9	22.3	22.3	22.3	22.3	22.3	22.3	22.3	21.9	21.9
0.0	7.5°	20.2	20.6	20.9	20.9	21.3	21.3	21.3	20.9	20.9	20.6
0.0	10°	19.2	19.6	19.6	19.9	19.9	19.9	19.9	19.9	19.9	19.9
0.0	12.5°	17.9	18.2	18.6	18.6	18.9	18.9	18.9	18.9	18.6	18.6
0.0	15°	16.2	16.9	17.2	17.5	17.5	17.9	17.9	17.9	17.9	17.9
0.0	17.5°	14.8	15.5	15.9	16.2	16.2	16.5	16.5	16.9	16.9	16.9
0.0	20°	12.1	12.8	13.2	13.8	14.2	14.5	14.8	15.2	15.2	15.5
0.0	22.5°	9.4	10.1	10.5	11.1	11.5	11.8	12.1	12.5	12.8	13.2
0.0	25°	6.7	7.4	7.8	8.4	8.8	9.1	9.4	9.8	9.8	10.1
0.0	27.5°	3.7	4.4	5.1	5.4	6.1	6.4	6.7	7.1	7.4	7.8
0.0	30°	1.7	2.0	2.4	3.0	3.4	3.7	4.0	4.7	5.1	5.4
0.0	32.5°	0.0	0.0	0.3	1.0	1.3	1.7	2.0	2.4	2.4	2.7
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	1.0	1.3
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°	0.7	0.7	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	82.5°	1.7	2.0	2.4	2.4	2.7	2.7	2.7	2.7	2.4	2.4
	85°	3.4	3.7	4.0	4.0	4.4	4.4	4.4	4.4	4.4	4.4
	87.5°	4.7	5.1	5.4	5.4	5.7	5.7	5.7	5.7	5.7	5.7
	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: P1049103

CATALOG NUMBER: GALN-SA1C-827-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
19.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	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											
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REPORT NUMBER: P1049103

CATALOG NUMBER: GALN-SA1C-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°	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
0.0	2.5°	22.6	22.6	22.3	22.3	22.3	22.3	22.3	22.6	22.9	22.9
0.0	5°	21.6	21.6	21.3	21.3	21.3	21.6	21.6	21.9	22.3	22.6
0.0	7.5°	20.6	20.2	20.2	20.6	20.6	20.9	20.9	21.3	21.6	21.9
0.0	10°	19.9	19.6	19.6	19.6	19.9	19.9	20.2	20.6	20.9	21.3
0.0	12.5°	18.6	18.6	18.6	18.6	18.9	18.9	19.2	19.6	20.2	20.6
0.0	15°	17.9	17.5	17.5	17.5	17.5	17.9	17.9	18.6	19.2	19.6
0.0	17.5°	16.5	16.5	16.2	16.2	16.5	16.5	16.9	17.5	18.2	18.6
0.0	20°	15.2	14.8	14.5	14.5	14.8	14.8	15.2	15.9	16.5	16.9
0.0	22.5°	13.2	12.8	12.8	12.8	12.8	13.2	13.2	13.8	14.8	15.5
0.0	25°	10.5	10.8	10.8	11.1	11.1	11.5	11.8	12.5	13.5	14.2
0.0	27.5°	8.1	8.4	8.4	9.1	9.4	9.8	10.1	11.1	12.1	12.8
0.0	30°	6.1	6.4	6.7	7.1	7.8	8.4	9.1	10.1	11.1	11.8
0.0	32.5°	3.7	4.4	4.7	5.4	6.1	6.7	7.4	8.4	9.8	10.8
0.0	35°	2.7	3.0	3.7	4.0	4.7	5.4	6.1	7.4	8.4	9.8
0.0	37.5°	1.3	2.0	2.7	3.4	4.0	4.7	5.4	6.7	8.1	9.1
0.0	40°	1.0	1.7	2.0	2.7	3.7	4.4	5.1	6.4	7.8	9.1
0.0	42.5°	0.7	1.0	1.3	2.4	3.0	4.0	5.1	6.4	7.8	9.1
0.0	45°	0.7	0.7	1.0	2.0	3.0	4.4	5.4	6.7	7.8	9.1
0.0	47.5°	0.7	1.0	1.3	2.7	3.4	4.4	5.4	6.4	7.8	8.8
0.0	50°	1.0	1.3	1.7	3.0	3.7	4.7	5.4	6.7	7.8	9.1
0.0	52.5°	0.7	1.0	1.3	2.7	3.7	5.1	6.1	7.4	8.8	9.8
0.0	55°	0.3	0.3	0.3	2.0	4.0	5.7	7.8	8.8	10.1	11.1
0.0	57.5°	0.0	0.0	0.0	1.3	4.0	6.4	8.8	10.1	11.5	12.5
0.0	60°	0.0	0.0	0.0	1.3	4.0	6.4	8.8	10.5	12.1	13.8
0.0	62.5°	0.0	0.0	0.0	1.3	3.4	5.4	7.4	10.1	13.2	15.9
0.0	65°	0.0	0.0	0.0	1.0	2.7	4.4	6.1	10.1	14.2	17.9
0.0	67.5°	0.0	0.0	0.0	1.0	2.7	4.0	5.7	10.1	14.2	18.6
	70°	0.0	0.0	0.0	1.0	2.7	4.4	6.1	10.1	14.2	18.2
	72.5°	0.0	0.0	0.0	1.0	3.0	4.7	6.7	10.1	13.5	16.9
	75°	0.0	0.0	0.0	1.3	3.0	5.1	7.1	10.1	13.2	15.9
	77.5°	0.0	0.0	0.0	1.0	3.0	4.7	6.7	9.8	12.8	15.5
	80°	1.0	0.7	0.7	1.7	3.0	4.4	5.7	8.8	12.1	15.2
	82.5°	2.0	2.0	1.7	2.4	3.0	4.0	5.1	7.8	10.8	13.5
	85°	4.0	4.0	3.7	4.0	4.0	4.4	4.7	6.1	7.4	8.8
	87.5°	5.4	5.4	5.1	5.1	5.1	4.7	4.7	4.7	4.7	4.4
	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: P1049103

CATALOG NUMBER: GALN-SA1C-827-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
19.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.3											
20.2											
18.9											
18.6											
18.2											
16.2											
10.1											
4.4											
0.0											
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REPORT NUMBER: P1049103

CATALOG NUMBER: GALN-SA1C-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°	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
0.0	2.5°	23.6	24.0	24.0	24.3	24.6	25.0	25.0	25.3	25.3	25.3
0.0	5°	23.3	24.0	24.3	24.6	25.0	25.3	25.6	26.0	26.3	26.3
0.0	7.5°	22.9	23.3	24.0	24.3	25.0	25.3	26.0	26.3	26.7	27.0
0.0	10°	22.3	22.9	23.6	24.3	25.0	25.6	26.3	27.0	27.7	28.0
0.0	12.5°	21.6	22.6	23.3	24.0	25.0	26.0	26.7	27.7	28.3	29.0
0.0	15°	21.3	21.9	22.9	23.6	25.0	26.3	27.3	28.7	30.0	31.0
0.0	17.5°	20.2	21.6	22.6	23.6	25.0	26.7	28.0	29.3	31.4	33.4
0.0	20°	18.9	19.9	21.3	22.3	24.3	26.0	28.0	29.7	32.7	35.8
0.0	22.5°	17.5	18.9	19.9	21.3	23.6	25.6	28.0	30.0	35.1	39.8
0.0	25°	16.2	17.9	19.2	20.6	23.3	26.0	28.7	31.4	39.8	48.2
0.0	27.5°	15.5	16.9	18.6	19.9	23.3	27.0	30.4	33.7	47.2	60.4
0.0	30°	14.5	16.2	17.5	19.2	23.6	28.0	32.4	36.8	57.3	77.9
0.0	32.5°	13.5	15.2	16.9	18.6	24.3	30.0	35.4	41.2	68.1	94.8
0.0	35°	12.5	14.5	16.2	17.9	25.3	33.1	40.5	47.9	77.9	107.6
0.0	37.5°	12.1	14.2	15.9	17.5	25.6	33.4	41.5	49.3	78.9	108.6
0.0	40°	12.5	14.2	16.2	17.9	24.6	31.4	37.8	44.5	75.6	106.3
0.0	42.5°	12.5	14.5	16.5	18.6	24.0	29.3	34.7	40.1	74.6	109.0
0.0	45°	12.1	14.2	16.2	18.2	23.3	28.0	33.1	37.8	80.6	123.1
0.0	47.5°	11.8	13.8	15.9	17.9	22.9	28.0	33.1	38.1	104.2	170.0
0.0	50°	11.8	13.8	15.5	17.2	23.3	29.7	35.8	41.8	151.8	261.4
0.0	52.5°	12.5	14.2	15.5	16.9	24.0	31.4	38.5	45.5	193.0	340.0
0.0	55°	13.5	14.5	15.9	16.9	25.6	34.1	42.8	51.3	205.4	359.6
0.0	57.5°	14.8	15.9	16.9	17.9	28.7	39.5	49.9	60.7	206.5	351.8
0.0	60°	16.5	17.9	18.9	19.9	31.4	43.2	54.6	66.1	186.9	307.3
0.0	62.5°	20.2	21.9	23.3	25.0	36.1	46.9	58.0	68.8	155.2	241.5
0.0	65°	23.3	24.6	26.0	27.3	38.1	49.3	60.0	70.8	131.6	192.3
0.0	67.5°	24.0	25.3	26.3	27.7	38.8	49.9	60.7	71.9	112.7	153.2
	70°	24.3	26.0	28.0	29.7	41.2	52.6	63.8	75.2	99.9	124.5
	72.5°	23.3	26.7	29.7	32.7	43.5	54.0	64.8	75.2	92.8	110.3
	75°	23.3	28.0	32.4	36.8	44.9	52.6	60.7	68.5	82.0	95.5
	77.5°	24.6	30.7	36.8	42.8	47.6	52.0	56.7	61.1	69.8	78.6
	80°	24.6	31.0	37.1	43.5	45.5	47.9	49.9	52.0	53.0	54.0
	82.5°	21.3	26.3	31.4	36.4	34.1	31.7	29.3	27.0	25.3	23.3
	85°	10.8	11.8	12.5	13.2	12.1	11.1	10.1	9.1	8.4	7.4
	87.5°	4.4	4.4	4.0	4.0	4.0	4.0	3.7	3.7	3.7	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: P1049103

CATALOG NUMBER: GALN-SA1C-827-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
19.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
191.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
209.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
226.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
327.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
499.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
764.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
962.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
984.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
888.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
759.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
593.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
448.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
331.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
234.5											
174.4											
126.8											
95.5											
53.6											
24.3											
7.1											
3.4											
0.0											
0.0											
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REPORT NUMBER: P1049103

CATALOG NUMBER: GALN-SA1C-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°	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
0.0	2.5°	25.3	25.0	25.0	24.6	24.3	24.0	23.6	23.3	22.9	22.6
0.0	5°	26.3	26.3	26.3	26.0	26.0	25.6	25.6	25.3	25.0	24.6
0.0	7.5°	27.3	27.7	27.7	28.0	28.0	28.0	28.0	27.7	27.7	27.7
0.0	10°	29.0	29.3	29.7	30.0	30.4	30.7	30.7	31.0	31.0	31.0
0.0	12.5°	31.0	32.0	32.7	33.7	34.4	35.4	36.1	37.1	37.8	38.5
0.0	15°	34.1	35.8	37.8	39.5	41.2	43.5	46.2	48.6	50.9	54.6
0.0	17.5°	38.5	43.9	49.3	54.3	59.7	71.5	83.3	94.8	106.6	123.8
0.0	20°	46.9	63.1	78.9	95.1	111.0	152.5	193.6	235.1	276.3	320.5
0.0	22.5°	65.8	105.6	145.4	185.2	225.0	311.7	398.1	484.8	571.1	672.7
0.0	25°	95.5	168.7	241.9	314.7	387.9	523.6	659.5	795.1	930.7	1062.6
0.0	27.5°	139.0	251.0	363.0	474.6	586.6	770.5	954.7	1138.5	1322.4	1471.5
0.0	30°	192.6	344.4	496.2	648.0	799.8	1009.0	1218.1	1427.0	1636.1	1799.0
0.0	32.5°	243.2	429.1	615.0	800.5	986.4	1224.6	1463.1	1701.2	1939.4	2117.5
0.0	35°	276.3	501.0	726.0	950.6	1175.3	1433.0	1690.8	1948.2	2205.9	2409.3
0.0	37.5°	309.3	568.8	827.8	1087.3	1346.3	1629.4	1912.4	2195.4	2478.5	2729.8
0.0	40°	346.5	650.7	954.7	1259.0	1562.9	1898.2	2233.2	2568.5	2903.5	3258.1
0.0	42.5°	410.9	786.7	1162.8	1538.6	1914.4	2358.0	2801.6	3244.9	3688.5	4194.5
0.0	45°	532.0	1061.6	1591.6	2121.2	2650.8	3238.5	3826.5	4414.1	5001.8	5675.1
0.0	47.5°	828.5	1557.2	2285.5	3014.2	3742.5	4377.0	5011.2	5645.8	6280.0	6950.6
0.0	50°	1267.7	2115.8	2963.9	3811.6	4659.7	5233.9	5807.7	6381.8	6955.7	7593.6
0.0	52.5°	1585.5	2469.0	3352.8	4236.3	5119.8	5638.0	6156.5	6674.7	7192.8	7788.9
0.0	55°	1609.5	2487.9	3366.7	4245.1	5123.6	5644.1	6164.6	6685.1	7205.6	7837.5
0.0	57.5°	1424.9	2296.3	3167.3	4038.7	4909.7	5502.4	6094.8	6687.5	7279.8	7963.0
0.0	60°	1212.1	2083.8	2955.1	3826.8	4698.2	5380.9	6064.1	6746.8	7429.6	8069.6
0.0	62.5°	945.6	1842.2	2739.2	3635.9	4532.5	5225.8	5919.0	6611.9	7305.1	7785.2
0.0	65°	704.7	1575.4	2446.1	3316.4	4187.1	4742.4	5297.6	5852.6	6407.8	6705.0
0.0	67.5°	509.4	1260.3	2010.9	2761.8	3512.4	3909.8	4307.2	4704.2	5101.6	5329.0
	70°	344.4	864.6	1384.5	1904.6	2424.5	2751.0	3077.9	3404.5	3731.0	4038.0
	72.5°	238.5	530.6	823.1	1115.3	1407.4	1736.0	2064.2	2392.8	2721.0	3045.9
	75°	158.2	291.1	424.4	557.3	690.2	933.4	1177.0	1420.2	1663.4	1857.1
	77.5°	112.3	152.1	192.3	232.1	271.9	317.4	363.3	408.9	454.4	523.6
	80°	53.3	58.4	63.4	68.1	73.2	89.7	106.3	122.8	139.3	156.9
	82.5°	25.3	27.3	29.3	31.0	33.1	34.7	36.4	38.1	39.8	38.1
	85°	6.7	6.7	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.7
	87.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.7	2.7	2.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
19.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
365.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
774.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1194.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1620.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2296.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2612.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2981.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3612.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4700.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6348.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7621.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8231.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8385.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8469.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8646.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8709.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8265.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7002.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5556.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4344.6											
3370.7											
2050.7											
592.7											
174.4											
36.1											
6.4											
2.4											
0.0											
0.0											
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°	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
0.0	2.5°	21.9	21.6	21.3	20.9	20.6	19.9	19.9	19.6	19.6
0.0	5°	24.0	23.6	23.3	22.9	22.9	22.6	22.3	22.3	21.9
0.0	7.5°	27.3	27.0	26.7	26.3	26.3	26.0	26.0	25.6	25.6
0.0	10°	31.4	31.4	31.4	31.4	31.4	31.0	31.0	31.0	30.7
0.0	12.5°	39.5	39.8	40.5	41.2	42.2	42.2	42.2	41.8	41.8
0.0	15°	62.4	66.1	68.8	71.5	73.9	79.3	78.6	77.6	76.9
0.0	17.5°	157.9	174.7	183.9	192.6	201.7	226.7	222.6	218.6	214.9
0.0	20°	409.2	453.4	482.7	512.1	541.8	588.7	577.2	565.7	554.3
0.0	22.5°	875.4	976.9	1021.1	1065.3	1109.2	1165.9	1129.1	1092.3	1055.9
0.0	25°	1326.1	1458.0	1532.5	1607.1	1681.3	1713.7	1665.8	1617.6	1569.7
0.0	27.5°	1769.7	1918.8	1984.6	2050.0	2115.8	2183.6	2124.2	2064.5	2005.2
0.0	30°	2125.3	2288.2	2359.4	2430.2	2501.4	2548.6	2487.2	2425.5	2364.1
0.0	32.5°	2474.1	2652.2	2730.1	2808.0	2885.6	2953.4	2877.9	2802.0	2726.4
0.0	35°	2815.8	3019.2	3126.5	3233.8	3341.0	3404.1	3314.4	3224.3	3134.6
0.0	37.5°	3232.8	3484.1	3604.2	3724.3	3844.4	3959.4	3860.5	3761.4	3662.5
0.0	40°	3967.1	4321.7	4505.9	4690.4	4874.6	5023.0	4898.2	4773.4	4648.6
0.0	42.5°	5206.5	5712.6	5977.4	6241.8	6506.7	6738.4	6607.2	6476.0	6344.7
0.0	45°	7021.8	7695.1	8018.0	8340.5	8663.3	8832.6	8643.7	8454.5	8265.6
0.0	47.5°	8291.5	8962.2	9249.6	9537.0	9824.4	10017.7	9786.6	9555.6	9324.8
0.0	50°	8869.1	9507.0	9795.4	10083.5	10371.9	10525.4	10258.6	9991.4	9724.6
0.0	52.5°	8980.7	9576.8	9920.9	10265.3	10609.4	10814.5	10499.4	10184.0	9868.9
0.0	55°	9101.5	9733.3	10132.4	10531.8	10930.9	11214.9	10858.7	10502.1	10145.9
0.0	57.5°	9328.9	10012.0	10410.0	10807.8	11205.8	11447.0	11089.8	10732.2	10375.0
0.0	60°	9349.1	9988.7	10330.8	10673.2	11015.2	11167.0	10825.3	10483.2	10141.5
0.0	62.5°	8745.6	9225.6	9463.1	9700.6	9938.1	10103.1	9746.5	9389.6	9033.0
0.0	65°	7299.8	7596.9	7786.2	7975.4	8164.7	8361.4	8034.8	7708.3	7381.7
0.0	67.5°	5784.1	6011.4	6260.7	6510.0	6759.3	6969.5	6708.1	6446.3	6184.8
	70°	4651.6	4958.3	5238.6	5518.9	5799.3	5971.3	5708.8	5446.1	5183.6
	72.5°	3695.6	4020.4	4254.6	4488.3	4722.5	4764.6	4571.7	4378.7	4186.1
	75°	2244.0	2437.6	2442.4	2446.7	2451.5	2491.6	2331.7	2171.8	2012.2
	77.5°	661.9	731.0	788.0	844.7	901.7	970.5	911.8	852.8	794.1
	80°	191.6	209.2	224.0	238.5	253.3	244.6	230.7	216.9	203.1
	82.5°	34.4	32.4	32.0	31.7	31.7	30.0	27.3	24.6	21.9
	85°	6.1	5.7	5.4	5.1	4.7	4.4	3.7	3.4	2.7
	87.5°	2.0	1.7	1.3	1.0	1.0	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: P1049103

CATALOG NUMBER: GALN-SA1C-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°	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
0.0	0.0	2.5°	19.2	18.9	18.9	18.9	18.9	18.6	18.6	18.6	18.6
0.0	0.0	5°	21.3	21.3	20.9	20.9	20.6	20.6	20.2	20.2	19.9
0.0	0.0	7.5°	25.0	24.6	24.3	24.0	23.6	22.9	22.6	22.3	22.3
0.0	0.0	10°	30.0	29.3	29.0	28.3	28.0	27.3	26.7	26.0	25.3
0.0	0.0	12.5°	39.5	38.1	37.1	35.8	34.4	33.4	32.0	31.0	29.7
0.0	0.0	15°	68.5	65.1	61.4	57.0	52.3	47.9	43.2	40.5	37.4
0.0	0.0	17.5°	175.1	157.5	139.7	125.2	110.6	96.5	82.0	71.5	61.1
0.0	0.0	20°	445.6	397.1	348.5	300.6	252.3	204.4	156.2	131.9	107.6
0.0	0.0	22.5°	838.6	748.6	658.2	570.8	483.1	395.7	308.3	253.3	198.7
0.0	0.0	25°	1294.4	1181.0	1067.7	924.0	779.9	636.2	492.5	403.1	313.7
0.0	0.0	27.5°	1684.4	1553.8	1423.2	1248.5	1073.8	899.0	724.3	591.0	458.1
0.0	0.0	30°	2022.0	1881.7	1741.4	1537.9	1334.5	1131.1	927.7	761.0	594.4
0.0	0.0	32.5°	2314.8	2146.8	1978.9	1769.0	1559.2	1349.4	1139.5	935.1	730.7
0.0	0.0	35°	2652.5	2456.5	2260.2	2027.4	1794.3	1561.6	1328.8	1098.0	867.0
0.0	0.0	37.5°	3081.6	2841.1	2600.2	2340.8	2081.4	1822.3	1562.9	1299.1	1035.3
0.0	0.0	40°	3903.1	3592.7	3282.3	2952.8	2622.8	2293.3	1963.7	1639.8	1316.0
0.0	0.0	42.5°	5374.9	4955.6	4536.2	4097.7	3658.8	3220.3	2781.4	2324.6	1867.5
0.0	0.0	45°	7035.9	6515.8	5995.2	5503.1	5010.5	4518.4	4026.2	3399.4	2772.6
0.0	0.0	47.5°	7970.0	7408.4	6846.7	6380.8	5915.0	5449.1	4983.2	4307.5	3631.8
0.0	0.0	50°	8313.8	7742.0	7170.2	6741.4	6312.3	5883.6	5454.5	4777.8	4100.7
0.0	0.0	52.5°	8387.0	7803.7	7220.5	6789.0	6357.6	5926.4	5495.0	4822.6	4150.3
0.0	0.0	55°	8537.5	7911.7	7285.6	6793.7	6301.9	5810.0	5318.2	4635.1	3952.0
0.0	0.0	57.5°	8734.1	8092.5	7450.9	6890.6	6330.2	5770.2	5209.9	4463.0	3716.2
0.0	0.0	60°	8682.5	8124.2	7565.6	6965.4	6365.0	5764.8	5164.4	4342.9	3521.2
0.0	0.0	62.5°	7786.5	7341.9	6897.0	6403.4	5909.6	5416.0	4922.5	4076.8	3231.1
0.0	0.0	65°	6405.8	6081.3	5756.7	5359.7	4962.3	4565.3	4168.2	3409.9	2651.8
0.0	0.0	67.5°	5191.7	4826.0	4460.0	4143.6	3826.8	3510.4	3193.6	2596.9	2000.1
		70°	4124.7	3727.0	3328.9	3019.9	2710.5	2401.5	2092.5	1695.8	1299.4
		72.5°	3275.6	2917.0	2558.4	2228.8	1898.9	1569.3	1239.4	1004.9	770.5
		75°	1565.6	1422.2	1278.9	1106.5	934.1	761.7	589.3	487.1	385.2
		77.5°	580.2	503.0	425.4	355.2	285.1	215.2	145.1	132.9	120.8
		80°	150.1	130.9	111.3	97.5	83.3	69.5	55.7	50.3	45.2
		82.5°	17.2	15.9	14.8	14.2	13.2	12.5	11.5	10.5	9.4
		85°	1.0	0.7	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):

[illegible]

REPORT NUMBER: P1049103

CATALOG NUMBER: GALN-SA1C-827-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	19.6	19.6
0.0	0.0	2.5°	18.2	17.9
0.0	0.0	5°	19.2	18.9
0.0	0.0	7.5°	21.3	20.6
0.0	0.0	10°	23.3	22.6
0.0	0.0	12.5°	26.3	25.3
0.0	0.0	15°	29.7	27.7
0.0	0.0	17.5°	35.4	31.0
0.0	0.0	20°	47.9	36.8
0.0	0.0	22.5°	67.5	45.9
0.0	0.0	25°	99.2	63.4
0.0	0.0	27.5°	138.0	84.3
0.0	0.0	30°	183.5	105.6
0.0	0.0	32.5°	223.7	125.8
0.0	0.0	35°	275.9	146.4
0.0	0.0	37.5°	340.4	172.7
0.0	0.0	40°	440.2	212.5
0.0	0.0	42.5°	620.0	286.1
0.0	0.0	45°	1007.0	494.5
0.0	0.0	47.5°	1549.4	818.1
0.0	0.0	50°	1895.5	1044.1
0.0	0.0	52.5°	1923.9	1042.4
0.0	0.0	55°	1756.2	926.7
0.0	0.0	57.5°	1498.5	774.5
0.0	0.0	60°	1245.5	612.6
0.0	0.0	62.5°	981.3	423.0
0.0	0.0	65°	717.2	299.2
0.0	0.0	67.5°	515.1	223.7
		70°	338.7	171.4
		72.5°	220.6	139.7
		75°	148.4	115.7
		77.5°	86.7	76.9
		80°	30.7	27.0
		82.5°	5.7	4.0
		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: P1049103

CATALOG NUMBER: GALN-SA1C-827-U-RBC

CANDELA DISTRIBUTION (continued):

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

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-8

Test Date: 10/10/2024

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

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

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 2700K CCT 26 LEDS

Spectral Parameters

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

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



Test Conditions

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

REPORT NUMBER: SP1-2407-184-8

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

REPORT NUMBER: SP1-2407-184-8

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength



Photopic Lumens: NR

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

REPORT NUMBER: SP1-2407-184-8

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.16

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

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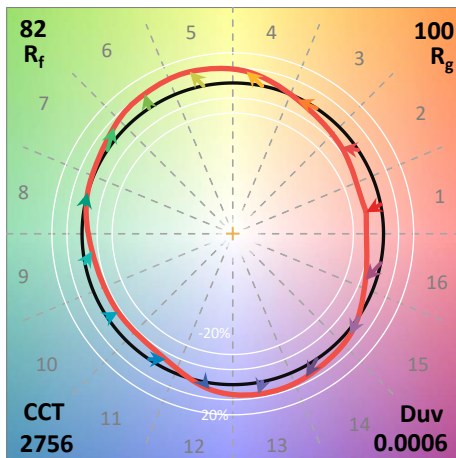
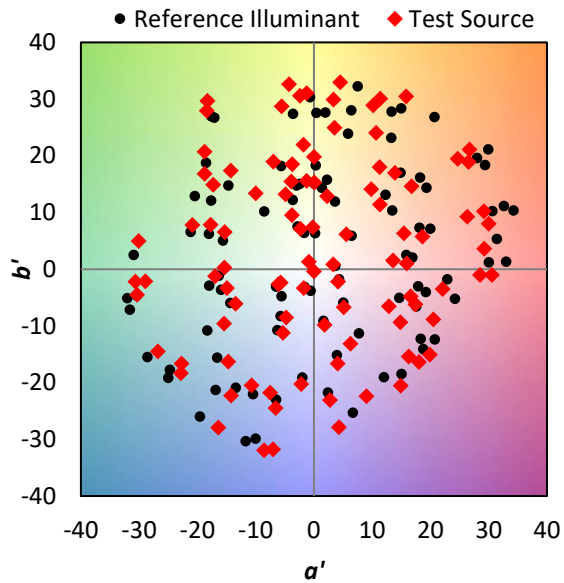
TM-30-18

Summary

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

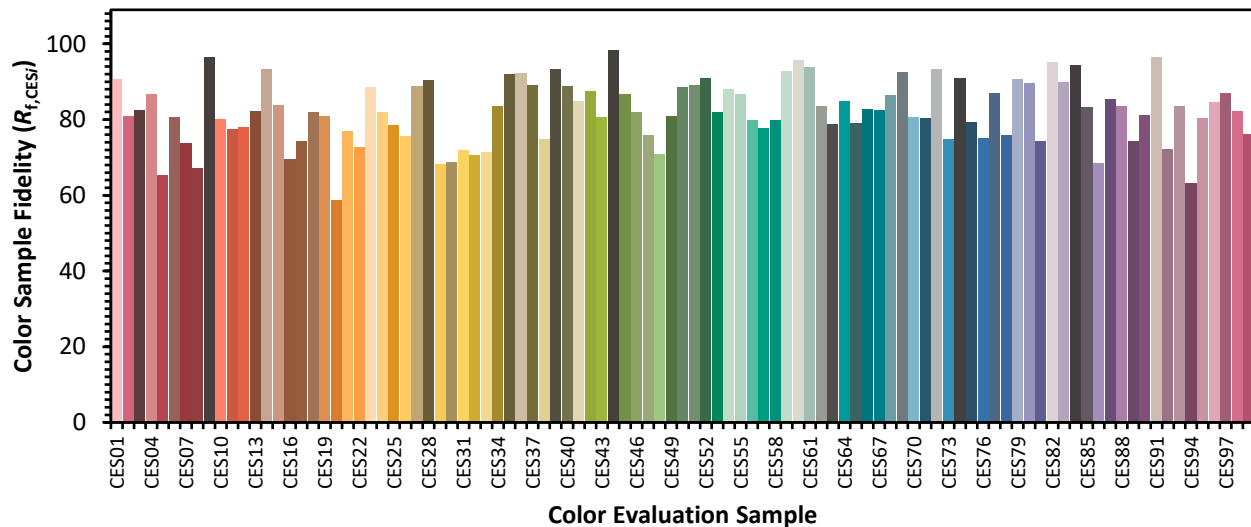


Color Vector Graphics



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)