

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: P1049323

Luminaire Tested: **GALN-SA2C-930-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049323
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2C-930-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 2xLight Square PACKAGE
90CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7156.1 lumens
Efficiency: N/A
Efficacy: 74.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 96.2
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

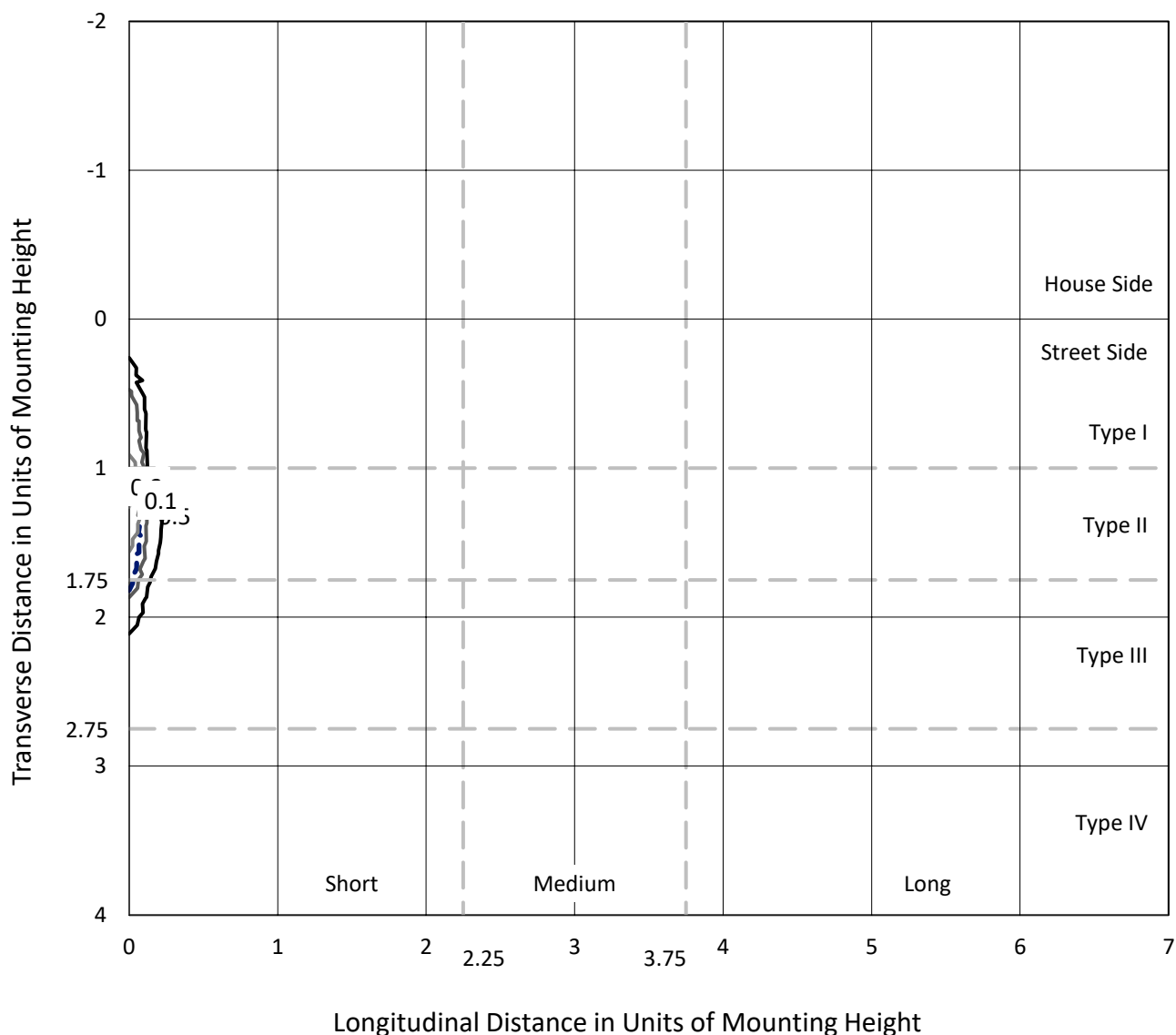
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

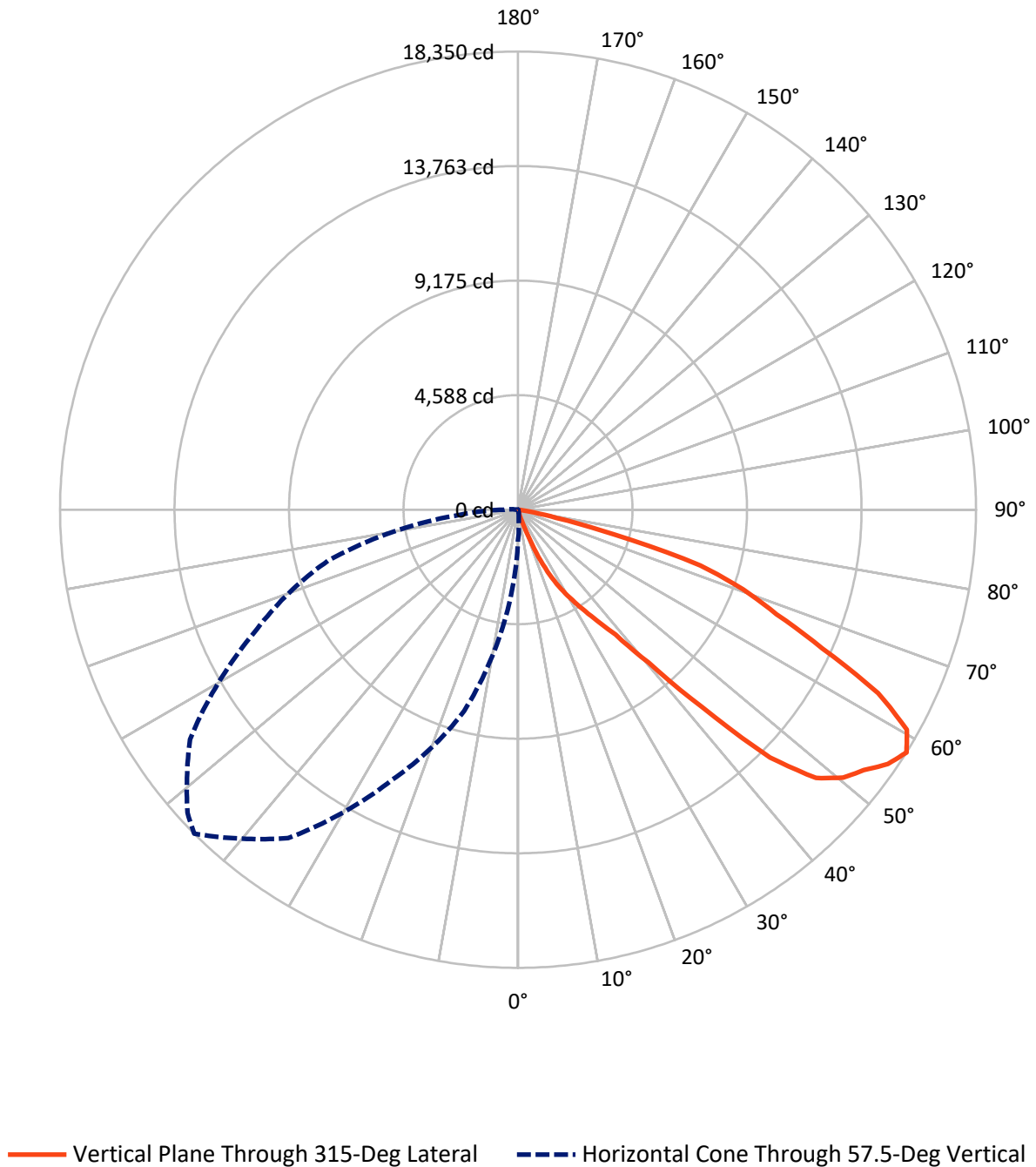


Based on 20 foot mounting height. Maximum calculated value = 1.1 fc

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	35.8	0.0	35.8
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	7120.3	0.0	7120.3
	% Fixture	99.5	0.0	99.5
Total	Lumens	7156.1	0.0	7156.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.8	0.0
10°-20°	15.7	0.2
20°-30°	169.6	2.4
30°-40°	501.5	7.0
40°-50°	1494.6	20.9
50°-60°	2369.9	33.1
60°-70°	1978.3	27.6
70°-80°	610.0	8.5
80°-90°	13.6	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	7156.1	100.0
0°-180°	7156.1	100.0



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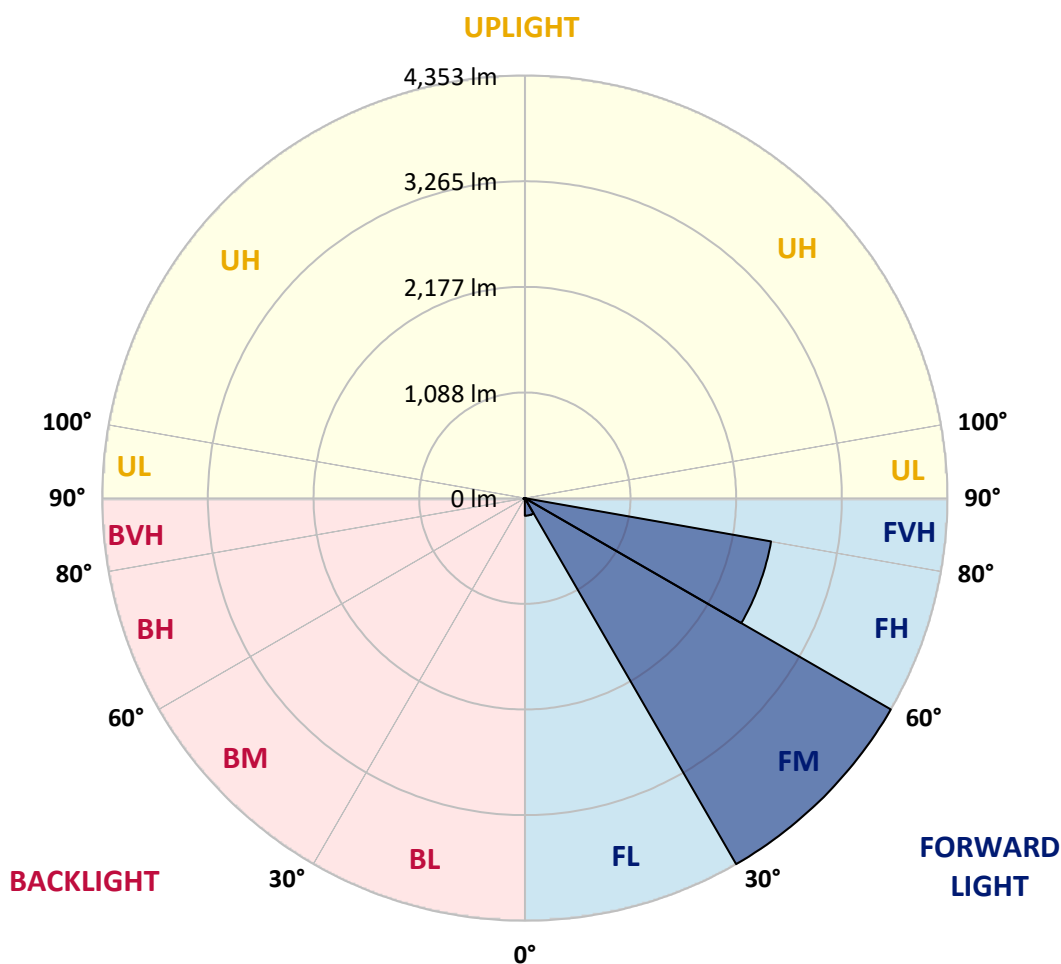
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	181.5	2.5			
FM	(30°-60°)	4353.3	60.8			
FH	(60°-80°)	2575.0	36.0			G2/5000
FVH	(80°-90°)	10.5	0.1			G1/100
BL	(0°-30°)	6.6	0.1	B0/110		
BM	(30°-60°)	12.8	0.2	B0/220		
BH	(60°-80°)	13.4	0.2	B0/110		G0/110
BVH	(80°-90°)	3.1	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
2.5°	28.7	28.7	28.7	28.7	28.1	28.1	27.6	27.6	27.0	27.0
5°	30.3	30.3	29.7	29.2	29.2	28.7	28.1	27.6	27.6	27.0
7.5°	33.0	32.4	31.9	31.4	30.3	29.7	28.7	28.1	27.6	26.5
10°	36.2	35.2	34.1	33.0	31.9	30.8	29.7	29.2	28.1	27.6
12.5°	40.6	38.9	36.8	35.2	34.1	32.4	31.4	30.3	28.7	27.6
15°	44.3	42.2	39.5	37.3	35.7	33.5	31.9	30.3	29.2	27.6
17.5°	49.8	46.0	41.6	38.9	36.8	34.1	31.4	29.7	28.1	26.0
20°	58.9	51.4	43.3	40.0	36.8	33.5	30.3	28.1	26.5	24.3
22.5°	73.5	60.6	47.6	42.7	38.4	33.5	29.2	27.0	24.9	22.7
25°	101.7	78.4	55.2	48.7	42.2	35.7	29.2	26.5	24.3	21.6
27.5°	135.2	100.6	65.4	56.2	47.6	38.4	29.2	26.0	23.3	20.0
30°	169.3	123.3	76.8	64.9	53.0	41.1	29.2	25.4	22.2	18.4
32.5°	201.7	144.4	86.5	72.5	58.4	43.8	29.7	25.4	21.1	16.8
35°	234.7	161.7	88.1	73.5	58.9	43.8	29.2	24.3	20.0	15.1
37.5°	276.9	181.2	84.9	70.3	56.2	41.6	27.6	23.3	18.9	14.1
40°	340.7	213.6	86.5	71.4	56.2	41.1	26.0	21.6	17.8	13.5
42.5°	458.6	276.3	93.6	76.3	58.9	41.1	23.8	20.0	16.8	13.0
45°	792.8	459.1	125.5	99.5	73.5	47.6	21.6	18.4	15.7	12.4
47.5°	1311.4	768.5	225.5	174.1	123.3	71.9	21.1	18.4	15.7	12.4
50°	1673.7	978.8	283.9	218.5	153.0	87.6	22.2	18.9	16.2	13.0
52.5°	1671.0	994.0	316.4	242.8	169.8	96.3	23.3	20.0	17.3	14.1
55°	1485.5	904.2	322.3	247.7	173.6	99.0	24.9	21.6	18.4	15.1
57.5°	1241.6	767.9	294.2	227.7	161.7	95.2	28.7	24.9	21.6	17.8
60°	982.1	605.7	229.3	181.2	133.6	85.4	37.9	33.0	28.7	23.8
62.5°	678.1	439.1	200.1	160.6	121.7	82.2	43.3	38.4	34.1	29.2
65°	479.7	330.4	180.6	147.1	114.1	80.6	47.0	41.6	36.8	31.4
67.5°	358.5	262.8	166.6	137.9	109.2	80.6	51.9	45.4	39.5	33.0
70°	274.7	215.8	156.3	133.0	110.3	87.1	63.8	54.6	46.0	36.8
72.5°	223.9	184.4	144.4	127.6	110.9	94.1	77.3	65.4	53.5	41.1
75°	185.5	157.9	130.3	116.3	102.7	88.7	74.6	63.8	53.5	42.7
77.5°	123.3	112.5	101.1	93.0	84.9	76.3	68.1	58.9	50.3	41.1
80°	43.3	41.6	40.0	43.3	46.5	49.8	53.0	46.5	40.6	34.1
82.5°	6.5	5.9	5.4	5.9	6.5	7.0	7.6	8.1	8.7	9.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA2C-930-U-RBC

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°	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
0.0	2.5°	26.5	26.5	26.0	26.0	26.0	25.4	25.4	24.9	24.9	24.9
0.0	5°	26.0	26.0	25.4	24.9	24.3	24.3	23.8	23.3	23.3	22.7
0.0	7.5°	25.4	24.9	24.3	23.8	23.3	22.7	22.2	21.6	21.6	21.1
0.0	10°	26.0	24.9	24.3	23.3	22.7	22.2	21.1	20.5	20.0	20.0
0.0	12.5°	24.9	24.3	23.3	22.2	21.6	20.5	20.0	18.9	18.4	18.4
0.0	15°	24.9	23.8	22.2	21.1	20.0	19.5	18.4	17.3	16.8	16.2
0.0	17.5°	23.3	22.2	20.5	19.5	18.4	17.3	16.2	15.1	14.6	14.1
0.0	20°	21.1	20.0	18.4	16.8	15.7	14.6	13.5	12.4	11.9	11.4
0.0	22.5°	18.9	17.8	16.2	14.6	13.5	12.4	10.8	9.7	9.2	8.1
0.0	25°	17.8	16.2	14.6	13.0	11.4	10.3	8.7	7.0	5.9	4.9
0.0	27.5°	15.1	13.5	11.9	10.3	8.7	7.0	5.4	3.8	2.7	2.2
0.0	30°	13.0	11.4	9.7	8.1	5.9	4.3	2.7	0.5	0.5	0.5
0.0	32.5°	10.8	9.2	7.0	5.4	4.3	2.7	1.6	0.0	0.0	0.0
0.0	35°	8.7	7.0	4.9	3.2	2.7	1.6	1.1	0.0	0.0	0.0
0.0	37.5°	7.6	5.9	3.8	1.6	1.1	1.1	0.5	0.0	0.0	0.0
0.0	40°	7.0	4.9	2.7	0.5	0.5	0.5	0.0	0.0	0.0	0.0
0.0	42.5°	7.0	4.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	7.0	4.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	7.0	4.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	7.6	5.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	8.7	6.5	4.3	2.2	1.6	1.1	0.5	0.0	0.0	0.0
0.0	55°	10.8	9.7	8.1	7.0	5.4	3.8	1.6	0.0	0.0	0.0
0.0	57.5°	14.1	14.1	13.5	13.0	9.7	6.5	3.2	0.0	0.0	0.0
0.0	60°	18.9	18.9	18.9	18.9	14.1	9.7	4.9	0.0	0.0	0.0
0.0	62.5°	23.3	22.2	20.5	19.5	14.6	9.7	4.9	0.0	0.0	0.0
0.0	65°	23.3	21.1	18.4	15.7	11.9	8.1	3.8	0.0	0.0	0.0
0.0	67.5°	21.6	17.3	12.4	8.1	5.9	4.3	2.2	0.0	0.0	0.0
	70°	21.6	15.1	8.7	2.2	1.6	1.1	0.5	0.0	0.0	0.0
	72.5°	21.6	14.6	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	23.8	16.2	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	23.8	16.2	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	21.1	14.1	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	7.0	4.9	2.2	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°	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
0.0	2.5°	24.3	24.3	24.3	23.8	23.8	23.8	23.8	23.3	23.3	23.3
0.0	5°	22.2	22.2	21.6	21.6	21.1	21.1	20.5	20.5	20.0	20.0
0.0	7.5°	20.5	20.0	20.0	19.5	18.9	18.9	18.4	18.4	17.8	17.3
0.0	10°	18.9	18.4	18.4	17.8	17.3	16.8	16.8	16.2	15.7	15.1
0.0	12.5°	17.3	16.8	16.2	15.7	15.1	14.6	14.6	14.1	13.5	13.0
0.0	15°	15.1	14.6	14.1	13.5	13.0	12.4	12.4	11.9	11.4	10.8
0.0	17.5°	13.0	12.4	12.4	11.9	11.4	10.8	10.3	9.2	8.7	8.1
0.0	20°	9.7	9.2	8.7	8.1	7.6	6.5	5.9	4.9	3.8	3.2
0.0	22.5°	6.5	5.4	4.9	3.8	2.7	2.2	1.6	0.5	0.0	0.0
0.0	25°	2.2	1.6	1.1	0.5	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: P1049323

CATALOG NUMBER: GALN-SA2C-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049323

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CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
0.0	2.5°	22.7	22.7	22.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2
0.0	5°	19.5	19.5	19.5	18.9	18.9	18.4	18.4	18.4	17.8	17.8
0.0	7.5°	16.8	16.2	16.2	15.7	15.7	15.1	15.1	15.1	14.6	14.6
0.0	10°	14.1	13.5	13.5	13.0	13.0	12.4	12.4	11.9	11.9	11.4
0.0	12.5°	12.4	11.9	11.4	10.8	10.8	10.3	9.7	9.7	9.2	8.7
0.0	15°	9.7	9.2	8.7	8.1	7.6	7.0	6.5	6.5	5.9	5.4
0.0	17.5°	6.5	5.4	4.9	4.3	4.3	3.8	3.2	2.7	2.2	1.6
0.0	20°	1.6	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049323

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CANDELA DISTRIBUTION (continued):

107.5°		110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°
0.0	0°	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
0.0	2.5°	22.2	21.6	21.6	21.6	22.2	22.2	22.2	22.2	22.2	22.2
0.0	5°	17.8	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
0.0	7.5°	14.6	14.1	14.1	14.1	14.1	13.5	13.5	13.5	13.5	13.5
0.0	10°	11.4	10.8	10.8	10.8	10.8	10.3	10.3	10.3	10.3	10.3
0.0	12.5°	8.1	8.1	7.6	7.6	7.6	7.0	7.0	7.0	7.0	6.5
0.0	15°	4.9	4.3	3.8	3.8	3.8	3.2	3.2	3.2	3.2	2.7
0.0	17.5°	1.1	1.1	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]



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CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
0.0	2.5°	22.7	22.7	23.3	23.3	23.8	24.9	25.4	26.0	27.0	28.1
0.0	5°	17.8	18.4	18.4	18.9	19.5	20.0	20.5	21.1	22.2	23.3
0.0	7.5°	14.1	14.1	14.6	14.6	15.1	16.2	16.8	17.3	18.4	20.0
0.0	10°	10.8	10.8	11.4	11.4	11.9	13.0	13.5	14.1	15.1	16.8
0.0	12.5°	7.0	7.6	7.6	8.1	8.7	9.7	10.3	10.8	11.9	13.0
0.0	15°	3.2	3.8	3.8	4.3	4.9	5.9	6.5	7.0	8.1	9.7
0.0	17.5°	0.5	0.5	1.1	1.1	1.6	2.2	2.7	3.2	4.9	5.9
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.2
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
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):

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CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
0.0	2.5°	29.7	30.8	31.9	33.0	34.1	35.2	35.7	36.8	37.3	37.9
0.0	5°	25.4	26.5	28.1	29.2	30.3	31.4	32.4	33.0	33.5	34.1
0.0	7.5°	22.2	23.3	24.9	26.0	27.0	28.1	29.2	30.3	30.8	31.4
0.0	10°	18.9	20.5	21.6	23.3	24.3	25.4	26.5	27.6	28.7	29.2
0.0	12.5°	15.1	16.8	18.4	19.5	21.1	22.7	23.8	24.9	26.0	27.0
0.0	15°	11.9	13.5	15.1	16.2	17.8	19.5	21.1	22.2	23.3	24.3
0.0	17.5°	8.7	10.3	11.9	13.0	14.6	16.2	17.3	18.9	20.0	21.1
0.0	20°	4.3	5.9	7.6	9.2	10.8	12.4	13.5	15.1	16.2	17.3
0.0	22.5°	0.5	2.2	3.8	4.9	6.5	8.1	9.2	10.8	11.9	13.0
0.0	25°	0.0	0.5	1.6	2.2	2.7	3.8	4.9	5.9	7.0	8.1
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.5	1.1	2.2	3.2	4.3
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
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	0.5
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	1.1
	85°	0.0	0.0	0.0	0.0	0.0	1.1	1.6	2.7	3.2	3.8
	87.5°	0.0	0.5	1.1	1.6	2.2	3.2	4.3	5.4	5.9	6.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049323

CATALOG NUMBER: GALN-SA2C-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
31.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
0.5											
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REPORT NUMBER: P1049323

CATALOG NUMBER: GALN-SA2C-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
0.0	2.5°	38.4	38.4	38.4	38.4	37.9	37.9	37.9	37.3	37.3	36.8
0.0	5°	35.2	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.2	35.2
0.0	7.5°	32.4	33.0	33.5	33.5	34.1	34.1	34.1	33.5	33.5	33.0
0.0	10°	30.8	31.4	31.4	31.9	31.9	31.9	31.9	31.9	31.9	31.9
0.0	12.5°	28.7	29.2	29.7	29.7	30.3	30.3	30.3	30.3	29.7	29.7
0.0	15°	26.0	27.0	27.6	28.1	28.1	28.7	28.7	28.7	28.7	28.7
0.0	17.5°	23.8	24.9	25.4	26.0	26.0	26.5	26.5	27.0	27.0	27.0
0.0	20°	19.5	20.5	21.1	22.2	22.7	23.3	23.8	24.3	24.3	24.9
0.0	22.5°	15.1	16.2	16.8	17.8	18.4	18.9	19.5	20.0	20.5	21.1
0.0	25°	10.8	11.9	12.4	13.5	14.1	14.6	15.1	15.7	15.7	16.2
0.0	27.5°	5.9	7.0	8.1	8.7	9.7	10.3	10.8	11.4	11.9	12.4
0.0	30°	2.7	3.2	3.8	4.9	5.4	5.9	6.5	7.6	8.1	8.7
0.0	32.5°	0.0	0.0	0.5	1.6	2.2	2.7	3.2	3.8	3.8	4.3
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1	1.6	2.2
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	1.1	1.1	1.1	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	82.5°	2.7	3.2	3.8	3.8	4.3	4.3	4.3	4.3	3.8	3.8
	85°	5.4	5.9	6.5	6.5	7.0	7.0	7.0	7.0	7.0	7.0
	87.5°	7.6	8.1	8.7	8.7	9.2	9.2	9.2	9.2	9.2	9.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049323

CATALOG NUMBER: GALN-SA2C-930-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
31.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	165°	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	170°	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	175°	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	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0										
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REPORT NUMBER: P1049323

CATALOG NUMBER: GALN-SA2C-930-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°	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
0.0	2.5°	36.2	36.2	35.7	35.7	35.7	35.7	35.7	36.2	36.8	36.8
0.0	5°	34.6	34.6	34.1	34.1	34.1	34.6	34.6	35.2	35.7	36.2
0.0	7.5°	33.0	32.4	32.4	33.0	33.0	33.5	33.5	34.1	34.6	35.2
0.0	10°	31.9	31.4	31.4	31.4	31.9	31.9	32.4	33.0	33.5	34.1
0.0	12.5°	29.7	29.7	29.7	29.7	30.3	30.3	30.8	31.4	32.4	33.0
0.0	15°	28.7	28.1	28.1	28.1	28.1	28.7	28.7	29.7	30.8	31.4
0.0	17.5°	26.5	26.5	26.0	26.0	26.5	26.5	27.0	28.1	29.2	29.7
0.0	20°	24.3	23.8	23.3	23.3	23.8	23.8	24.3	25.4	26.5	27.0
0.0	22.5°	21.1	20.5	20.5	20.5	20.5	21.1	21.1	22.2	23.8	24.9
0.0	25°	16.8	17.3	17.3	17.8	17.8	18.4	18.9	20.0	21.6	22.7
0.0	27.5°	13.0	13.5	13.5	14.6	15.1	15.7	16.2	17.8	19.5	20.5
0.0	30°	9.7	10.3	10.8	11.4	12.4	13.5	14.6	16.2	17.8	18.9
0.0	32.5°	5.9	7.0	7.6	8.7	9.7	10.8	11.9	13.5	15.7	17.3
0.0	35°	4.3	4.9	5.9	6.5	7.6	8.7	9.7	11.9	13.5	15.7
0.0	37.5°	2.2	3.2	4.3	5.4	6.5	7.6	8.7	10.8	13.0	14.6
0.0	40°	1.6	2.7	3.2	4.3	5.9	7.0	8.1	10.3	12.4	14.6
0.0	42.5°	1.1	1.6	2.2	3.8	4.9	6.5	8.1	10.3	12.4	14.6
0.0	45°	1.1	1.1	1.6	3.2	4.9	7.0	8.7	10.8	12.4	14.6
0.0	47.5°	1.1	1.6	2.2	4.3	5.4	7.0	8.7	10.3	12.4	14.1
0.0	50°	1.6	2.2	2.7	4.9	5.9	7.6	8.7	10.8	12.4	14.6
0.0	52.5°	1.1	1.6	2.2	4.3	5.9	8.1	9.7	11.9	14.1	15.7
0.0	55°	0.5	0.5	0.5	3.2	6.5	9.2	12.4	14.1	16.2	17.8
0.0	57.5°	0.0	0.0	0.0	2.2	6.5	10.3	14.1	16.2	18.4	20.0
0.0	60°	0.0	0.0	0.0	2.2	6.5	10.3	14.1	16.8	19.5	22.2
0.0	62.5°	0.0	0.0	0.0	2.2	5.4	8.7	11.9	16.2	21.1	25.4
0.0	65°	0.0	0.0	0.0	1.6	4.3	7.0	9.7	16.2	22.7	28.7
0.0	67.5°	0.0	0.0	0.0	1.6	4.3	6.5	9.2	16.2	22.7	29.7
	70°	0.0	0.0	0.0	1.6	4.3	7.0	9.7	16.2	22.7	29.2
	72.5°	0.0	0.0	0.0	1.6	4.9	7.6	10.8	16.2	21.6	27.0
	75°	0.0	0.0	0.0	2.2	4.9	8.1	11.4	16.2	21.1	25.4
	77.5°	0.0	0.0	0.0	1.6	4.9	7.6	10.8	15.7	20.5	24.9
	80°	1.6	1.1	1.1	2.7	4.9	7.0	9.2	14.1	19.5	24.3
	82.5°	3.2	3.2	2.7	3.8	4.9	6.5	8.1	12.4	17.3	21.6
	85°	6.5	6.5	5.9	6.5	6.5	7.0	7.6	9.7	11.9	14.1
	87.5°	8.7	8.7	8.1	8.1	8.1	7.6	7.6	7.6	7.6	7.0
	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: P1049323

CATALOG NUMBER: GALN-SA2C-930-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
31.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.7											
32.4											
30.3											
29.7											
29.2											
26.0											
16.2											
7.0											
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REPORT NUMBER: P1049323

CATALOG NUMBER: GALN-SA2C-930-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
0.0	2.5°	37.9	38.4	38.4	38.9	39.5	40.0	40.0	40.6	40.6	40.6
0.0	5°	37.3	38.4	38.9	39.5	40.0	40.6	41.1	41.6	42.2	42.2
0.0	7.5°	36.8	37.3	38.4	38.9	40.0	40.6	41.6	42.2	42.7	43.3
0.0	10°	35.7	36.8	37.9	38.9	40.0	41.1	42.2	43.3	44.3	44.9
0.0	12.5°	34.6	36.2	37.3	38.4	40.0	41.6	42.7	44.3	45.4	46.5
0.0	15°	34.1	35.2	36.8	37.9	40.0	42.2	43.8	46.0	48.1	49.8
0.0	17.5°	32.4	34.6	36.2	37.9	40.0	42.7	44.9	47.0	50.3	53.5
0.0	20°	30.3	31.9	34.1	35.7	38.9	41.6	44.9	47.6	52.5	57.3
0.0	22.5°	28.1	30.3	31.9	34.1	37.9	41.1	44.9	48.1	56.2	63.8
0.0	25°	26.0	28.7	30.8	33.0	37.3	41.6	46.0	50.3	63.8	77.3
0.0	27.5°	24.9	27.0	29.7	31.9	37.3	43.3	48.7	54.1	75.7	96.8
0.0	30°	23.3	26.0	28.1	30.8	37.9	44.9	51.9	58.9	91.9	124.9
0.0	32.5°	21.6	24.3	27.0	29.7	38.9	48.1	56.8	66.0	109.2	152.0
0.0	35°	20.0	23.3	26.0	28.7	40.6	53.0	64.9	76.8	124.9	172.5
0.0	37.5°	19.5	22.7	25.4	28.1	41.1	53.5	66.5	79.0	126.5	174.1
0.0	40°	20.0	22.7	26.0	28.7	39.5	50.3	60.6	71.4	121.1	170.3
0.0	42.5°	20.0	23.3	26.5	29.7	38.4	47.0	55.7	64.4	119.5	174.7
0.0	45°	19.5	22.7	26.0	29.2	37.3	44.9	53.0	60.6	129.2	197.4
0.0	47.5°	18.9	22.2	25.4	28.7	36.8	44.9	53.0	61.1	167.1	272.6
0.0	50°	18.9	22.2	24.9	27.6	37.3	47.6	57.3	67.1	243.4	419.1
0.0	52.5°	20.0	22.7	24.9	27.0	38.4	50.3	61.6	73.0	309.3	545.1
0.0	55°	21.6	23.3	25.4	27.0	41.1	54.6	68.7	82.2	329.3	576.5
0.0	57.5°	23.8	25.4	27.0	28.7	46.0	63.3	80.0	97.3	331.0	564.0
0.0	60°	26.5	28.7	30.3	31.9	50.3	69.2	87.6	106.0	299.6	492.7
0.0	62.5°	32.4	35.2	37.3	40.0	57.9	75.2	93.0	110.3	248.8	387.2
0.0	65°	37.3	39.5	41.6	43.8	61.1	79.0	96.3	113.6	210.9	308.2
0.0	67.5°	38.4	40.6	42.2	44.3	62.2	80.0	97.3	115.2	180.6	245.5
	70°	38.9	41.6	44.9	47.6	66.0	84.4	102.2	120.6	160.1	199.5
	72.5°	37.3	42.7	47.6	52.5	69.8	86.5	103.8	120.6	148.7	176.8
	75°	37.3	44.9	51.9	58.9	71.9	84.4	97.3	109.8	131.4	153.0
	77.5°	39.5	49.2	58.9	68.7	76.3	83.3	90.9	97.9	111.9	126.0
	80°	39.5	49.8	59.5	69.8	73.0	76.8	80.0	83.3	84.9	86.5
	82.5°	34.1	42.2	50.3	58.4	54.6	50.8	47.0	43.3	40.6	37.3
	85°	17.3	18.9	20.0	21.1	19.5	17.8	16.2	14.6	13.5	11.9
	87.5°	7.0	7.0	6.5	6.5	6.5	6.5	5.9	5.9	5.9	5.9
	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: P1049323

CATALOG NUMBER: GALN-SA2C-930-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
31.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
216.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
270.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
307.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
335.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
362.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
416.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
525.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1226.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1543.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1578.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1424.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1217.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
951.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
719.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
531.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
375.8											
279.6											
203.3											
153.0											
86.0											
38.9											
11.4											
5.4											
0.0											
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REPORT NUMBER: P1049323

CATALOG NUMBER: GALN-SA2C-930-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°	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
0.0	2.5°	40.6	40.0	40.0	39.5	38.9	38.4	37.9	37.3	36.8	36.2
0.0	5°	42.2	42.2	42.2	41.6	41.6	41.1	41.1	40.6	40.0	39.5
0.0	7.5°	43.8	44.3	44.3	44.9	44.9	44.9	44.9	44.3	44.3	44.3
0.0	10°	46.5	47.0	47.6	48.1	48.7	49.2	49.2	49.8	49.8	49.8
0.0	12.5°	49.8	51.4	52.5	54.1	55.2	56.8	57.9	59.5	60.6	61.6
0.0	15°	54.6	57.3	60.6	63.3	66.0	69.8	74.1	77.9	81.7	87.6
0.0	17.5°	61.6	70.3	79.0	87.1	95.7	114.6	133.6	152.0	170.9	198.5
0.0	20°	75.2	101.1	126.5	152.5	177.9	244.4	310.4	376.9	442.9	513.7
0.0	22.5°	105.5	169.3	233.1	296.9	360.7	499.7	638.1	777.1	915.5	1078.3
0.0	25°	153.0	270.4	387.7	504.5	621.9	839.3	1057.2	1274.6	1492.0	1703.5
0.0	27.5°	222.8	402.3	581.9	760.9	940.4	1235.1	1530.4	1825.1	2119.9	2358.9
0.0	30°	308.8	552.1	795.5	1038.8	1282.2	1617.5	1952.8	2287.5	2622.8	2884.0
0.0	32.5°	389.9	687.9	985.8	1283.3	1581.2	1963.0	2345.4	2727.2	3109.0	3394.5
0.0	35°	442.9	803.1	1163.8	1523.9	1884.1	2297.2	2710.4	3123.0	3536.2	3862.3
0.0	37.5°	495.9	911.8	1327.1	1742.9	2158.3	2612.0	3065.7	3519.4	3973.1	4376.0
0.0	40°	555.4	1043.2	1530.4	2018.2	2505.4	3043.0	3580.0	4117.5	4654.5	5222.9
0.0	42.5°	658.7	1261.1	1864.1	2466.5	3068.9	3780.1	4491.2	5201.8	5912.9	6724.1
0.0	45°	852.8	1701.8	2551.4	3400.4	4249.5	5191.5	6134.1	7076.1	8018.2	9097.6
0.0	47.5°	1328.2	2496.2	3663.8	4831.9	5999.4	7016.6	8033.3	9050.5	10067.2	11142.3
0.0	50°	2032.3	3391.8	4751.3	6110.3	7469.8	8390.2	9310.1	10230.5	11150.4	12173.0
0.0	52.5°	2541.7	3958.0	5374.8	6791.1	8207.4	9038.1	9869.3	10699.9	11530.5	12486.1
0.0	55°	2580.1	3988.3	5397.0	6805.2	8213.4	9047.8	9882.2	10716.7	11551.1	12564.0
0.0	57.5°	2284.3	3681.1	5077.4	6474.2	7870.5	8820.7	9770.3	10720.5	11670.1	12765.1
0.0	60°	1943.0	3340.4	4737.2	6134.6	7531.5	8626.0	9721.1	10815.6	11910.2	12936.0
0.0	62.5°	1515.8	2953.2	4391.1	5828.5	7265.9	8377.2	9488.6	10599.3	11710.6	12480.2
0.0	65°	1129.7	2525.4	3921.2	5316.4	6712.2	7602.3	8492.4	9382.0	10272.1	10748.6
0.0	67.5°	816.6	2020.4	3223.6	4427.4	5630.6	6267.7	6904.7	7541.2	8178.2	8542.7
	70°	552.1	1386.0	2219.4	3053.3	3886.6	4410.1	4934.1	5457.6	5981.0	6473.2
	72.5°	382.3	850.6	1319.5	1787.8	2256.1	2782.9	3309.0	3835.8	4361.9	4882.7
	75°	253.6	466.7	680.3	893.4	1106.4	1496.3	1886.8	2276.7	2666.6	2977.0
	77.5°	180.1	243.9	308.2	372.1	435.9	508.9	582.4	655.4	728.4	839.3
	80°	85.4	93.6	101.7	109.2	117.3	143.8	170.3	196.8	223.3	251.5
	82.5°	40.6	43.8	47.0	49.8	53.0	55.7	58.4	61.1	63.8	61.1
	85°	10.8	10.8	11.4	11.4	11.4	11.4	11.4	11.4	11.4	10.8
	87.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.3	4.3	3.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GALN-SA2C-930-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
31.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
225.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
585.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1241.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1914.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2597.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3145.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3680.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4188.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4779.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5791.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7535.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10177.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12217.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13195.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13441.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13577.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13860.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13961.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13250.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11225.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8907.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6964.7											
5403.5											
3287.4											
950.2											
279.6											
57.9											
10.3											
3.8											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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0.0											

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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
0.0	2.5°	35.2	34.6	34.1	33.5	33.0	31.9	31.9	31.4	31.4
0.0	5°	38.4	37.9	37.3	36.8	36.8	36.2	35.7	35.7	35.2
0.0	7.5°	43.8	43.3	42.7	42.2	42.2	41.6	41.6	41.1	41.1
0.0	10°	50.3	50.3	50.3	50.3	50.3	49.8	49.8	49.8	49.2
0.0	12.5°	63.3	63.8	64.9	66.0	67.6	67.6	67.6	67.1	67.1
0.0	15°	100.0	106.0	110.3	114.6	118.4	127.1	126.0	124.4	123.3
0.0	17.5°	253.1	280.1	294.7	308.8	323.4	363.4	356.9	350.4	344.5
0.0	20°	656.0	726.8	773.9	820.9	868.5	943.7	925.3	906.9	888.5
0.0	22.5°	1403.3	1566.1	1636.9	1707.8	1778.1	1868.9	1810.0	1751.1	1692.6
0.0	25°	2125.8	2337.3	2456.8	2576.3	2695.3	2747.2	2670.4	2593.0	2516.3
0.0	27.5°	2836.9	3076.0	3181.4	3286.3	3391.8	3500.5	3405.3	3309.6	3214.4
0.0	30°	3406.9	3668.1	3782.2	3895.8	4009.9	4085.6	3987.2	3888.2	3789.8
0.0	32.5°	3966.1	4251.6	4376.5	4501.5	4625.8	4734.5	4613.4	4491.7	4370.6
0.0	35°	4513.9	4840.0	5012.0	5183.9	5355.9	5457.0	5313.2	5168.8	5024.9
0.0	37.5°	5182.3	5585.2	5777.7	5970.2	6162.7	6347.2	6188.7	6029.7	5871.3
0.0	40°	6359.6	6928.0	7223.2	7519.0	7814.3	8052.2	7852.1	7652.1	7452.0
0.0	42.5°	8346.4	9157.6	9582.1	10006.1	10430.6	10802.1	10591.7	10381.4	10171.0
0.0	45°	11256.4	12335.8	12853.3	13370.3	13887.8	14159.3	13856.4	13553.1	13250.2
0.0	47.5°	13291.9	14366.9	14827.7	15288.4	15749.2	16059.0	15688.6	15318.2	14948.3
0.0	50°	14217.7	15240.3	15702.7	16164.5	16626.9	16872.9	16445.2	16016.9	15589.1
0.0	52.5°	14396.7	15352.2	15903.8	16456.0	17007.6	17336.4	16831.3	16325.7	15820.6
0.0	55°	14590.3	15603.2	16242.9	16883.2	17522.9	17978.3	17407.2	16835.6	16264.5
0.0	57.5°	14954.8	16049.9	16688.0	17325.6	17963.7	18350.3	17777.6	17204.4	16631.7
0.0	60°	14987.2	16012.5	16560.9	17109.8	17658.1	17901.5	17353.7	16805.3	16257.5
0.0	62.5°	14019.8	14789.3	15170.0	15550.7	15931.4	16195.9	15624.3	15052.1	14480.5
0.0	65°	11702.0	12178.4	12481.8	12785.2	13088.5	13403.8	12880.3	12356.9	11833.4
0.0	67.5°	9272.2	9636.7	10036.4	10436.0	10835.6	11172.5	10753.4	10333.8	9914.7
	70°	7456.8	7948.4	8397.8	8847.2	9296.6	9572.4	9151.6	8730.4	8309.6
	72.5°	5924.3	6445.0	6820.3	7195.1	7570.4	7638.0	7328.7	7019.3	6710.6
	75°	3597.3	3907.7	3915.3	3922.3	3929.9	3994.2	3737.9	3481.6	3225.8
	77.5°	1061.0	1171.9	1263.3	1354.1	1445.5	1555.8	1461.7	1367.1	1273.0
	80°	307.2	335.3	359.1	382.3	406.1	392.1	369.9	347.7	325.6
	82.5°	55.2	51.9	51.4	50.8	50.8	48.1	43.8	39.5	35.2
	85°	9.7	9.2	8.7	8.1	7.6	7.0	5.9	5.4	4.3
	87.5°	3.2	2.7	2.2	1.6	1.6	0.5	0.5	0.5	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: P1049323

CATALOG NUMBER: GALN-SA2C-930-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°	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
0.0	0.0	2.5°	30.8	30.3	30.3	30.3	30.3	29.7	29.7	29.7	29.7
0.0	0.0	5°	34.1	34.1	33.5	33.5	33.0	33.0	32.4	32.4	31.9
0.0	0.0	7.5°	40.0	39.5	38.9	38.4	37.9	36.8	36.2	35.7	35.7
0.0	0.0	10°	48.1	47.0	46.5	45.4	44.9	43.8	42.7	41.6	40.6
0.0	0.0	12.5°	63.3	61.1	59.5	57.3	55.2	53.5	51.4	49.8	47.6
0.0	0.0	15°	109.8	104.4	98.4	91.4	83.8	76.8	69.2	64.9	60.0
0.0	0.0	17.5°	280.7	252.5	223.9	200.6	177.4	154.7	131.4	114.6	97.9
0.0	0.0	20°	714.4	636.5	558.6	481.8	404.5	327.7	250.4	211.4	172.5
0.0	0.0	22.5°	1344.4	1200.0	1055.1	915.0	774.4	634.3	494.3	406.1	318.5
0.0	0.0	25°	2075.0	1893.3	1711.6	1481.2	1250.3	1019.9	789.5	646.2	502.9
0.0	0.0	27.5°	2700.1	2490.8	2281.6	2001.4	1721.3	1441.2	1161.1	947.4	734.4
0.0	0.0	30°	3241.4	3016.5	2791.5	2465.4	2139.3	1813.2	1487.1	1220.0	952.9
0.0	0.0	32.5°	3710.8	3441.5	3172.2	2835.9	2499.5	2163.1	1826.8	1499.0	1171.3
0.0	0.0	35°	4252.2	3938.0	3623.2	3250.1	2876.4	2503.3	2130.1	1760.2	1389.8
0.0	0.0	37.5°	4940.0	4554.5	4168.3	3752.5	3336.6	2921.3	2505.4	2082.5	1659.7
0.0	0.0	40°	6256.8	5759.3	5261.8	4733.5	4204.6	3676.2	3147.9	2628.7	2109.6
0.0	0.0	42.5°	8616.3	7944.1	7271.9	6568.9	5865.3	5162.3	4458.7	3726.5	2993.8
0.0	0.0	45°	11279.1	10445.2	9610.8	8821.8	8032.2	7243.2	6454.2	5449.5	4444.7
0.0	0.0	47.5°	12776.5	11876.1	10975.7	10228.9	9482.1	8735.2	7988.4	6905.2	5822.1
0.0	0.0	50°	13327.6	12410.9	11494.3	10807.0	10119.1	9431.8	8743.9	7659.1	6573.7
0.0	0.0	52.5°	13444.9	12509.9	11574.9	10883.2	10191.6	9500.4	8808.8	7731.0	6653.2
0.0	0.0	55°	13686.1	12682.9	11679.3	10890.8	10102.3	9313.9	8525.4	7430.3	6335.3
0.0	0.0	57.5°	14001.4	12972.8	11944.2	11046.0	10147.8	9250.1	8351.8	7154.5	5957.2
0.0	0.0	60°	13918.6	13023.6	12128.1	11166.1	10203.5	9241.4	8278.8	6962.0	5644.7
0.0	0.0	62.5°	12482.3	11769.6	11056.3	10265.1	9473.4	8682.2	7891.1	6535.3	5179.6
0.0	0.0	65°	10268.9	9748.7	9228.4	8591.9	7954.9	7318.4	6681.9	5466.2	4251.1
0.0	0.0	67.5°	8322.6	7736.4	7149.7	6642.4	6134.6	5627.4	5119.6	4162.9	3206.3
		70°	6612.1	5974.6	5336.4	4841.1	4345.2	3849.8	3354.5	2718.5	2083.1
		72.5°	5251.0	4676.1	4101.3	3572.9	3044.1	2515.7	1986.8	1611.0	1235.1
		75°	2509.8	2279.9	2050.1	1773.8	1497.4	1221.1	944.7	780.9	617.6
		77.5°	930.1	806.3	681.9	569.4	457.0	345.0	232.5	213.1	193.6
		80°	240.6	209.8	178.5	156.3	133.6	111.4	89.2	80.6	72.5
		82.5°	27.6	25.4	23.8	22.7	21.1	20.0	18.4	16.8	15.1
		85°	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049323

CATALOG NUMBER: GALN-SA2C-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049323

CATALOG NUMBER: GALN-SA2C-930-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	31.4	31.4
0.0	0.0	2.5°	29.2	28.7
0.0	0.0	5°	30.8	30.3
0.0	0.0	7.5°	34.1	33.0
0.0	0.0	10°	37.3	36.2
0.0	0.0	12.5°	42.2	40.6
0.0	0.0	15°	47.6	44.3
0.0	0.0	17.5°	56.8	49.8
0.0	0.0	20°	76.8	58.9
0.0	0.0	22.5°	108.2	73.5
0.0	0.0	25°	159.0	101.7
0.0	0.0	27.5°	221.2	135.2
0.0	0.0	30°	294.2	169.3
0.0	0.0	32.5°	358.5	201.7
0.0	0.0	35°	442.4	234.7
0.0	0.0	37.5°	545.6	276.9
0.0	0.0	40°	705.7	340.7
0.0	0.0	42.5°	994.0	458.6
0.0	0.0	45°	1614.2	792.8
0.0	0.0	47.5°	2483.8	1311.4
0.0	0.0	50°	3038.7	1673.7
0.0	0.0	52.5°	3084.1	1671.0
0.0	0.0	55°	2815.3	1485.5
0.0	0.0	57.5°	2402.2	1241.6
0.0	0.0	60°	1996.6	982.1
0.0	0.0	62.5°	1573.1	678.1
0.0	0.0	65°	1149.7	479.7
0.0	0.0	67.5°	825.8	358.5
		70°	542.9	274.7
		72.5°	353.7	223.9
		75°	237.9	185.5
		77.5°	139.0	123.3
		80°	49.2	43.3
		82.5°	9.2	6.5
		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: P1049323

CATALOG NUMBER: GALN-SA2C-930-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: SP1-2407-184-14

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-930-U-5WQ

Data in this report applies to families of products including GSS-SB1A-930-U-5WQ

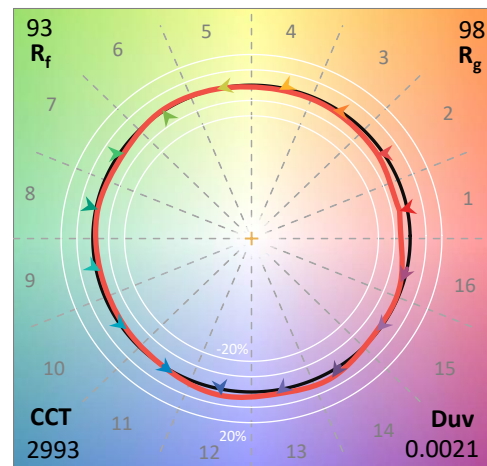
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-14
 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-930-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2993
 CIE u' : 0.2501
 CIE v' : 0.5245
 Duv: 0.0021
 CIE x: 0.4406
 CIE y: 0.4107
 CIE z: 0.1487
 Peak Wavelength (nm): 621
 Dominant Wavelength (nm): 582
 Purity: 55.53327
 R_f: 92.6
 R_g: 98.5

CRI (Ra): 92.4
 R1: 92.2
 R2: 95.2
 R3: 97.0
 R4: 93.1
 R5: 91.7
 R6: 94.2
 R7: 93.3
 R8: 82.3
 R9: 58.2
 R10: 87.7
 R11: 93.5
 R12: 81.7
 R13: 92.9
 R14: 97.6
 R15: 88.1



Test Conditions

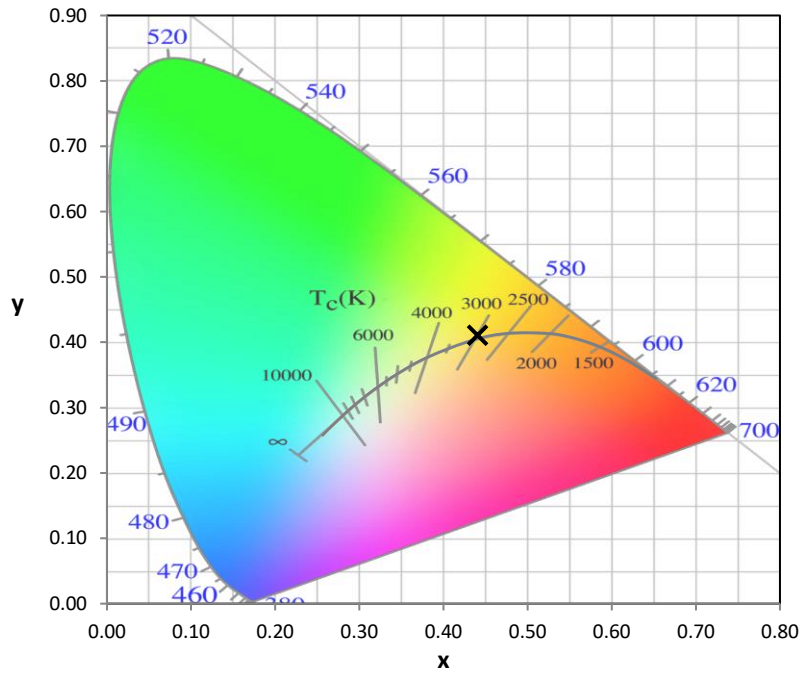
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-14

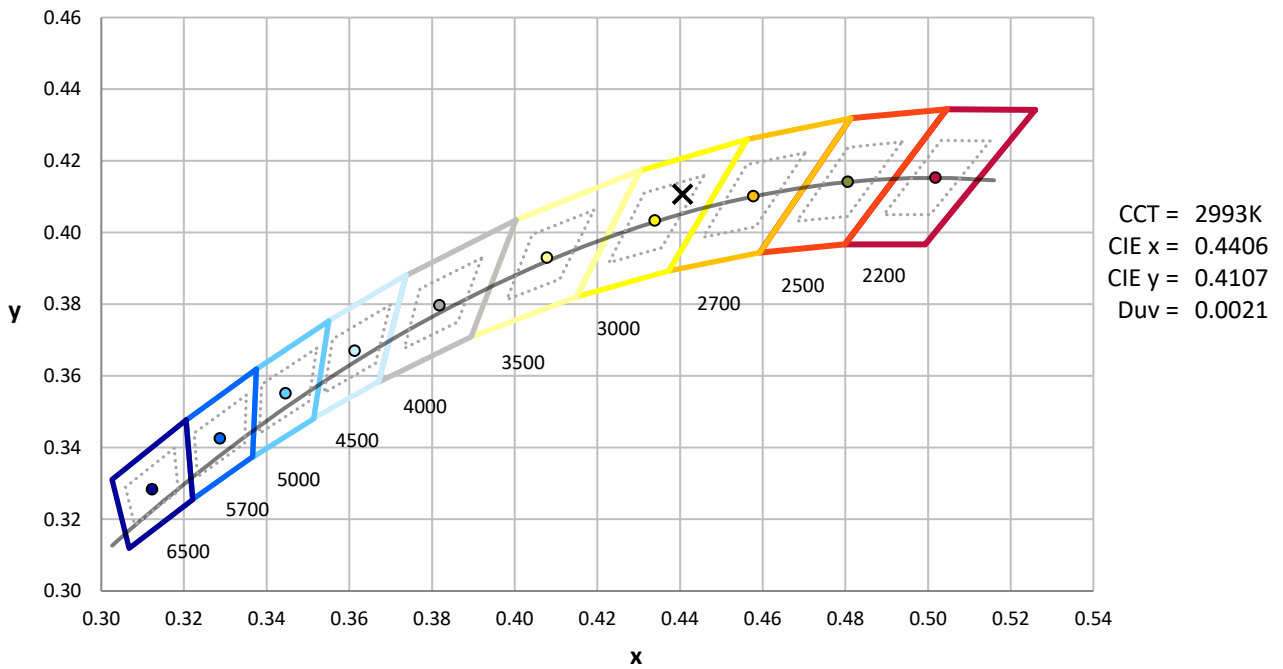
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-14

CIE 1931 Chromaticity Diagram



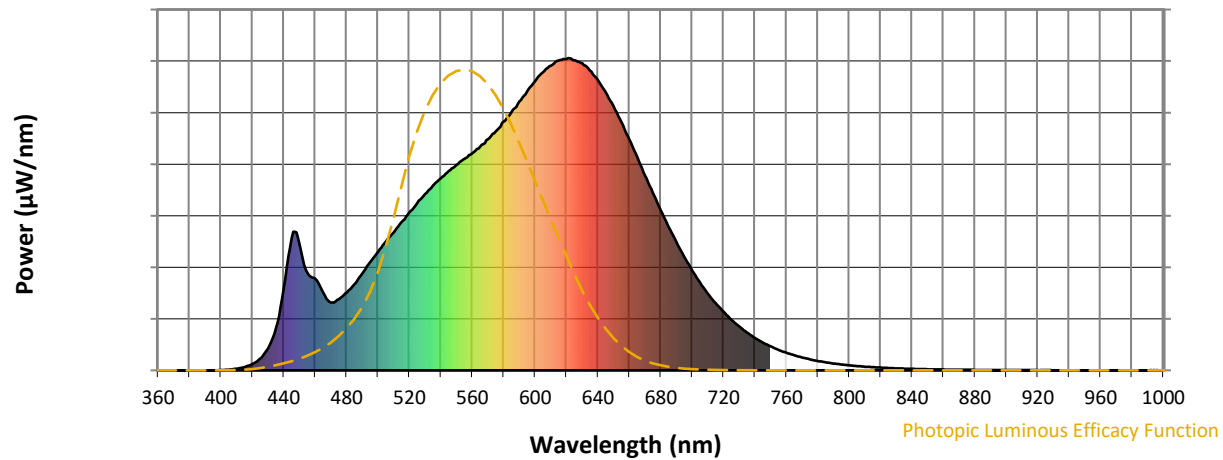
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

Photopic Flux vs. Wavelength

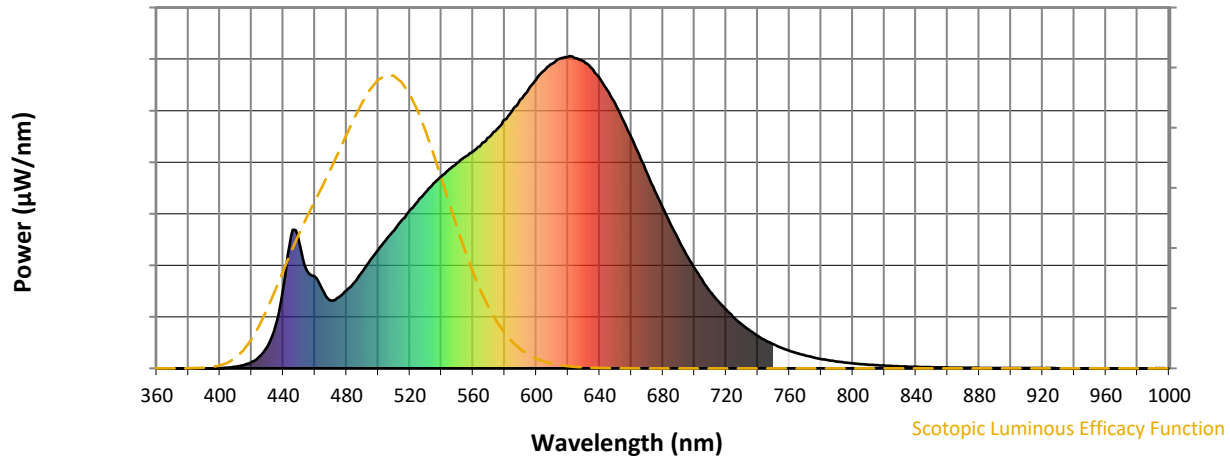


Photopic Lumens: NR

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

Scotopic Flux vs. Wavelength



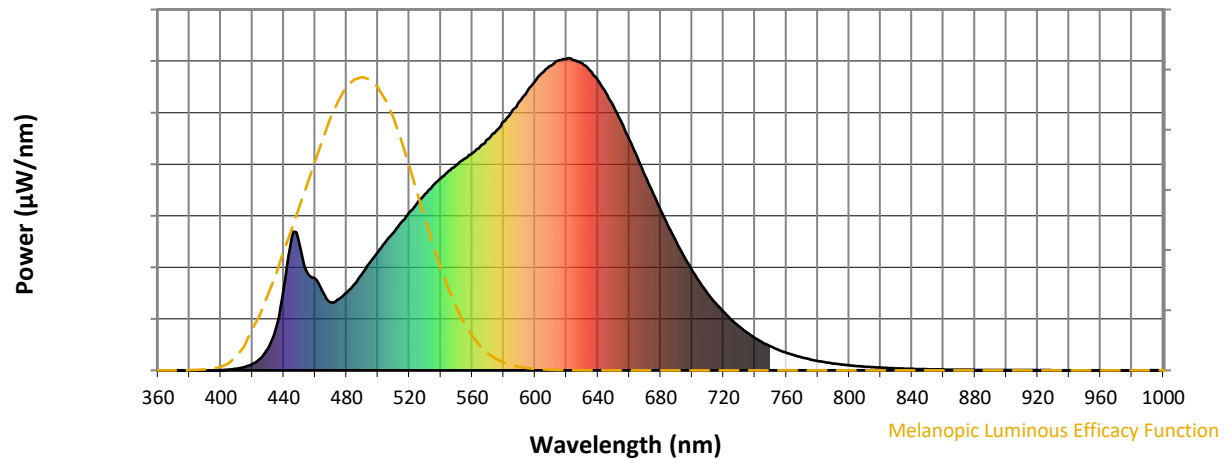
Scotopic Lumens: NR

S/P: 1.39

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.69

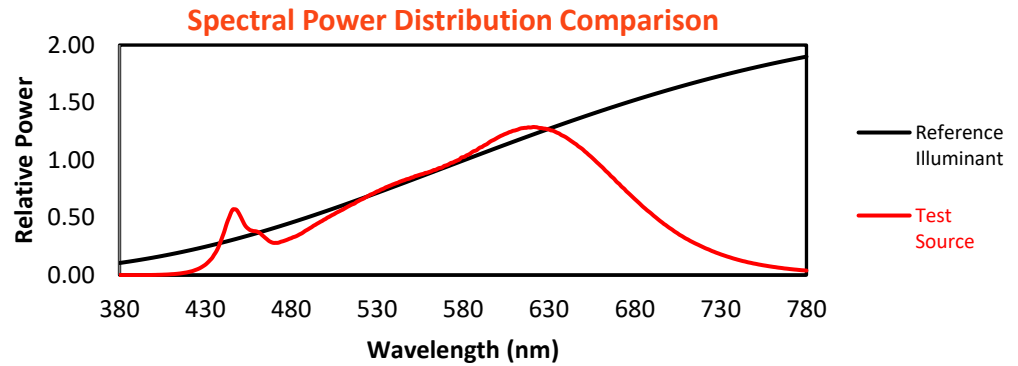
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

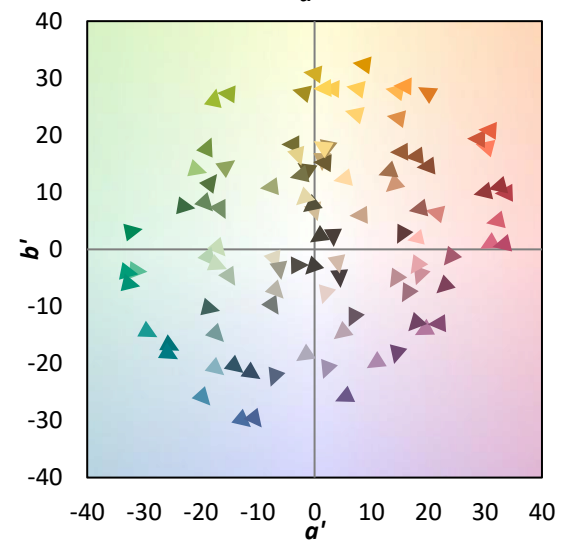
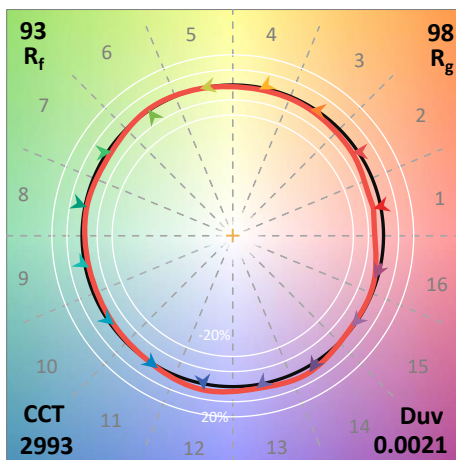
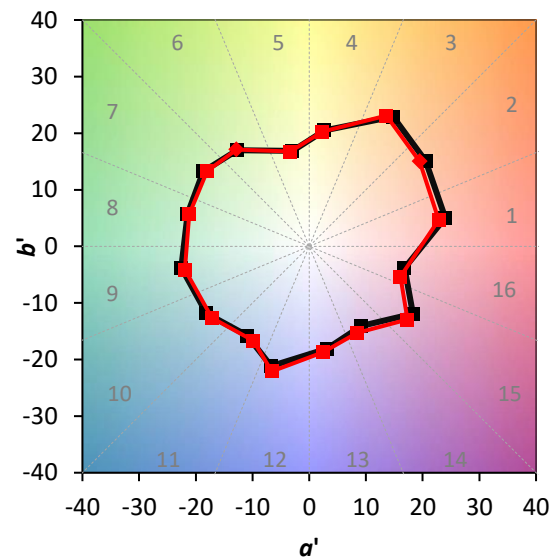
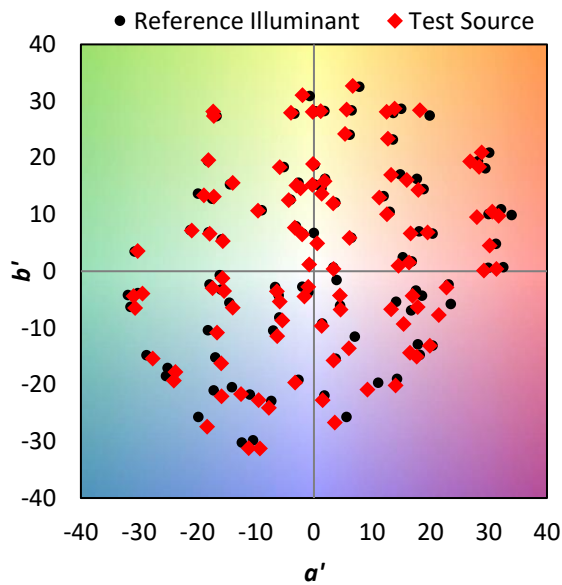
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98.5$
 $CIE R_a = 92.4$
 $R_9 = 58.2$

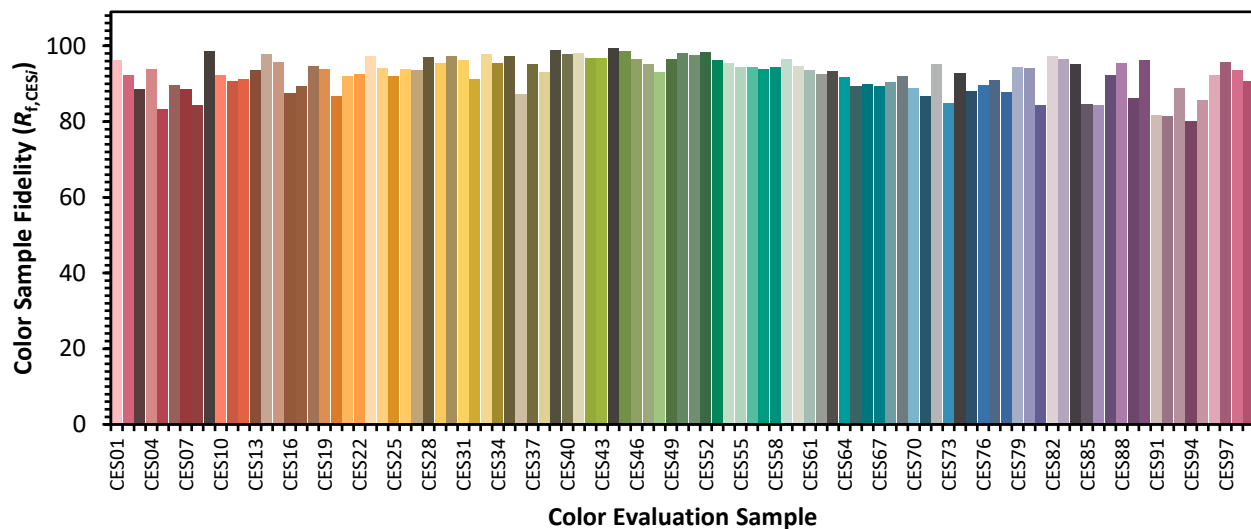


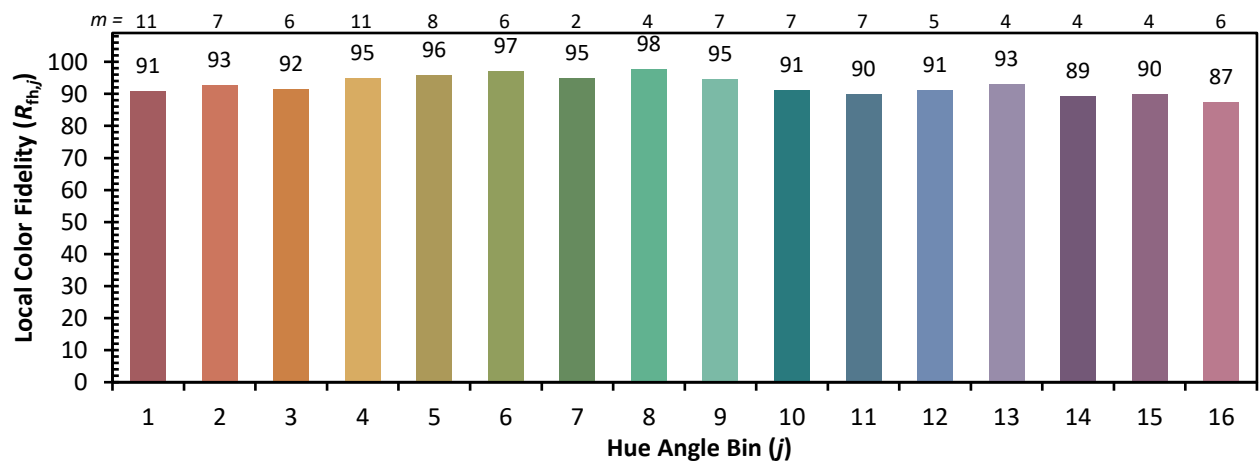
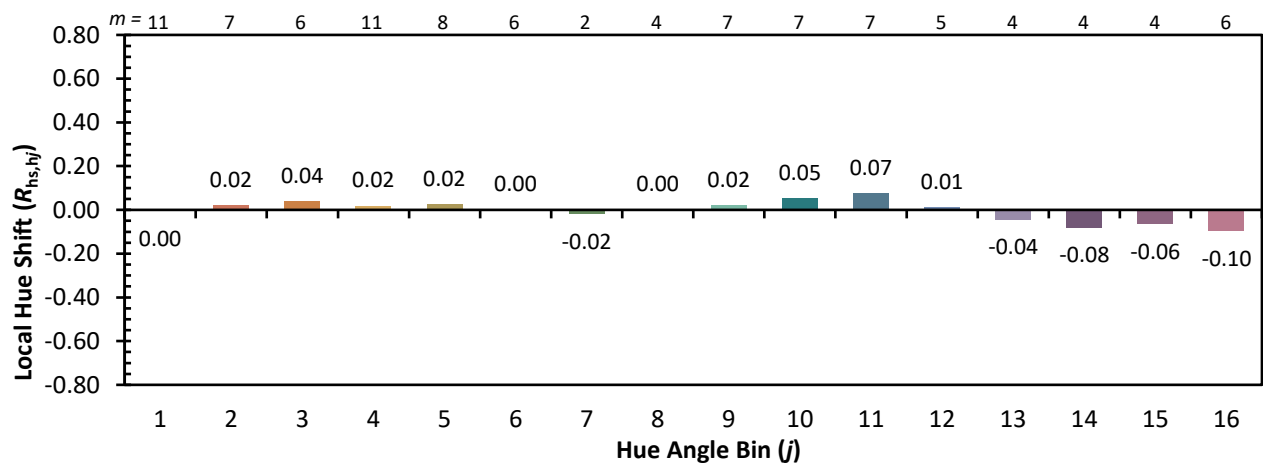
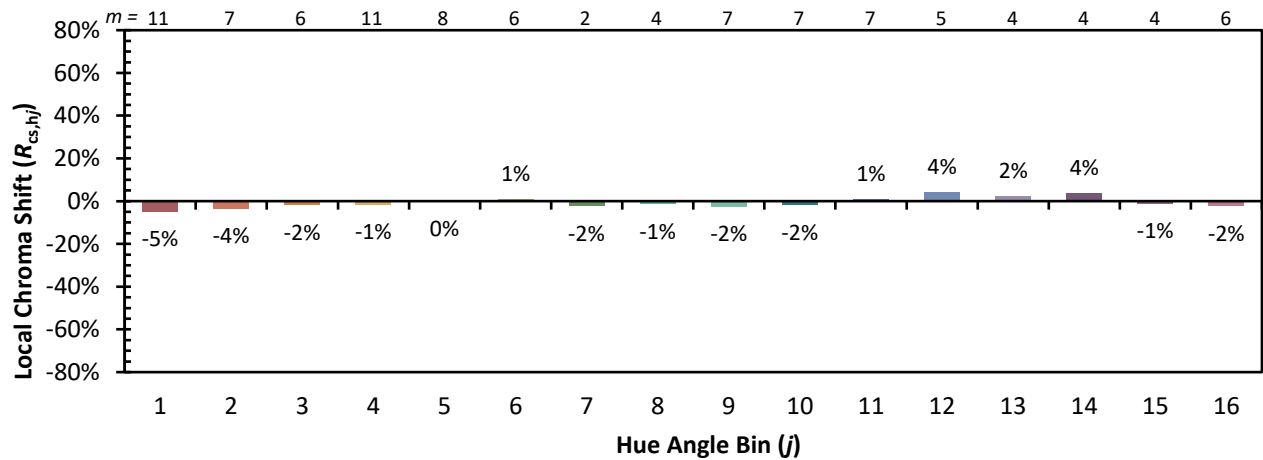
Color Vector Graphics



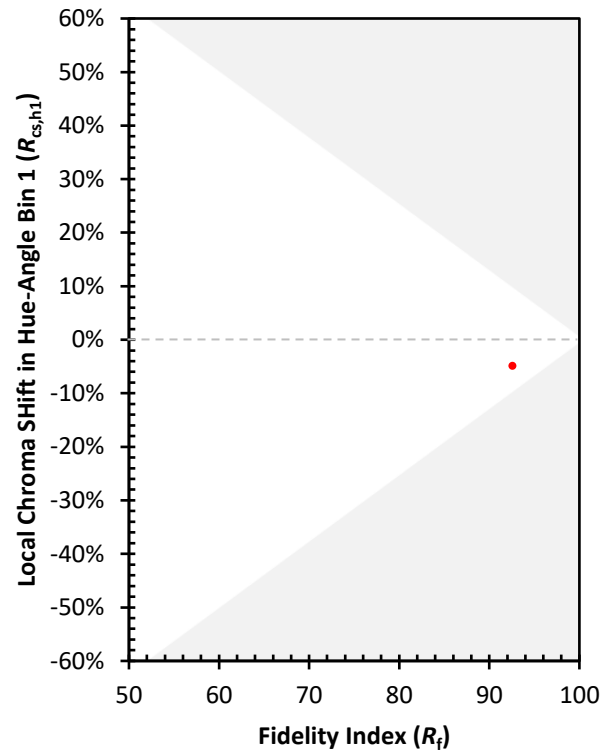
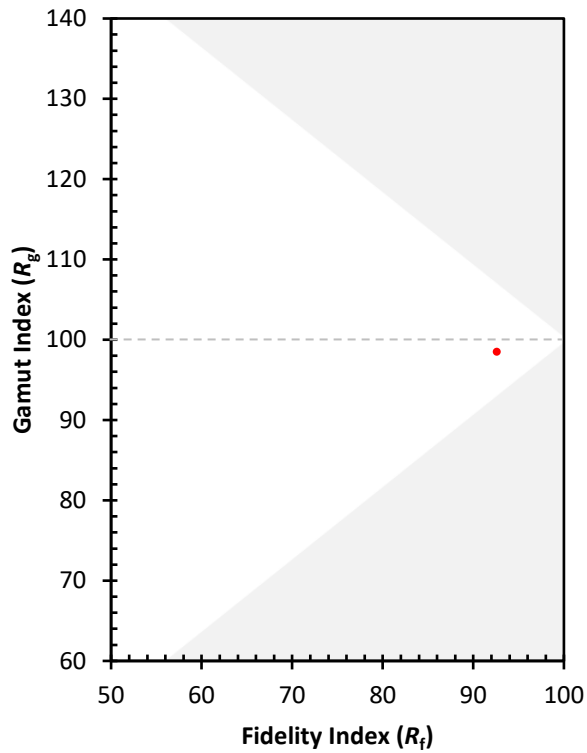
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 42	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 96	CES59 = 97	CES84 = 95
CES10 = 76	CES35 = 97	CES60 = 95	CES85 = 85
CES11 = 59	CES36 = 87	CES61 = 94	CES86 = 84
CES12 = 65	CES37 = 95	CES62 = 92	CES87 = 92
CES13 = 44	CES38 = 93	CES63 = 93	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 86
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 90	CES91 = 82
CES17 = 50	CES42 = 97	CES67 = 89	CES92 = 81
CES18 = 57	CES43 = 97	CES68 = 90	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 92	CES94 = 80
CES20 = 67	CES45 = 99	CES70 = 89	CES95 = 86
CES21 = 86	CES46 = 96	CES71 = 87	CES96 = 92
CES22 = 79	CES47 = 95	CES72 = 95	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 97	CES74 = 93	CES99 = 91
CES25 = 72	CES50 = 98	CES75 = 88	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)