

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: P1049322

Luminaire Tested: **GALN-SA2B-930-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049322
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2B-930-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 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: 5771.4 lumens
Efficiency: N/A
Efficacy: 79.3 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): 72.8
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

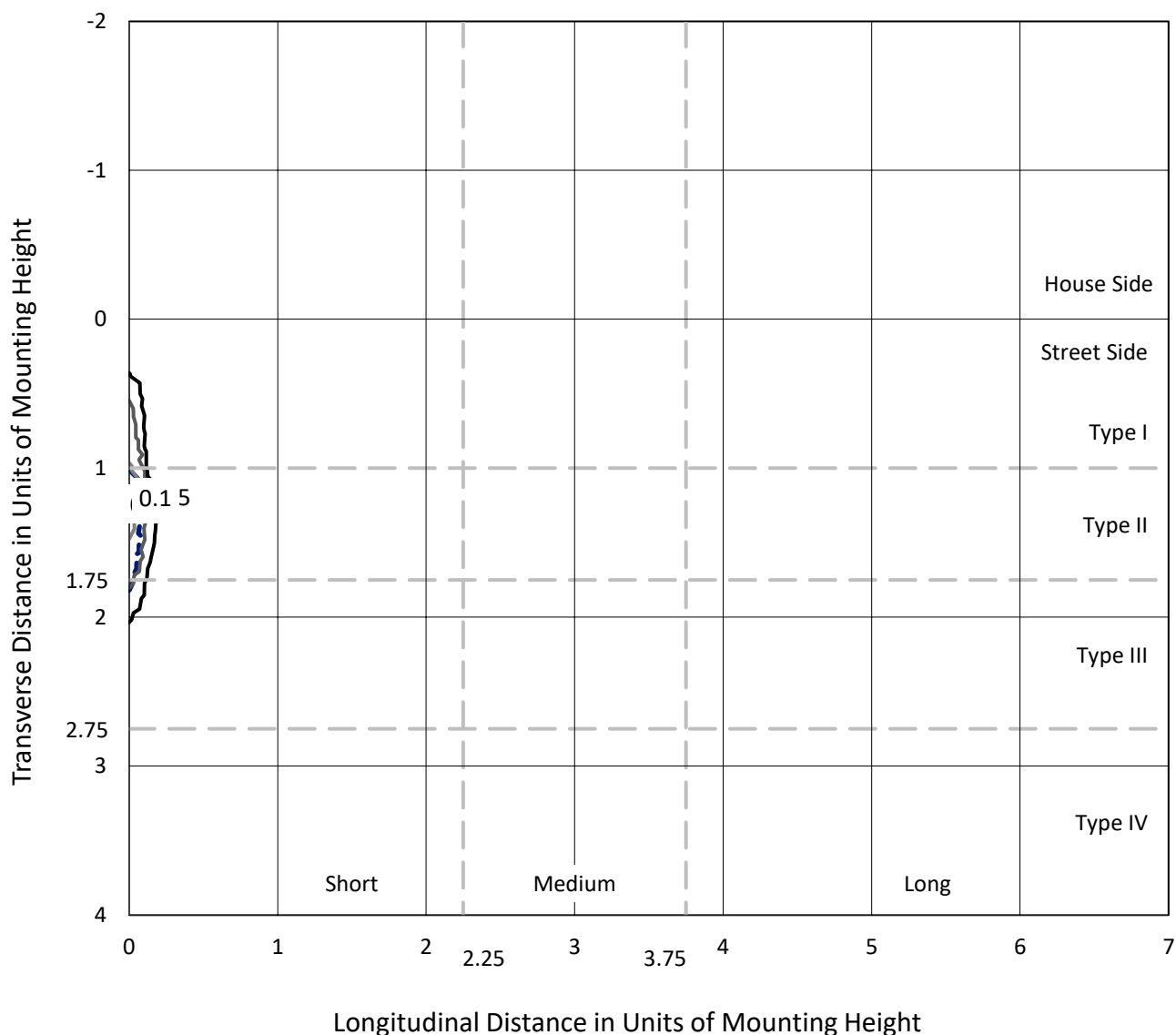
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



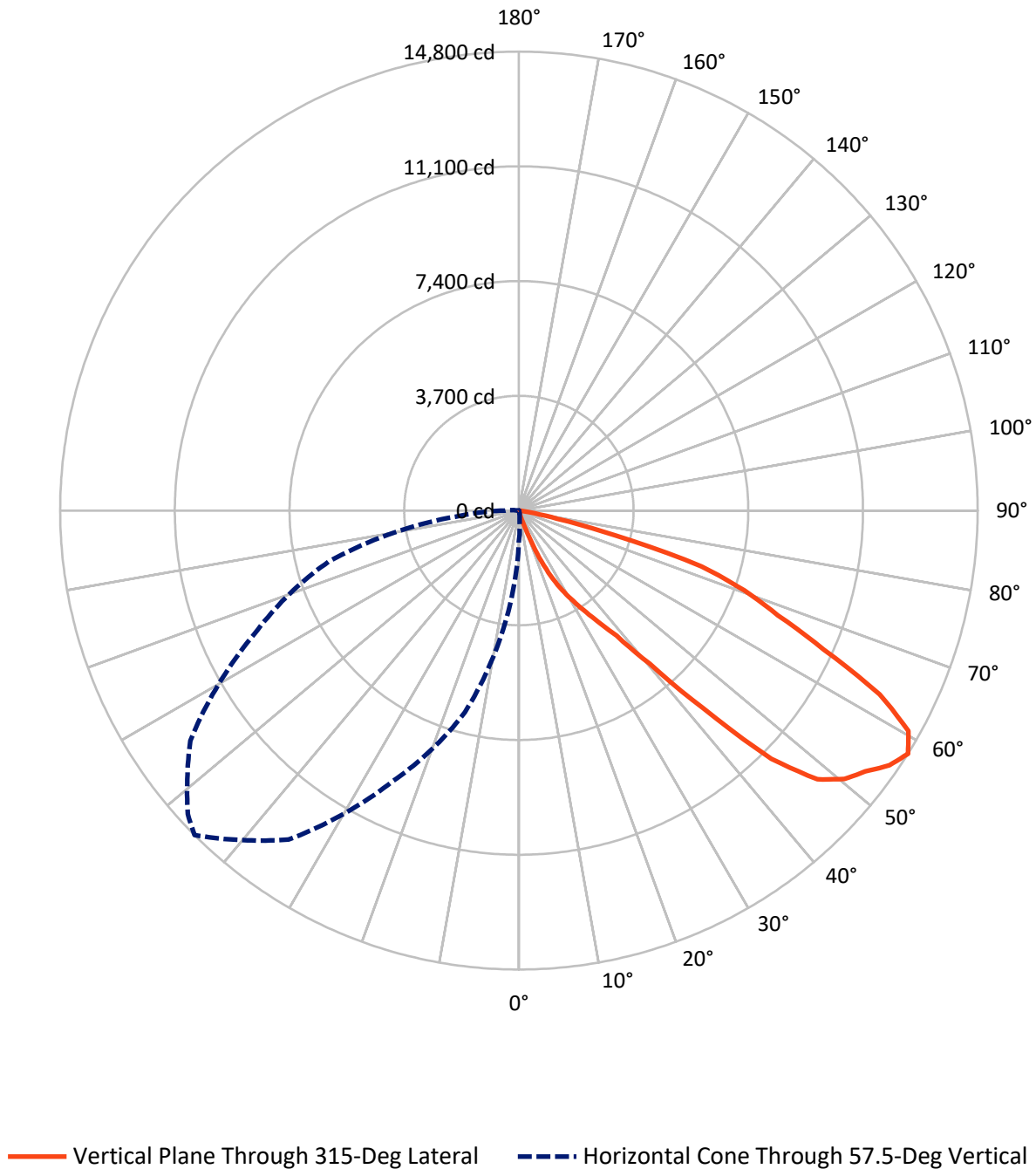
Based on 20 foot mounting height. Maximum calculated value = 0.8 fc

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	28.9	0.0	28.9
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	5742.5	0.0	5742.5
	% Fixture	99.5	0.0	99.5
Total	Lumens	5771.4	0.0	5771.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.3	0.0
10°-20°	12.7	0.2
20°-30°	136.8	2.4
30°-40°	404.5	7.0
40°-50°	1205.4	20.9
50°-60°	1911.4	33.1
60°-70°	1595.5	27.6
70°-80°	492.0	8.5
80°-90°	10.9	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°	5771.4	100.0
0°-180°	5771.4	100.0

Coefficient of Utilization



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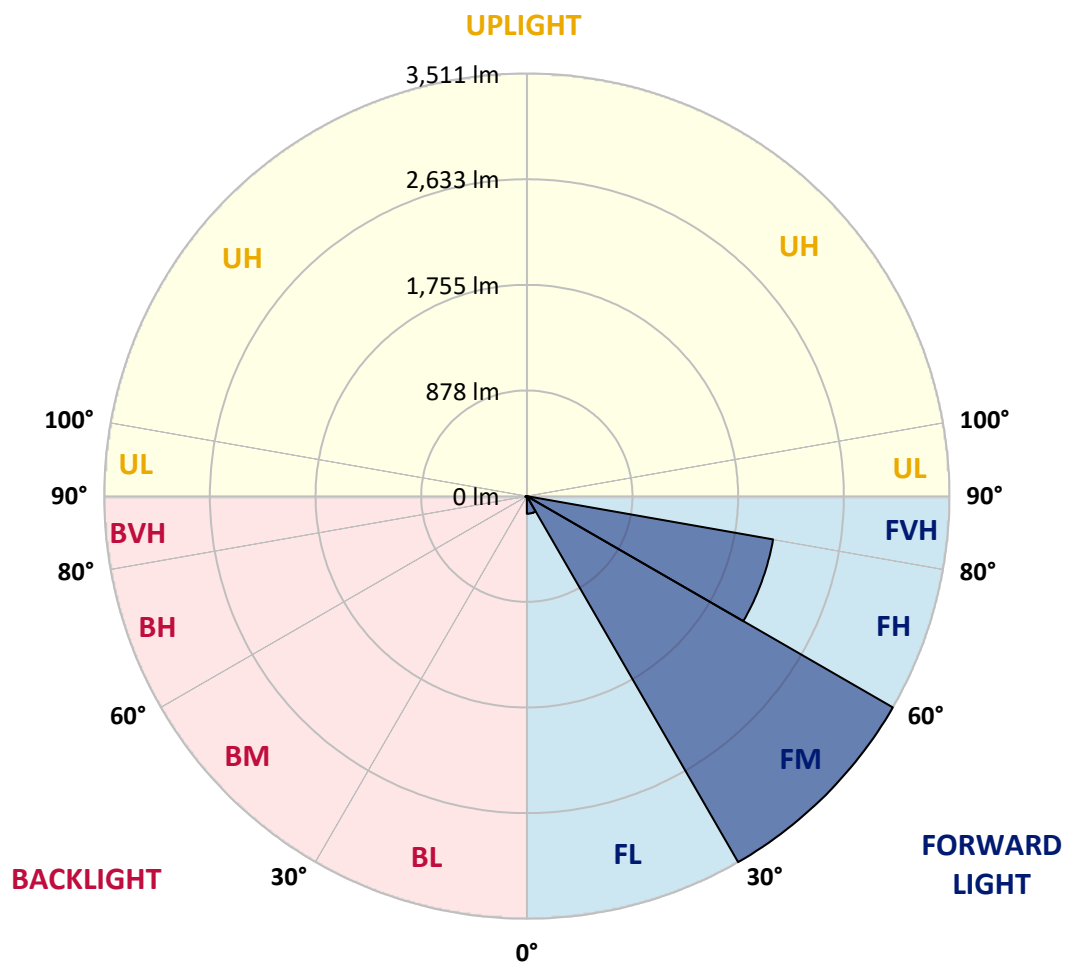
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	146.4	2.5			
FM	(30°-60°)	3510.9	60.8			
FH	(60°-80°)	2076.7	36.0			G2/5000
FVH	(80°-90°)	8.5	0.1			G0/10
BL	(0°-30°)	5.3	0.1	B0/110		
BM	(30°-60°)	10.3	0.2	B0/220		
BH	(60°-80°)	10.8	0.2	B0/110		G0/110
BVH	(80°-90°)	2.5	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°	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
2.5°	23.1	23.1	23.1	23.1	22.7	22.7	22.2	22.2	21.8	21.8
5°	24.4	24.4	24.0	23.6	23.6	23.1	22.7	22.2	22.2	21.8
7.5°	26.6	26.2	25.7	25.3	24.4	24.0	23.1	22.7	22.2	21.4
10°	29.2	28.3	27.5	26.6	25.7	24.9	24.0	23.6	22.7	22.2
12.5°	32.7	31.4	29.7	28.3	27.5	26.2	25.3	24.4	23.1	22.2
15°	35.8	34.0	31.8	30.1	28.8	27.0	25.7	24.4	23.6	22.2
17.5°	40.1	37.1	33.6	31.4	29.7	27.5	25.3	24.0	22.7	20.9
20°	47.5	41.4	34.9	32.3	29.7	27.0	24.4	22.7	21.4	19.6
22.5°	59.3	48.8	38.4	34.5	31.0	27.0	23.6	21.8	20.1	18.3
25°	82.0	63.2	44.5	39.3	34.0	28.8	23.6	21.4	19.6	17.4
27.5°	109.0	81.1	52.8	45.4	38.4	31.0	23.6	20.9	18.8	16.1
30°	136.5	99.4	61.9	52.3	42.7	33.1	23.6	20.5	17.9	14.8
32.5°	162.7	116.4	69.8	58.4	47.1	35.3	24.0	20.5	17.0	13.5
35°	189.3	130.4	71.1	59.3	47.5	35.3	23.6	19.6	16.1	12.2
37.5°	223.3	146.1	68.5	56.7	45.4	33.6	22.2	18.8	15.3	11.3
40°	274.8	172.3	69.8	57.6	45.4	33.1	20.9	17.4	14.4	10.9
42.5°	369.8	222.9	75.5	61.5	47.5	33.1	19.2	16.1	13.5	10.5
45°	639.4	370.3	101.2	80.3	59.3	38.4	17.4	14.8	12.6	10.0
47.5°	1057.6	619.8	181.9	140.4	99.4	58.0	17.0	14.8	12.6	10.0
50°	1349.9	789.4	229.0	176.2	123.4	70.7	17.9	15.3	13.1	10.5
52.5°	1347.7	801.6	255.1	195.8	136.9	77.6	18.8	16.1	14.0	11.3
55°	1198.1	729.2	259.9	199.8	140.0	79.8	20.1	17.4	14.8	12.2
57.5°	1001.4	619.3	237.3	183.6	130.4	76.8	23.1	20.1	17.4	14.4
60°	792.0	488.5	184.9	146.1	107.7	68.9	30.5	26.6	23.1	19.2
62.5°	546.9	354.1	161.4	129.5	98.1	66.3	34.9	31.0	27.5	23.6
65°	386.9	266.5	145.7	118.6	92.0	65.0	37.9	33.6	29.7	25.3
67.5°	289.2	212.0	134.3	111.2	88.1	65.0	41.9	36.6	31.8	26.6
70°	221.6	174.0	126.0	107.3	89.0	70.2	51.5	44.1	37.1	29.7
72.5°	180.6	148.7	116.4	102.9	89.4	75.9	62.4	52.8	43.2	33.1
75°	149.6	127.4	105.1	93.8	82.9	71.5	60.2	51.5	43.2	34.5
77.5°	99.4	90.7	81.6	75.0	68.5	61.5	55.0	47.5	40.6	33.1
80°	34.9	33.6	32.3	34.9	37.5	40.1	42.7	37.5	32.7	27.5
82.5°	5.2	4.8	4.4	4.8	5.2	5.7	6.1	6.5	7.0	7.4
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°	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
0.0	2.5°	21.4	21.4	20.9	20.9	20.9	20.5	20.5	20.1	20.1	20.1
0.0	5°	20.9	20.9	20.5	20.1	19.6	19.6	19.2	18.8	18.8	18.3
0.0	7.5°	20.5	20.1	19.6	19.2	18.8	18.3	17.9	17.4	17.4	17.0
0.0	10°	20.9	20.1	19.6	18.8	18.3	17.9	17.0	16.6	16.1	16.1
0.0	12.5°	20.1	19.6	18.8	17.9	17.4	16.6	16.1	15.3	14.8	14.8
0.0	15°	20.1	19.2	17.9	17.0	16.1	15.7	14.8	14.0	13.5	13.1
0.0	17.5°	18.8	17.9	16.6	15.7	14.8	14.0	13.1	12.2	11.8	11.3
0.0	20°	17.0	16.1	14.8	13.5	12.6	11.8	10.9	10.0	9.6	9.2
0.0	22.5°	15.3	14.4	13.1	11.8	10.9	10.0	8.7	7.9	7.4	6.5
0.0	25°	14.4	13.1	11.8	10.5	9.2	8.3	7.0	5.7	4.8	3.9
0.0	27.5°	12.2	10.9	9.6	8.3	7.0	5.7	4.4	3.1	2.2	1.7
0.0	30°	10.5	9.2	7.9	6.5	4.8	3.5	2.2	0.4	0.4	0.4
0.0	32.5°	8.7	7.4	5.7	4.4	3.5	2.2	1.3	0.0	0.0	0.0
0.0	35°	7.0	5.7	3.9	2.6	2.2	1.3	0.9	0.0	0.0	0.0
0.0	37.5°	6.1	4.8	3.1	1.3	0.9	0.9	0.4	0.0	0.0	0.0
0.0	40°	5.7	3.9	2.2	0.4	0.4	0.4	0.0	0.0	0.0	0.0
0.0	42.5°	5.7	3.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	5.7	3.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	5.7	3.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	6.1	4.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	7.0	5.2	3.5	1.7	1.3	0.9	0.4	0.0	0.0	0.0
0.0	55°	8.7	7.9	6.5	5.7	4.4	3.1	1.3	0.0	0.0	0.0
0.0	57.5°	11.3	11.3	10.9	10.5	7.9	5.2	2.6	0.0	0.0	0.0
0.0	60°	15.3	15.3	15.3	15.3	11.3	7.9	3.9	0.0	0.0	0.0
0.0	62.5°	18.8	17.9	16.6	15.7	11.8	7.9	3.9	0.0	0.0	0.0
0.0	65°	18.8	17.0	14.8	12.6	9.6	6.5	3.1	0.0	0.0	0.0
0.0	67.5°	17.4	14.0	10.0	6.5	4.8	3.5	1.7	0.0	0.0	0.0
	70°	17.4	12.2	7.0	1.7	1.3	0.9	0.4	0.0	0.0	0.0
	72.5°	17.4	11.8	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	19.2	13.1	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	19.2	13.1	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	17.0	11.3	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	5.7	3.9	1.7	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):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
0.0	2.5°	19.6	19.6	19.6	19.2	19.2	19.2	19.2	18.8	18.8	18.8
0.0	5°	17.9	17.9	17.4	17.4	17.0	17.0	16.6	16.6	16.1	16.1
0.0	7.5°	16.6	16.1	16.1	15.7	15.3	15.3	14.8	14.8	14.4	14.0
0.0	10°	15.3	14.8	14.8	14.4	14.0	13.5	13.5	13.1	12.6	12.2
0.0	12.5°	14.0	13.5	13.1	12.6	12.2	11.8	11.8	11.3	10.9	10.5
0.0	15°	12.2	11.8	11.3	10.9	10.5	10.0	10.0	9.6	9.2	8.7
0.0	17.5°	10.5	10.0	10.0	9.6	9.2	8.7	8.3	7.4	7.0	6.5
0.0	20°	7.9	7.4	7.0	6.5	6.1	5.2	4.8	3.9	3.1	2.6
0.0	22.5°	5.2	4.4	3.9	3.1	2.2	1.7	1.3	0.4	0.0	0.0
0.0	25°	1.7	1.3	0.9	0.4	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: P1049322

CATALOG NUMBER: GALN-SA2B-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049322

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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°	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
0.0	2.5°	18.3	18.3	18.3	17.9	17.9	17.9	17.9	17.9	17.9	17.9
0.0	5°	15.7	15.7	15.7	15.3	15.3	14.8	14.8	14.8	14.4	14.4
0.0	7.5°	13.5	13.1	13.1	12.6	12.6	12.2	12.2	12.2	11.8	11.8
0.0	10°	11.3	10.9	10.9	10.5	10.5	10.0	10.0	9.6	9.6	9.2
0.0	12.5°	10.0	9.6	9.2	8.7	8.7	8.3	7.9	7.9	7.4	7.0
0.0	15°	7.9	7.4	7.0	6.5	6.1	5.7	5.2	5.2	4.8	4.4
0.0	17.5°	5.2	4.4	3.9	3.5	3.5	3.1	2.6	2.2	1.7	1.3
0.0	20°	1.3	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049322

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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°	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
0.0	2.5°	17.9	17.4	17.4	17.4	17.9	17.9	17.9	17.9	17.9	17.9
0.0	5°	14.4	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
0.0	7.5°	11.8	11.3	11.3	11.3	11.3	10.9	10.9	10.9	10.9	10.9
0.0	10°	9.2	8.7	8.7	8.7	8.7	8.3	8.3	8.3	8.3	8.3
0.0	12.5°	6.5	6.5	6.1	6.1	6.1	5.7	5.7	5.7	5.7	5.2
0.0	15°	3.9	3.5	3.1	3.1	3.1	2.6	2.6	2.6	2.6	2.2
0.0	17.5°	0.9	0.9	0.4	0.4	0.4	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):

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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°	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
0.0	2.5°	18.3	18.3	18.8	18.8	19.2	20.1	20.5	20.9	21.8	22.7
0.0	5°	14.4	14.8	14.8	15.3	15.7	16.1	16.6	17.0	17.9	18.8
0.0	7.5°	11.3	11.3	11.8	11.8	12.2	13.1	13.5	14.0	14.8	16.1
0.0	10°	8.7	8.7	9.2	9.2	9.6	10.5	10.9	11.3	12.2	13.5
0.0	12.5°	5.7	6.1	6.1	6.5	7.0	7.9	8.3	8.7	9.6	10.5
0.0	15°	2.6	3.1	3.1	3.5	3.9	4.8	5.2	5.7	6.5	7.9
0.0	17.5°	0.4	0.4	0.9	0.9	1.3	1.7	2.2	2.6	3.9	4.8
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.7
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
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):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
0.0	2.5°	24.0	24.9	25.7	26.6	27.5	28.3	28.8	29.7	30.1	30.5
0.0	5°	20.5	21.4	22.7	23.6	24.4	25.3	26.2	26.6	27.0	27.5
0.0	7.5°	17.9	18.8	20.1	20.9	21.8	22.7	23.6	24.4	24.9	25.3
0.0	10°	15.3	16.6	17.4	18.8	19.6	20.5	21.4	22.2	23.1	23.6
0.0	12.5°	12.2	13.5	14.8	15.7	17.0	18.3	19.2	20.1	20.9	21.8
0.0	15°	9.6	10.9	12.2	13.1	14.4	15.7	17.0	17.9	18.8	19.6
0.0	17.5°	7.0	8.3	9.6	10.5	11.8	13.1	14.0	15.3	16.1	17.0
0.0	20°	3.5	4.8	6.1	7.4	8.7	10.0	10.9	12.2	13.1	14.0
0.0	22.5°	0.4	1.7	3.1	3.9	5.2	6.5	7.4	8.7	9.6	10.5
0.0	25°	0.0	0.4	1.3	1.7	2.2	3.1	3.9	4.8	5.7	6.5
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.7	2.6	3.5
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
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	0.4
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.9
	85°	0.0	0.0	0.0	0.0	0.0	0.9	1.3	2.2	2.6	3.1
	87.5°	0.0	0.4	0.9	1.3	1.7	2.6	3.5	4.4	4.8	5.2
	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: P1049322

CATALOG NUMBER: GALN-SA2B-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
25.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	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											
0.4											
1.7											
3.9											
5.7											
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REPORT NUMBER: P1049322

CATALOG NUMBER: GALN-SA2B-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°	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
0.0	2.5°	31.0	31.0	31.0	31.0	30.5	30.5	30.5	30.1	30.1	29.7
0.0	5°	28.3	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.3	28.3
0.0	7.5°	26.2	26.6	27.0	27.0	27.5	27.5	27.5	27.0	27.0	26.6
0.0	10°	24.9	25.3	25.3	25.7	25.7	25.7	25.7	25.7	25.7	25.7
0.0	12.5°	23.1	23.6	24.0	24.0	24.4	24.4	24.4	24.4	24.0	24.0
0.0	15°	20.9	21.8	22.2	22.7	22.7	23.1	23.1	23.1	23.1	23.1
0.0	17.5°	19.2	20.1	20.5	20.9	20.9	21.4	21.4	21.8	21.8	21.8
0.0	20°	15.7	16.6	17.0	17.9	18.3	18.8	19.2	19.6	19.6	20.1
0.0	22.5°	12.2	13.1	13.5	14.4	14.8	15.3	15.7	16.1	16.6	17.0
0.0	25°	8.7	9.6	10.0	10.9	11.3	11.8	12.2	12.6	12.6	13.1
0.0	27.5°	4.8	5.7	6.5	7.0	7.9	8.3	8.7	9.2	9.6	10.0
0.0	30°	2.2	2.6	3.1	3.9	4.4	4.8	5.2	6.1	6.5	7.0
0.0	32.5°	0.0	0.0	0.4	1.3	1.7	2.2	2.6	3.1	3.1	3.5
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.3	1.7
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°	0.9	0.9	0.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	82.5°	2.2	2.6	3.1	3.1	3.5	3.5	3.5	3.5	3.1	3.1
	85°	4.4	4.8	5.2	5.2	5.7	5.7	5.7	5.7	5.7	5.7
	87.5°	6.1	6.5	7.0	7.0	7.4	7.4	7.4	7.4	7.4	7.4
	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: P1049322

CATALOG NUMBER: GALN-SA2B-930-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
25.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
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1.3											
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REPORT NUMBER: P1049322

CATALOG NUMBER: GALN-SA2B-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°	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
0.0	2.5°	29.2	29.2	28.8	28.8	28.8	28.8	28.8	29.2	29.7	29.7
0.0	5°	27.9	27.9	27.5	27.5	27.5	27.9	27.9	28.3	28.8	29.2
0.0	7.5°	26.6	26.2	26.2	26.6	26.6	27.0	27.0	27.5	27.9	28.3
0.0	10°	25.7	25.3	25.3	25.3	25.7	25.7	26.2	26.6	27.0	27.5
0.0	12.5°	24.0	24.0	24.0	24.0	24.4	24.4	24.9	25.3	26.2	26.6
0.0	15°	23.1	22.7	22.7	22.7	22.7	23.1	23.1	24.0	24.9	25.3
0.0	17.5°	21.4	21.4	20.9	20.9	21.4	21.4	21.8	22.7	23.6	24.0
0.0	20°	19.6	19.2	18.8	18.8	19.2	19.2	19.6	20.5	21.4	21.8
0.0	22.5°	17.0	16.6	16.6	16.6	16.6	17.0	17.0	17.9	19.2	20.1
0.0	25°	13.5	14.0	14.0	14.4	14.4	14.8	15.3	16.1	17.4	18.3
0.0	27.5°	10.5	10.9	10.9	11.8	12.2	12.6	13.1	14.4	15.7	16.6
0.0	30°	7.9	8.3	8.7	9.2	10.0	10.9	11.8	13.1	14.4	15.3
0.0	32.5°	4.8	5.7	6.1	7.0	7.9	8.7	9.6	10.9	12.6	14.0
0.0	35°	3.5	3.9	4.8	5.2	6.1	7.0	7.9	9.6	10.9	12.6
0.0	37.5°	1.7	2.6	3.5	4.4	5.2	6.1	7.0	8.7	10.5	11.8
0.0	40°	1.3	2.2	2.6	3.5	4.8	5.7	6.5	8.3	10.0	11.8
0.0	42.5°	0.9	1.3	1.7	3.1	3.9	5.2	6.5	8.3	10.0	11.8
0.0	45°	0.9	0.9	1.3	2.6	3.9	5.7	7.0	8.7	10.0	11.8
0.0	47.5°	0.9	1.3	1.7	3.5	4.4	5.7	7.0	8.3	10.0	11.3
0.0	50°	1.3	1.7	2.2	3.9	4.8	6.1	7.0	8.7	10.0	11.8
0.0	52.5°	0.9	1.3	1.7	3.5	4.8	6.5	7.9	9.6	11.3	12.6
0.0	55°	0.4	0.4	0.4	2.6	5.2	7.4	10.0	11.3	13.1	14.4
0.0	57.5°	0.0	0.0	0.0	1.7	5.2	8.3	11.3	13.1	14.8	16.1
0.0	60°	0.0	0.0	0.0	1.7	5.2	8.3	11.3	13.5	15.7	17.9
0.0	62.5°	0.0	0.0	0.0	1.7	4.4	7.0	9.6	13.1	17.0	20.5
0.0	65°	0.0	0.0	0.0	1.3	3.5	5.7	7.9	13.1	18.3	23.1
0.0	67.5°	0.0	0.0	0.0	1.3	3.5	5.2	7.4	13.1	18.3	24.0
	70°	0.0	0.0	0.0	1.3	3.5	5.7	7.9	13.1	18.3	23.6
	72.5°	0.0	0.0	0.0	1.3	3.9	6.1	8.7	13.1	17.4	21.8
	75°	0.0	0.0	0.0	1.7	3.9	6.5	9.2	13.1	17.0	20.5
	77.5°	0.0	0.0	0.0	1.3	3.9	6.1	8.7	12.6	16.6	20.1
	80°	1.3	0.9	0.9	2.2	3.9	5.7	7.4	11.3	15.7	19.6
	82.5°	2.6	2.6	2.2	3.1	3.9	5.2	6.5	10.0	14.0	17.4
	85°	5.2	5.2	4.8	5.2	5.2	5.7	6.1	7.9	9.6	11.3
	87.5°	7.0	7.0	6.5	6.5	6.5	6.1	6.1	6.1	6.1	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: P1049322

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
25.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.8											
26.2											
24.4											
24.0											
23.6											
20.9											
13.1											
5.7											
0.0											
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REPORT NUMBER: P1049322

CATALOG NUMBER: GALN-SA2B-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°	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
0.0	2.5°	30.5	31.0	31.0	31.4	31.8	32.3	32.3	32.7	32.7	32.7
0.0	5°	30.1	31.0	31.4	31.8	32.3	32.7	33.1	33.6	34.0	34.0
0.0	7.5°	29.7	30.1	31.0	31.4	32.3	32.7	33.6	34.0	34.5	34.9
0.0	10°	28.8	29.7	30.5	31.4	32.3	33.1	34.0	34.9	35.8	36.2
0.0	12.5°	27.9	29.2	30.1	31.0	32.3	33.6	34.5	35.8	36.6	37.5
0.0	15°	27.5	28.3	29.7	30.5	32.3	34.0	35.3	37.1	38.8	40.1
0.0	17.5°	26.2	27.9	29.2	30.5	32.3	34.5	36.2	37.9	40.6	43.2
0.0	20°	24.4	25.7	27.5	28.8	31.4	33.6	36.2	38.4	42.3	46.2
0.0	22.5°	22.7	24.4	25.7	27.5	30.5	33.1	36.2	38.8	45.4	51.5
0.0	25°	20.9	23.1	24.9	26.6	30.1	33.6	37.1	40.6	51.5	62.4
0.0	27.5°	20.1	21.8	24.0	25.7	30.1	34.9	39.3	43.6	61.1	78.1
0.0	30°	18.8	20.9	22.7	24.9	30.5	36.2	41.9	47.5	74.1	100.7
0.0	32.5°	17.4	19.6	21.8	24.0	31.4	38.8	45.8	53.2	88.1	122.6
0.0	35°	16.1	18.8	20.9	23.1	32.7	42.7	52.3	61.9	100.7	139.1
0.0	37.5°	15.7	18.3	20.5	22.7	33.1	43.2	53.6	63.7	102.1	140.4
0.0	40°	16.1	18.3	20.9	23.1	31.8	40.6	48.8	57.6	97.7	137.4
0.0	42.5°	16.1	18.8	21.4	24.0	31.0	37.9	44.9	51.9	96.4	140.9
0.0	45°	15.7	18.3	20.9	23.6	30.1	36.2	42.7	48.8	104.2	159.2
0.0	47.5°	15.3	17.9	20.5	23.1	29.7	36.2	42.7	49.3	134.8	219.8
0.0	50°	15.3	17.9	20.1	22.2	30.1	38.4	46.2	54.1	196.3	338.0
0.0	52.5°	16.1	18.3	20.1	21.8	31.0	40.6	49.7	58.9	249.5	439.6
0.0	55°	17.4	18.8	20.5	21.8	33.1	44.1	55.4	66.3	265.6	464.9
0.0	57.5°	19.2	20.5	21.8	23.1	37.1	51.0	64.5	78.5	266.9	454.9
0.0	60°	21.4	23.1	24.4	25.7	40.6	55.8	70.7	85.5	241.6	397.3
0.0	62.5°	26.2	28.3	30.1	32.3	46.7	60.6	75.0	89.0	200.6	312.3
0.0	65°	30.1	31.8	33.6	35.3	49.3	63.7	77.6	91.6	170.1	248.6
0.0	67.5°	31.0	32.7	34.0	35.8	50.2	64.5	78.5	92.9	145.7	198.0
	70°	31.4	33.6	36.2	38.4	53.2	68.0	82.4	97.3	129.1	160.9
	72.5°	30.1	34.5	38.4	42.3	56.3	69.8	83.7	97.3	119.9	142.6
	75°	30.1	36.2	41.9	47.5	58.0	68.0	78.5	88.5	106.0	123.4
	77.5°	31.8	39.7	47.5	55.4	61.5	67.2	73.3	78.9	90.3	101.6
	80°	31.8	40.1	48.0	56.3	58.9	61.9	64.5	67.2	68.5	69.8
	82.5°	27.5	34.0	40.6	47.1	44.1	41.0	37.9	34.9	32.7	30.1
	85°	14.0	15.3	16.1	17.0	15.7	14.4	13.1	11.8	10.9	9.6
	87.5°	5.7	5.7	5.2	5.2	5.2	5.2	4.8	4.8	4.8	4.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049322

CATALOG NUMBER: GALN-SA2B-930-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
25.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.1	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
42.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
218.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
248.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
270.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
292.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
336.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
423.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
645.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
988.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1244.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1273.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1148.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
982.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
767.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
428.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
303.1											
225.5											
164.0											
123.4											
69.3											
31.4											
9.2											
4.4											
0.0											
0.0											
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REPORT NUMBER: P1049322

CATALOG NUMBER: GALN-SA2B-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°	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
0.0	2.5°	32.7	32.3	32.3	31.8	31.4	31.0	30.5	30.1	29.7	29.2
0.0	5°	34.0	34.0	34.0	33.6	33.6	33.1	33.1	32.7	32.3	31.8
0.0	7.5°	35.3	35.8	35.8	36.2	36.2	36.2	36.2	35.8	35.8	35.8
0.0	10°	37.5	37.9	38.4	38.8	39.3	39.7	39.7	40.1	40.1	40.1
0.0	12.5°	40.1	41.4	42.3	43.6	44.5	45.8	46.7	48.0	48.8	49.7
0.0	15°	44.1	46.2	48.8	51.0	53.2	56.3	59.8	62.8	65.9	70.7
0.0	17.5°	49.7	56.7	63.7	70.2	77.2	92.5	107.7	122.6	137.8	160.1
0.0	20°	60.6	81.6	102.1	123.0	143.5	197.1	250.3	304.0	357.2	414.3
0.0	22.5°	85.0	136.5	188.0	239.4	290.9	403.0	514.6	626.7	738.4	869.7
0.0	25°	123.4	218.1	312.7	406.9	501.6	676.9	852.7	1028.0	1203.3	1373.8
0.0	27.5°	179.7	324.5	469.3	613.7	758.5	996.1	1234.3	1472.0	1709.7	1902.5
0.0	30°	249.0	445.3	641.6	837.8	1034.1	1304.5	1574.9	1844.9	2115.3	2325.9
0.0	32.5°	314.5	554.8	795.1	1035.0	1275.3	1583.2	1891.5	2199.5	2507.4	2737.7
0.0	35°	357.2	647.7	938.6	1229.0	1519.5	1852.7	2185.9	2518.7	2851.9	3114.9
0.0	37.5°	399.9	735.3	1070.3	1405.7	1740.6	2106.6	2472.5	2838.4	3204.3	3529.3
0.0	40°	447.9	841.3	1234.3	1627.7	2020.6	2454.2	2887.3	3320.8	3753.9	4212.3
0.0	42.5°	531.2	1017.1	1503.4	1989.2	2475.1	3048.6	3622.2	4195.2	4768.8	5423.0
0.0	45°	687.8	1372.5	2057.7	2742.5	3427.2	4187.0	4947.2	5706.9	6466.7	7337.2
0.0	47.5°	1071.2	2013.2	2954.9	3896.9	4838.6	5658.9	6478.9	7299.3	8119.2	8986.3
0.0	50°	1639.0	2735.5	3831.9	4928.0	6024.4	6766.7	7508.6	8250.9	8992.8	9817.6
0.0	52.5°	2049.9	3192.1	4334.8	5477.1	6619.3	7289.2	7959.6	8629.5	9299.4	10070.1
0.0	55°	2080.8	3216.5	4352.7	5488.4	6624.1	7297.1	7970.1	8643.0	9316.0	10132.9
0.0	57.5°	1842.3	2968.8	4094.9	5221.5	6347.6	7113.9	7879.8	8646.1	9411.9	10295.1
0.0	60°	1567.1	2694.0	3820.6	4947.6	6074.1	6956.9	7840.1	8722.8	9605.6	10433.0
0.0	62.5°	1222.5	2381.8	3541.5	4700.7	5860.0	6756.3	7652.5	8548.4	9444.7	10065.3
0.0	65°	911.1	2036.8	3162.5	4287.7	5413.4	6131.3	6849.2	7566.6	8284.5	8668.8
0.0	67.5°	658.6	1629.4	2599.8	3570.7	4541.1	5054.9	5568.7	6082.0	6595.8	6889.7
	70°	445.3	1117.8	1789.9	2462.5	3134.6	3556.7	3979.4	4401.5	4823.7	5220.6
	72.5°	308.4	686.1	1064.2	1441.9	1819.6	2244.4	2668.8	3093.6	3517.9	3937.9
	75°	204.6	376.4	548.7	720.5	892.3	1206.8	1521.7	1836.2	2150.6	2401.0
	77.5°	145.2	196.7	248.6	300.1	351.5	410.4	469.7	528.6	587.5	676.9
	80°	68.9	75.5	82.0	88.1	94.6	116.0	137.4	158.8	180.1	202.8
	82.5°	32.7	35.3	37.9	40.1	42.7	44.9	47.1	49.3	51.5	49.3
	85°	8.7	8.7	9.2	9.2	9.2	9.2	9.2	9.2	9.2	8.7
	87.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.5	3.5	3.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
25.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
181.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
471.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1544.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2095.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2537.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2968.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3377.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3854.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4670.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6077.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8207.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9853.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10642.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10840.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10950.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11178.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11259.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10686.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9053.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7184.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5617.1											
4357.9											
2651.3											
766.3											
225.5											
46.7											
8.3											
3.1											
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°	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
0.0	2.5°	28.3	27.9	27.5	27.0	26.6	25.7	25.7	25.3	25.3
0.0	5°	31.0	30.5	30.1	29.7	29.7	29.2	28.8	28.8	28.3
0.0	7.5°	35.3	34.9	34.5	34.0	34.0	33.6	33.6	33.1	33.1
0.0	10°	40.6	40.6	40.6	40.6	40.6	40.1	40.1	40.1	39.7
0.0	12.5°	51.0	51.5	52.3	53.2	54.5	54.5	54.5	54.1	54.1
0.0	15°	80.7	85.5	89.0	92.5	95.5	102.5	101.6	100.3	99.4
0.0	17.5°	204.1	225.9	237.7	249.0	260.8	293.1	287.9	282.6	277.8
0.0	20°	529.0	586.2	624.1	662.1	700.4	761.1	746.2	731.4	716.6
0.0	22.5°	1131.8	1263.1	1320.2	1377.3	1434.0	1507.3	1459.8	1412.2	1365.1
0.0	25°	1714.5	1885.0	1981.4	2077.8	2173.7	2215.6	2153.7	2091.3	2029.4
0.0	27.5°	2288.0	2480.8	2565.8	2650.4	2735.5	2823.1	2746.4	2669.2	2592.4
0.0	30°	2747.7	2958.4	3050.4	3142.0	3234.0	3295.1	3215.7	3135.9	3056.5
0.0	32.5°	3198.7	3428.9	3529.7	3630.4	3730.8	3818.4	3720.7	3622.6	3524.9
0.0	35°	3640.5	3903.5	4042.2	4180.9	4319.5	4401.1	4285.1	4168.6	4052.6
0.0	37.5°	4179.5	4504.5	4659.7	4815.0	4970.3	5119.0	4991.2	4863.0	4735.2
0.0	40°	5129.0	5587.4	5825.5	6064.1	6302.3	6494.2	6332.8	6171.4	6010.0
0.0	42.5°	6731.4	7385.6	7728.0	8069.9	8412.3	8711.9	8542.3	8372.6	8203.0
0.0	45°	9078.3	9948.8	10366.2	10783.2	11200.6	11419.5	11175.3	10930.6	10686.3
0.0	47.5°	10719.9	11587.0	11958.6	12330.2	12701.8	12951.7	12652.9	12354.2	12055.8
0.0	50°	11466.6	12291.4	12664.3	13036.7	13409.6	13608.1	13263.1	12917.7	12572.7
0.0	52.5°	11611.0	12381.6	12826.5	13271.8	13716.7	13981.8	13574.5	13166.7	12759.3
0.0	55°	11767.1	12584.0	13100.0	13616.4	14132.3	14499.5	14039.0	13578.0	13117.4
0.0	57.5°	12061.1	12944.3	13458.9	13973.1	14487.8	14799.6	14337.7	13875.4	13413.5
0.0	60°	12087.2	12914.2	13356.4	13799.1	14241.3	14437.6	13995.8	13553.5	13111.7
0.0	62.5°	11307.0	11927.6	12234.7	12541.7	12848.7	13062.0	12601.0	12139.6	11678.6
0.0	65°	9437.7	9821.9	10066.6	10311.3	10555.9	10810.2	10388.0	9965.8	9543.7
0.0	67.5°	7478.1	7772.0	8094.4	8416.7	8739.0	9010.7	8672.7	8334.2	7996.2
	70°	6014.0	6410.4	6772.8	7135.3	7497.7	7720.1	7380.8	7041.1	6701.8
	72.5°	4777.9	5197.9	5500.6	5802.9	6105.6	6160.1	5910.6	5661.1	5412.1
	75°	2901.2	3151.6	3157.7	3163.3	3169.4	3221.3	3014.6	2807.9	2601.6
	77.5°	855.7	945.1	1018.8	1092.1	1165.8	1254.8	1178.9	1102.6	1026.7
	80°	247.7	270.4	289.6	308.4	327.5	316.2	298.3	280.4	262.6
	82.5°	44.5	41.9	41.4	41.0	41.0	38.8	35.3	31.8	28.3
	85°	7.9	7.4	7.0	6.5	6.1	5.7	4.8	4.4	3.5
	87.5°	2.6	2.2	1.7	1.3	1.3	0.4	0.4	0.4	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: P1049322

CATALOG NUMBER: GALN-SA2B-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°	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
0.0	0.0	2.5°	24.9	24.4	24.4	24.4	24.4	24.0	24.0	24.0	24.0
0.0	0.0	5°	27.5	27.5	27.0	27.0	26.6	26.6	26.2	26.2	25.7
0.0	0.0	7.5°	32.3	31.8	31.4	31.0	30.5	29.7	29.2	28.8	28.8
0.0	0.0	10°	38.8	37.9	37.5	36.6	36.2	35.3	34.5	33.6	32.7
0.0	0.0	12.5°	51.0	49.3	48.0	46.2	44.5	43.2	41.4	40.1	38.4
0.0	0.0	15°	88.5	84.2	79.4	73.7	67.6	61.9	55.8	52.3	48.4
0.0	0.0	17.5°	226.4	203.7	180.6	161.8	143.1	124.7	106.0	92.5	78.9
0.0	0.0	20°	576.1	513.3	450.5	388.6	326.2	264.3	201.9	170.5	139.1
0.0	0.0	22.5°	1084.2	967.8	850.9	738.0	624.6	511.6	398.6	327.5	256.9
0.0	0.0	25°	1673.5	1526.9	1380.4	1194.6	1008.4	822.6	636.8	521.2	405.6
0.0	0.0	27.5°	2177.7	2008.9	1840.1	1614.2	1388.2	1162.3	936.4	764.1	592.3
0.0	0.0	30°	2614.2	2432.8	2251.4	1988.4	1725.4	1462.4	1199.4	983.9	768.5
0.0	0.0	32.5°	2992.8	2775.6	2558.4	2287.1	2015.8	1744.6	1473.3	1209.0	944.7
0.0	0.0	35°	3429.4	3176.0	2922.2	2621.2	2319.8	2018.9	1718.0	1419.6	1120.9
0.0	0.0	37.5°	3984.2	3673.2	3361.8	3026.4	2691.0	2356.0	2020.6	1679.6	1338.5
0.0	0.0	40°	5046.2	4644.9	4243.7	3817.6	3391.0	2964.9	2538.8	2120.1	1701.4
0.0	0.0	42.5°	6949.0	6406.9	5864.8	5297.8	4730.4	4163.4	3596.0	3005.5	2414.5
0.0	0.0	45°	9096.6	8424.1	7751.1	7114.8	6478.0	5841.7	5205.4	4395.0	3584.7
0.0	0.0	47.5°	10304.3	9578.1	8851.9	8249.6	7647.3	7045.0	6442.7	5569.1	4695.5
0.0	0.0	50°	10748.7	10009.5	9270.2	8715.9	8161.1	7606.8	7052.0	6177.1	5301.7
0.0	0.0	52.5°	10843.4	10089.3	9335.2	8777.4	8219.5	7662.1	7104.3	6235.1	5365.9
0.0	0.0	55°	11037.9	10228.8	9419.4	8783.5	8147.6	7511.7	6875.8	5992.6	5109.4
0.0	0.0	57.5°	11292.2	10462.6	9633.1	8908.6	8184.2	7460.2	6735.8	5770.2	4804.5
0.0	0.0	60°	11225.4	10503.6	9781.4	9005.5	8229.1	7453.2	6676.9	5614.9	4552.4
0.0	0.0	62.5°	10067.0	9492.2	8916.9	8278.8	7640.3	7002.3	6364.2	5270.8	4177.4
0.0	0.0	65°	8281.9	7862.3	7442.8	6929.4	6415.6	5902.3	5389.0	4408.5	3428.5
0.0	0.0	67.5°	6712.2	6239.4	5766.2	5357.1	4947.6	4538.5	4129.0	3357.4	2585.9
		70°	5332.7	4818.5	4303.8	3904.3	3504.4	3104.9	2705.4	2192.5	1680.0
		72.5°	4234.9	3771.3	3307.7	2881.6	2455.0	2028.9	1602.4	1299.3	996.1
		75°	2024.1	1838.8	1653.4	1430.5	1207.7	984.8	761.9	629.8	498.1
		77.5°	750.2	650.3	550.0	459.3	368.5	278.3	187.5	171.8	156.1
		80°	194.1	169.2	143.9	126.0	107.7	89.8	72.0	65.0	58.4
		82.5°	22.2	20.5	19.2	18.3	17.0	16.1	14.8	13.5	12.2
		85°	1.3	0.9	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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CATALOG NUMBER: GALN-SA2B-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049322

CATALOG NUMBER: GALN-SA2B-930-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	25.3	25.3
0.0	0.0	2.5°	23.6	23.1
0.0	0.0	5°	24.9	24.4
0.0	0.0	7.5°	27.5	26.6
0.0	0.0	10°	30.1	29.2
0.0	0.0	12.5°	34.0	32.7
0.0	0.0	15°	38.4	35.8
0.0	0.0	17.5°	45.8	40.1
0.0	0.0	20°	61.9	47.5
0.0	0.0	22.5°	87.2	59.3
0.0	0.0	25°	128.2	82.0
0.0	0.0	27.5°	178.4	109.0
0.0	0.0	30°	237.3	136.5
0.0	0.0	32.5°	289.2	162.7
0.0	0.0	35°	356.8	189.3
0.0	0.0	37.5°	440.1	223.3
0.0	0.0	40°	569.2	274.8
0.0	0.0	42.5°	801.6	369.8
0.0	0.0	45°	1301.9	639.4
0.0	0.0	47.5°	2003.2	1057.6
0.0	0.0	50°	2450.7	1349.9
0.0	0.0	52.5°	2487.3	1347.7
0.0	0.0	55°	2270.6	1198.1
0.0	0.0	57.5°	1937.3	1001.4
0.0	0.0	60°	1610.2	792.0
0.0	0.0	62.5°	1268.7	546.9
0.0	0.0	65°	927.2	386.9
0.0	0.0	67.5°	666.0	289.2
		70°	437.9	221.6
		72.5°	285.2	180.6
		75°	191.9	149.6
		77.5°	112.1	99.4
		80°	39.7	34.9
		82.5°	7.4	5.2
		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: P1049322

CATALOG NUMBER: GALN-SA2B-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

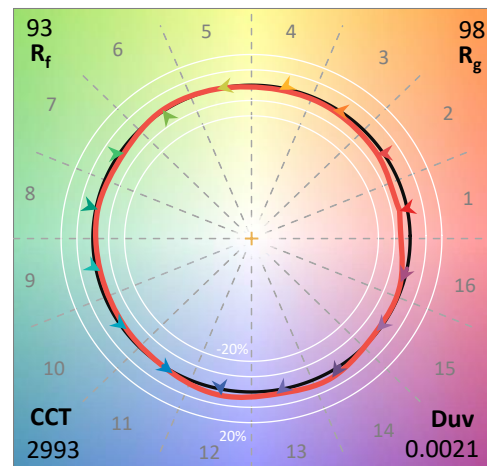
Test Information

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

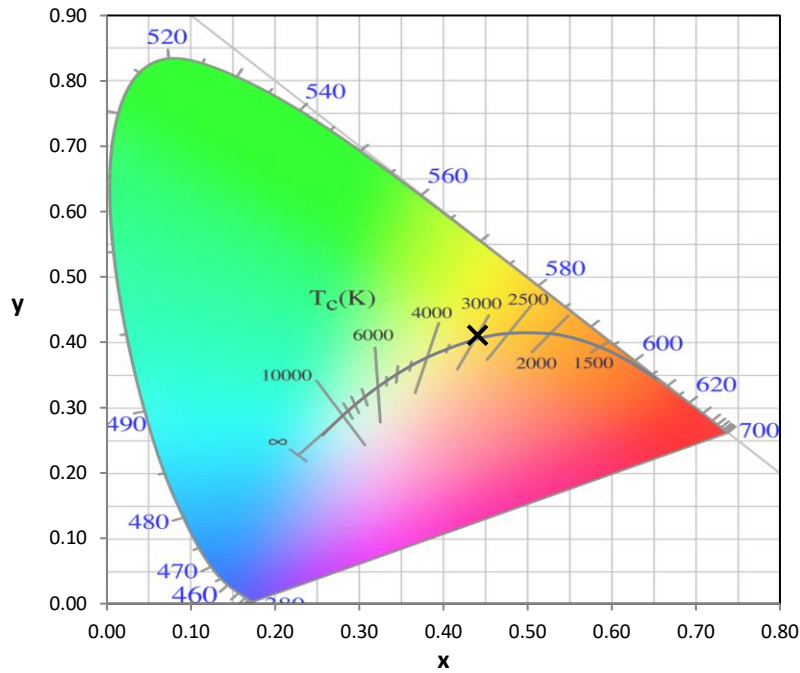
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-14

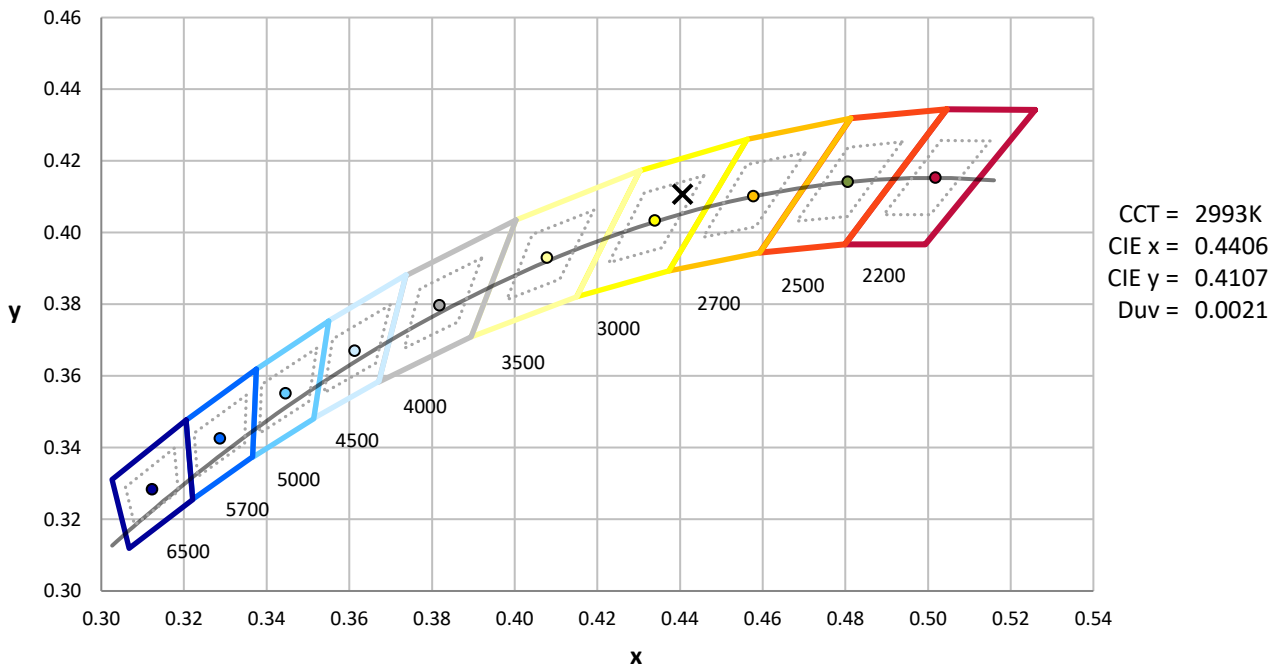
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



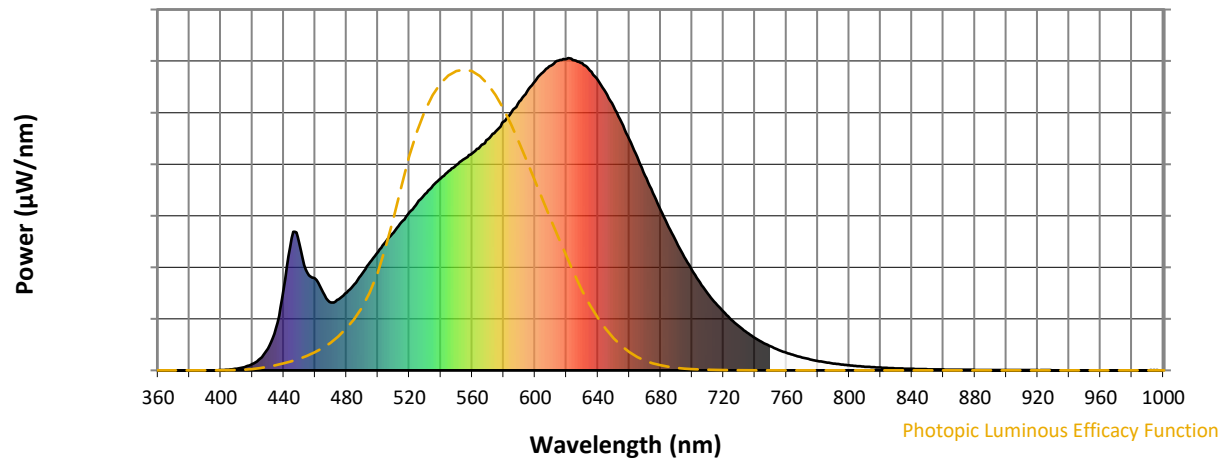
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

Photopic Flux vs. Wavelength

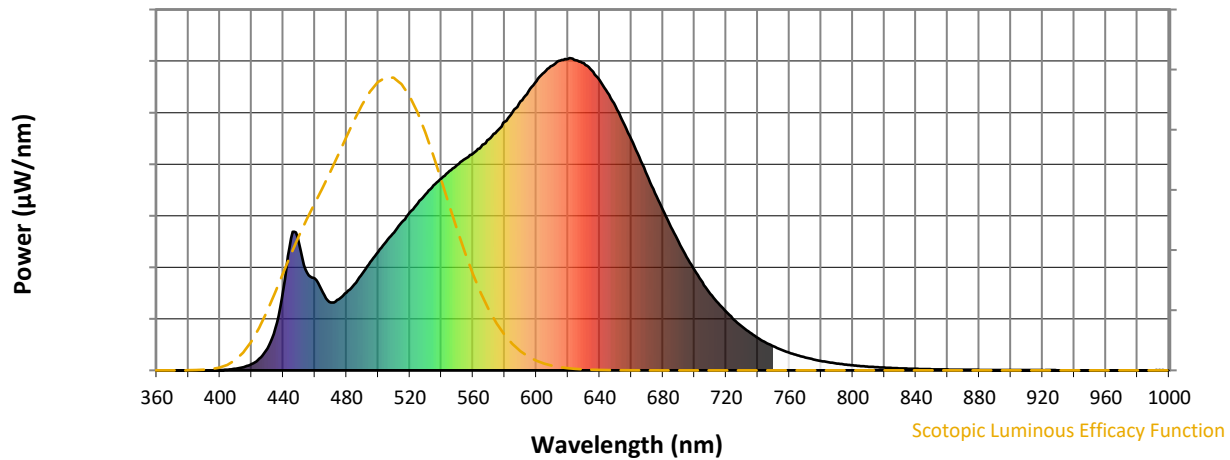


Photopic Lumens: NR

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



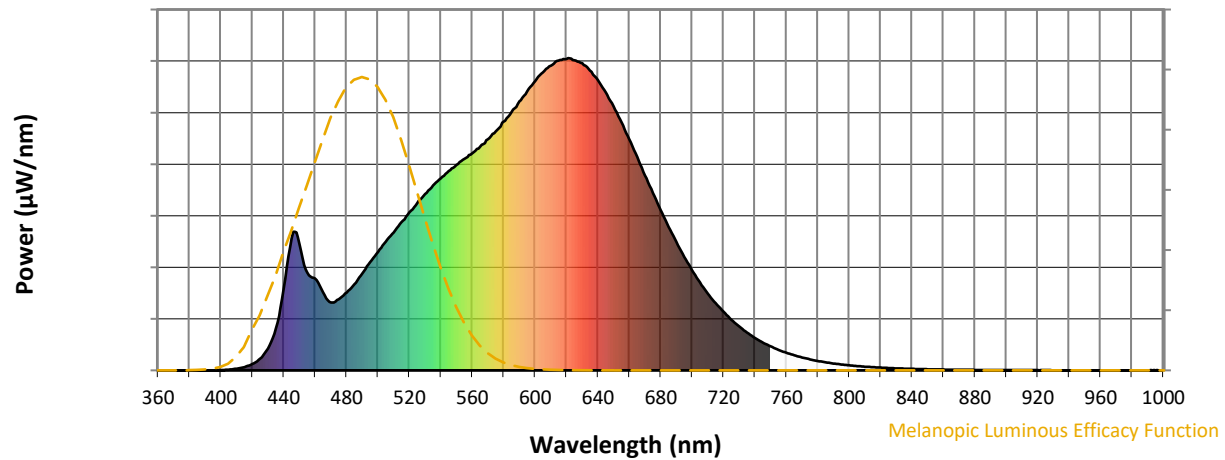
Scotopic Lumens: NR

S/P: 1.39

λ (nm)	Power 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			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.69

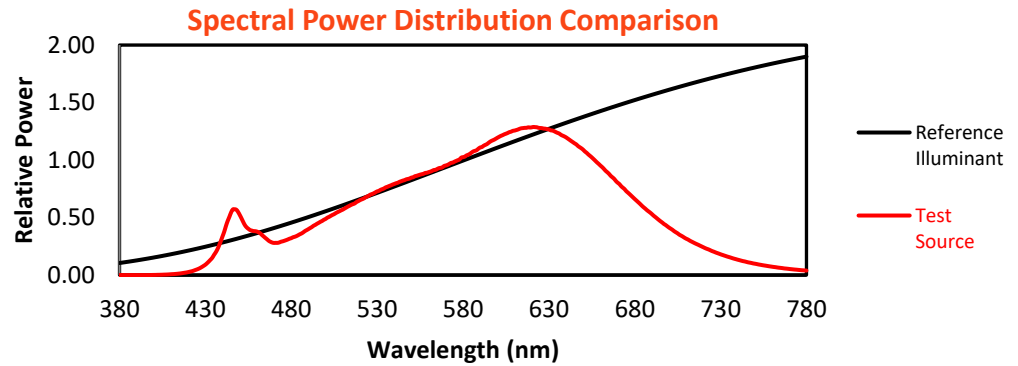
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310	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

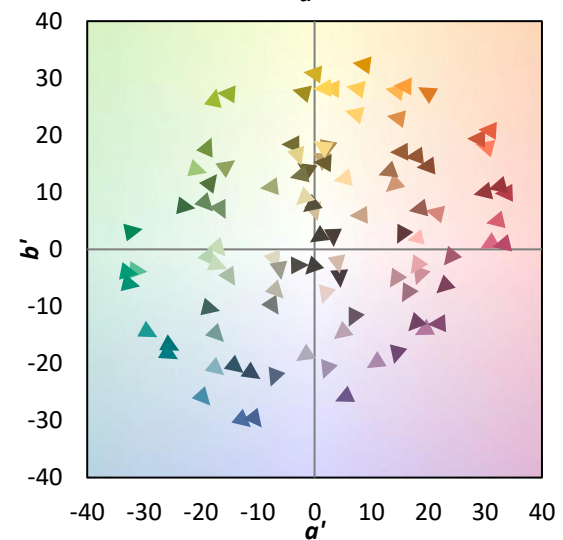
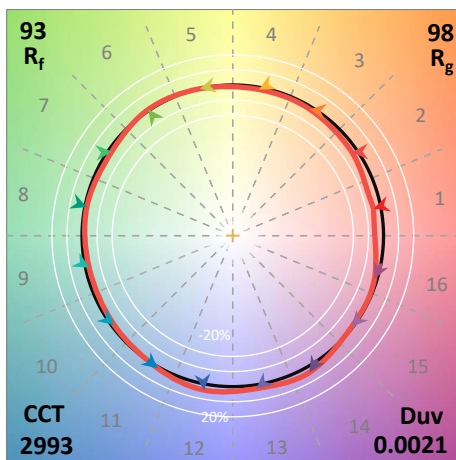
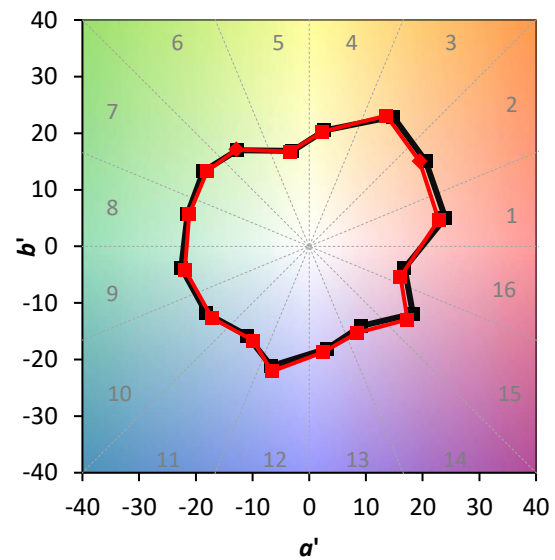
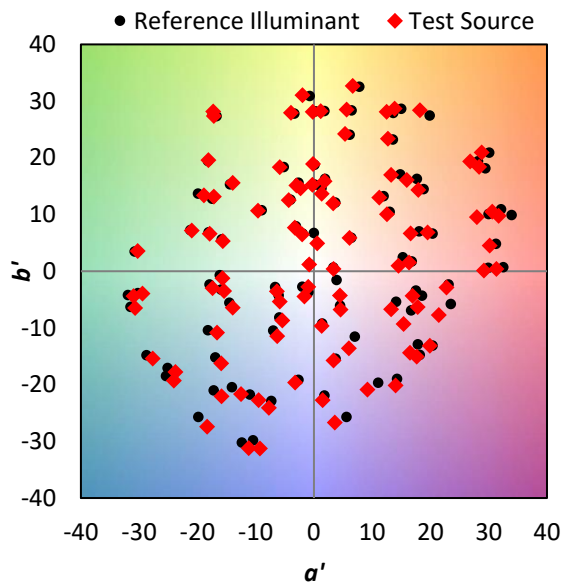
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98.5$
 $\text{CIE } R_a = 92.4$
 $R_9 = 58.2$

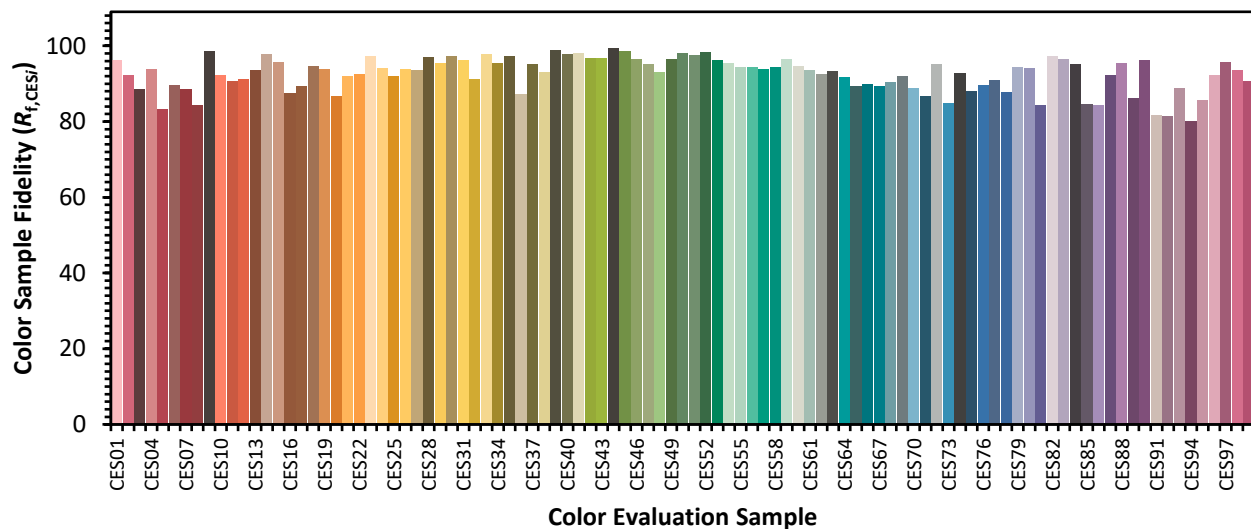


Color Vector Graphics

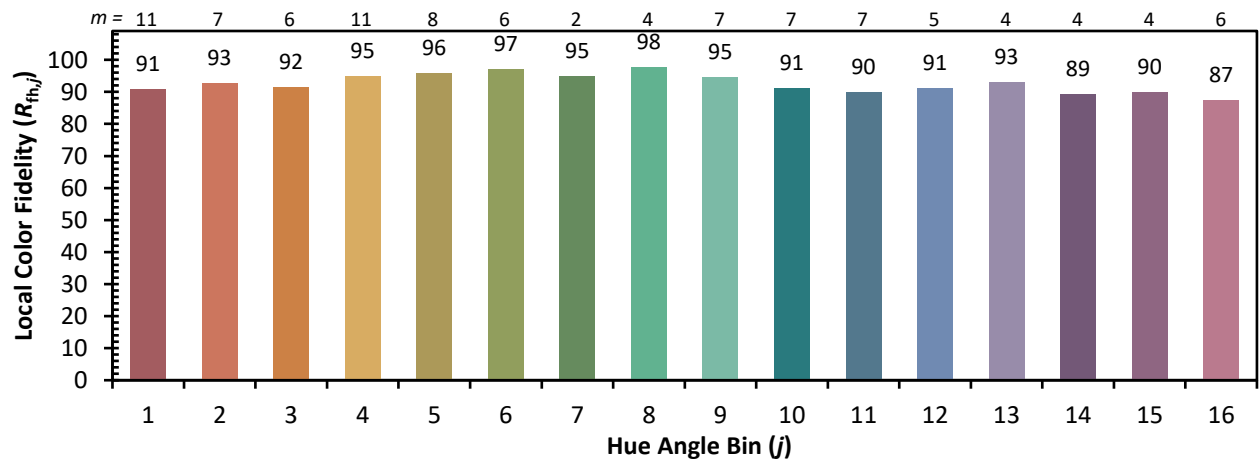
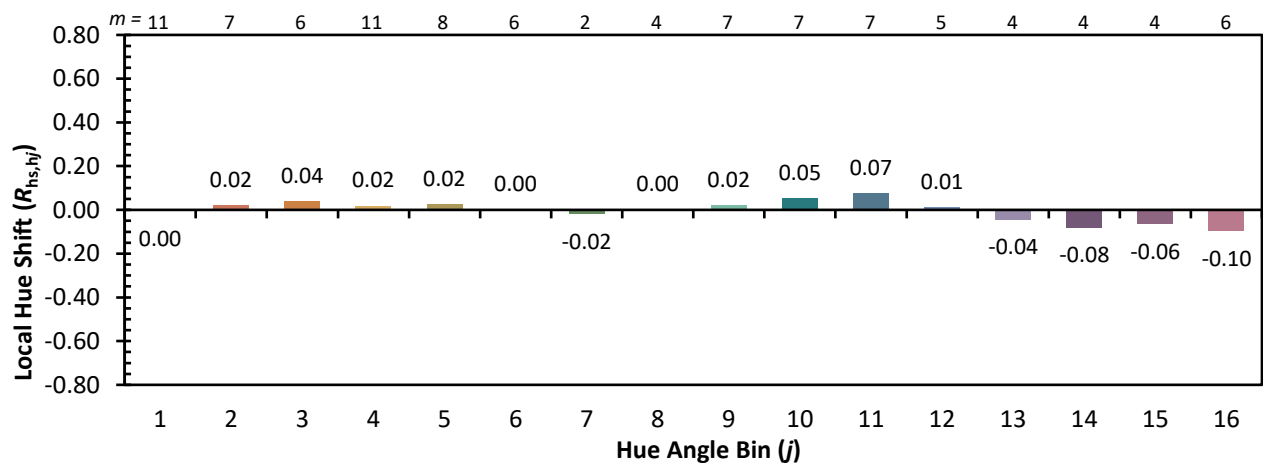
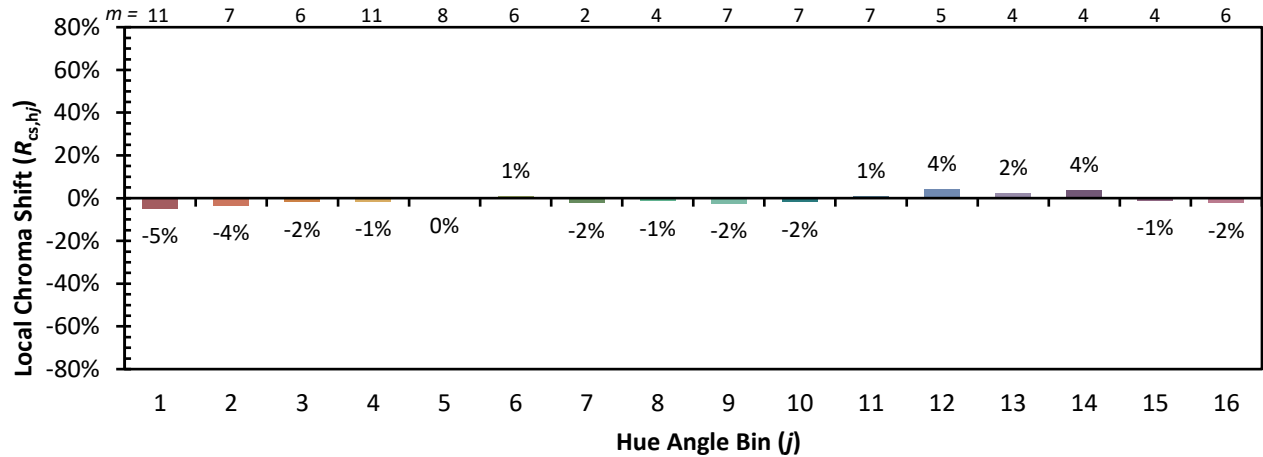


Individual Sample Fidelity Index ($R_{f,i}$)

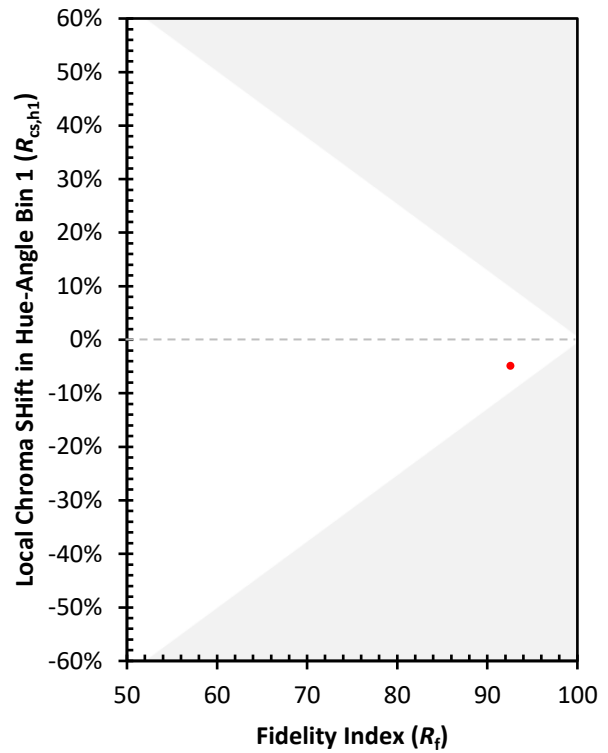
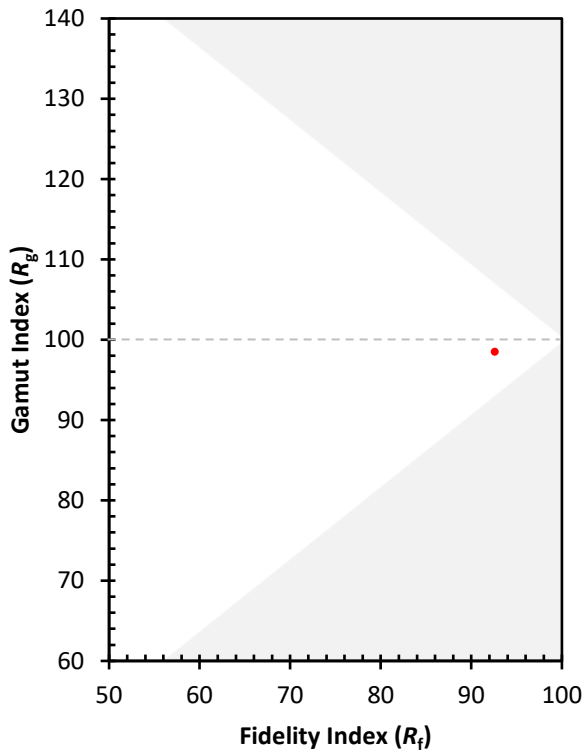
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 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)