

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: P1048961

Luminaire Tested: **GALN-SA2A-730-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1048961
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2A-730-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
70CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6482 lumens
Efficiency: N/A
Efficacy: 116.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

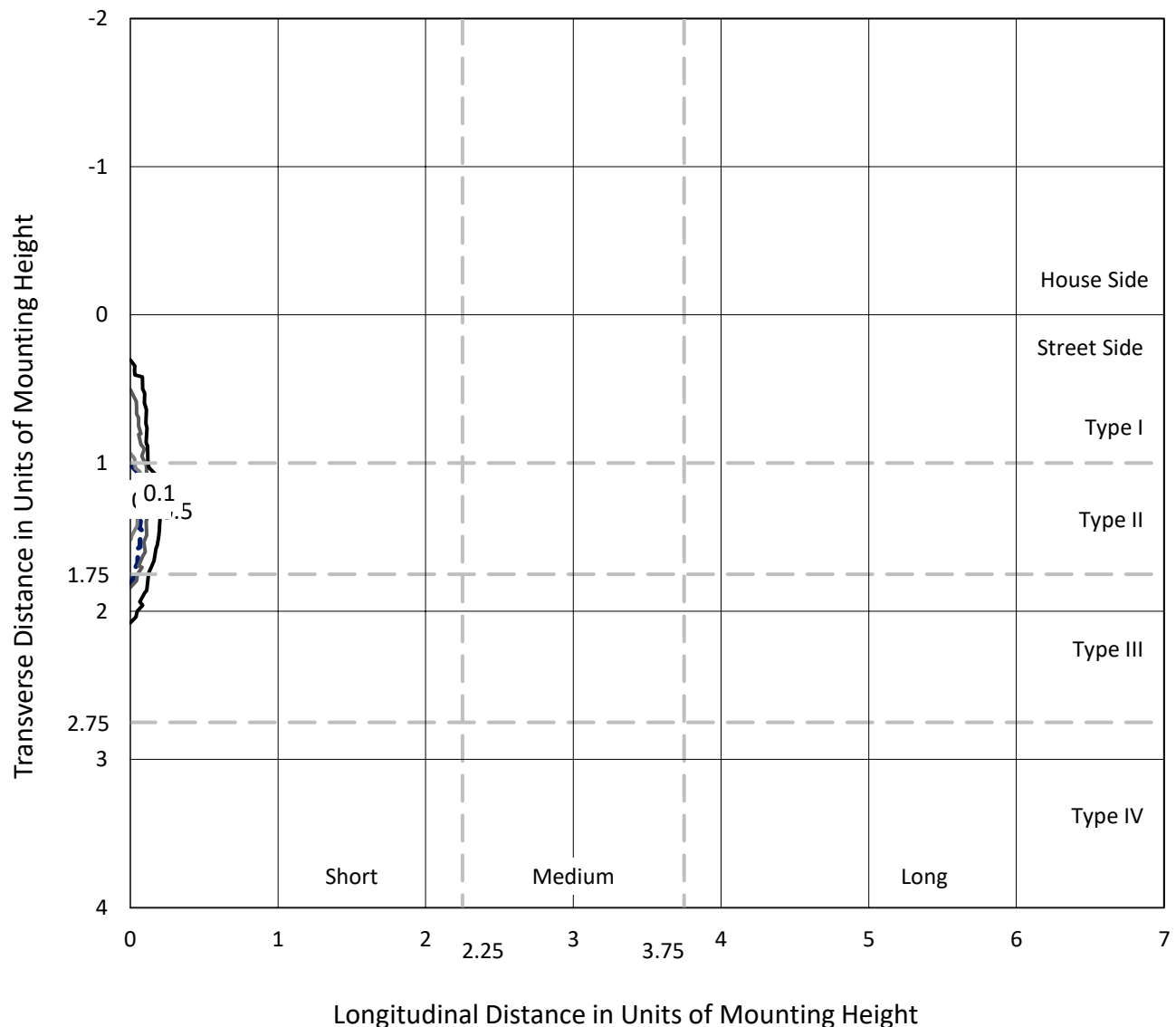
Input Watts (W): 55.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

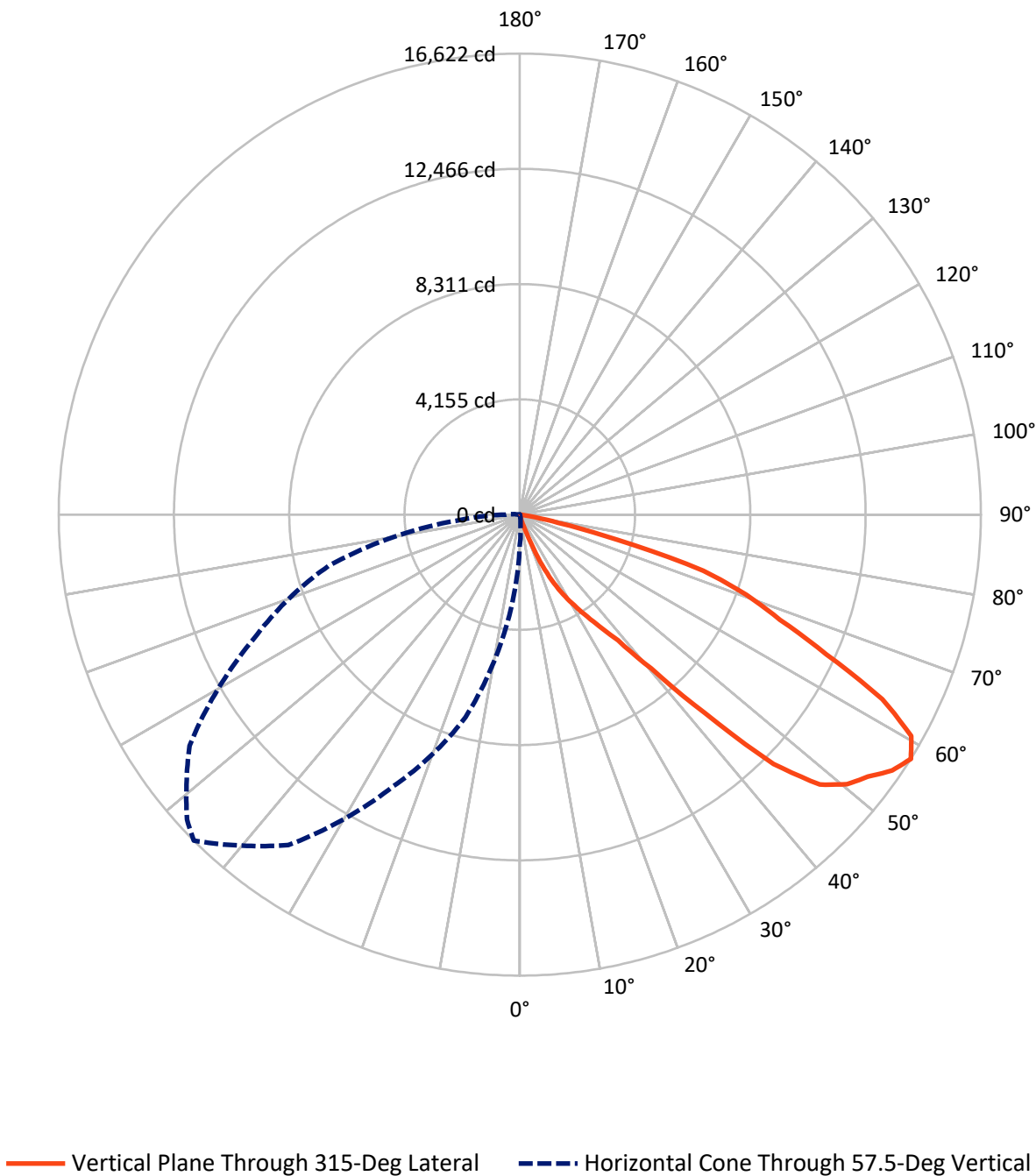
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 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	32.5	0.0	32.5
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	6449.6	0.0	6449.6
	% Fixture	99.5	0.0	99.5
Total	Lumens	6482.0	0.0	6482.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.5	0.0
10°-20°	14.2	0.2
20°-30°	153.6	2.4
30°-40°	454.3	7.0
40°-50°	1353.8	20.9
50°-60°	2146.7	33.1
60°-70°	1792.0	27.6
70°-80°	552.6	8.5
80°-90°	12.3	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°	6482.0	100.0
0°-180°	6482.0	100.0



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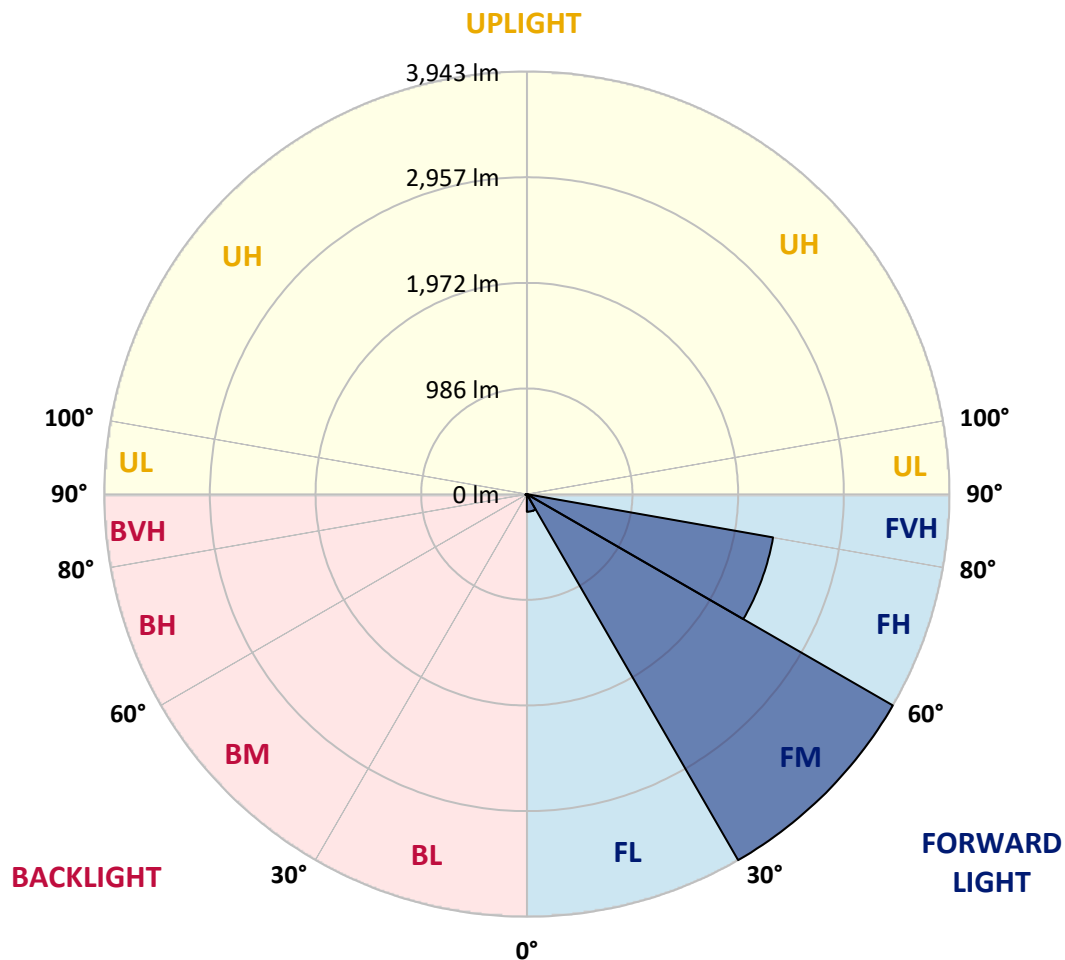
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	164.4	2.5			
FM	(30°-60°)	3943.2	60.8			
FH	(60°-80°)	2332.4	36.0			G2/5000
FVH	(80°-90°)	9.5	0.1			G0/10
BL	(0°-30°)	6.0	0.1	B0/110		
BM	(30°-60°)	11.6	0.2	B0/220		
BH	(60°-80°)	12.1	0.2	B0/110		G0/110
BVH	(80°-90°)	2.8	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°	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
2.5°	26.0	26.0	26.0	26.0	25.5	25.5	25.0	25.0	24.5	24.5
5°	27.4	27.4	26.9	26.5	26.5	26.0	25.5	25.0	25.0	24.5
7.5°	29.9	29.4	28.9	28.4	27.4	26.9	26.0	25.5	25.0	24.0
10°	32.8	31.8	30.9	29.9	28.9	27.9	26.9	26.5	25.5	25.0
12.5°	36.7	35.3	33.3	31.8	30.9	29.4	28.4	27.4	26.0	25.0
15°	40.2	38.2	35.8	33.8	32.3	30.4	28.9	27.4	26.5	25.0
17.5°	45.1	41.6	37.7	35.3	33.3	30.9	28.4	26.9	25.5	23.5
20°	53.4	46.5	39.2	36.2	33.3	30.4	27.4	25.5	24.0	22.0
22.5°	66.6	54.9	43.1	38.7	34.8	30.4	26.5	24.5	22.5	20.6
25°	92.1	71.0	50.0	44.1	38.2	32.3	26.5	24.0	22.0	19.6
27.5°	122.5	91.1	59.3	50.9	43.1	34.8	26.5	23.5	21.1	18.1
30°	153.3	111.7	69.6	58.8	48.0	37.2	26.5	23.0	20.1	16.7
32.5°	182.7	130.8	78.4	65.6	52.9	39.7	26.9	23.0	19.1	15.2
35°	212.6	146.5	79.8	66.6	53.4	39.7	26.5	22.0	18.1	13.7
37.5°	250.8	164.1	76.9	63.7	50.9	37.7	25.0	21.1	17.1	12.7
40°	308.6	193.5	78.4	64.7	50.9	37.2	23.5	19.6	16.2	12.2
42.5°	415.4	250.3	84.7	69.1	53.4	37.2	21.6	18.1	15.2	11.8
45°	718.1	415.9	113.6	90.1	66.6	43.1	19.6	16.7	14.2	11.3
47.5°	1187.9	696.1	204.3	157.7	111.7	65.1	19.1	16.7	14.2	11.3
50°	1516.1	886.6	257.2	197.9	138.6	79.4	20.1	17.1	14.7	11.8
52.5°	1513.6	900.3	286.6	219.9	153.8	87.2	21.1	18.1	15.7	12.7
55°	1345.6	819.0	291.9	224.3	157.2	89.6	22.5	19.6	16.7	13.7
57.5°	1124.7	695.6	266.5	206.2	146.5	86.2	26.0	22.5	19.6	16.2
60°	889.5	548.6	207.7	164.1	121.0	77.4	34.3	29.9	26.0	21.6
62.5°	614.3	397.8	181.2	145.5	110.2	74.5	39.2	34.8	30.9	26.5
65°	434.5	299.3	163.6	133.2	103.4	73.0	42.6	37.7	33.3	28.4
67.5°	324.8	238.1	150.9	124.9	98.9	73.0	47.0	41.1	35.8	29.9
70°	248.8	195.4	141.6	120.5	99.9	78.9	57.8	49.5	41.6	33.3
72.5°	202.8	167.0	130.8	115.6	100.4	85.2	70.0	59.3	48.5	37.2
75°	168.0	143.0	118.1	105.3	93.1	80.3	67.6	57.8	48.5	38.7
77.5°	111.7	101.9	91.6	84.3	76.9	69.1	61.7	53.4	45.6	37.2
80°	39.2	37.7	36.2	39.2	42.1	45.1	48.0	42.1	36.7	30.9
82.5°	5.9	5.4	4.9	5.4	5.9	6.4	6.9	7.3	7.8	8.3
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°	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
0.0	2.5°	24.0	24.0	23.5	23.5	23.5	23.0	23.0	22.5	22.5	22.5
0.0	5°	23.5	23.5	23.0	22.5	22.0	22.0	21.6	21.1	21.1	20.6
0.0	7.5°	23.0	22.5	22.0	21.6	21.1	20.6	20.1	19.6	19.6	19.1
0.0	10°	23.5	22.5	22.0	21.1	20.6	20.1	19.1	18.6	18.1	18.1
0.0	12.5°	22.5	22.0	21.1	20.1	19.6	18.6	18.1	17.1	16.7	16.7
0.0	15°	22.5	21.6	20.1	19.1	18.1	17.6	16.7	15.7	15.2	14.7
0.0	17.5°	21.1	20.1	18.6	17.6	16.7	15.7	14.7	13.7	13.2	12.7
0.0	20°	19.1	18.1	16.7	15.2	14.2	13.2	12.2	11.3	10.8	10.3
0.0	22.5°	17.1	16.2	14.7	13.2	12.2	11.3	9.8	8.8	8.3	7.3
0.0	25°	16.2	14.7	13.2	11.8	10.3	9.3	7.8	6.4	5.4	4.4
0.0	27.5°	13.7	12.2	10.8	9.3	7.8	6.4	4.9	3.4	2.4	2.0
0.0	30°	11.8	10.3	8.8	7.3	5.4	3.9	2.4	0.5	0.5	0.5
0.0	32.5°	9.8	8.3	6.4	4.9	3.9	2.4	1.5	0.0	0.0	0.0
0.0	35°	7.8	6.4	4.4	2.9	2.4	1.5	1.0	0.0	0.0	0.0
0.0	37.5°	6.9	5.4	3.4	1.5	1.0	1.0	0.5	0.0	0.0	0.0
0.0	40°	6.4	4.4	2.4	0.5	0.5	0.5	0.0	0.0	0.0	0.0
0.0	42.5°	6.4	4.4	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	6.4	4.4	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	6.4	4.4	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	6.9	4.9	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	7.8	5.9	3.9	2.0	1.5	1.0	0.5	0.0	0.0	0.0
0.0	55°	9.8	8.8	7.3	6.4	4.9	3.4	1.5	0.0	0.0	0.0
0.0	57.5°	12.7	12.7	12.2	11.8	8.8	5.9	2.9	0.0	0.0	0.0
0.0	60°	17.1	17.1	17.1	17.1	12.7	8.8	4.4	0.0	0.0	0.0
0.0	62.5°	21.1	20.1	18.6	17.6	13.2	8.8	4.4	0.0	0.0	0.0
0.0	65°	21.1	19.1	16.7	14.2	10.8	7.3	3.4	0.0	0.0	0.0
0.0	67.5°	19.6	15.7	11.3	7.3	5.4	3.9	2.0	0.0	0.0	0.0
	70°	19.6	13.7	7.8	2.0	1.5	1.0	0.5	0.0	0.0	0.0
	72.5°	19.6	13.2	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	21.6	14.7	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	21.6	14.7	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	19.1	12.7	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	6.4	4.4	2.0	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):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
0.0	2.5°	22.0	22.0	22.0	21.6	21.6	21.6	21.6	21.1	21.1	21.1
0.0	5°	20.1	20.1	19.6	19.6	19.1	19.1	18.6	18.6	18.1	18.1
0.0	7.5°	18.6	18.1	18.1	17.6	17.1	17.1	16.7	16.7	16.2	15.7
0.0	10°	17.1	16.7	16.7	16.2	15.7	15.2	15.2	14.7	14.2	13.7
0.0	12.5°	15.7	15.2	14.7	14.2	13.7	13.2	13.2	12.7	12.2	11.8
0.0	15°	13.7	13.2	12.7	12.2	11.8	11.3	11.3	10.8	10.3	9.8
0.0	17.5°	11.8	11.3	11.3	10.8	10.3	9.8	9.3	8.3	7.8	7.3
0.0	20°	8.8	8.3	7.8	7.3	6.9	5.9	5.4	4.4	3.4	2.9
0.0	22.5°	5.9	4.9	4.4	3.4	2.4	2.0	1.5	0.5	0.0	0.0
0.0	25°	2.0	1.5	1.0	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: P1048961

CATALOG NUMBER: GALN-SA2A-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048961

CATALOG NUMBER: GALN-SA2A-730-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
0.0	2.5°	20.6	20.6	20.6	20.1	20.1	20.1	20.1	20.1	20.1	20.1
0.0	5°	17.6	17.6	17.6	17.1	17.1	16.7	16.7	16.7	16.2	16.2
0.0	7.5°	15.2	14.7	14.7	14.2	14.2	13.7	13.7	13.7	13.2	13.2
0.0	10°	12.7	12.2	12.2	11.8	11.8	11.3	11.3	10.8	10.8	10.3
0.0	12.5°	11.3	10.8	10.3	9.8	9.8	9.3	8.8	8.8	8.3	7.8
0.0	15°	8.8	8.3	7.8	7.3	6.9	6.4	5.9	5.9	5.4	4.9
0.0	17.5°	5.9	4.9	4.4	3.9	3.9	3.4	2.9	2.4	2.0	1.5
0.0	20°	1.5	1.0	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
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: P1048961

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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°	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
0.0	2.5°	20.1	19.6	19.6	19.6	20.1	20.1	20.1	20.1	20.1	20.1
0.0	5°	16.2	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
0.0	7.5°	13.2	12.7	12.7	12.7	12.7	12.2	12.2	12.2	12.2	12.2
0.0	10°	10.3	9.8	9.8	9.8	9.8	9.3	9.3	9.3	9.3	9.3
0.0	12.5°	7.3	7.3	6.9	6.9	6.9	6.4	6.4	6.4	6.4	5.9
0.0	15°	4.4	3.9	3.4	3.4	3.4	2.9	2.9	2.9	2.9	2.4
0.0	17.5°	1.0	1.0	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):

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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°	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
0.0	2.5°	20.6	20.6	21.1	21.1	21.6	22.5	23.0	23.5	24.5	25.5
0.0	5°	16.2	16.7	16.7	17.1	17.6	18.1	18.6	19.1	20.1	21.1
0.0	7.5°	12.7	12.7	13.2	13.2	13.7	14.7	15.2	15.7	16.7	18.1
0.0	10°	9.8	9.8	10.3	10.3	10.8	11.8	12.2	12.7	13.7	15.2
0.0	12.5°	6.4	6.9	6.9	7.3	7.8	8.8	9.3	9.8	10.8	11.8
0.0	15°	2.9	3.4	3.4	3.9	4.4	5.4	5.9	6.4	7.3	8.8
0.0	17.5°	0.5	0.5	1.0	1.0	1.5	2.0	2.4	2.9	4.4	5.4
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0
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°	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
0.0	2.5°	26.9	27.9	28.9	29.9	30.9	31.8	32.3	33.3	33.8	34.3
0.0	5°	23.0	24.0	25.5	26.5	27.4	28.4	29.4	29.9	30.4	30.9
0.0	7.5°	20.1	21.1	22.5	23.5	24.5	25.5	26.5	27.4	27.9	28.4
0.0	10°	17.1	18.6	19.6	21.1	22.0	23.0	24.0	25.0	26.0	26.5
0.0	12.5°	13.7	15.2	16.7	17.6	19.1	20.6	21.6	22.5	23.5	24.5
0.0	15°	10.8	12.2	13.7	14.7	16.2	17.6	19.1	20.1	21.1	22.0
0.0	17.5°	7.8	9.3	10.8	11.8	13.2	14.7	15.7	17.1	18.1	19.1
0.0	20°	3.9	5.4	6.9	8.3	9.8	11.3	12.2	13.7	14.7	15.7
0.0	22.5°	0.5	2.0	3.4	4.4	5.9	7.3	8.3	9.8	10.8	11.8
0.0	25°	0.0	0.5	1.5	2.0	2.4	3.4	4.4	5.4	6.4	7.3
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.5	1.0	2.0	2.9	3.9
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
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	0.5
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	1.0
	85°	0.0	0.0	0.0	0.0	0.0	1.0	1.5	2.4	2.9	3.4
	87.5°	0.0	0.5	1.0	1.5	2.0	2.9	3.9	4.9	5.4	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: P1048961

CATALOG NUMBER: GALN-SA2A-730-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
28.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	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
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0.0											
0.0											
0.0											
0.5											
2.0											
4.4											
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REPORT NUMBER: P1048961

CATALOG NUMBER: GALN-SA2A-730-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
0.0	2.5°	34.8	34.8	34.8	34.8	34.3	34.3	34.3	33.8	33.8	33.3
0.0	5°	31.8	32.3	32.3	32.3	32.3	32.3	32.3	32.3	31.8	31.8
0.0	7.5°	29.4	29.9	30.4	30.4	30.9	30.9	30.9	30.4	30.4	29.9
0.0	10°	27.9	28.4	28.4	28.9	28.9	28.9	28.9	28.9	28.9	28.9
0.0	12.5°	26.0	26.5	26.9	26.9	27.4	27.4	27.4	27.4	26.9	26.9
0.0	15°	23.5	24.5	25.0	25.5	25.5	26.0	26.0	26.0	26.0	26.0
0.0	17.5°	21.6	22.5	23.0	23.5	23.5	24.0	24.0	24.5	24.5	24.5
0.0	20°	17.6	18.6	19.1	20.1	20.6	21.1	21.6	22.0	22.0	22.5
0.0	22.5°	13.7	14.7	15.2	16.2	16.7	17.1	17.6	18.1	18.6	19.1
0.0	25°	9.8	10.8	11.3	12.2	12.7	13.2	13.7	14.2	14.2	14.7
0.0	27.5°	5.4	6.4	7.3	7.8	8.8	9.3	9.8	10.3	10.8	11.3
0.0	30°	2.4	2.9	3.4	4.4	4.9	5.4	5.9	6.9	7.3	7.8
0.0	32.5°	0.0	0.0	0.5	1.5	2.0	2.4	2.9	3.4	3.4	3.9
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.5	2.0
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°	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	82.5°	2.4	2.9	3.4	3.4	3.9	3.9	3.9	3.9	3.4	3.4
	85°	4.9	5.4	5.9	5.9	6.4	6.4	6.4	6.4	6.4	6.4
	87.5°	6.9	7.3	7.8	7.8	8.3	8.3	8.3	8.3	8.3	8.3
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048961

CATALOG NUMBER: GALN-SA2A-730-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
28.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	152.5°	0.0	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	0.0
0.5	157.5°	0.0	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	0.0
0.5	162.5°	0.0	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
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
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1.5											
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REPORT NUMBER: P1048961

CATALOG NUMBER: GALN-SA2A-730-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°	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
0.0	2.5°	32.8	32.8	32.3	32.3	32.3	32.3	32.3	32.8	33.3	33.3
0.0	5°	31.3	31.3	30.9	30.9	30.9	31.3	31.3	31.8	32.3	32.8
0.0	7.5°	29.9	29.4	29.4	29.9	29.9	30.4	30.4	30.9	31.3	31.8
0.0	10°	28.9	28.4	28.4	28.4	28.9	28.9	29.4	29.9	30.4	30.9
0.0	12.5°	26.9	26.9	26.9	26.9	27.4	27.4	27.9	28.4	29.4	29.9
0.0	15°	26.0	25.5	25.5	25.5	25.5	26.0	26.0	26.9	27.9	28.4
0.0	17.5°	24.0	24.0	23.5	23.5	24.0	24.0	24.5	25.5	26.5	26.9
0.0	20°	22.0	21.6	21.1	21.1	21.6	21.6	22.0	23.0	24.0	24.5
0.0	22.5°	19.1	18.6	18.6	18.6	18.6	19.1	19.1	20.1	21.6	22.5
0.0	25°	15.2	15.7	15.7	16.2	16.2	16.7	17.1	18.1	19.6	20.6
0.0	27.5°	11.8	12.2	12.2	13.2	13.7	14.2	14.7	16.2	17.6	18.6
0.0	30°	8.8	9.3	9.8	10.3	11.3	12.2	13.2	14.7	16.2	17.1
0.0	32.5°	5.4	6.4	6.9	7.8	8.8	9.8	10.8	12.2	14.2	15.7
0.0	35°	3.9	4.4	5.4	5.9	6.9	7.8	8.8	10.8	12.2	14.2
0.0	37.5°	2.0	2.9	3.9	4.9	5.9	6.9	7.8	9.8	11.8	13.2
0.0	40°	1.5	2.4	2.9	3.9	5.4	6.4	7.3	9.3	11.3	13.2
0.0	42.5°	1.0	1.5	2.0	3.4	4.4	5.9	7.3	9.3	11.3	13.2
0.0	45°	1.0	1.0	1.5	2.9	4.4	6.4	7.8	9.8	11.3	13.2
0.0	47.5°	1.0	1.5	2.0	3.9	4.9	6.4	7.8	9.3	11.3	12.7
0.0	50°	1.5	2.0	2.4	4.4	5.4	6.9	7.8	9.8	11.3	13.2
0.0	52.5°	1.0	1.5	2.0	3.9	5.4	7.3	8.8	10.8	12.7	14.2
0.0	55°	0.5	0.5	0.5	2.9	5.9	8.3	11.3	12.7	14.7	16.2
0.0	57.5°	0.0	0.0	0.0	2.0	5.9	9.3	12.7	14.7	16.7	18.1
0.0	60°	0.0	0.0	0.0	2.0	5.9	9.3	12.7	15.2	17.6	20.1
0.0	62.5°	0.0	0.0	0.0	2.0	4.9	7.8	10.8	14.7	19.1	23.0
0.0	65°	0.0	0.0	0.0	1.5	3.9	6.4	8.8	14.7	20.6	26.0
0.0	67.5°	0.0	0.0	0.0	1.5	3.9	5.9	8.3	14.7	20.6	26.9
	70°	0.0	0.0	0.0	1.5	3.9	6.4	8.8	14.7	20.6	26.5
	72.5°	0.0	0.0	0.0	1.5	4.4	6.9	9.8	14.7	19.6	24.5
	75°	0.0	0.0	0.0	2.0	4.4	7.3	10.3	14.7	19.1	23.0
	77.5°	0.0	0.0	0.0	1.5	4.4	6.9	9.8	14.2	18.6	22.5
	80°	1.5	1.0	1.0	2.4	4.4	6.4	8.3	12.7	17.6	22.0
	82.5°	2.9	2.9	2.4	3.4	4.4	5.9	7.3	11.3	15.7	19.6
	85°	5.9	5.9	5.4	5.9	5.9	6.4	6.9	8.8	10.8	12.7
	87.5°	7.8	7.8	7.3	7.3	7.3	6.9	6.9	6.9	6.9	6.4
	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: P1048961

CATALOG NUMBER: GALN-SA2A-730-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
28.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.3											
29.4											
27.4											
26.9											
26.5											
23.5											
14.7											
6.4											
0.0											
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REPORT NUMBER: P1048961

CATALOG NUMBER: GALN-SA2A-730-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
0.0	2.5°	34.3	34.8	34.8	35.3	35.8	36.2	36.2	36.7	36.7	36.7
0.0	5°	33.8	34.8	35.3	35.8	36.2	36.7	37.2	37.7	38.2	38.2
0.0	7.5°	33.3	33.8	34.8	35.3	36.2	36.7	37.7	38.2	38.7	39.2
0.0	10°	32.3	33.3	34.3	35.3	36.2	37.2	38.2	39.2	40.2	40.7
0.0	12.5°	31.3	32.8	33.8	34.8	36.2	37.7	38.7	40.2	41.1	42.1
0.0	15°	30.9	31.8	33.3	34.3	36.2	38.2	39.7	41.6	43.6	45.1
0.0	17.5°	29.4	31.3	32.8	34.3	36.2	38.7	40.7	42.6	45.6	48.5
0.0	20°	27.4	28.9	30.9	32.3	35.3	37.7	40.7	43.1	47.5	51.9
0.0	22.5°	25.5	27.4	28.9	30.9	34.3	37.2	40.7	43.6	50.9	57.8
0.0	25°	23.5	26.0	27.9	29.9	33.8	37.7	41.6	45.6	57.8	70.0
0.0	27.5°	22.5	24.5	26.9	28.9	33.8	39.2	44.1	49.0	68.6	87.7
0.0	30°	21.1	23.5	25.5	27.9	34.3	40.7	47.0	53.4	83.3	113.2
0.0	32.5°	19.6	22.0	24.5	26.9	35.3	43.6	51.4	59.8	98.9	137.6
0.0	35°	18.1	21.1	23.5	26.0	36.7	48.0	58.8	69.6	113.2	156.3
0.0	37.5°	17.6	20.6	23.0	25.5	37.2	48.5	60.3	71.5	114.6	157.7
0.0	40°	18.1	20.6	23.5	26.0	35.8	45.6	54.9	64.7	109.7	154.3
0.0	42.5°	18.1	21.1	24.0	26.9	34.8	42.6	50.5	58.3	108.3	158.2
0.0	45°	17.6	20.6	23.5	26.5	33.8	40.7	48.0	54.9	117.1	178.8
0.0	47.5°	17.1	20.1	23.0	26.0	33.3	40.7	48.0	55.4	151.4	246.9
0.0	50°	17.1	20.1	22.5	25.0	33.8	43.1	51.9	60.7	220.4	379.6
0.0	52.5°	18.1	20.6	22.5	24.5	34.8	45.6	55.8	66.1	280.2	493.8
0.0	55°	19.6	21.1	23.0	24.5	37.2	49.5	62.2	74.5	298.3	522.2
0.0	57.5°	21.6	23.0	24.5	26.0	41.6	57.3	72.5	88.2	299.8	510.9
0.0	60°	24.0	26.0	27.4	28.9	45.6	62.7	79.4	96.0	271.4	446.2
0.0	62.5°	29.4	31.8	33.8	36.2	52.4	68.1	84.3	99.9	225.3	350.7
0.0	65°	33.8	35.8	37.7	39.7	55.4	71.5	87.2	102.9	191.0	279.2
0.0	67.5°	34.8	36.7	38.2	40.2	56.3	72.5	88.2	104.3	163.6	222.4
	70°	35.3	37.7	40.7	43.1	59.8	76.4	92.6	109.2	145.0	180.8
	72.5°	33.8	38.7	43.1	47.5	63.2	78.4	94.0	109.2	134.7	160.2
	75°	33.8	40.7	47.0	53.4	65.1	76.4	88.2	99.4	119.0	138.6
	77.5°	35.8	44.6	53.4	62.2	69.1	75.4	82.3	88.7	101.4	114.1
	80°	35.8	45.1	53.9	63.2	66.1	69.6	72.5	75.4	76.9	78.4
	82.5°	30.9	38.2	45.6	52.9	49.5	46.0	42.6	39.2	36.7	33.8
	85°	15.7	17.1	18.1	19.1	17.6	16.2	14.7	13.2	12.2	10.8
	87.5°	6.4	6.4	5.9	5.9	5.9	5.9	5.4	5.4	5.4	5.4
	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: P1048961

CATALOG NUMBER: GALN-SA2A-730-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
28.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
196.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
245.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
278.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
303.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
328.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
377.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
475.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
725.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1110.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1398.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1429.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1290.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1103.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
862.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
651.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
481.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
340.4											
253.2											
184.2											
138.6											
77.9											
35.3											
10.3											
4.9											
0.0											
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REPORT NUMBER: P1048961

CATALOG NUMBER: GALN-SA2A-730-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°	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
0.0	2.5°	36.7	36.2	36.2	35.8	35.3	34.8	34.3	33.8	33.3	32.8
0.0	5°	38.2	38.2	38.2	37.7	37.7	37.2	37.2	36.7	36.2	35.8
0.0	7.5°	39.7	40.2	40.2	40.7	40.7	40.7	40.7	40.2	40.2	40.2
0.0	10°	42.1	42.6	43.1	43.6	44.1	44.6	44.6	45.1	45.1	45.1
0.0	12.5°	45.1	46.5	47.5	49.0	50.0	51.4	52.4	53.9	54.9	55.8
0.0	15°	49.5	51.9	54.9	57.3	59.8	63.2	67.1	70.5	74.0	79.4
0.0	17.5°	55.8	63.7	71.5	78.9	86.7	103.8	121.0	137.6	154.8	179.8
0.0	20°	68.1	91.6	114.6	138.1	161.2	221.4	281.2	341.4	401.2	465.3
0.0	22.5°	95.5	153.3	211.1	268.9	326.7	452.6	578.0	703.9	829.3	976.7
0.0	25°	138.6	244.9	351.2	457.0	563.3	760.2	957.6	1154.6	1351.5	1543.0
0.0	27.5°	201.8	364.4	527.1	689.2	851.8	1118.8	1386.2	1653.2	1920.2	2136.7
0.0	30°	279.7	500.1	720.6	941.0	1161.4	1465.1	1768.8	2072.0	2375.7	2612.3
0.0	32.5°	353.2	623.1	893.0	1162.4	1432.3	1778.1	2124.4	2470.3	2816.1	3074.7
0.0	35°	401.2	727.4	1054.1	1380.4	1706.6	2080.8	2455.1	2828.8	3203.1	3498.4
0.0	37.5°	449.2	825.9	1202.1	1578.8	1955.0	2365.9	2776.9	3187.9	3598.9	3963.8
0.0	40°	503.1	944.9	1386.2	1828.1	2269.4	2756.3	3242.7	3729.6	4216.1	4730.9
0.0	42.5°	596.6	1142.3	1688.5	2234.2	2779.8	3424.0	4068.1	4711.8	5355.9	6090.7
0.0	45°	772.5	1541.5	2311.1	3080.1	3849.2	4702.5	5556.3	6409.6	7262.9	8240.6
0.0	47.5°	1203.0	2261.1	3318.7	4376.7	5434.3	6355.7	7276.6	8198.0	9118.9	10092.7
0.0	50°	1840.8	3072.3	4303.7	5534.7	6766.2	7599.9	8433.1	9266.8	10100.0	11026.3
0.0	52.5°	2302.2	3585.1	4868.5	6151.4	7434.3	8186.7	8939.6	9692.0	10444.4	11309.9
0.0	55°	2337.0	3612.6	4888.6	6164.1	7439.7	8195.5	8951.3	9707.2	10463.0	11380.5
0.0	57.5°	2069.1	3334.3	4599.1	5864.4	7129.1	7989.8	8849.9	9710.6	10570.8	11562.7
0.0	60°	1760.0	3025.7	4291.0	5556.7	6822.0	7813.4	8805.4	9796.8	10788.2	11717.5
0.0	62.5°	1373.0	2675.0	3977.5	5279.5	6581.5	7588.1	8594.7	9600.9	10607.5	11304.5
0.0	65°	1023.3	2287.6	3551.8	4815.6	6079.9	6886.2	7692.5	8498.2	9304.5	9736.1
0.0	67.5°	739.7	1830.0	2919.9	4010.3	5100.2	5677.2	6254.3	6830.8	7407.9	7738.0
	70°	500.1	1255.5	2010.3	2765.6	3520.5	3994.6	4469.3	4943.5	5417.6	5863.4
	72.5°	346.3	770.5	1195.2	1619.4	2043.6	2520.7	2997.3	3474.4	3951.1	4422.8
	75°	229.7	422.7	616.2	809.2	1002.2	1355.4	1709.1	2062.2	2415.4	2696.6
	77.5°	163.1	220.9	279.2	337.0	394.8	460.9	527.6	593.7	659.8	760.2
	80°	77.4	84.7	92.1	98.9	106.3	130.3	154.3	178.3	202.3	227.8
	82.5°	36.7	39.7	42.6	45.1	48.0	50.5	52.9	55.4	57.8	55.4
	85°	9.8	9.8	10.3	10.3	10.3	10.3	10.3	10.3	10.3	9.8
	87.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	3.9	3.9	3.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
28.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
204.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
530.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1124.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1734.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2353.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2849.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3333.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3793.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4329.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5245.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6825.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9218.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11066.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11952.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12175.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12298.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12554.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12646.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12002.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10168.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8068.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6308.7											
4894.5											
2977.7											
860.6											
253.2											
52.4											
9.3											
3.4											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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0.0											
0.0											
0.0											

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CATALOG NUMBER: GALN-SA2A-730-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
0.0	2.5°	31.8	31.3	30.9	30.4	29.9	28.9	28.9	28.4	28.4
0.0	5°	34.8	34.3	33.8	33.3	33.3	32.8	32.3	32.3	31.8
0.0	7.5°	39.7	39.2	38.7	38.2	38.2	37.7	37.7	37.2	37.2
0.0	10°	45.6	45.6	45.6	45.6	45.6	45.1	45.1	45.1	44.6
0.0	12.5°	57.3	57.8	58.8	59.8	61.2	61.2	61.2	60.7	60.7
0.0	15°	90.6	96.0	99.9	103.8	107.3	115.1	114.1	112.7	111.7
0.0	17.5°	229.2	253.7	267.0	279.7	292.9	329.2	323.3	317.4	312.0
0.0	20°	594.2	658.3	701.0	743.6	786.7	854.8	838.1	821.5	804.8
0.0	22.5°	1271.1	1418.6	1482.7	1546.9	1610.6	1692.9	1639.5	1586.1	1533.2
0.0	25°	1925.6	2117.1	2225.3	2333.6	2441.4	2488.4	2418.8	2348.8	2279.2
0.0	27.5°	2569.7	2786.2	2881.7	2976.8	3072.3	3170.7	3084.5	2997.8	2911.6
0.0	30°	3086.0	3322.6	3425.9	3528.8	3632.2	3700.7	3611.6	3522.0	3432.8
0.0	32.5°	3592.5	3851.1	3964.3	4077.4	4190.1	4288.6	4178.8	4068.6	3958.9
0.0	35°	4088.7	4384.1	4539.8	4695.6	4851.4	4943.0	4812.7	4681.9	4551.6
0.0	37.5°	4694.1	5059.1	5233.5	5407.8	5582.2	5749.3	5605.7	5461.7	5318.2
0.0	40°	5760.5	6275.3	6542.8	6810.7	7078.2	7293.7	7112.5	6931.2	6750.0
0.0	42.5°	7560.2	8295.0	8679.5	9063.5	9448.0	9784.6	9594.0	9403.5	9212.9
0.0	45°	10196.0	11173.7	11642.5	12110.8	12579.6	12825.5	12551.2	12276.4	12002.1
0.0	47.5°	12039.8	13013.6	13430.9	13848.3	14265.6	14546.3	14210.8	13875.2	13540.2
0.0	50°	12878.4	13804.7	14223.5	14641.8	15060.6	15283.5	14896.0	14508.1	14120.6
0.0	52.5°	13040.5	13906.1	14405.7	14905.8	15405.5	15703.3	15245.8	14787.8	14330.3
0.0	55°	13215.9	14133.4	14712.8	15292.8	15872.3	16284.7	15767.5	15249.7	14732.4
0.0	57.5°	13546.0	14538.0	15116.0	15693.5	16271.5	16621.7	16103.0	15583.8	15065.0
0.0	60°	13575.4	14504.2	15000.9	15498.1	15994.8	16215.2	15719.0	15222.3	14726.1
0.0	62.5°	12699.1	13396.1	13741.0	14085.8	14430.7	14670.2	14152.5	13634.2	13116.5
0.0	65°	10599.7	11031.2	11306.0	11580.8	11855.6	12141.2	11667.0	11192.8	10718.7
0.0	67.5°	8398.8	8729.0	9090.9	9452.9	9814.9	10120.1	9740.5	9360.4	8980.7
	70°	6754.4	7199.7	7606.7	8013.8	8420.8	8670.7	8289.6	7908.0	7526.9
	72.5°	5366.2	5837.9	6177.9	6517.3	6857.3	6918.5	6638.3	6358.1	6078.4
	75°	3258.4	3539.6	3546.4	3552.8	3559.7	3618.0	3385.8	3153.6	2921.9
	77.5°	961.1	1061.5	1144.3	1226.6	1309.3	1409.3	1324.0	1238.3	1153.1
	80°	278.2	303.7	325.3	346.3	367.9	355.1	335.1	315.0	294.9
	82.5°	50.0	47.0	46.5	46.0	46.0	43.6	39.7	35.8	31.8
	85°	8.8	8.3	7.8	7.3	6.9	6.4	5.4	4.9	3.9
	87.5°	2.9	2.4	2.0	1.5	1.5	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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CATALOG NUMBER: GALN-SA2A-730-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°	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
0.0	0.0	2.5°	27.9	27.4	27.4	27.4	27.4	26.9	26.9	26.9	26.9
0.0	0.0	5°	30.9	30.9	30.4	30.4	29.9	29.9	29.4	29.4	28.9
0.0	0.0	7.5°	36.2	35.8	35.3	34.8	34.3	33.3	32.8	32.3	32.3
0.0	0.0	10°	43.6	42.6	42.1	41.1	40.7	39.7	38.7	37.7	36.7
0.0	0.0	12.5°	57.3	55.4	53.9	51.9	50.0	48.5	46.5	45.1	43.1
0.0	0.0	15°	99.4	94.5	89.2	82.8	75.9	69.6	62.7	58.8	54.4
0.0	0.0	17.5°	254.2	228.8	202.8	181.7	160.7	140.1	119.0	103.8	88.7
0.0	0.0	20°	647.1	576.5	506.0	436.4	366.4	296.8	226.8	191.5	156.3
0.0	0.0	22.5°	1217.7	1087.0	955.7	828.8	701.5	574.6	447.7	367.9	288.5
0.0	0.0	25°	1879.5	1714.9	1550.3	1341.7	1132.5	923.8	715.2	585.4	455.6
0.0	0.0	27.5°	2445.8	2256.2	2066.6	1812.9	1559.2	1305.4	1051.7	858.2	665.2
0.0	0.0	30°	2936.1	2732.3	2528.6	2233.2	1937.8	1642.4	1347.1	1105.1	863.1
0.0	0.0	32.5°	3361.3	3117.3	2873.4	2568.7	2264.0	1959.4	1654.7	1357.8	1061.0
0.0	0.0	35°	3851.6	3567.0	3281.9	2943.9	2605.5	2267.5	1929.5	1594.4	1258.9
0.0	0.0	37.5°	4474.7	4125.4	3775.7	3399.0	3022.3	2646.1	2269.4	1886.4	1503.3
0.0	0.0	40°	5667.5	5216.8	4766.1	4287.6	3808.5	3329.9	2851.4	2381.1	1910.9
0.0	0.0	42.5°	7804.6	7195.8	6586.9	5950.1	5312.8	4676.0	4038.7	3375.5	2711.8
0.0	0.0	45°	10216.6	9461.3	8705.4	7990.8	7275.6	6560.9	5846.2	4936.1	4026.0
0.0	0.0	47.5°	11573.0	10757.4	9941.8	9265.3	8588.9	7912.4	7235.9	6254.8	5273.6
0.0	0.0	50°	12072.1	11241.8	10411.6	9789.0	9165.9	8543.3	7920.2	6937.6	5954.5
0.0	0.0	52.5°	12178.4	11331.5	10484.5	9858.0	9231.5	8605.5	7979.0	7002.8	6026.5
0.0	0.0	55°	12396.9	11488.2	10579.1	9864.9	9150.7	8436.5	7722.3	6730.4	5738.5
0.0	0.0	57.5°	12682.5	11750.8	10819.1	10005.5	9191.9	8378.7	7565.1	6480.6	5396.1
0.0	0.0	60°	12607.5	11796.8	10985.6	10114.2	9242.3	8370.9	7499.0	6306.2	5113.0
0.0	0.0	62.5°	11306.5	10660.9	10014.8	9298.1	8581.0	7864.4	7147.7	5919.7	4691.7
0.0	0.0	65°	9301.6	8830.3	8359.1	7782.6	7205.5	6629.0	6052.5	4951.3	3850.6
0.0	0.0	67.5°	7538.6	7007.7	6476.2	6016.7	5556.7	5097.3	4637.3	3770.8	2904.3
		70°	5989.3	5411.8	4833.7	4385.0	3935.9	3487.2	3038.5	2462.4	1886.9
		72.5°	4756.3	4235.6	3714.9	3236.4	2757.3	2278.7	1799.7	1459.2	1118.8
		75°	2273.3	2065.2	1857.0	1606.7	1356.4	1106.1	855.8	707.3	559.4
		77.5°	842.5	730.4	617.7	515.8	413.9	312.5	210.6	193.0	175.4
		80°	218.0	190.1	161.6	141.6	121.0	100.9	80.8	73.0	65.6
		82.5°	25.0	23.0	21.6	20.6	19.1	18.1	16.7	15.2	13.7
		85°	1.5	1.0	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
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1048961

CATALOG NUMBER: GALN-SA2A-730-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	28.4	28.4
0.0	0.0	2.5°	26.5	26.0
0.0	0.0	5°	27.9	27.4
0.0	0.0	7.5°	30.9	29.9
0.0	0.0	10°	33.8	32.8
0.0	0.0	12.5°	38.2	36.7
0.0	0.0	15°	43.1	40.2
0.0	0.0	17.5°	51.4	45.1
0.0	0.0	20°	69.6	53.4
0.0	0.0	22.5°	98.0	66.6
0.0	0.0	25°	144.0	92.1
0.0	0.0	27.5°	200.3	122.5
0.0	0.0	30°	266.5	153.3
0.0	0.0	32.5°	324.8	182.7
0.0	0.0	35°	400.7	212.6
0.0	0.0	37.5°	494.2	250.8
0.0	0.0	40°	639.2	308.6
0.0	0.0	42.5°	900.3	415.4
0.0	0.0	45°	1462.2	718.1
0.0	0.0	47.5°	2249.8	1187.9
0.0	0.0	50°	2752.4	1516.1
0.0	0.0	52.5°	2793.6	1513.6
0.0	0.0	55°	2550.1	1345.6
0.0	0.0	57.5°	2175.9	1124.7
0.0	0.0	60°	1808.5	889.5
0.0	0.0	62.5°	1424.9	614.3
0.0	0.0	65°	1041.4	434.5
0.0	0.0	67.5°	748.0	324.8
		70°	491.8	248.8
		72.5°	320.4	202.8
		75°	215.5	168.0
		77.5°	125.9	111.7
		80°	44.6	39.2
		82.5°	8.3	5.9
		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: P1048961

CATALOG NUMBER: GALN-SA2A-730-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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

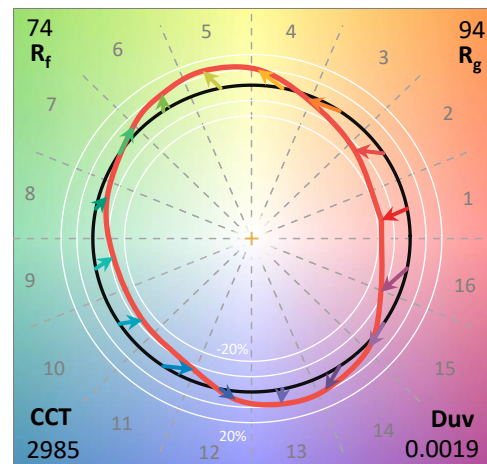
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 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-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2985
 CIE u' : 0.2504
 CIE v' : 0.5243
 Duv: 0.0019
 CIE x: 0.4408
 CIE y: 0.4101
 CIE z: 0.1491
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 55.41818
 R_f: 73.8
 R_g: 94.4

CRI (Ra): 70.8
 R1: 66.3
 R2: 80.6
 R3: 94.5
 R4: 68.2
 R5: 66.5
 R6: 74.7
 R7: 76.2
 R8: 39.6
 R9: -43.2
 R10: 57.6
 R11: 64.8
 R12: 53.5
 R13: 68.7
 R14: 97.0
 R15: 56.4



Test Conditions

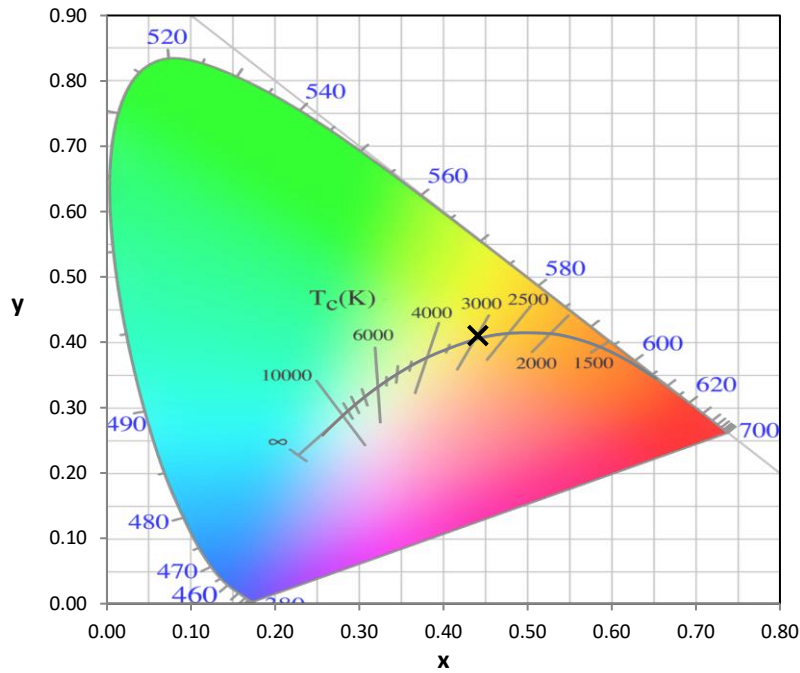
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

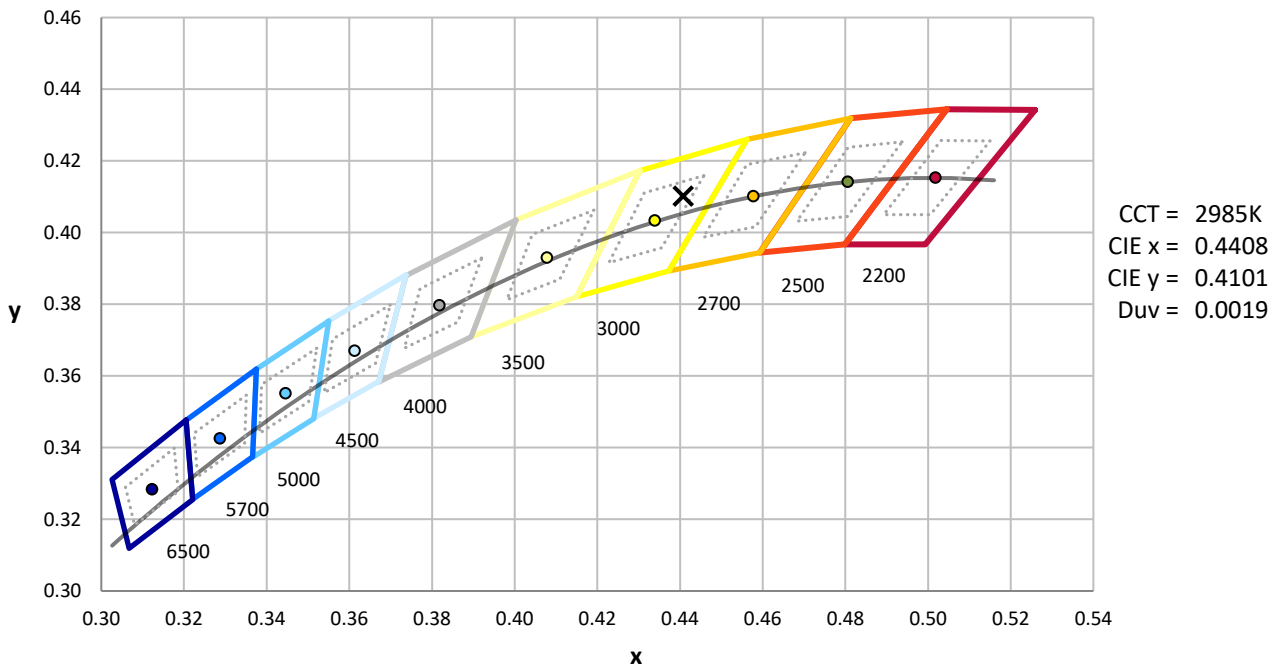
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



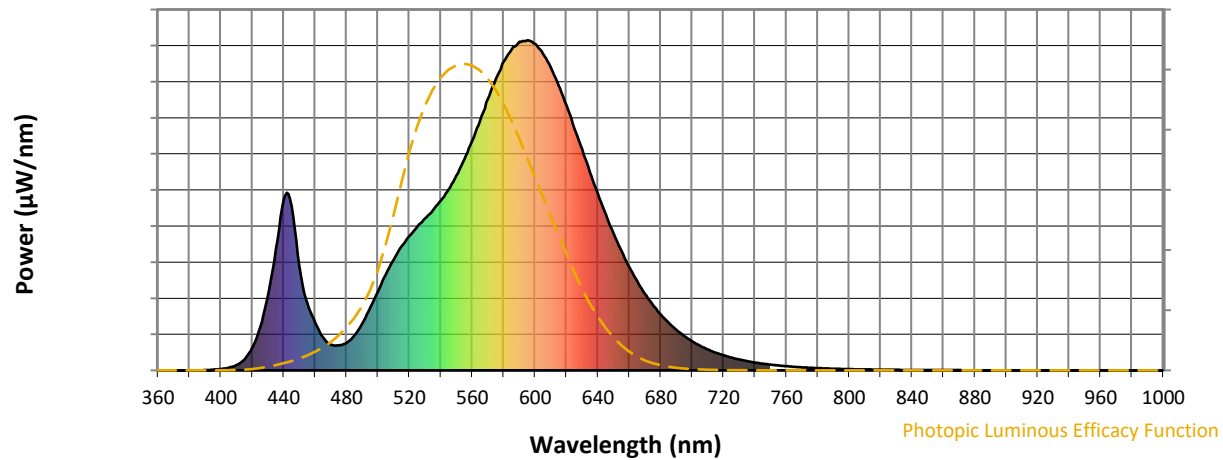
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

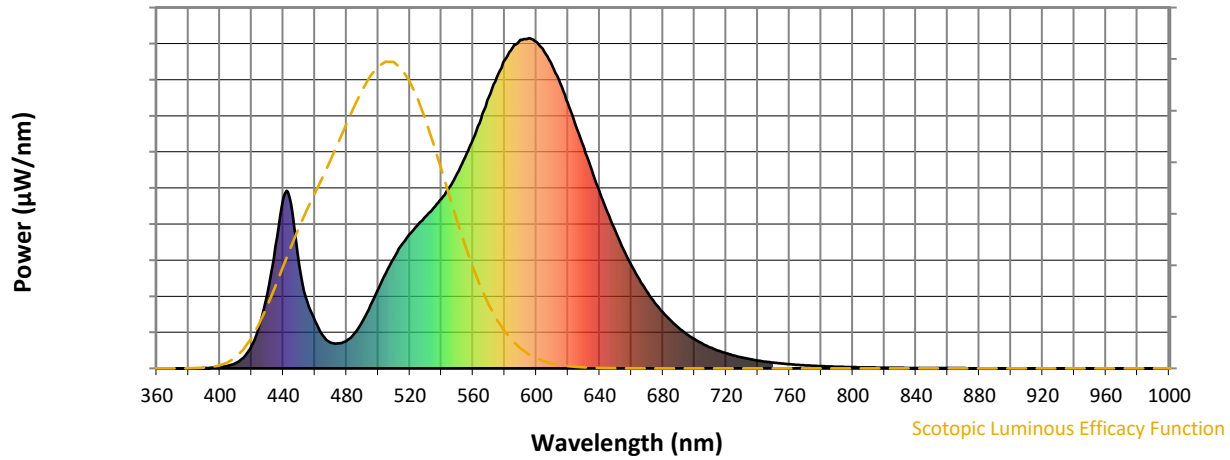


Photopic Lumens: NR

λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength



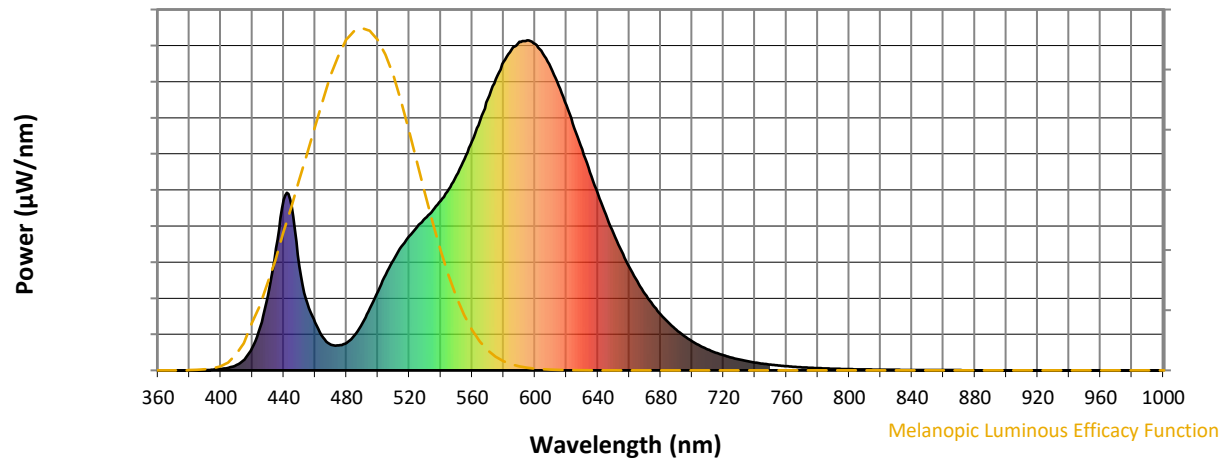
Scotopic Lumens: NR

S/P: 1.19

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

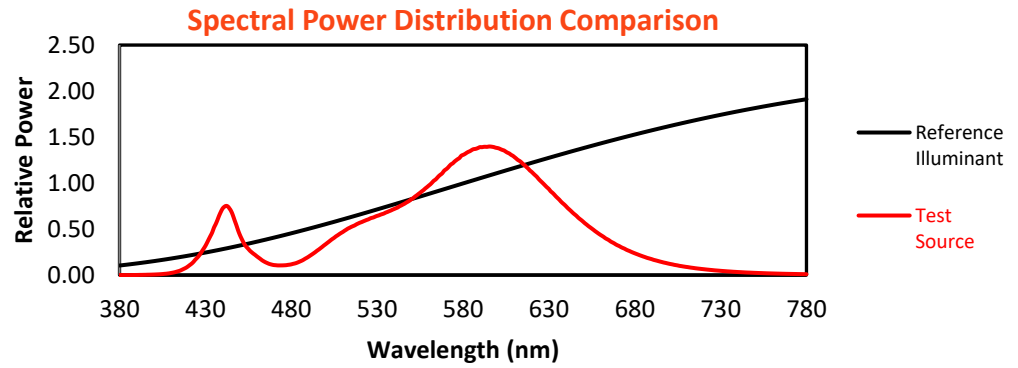
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

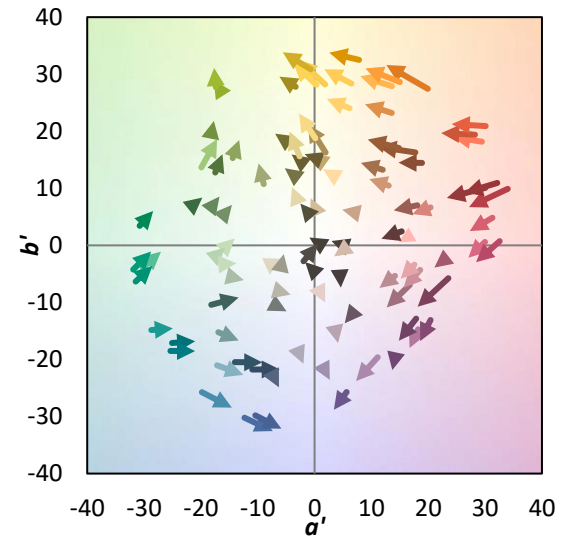
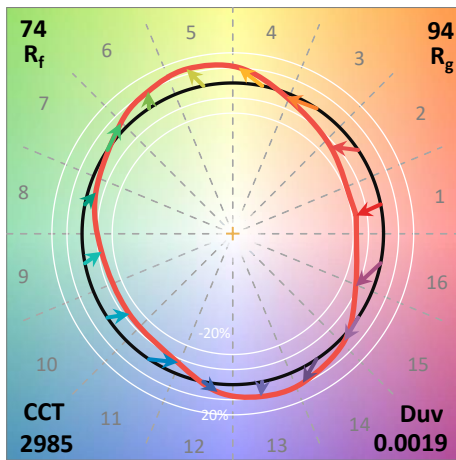
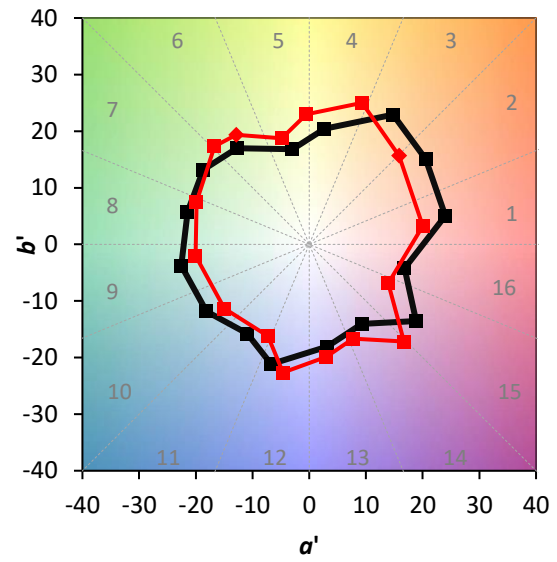
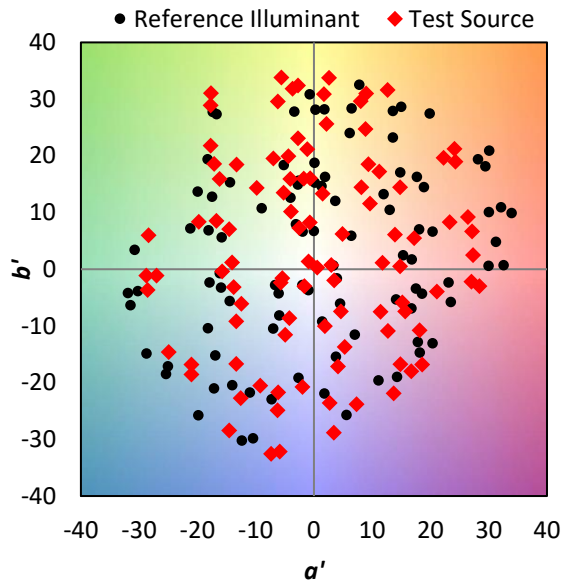
TM-30-18

Summary

$R_f = 73.8$
 $R_g = 94.4$
 $CIE\ R_a = 70.8$
 $R_g = -43.2$

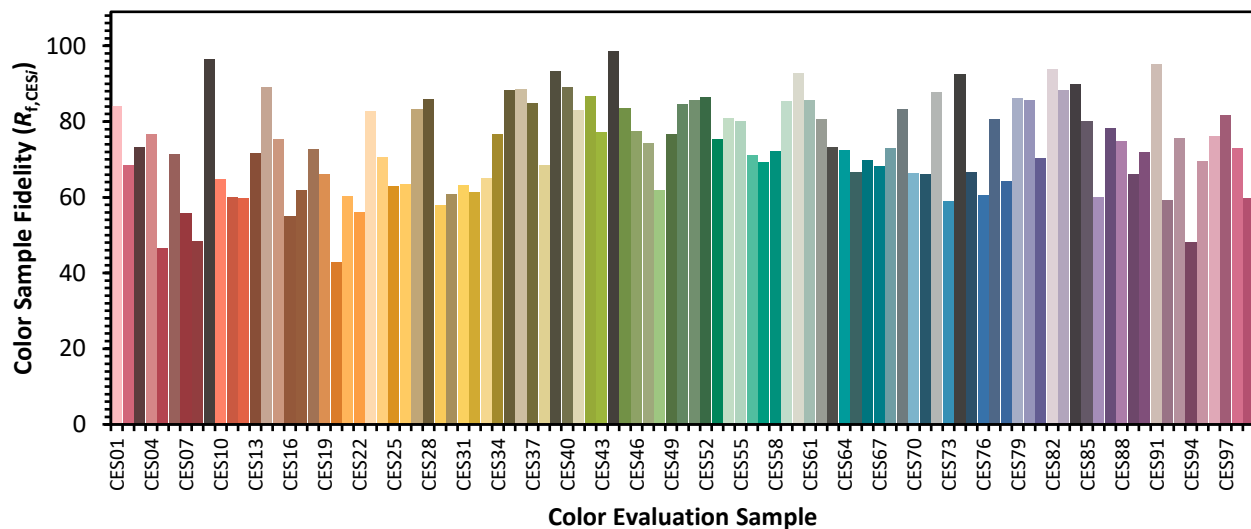


Color Vector Graphics

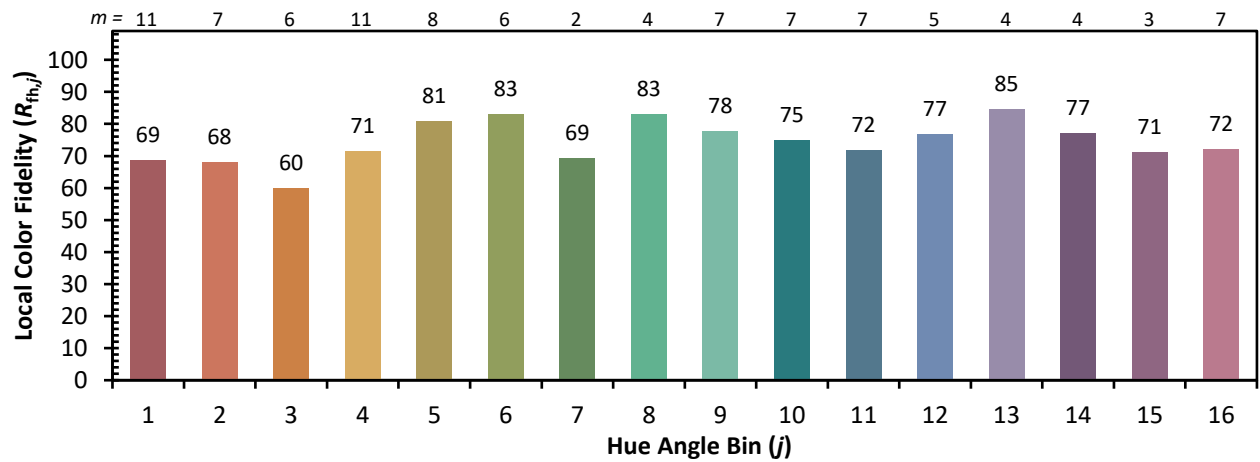
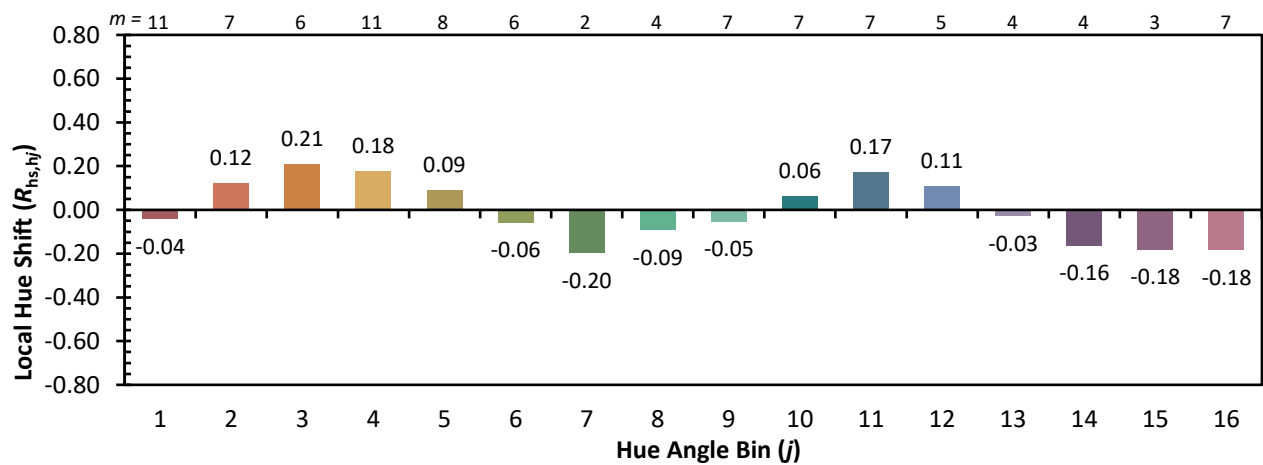
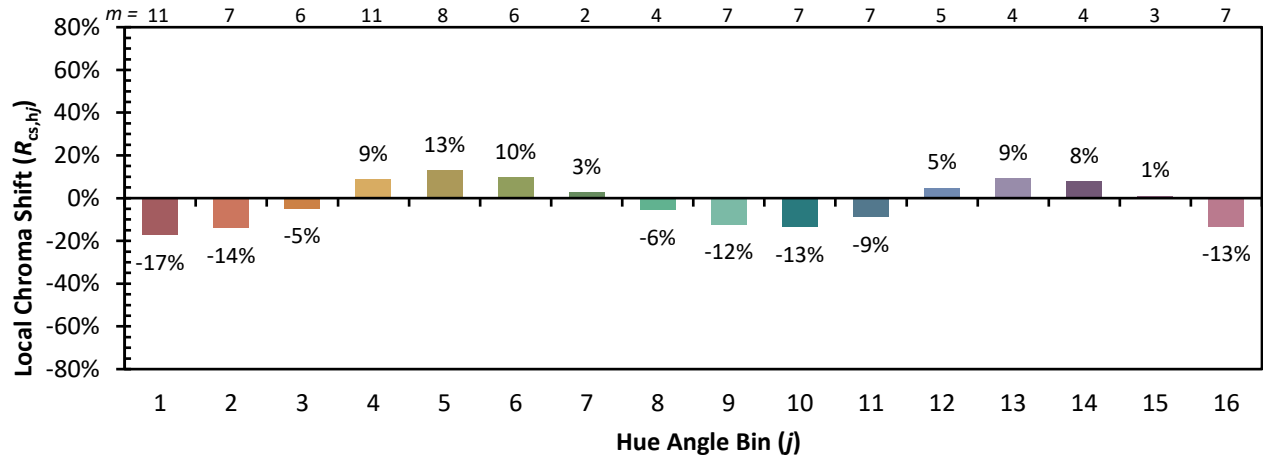


Individual Sample Fidelity Index ($R_{f,i}$)

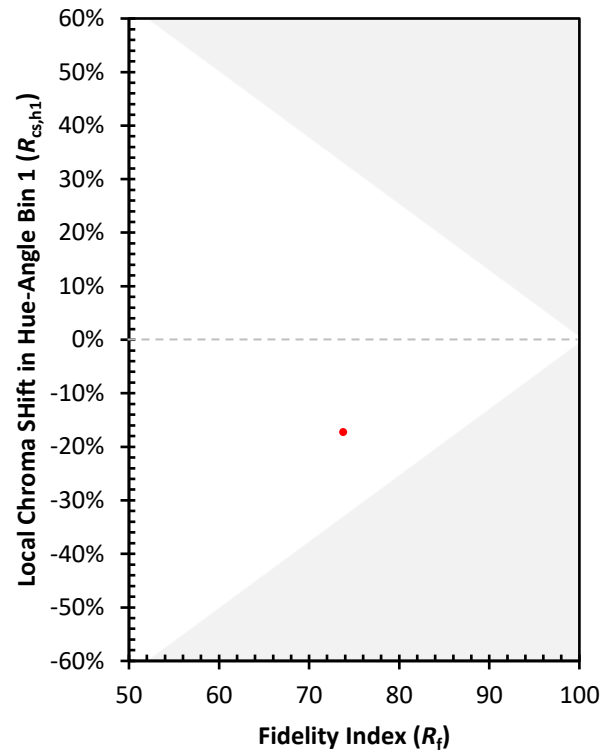
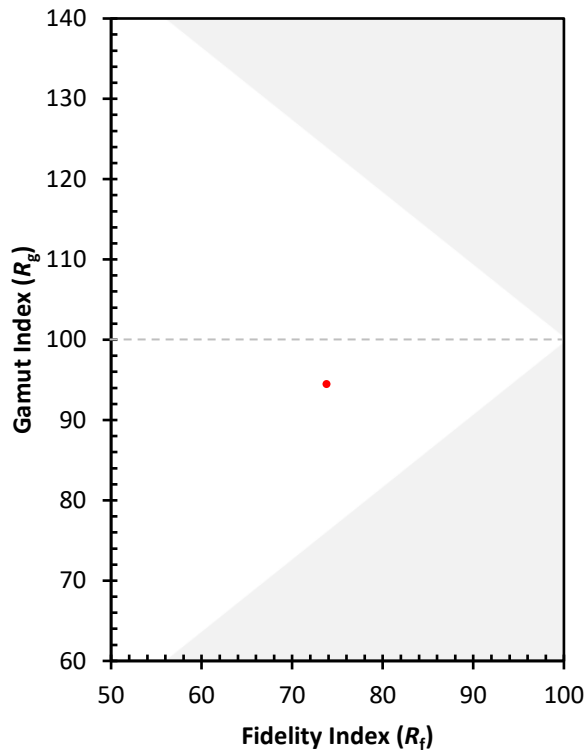
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)