

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: P1048967

Luminaire Tested: **GALN-SA3C-730-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1048967
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3C-730-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE
70CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (42) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15026.1 lumens
Efficiency: N/A
Efficacy: 107.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

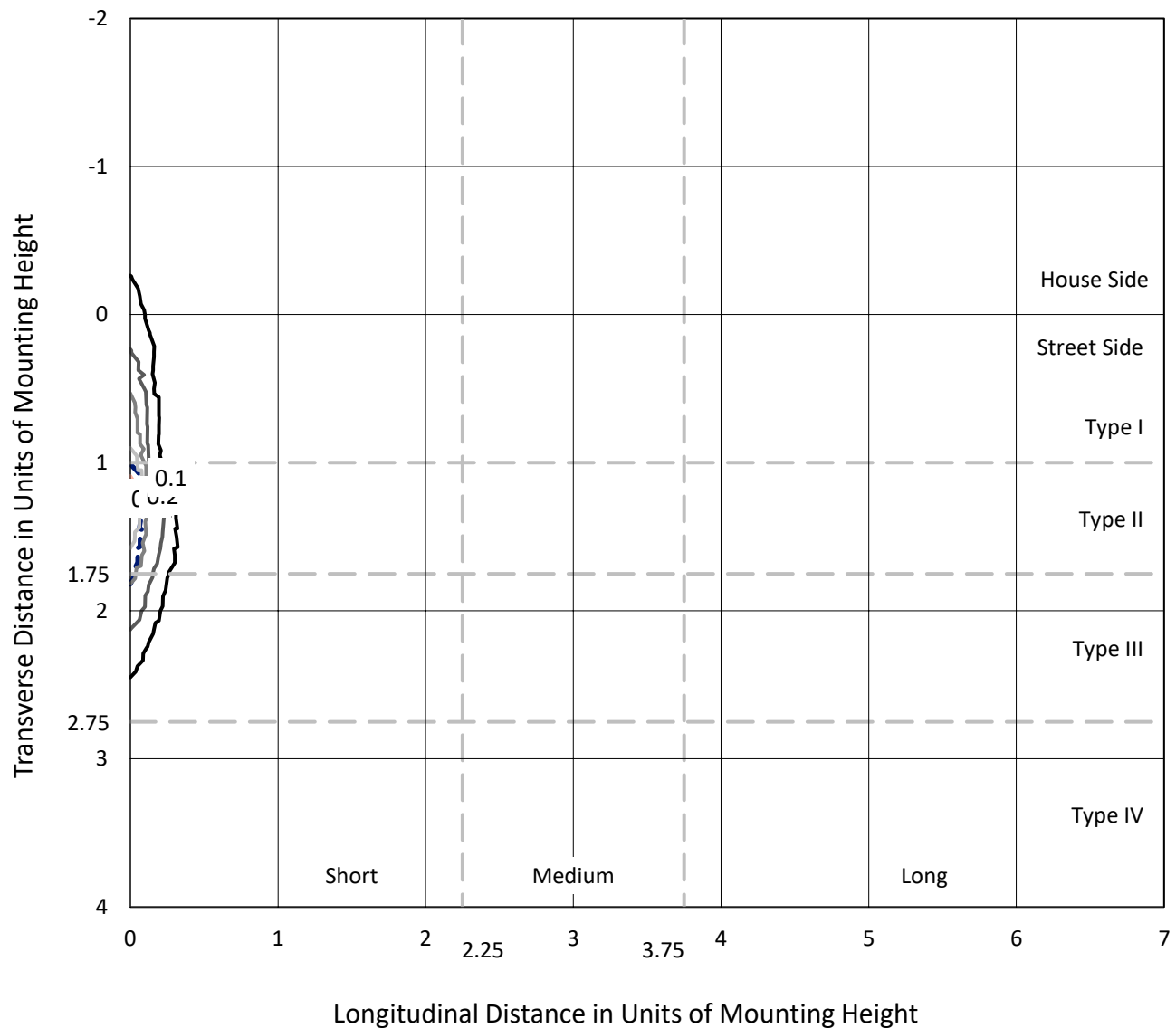
Input Watts (W): 140.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

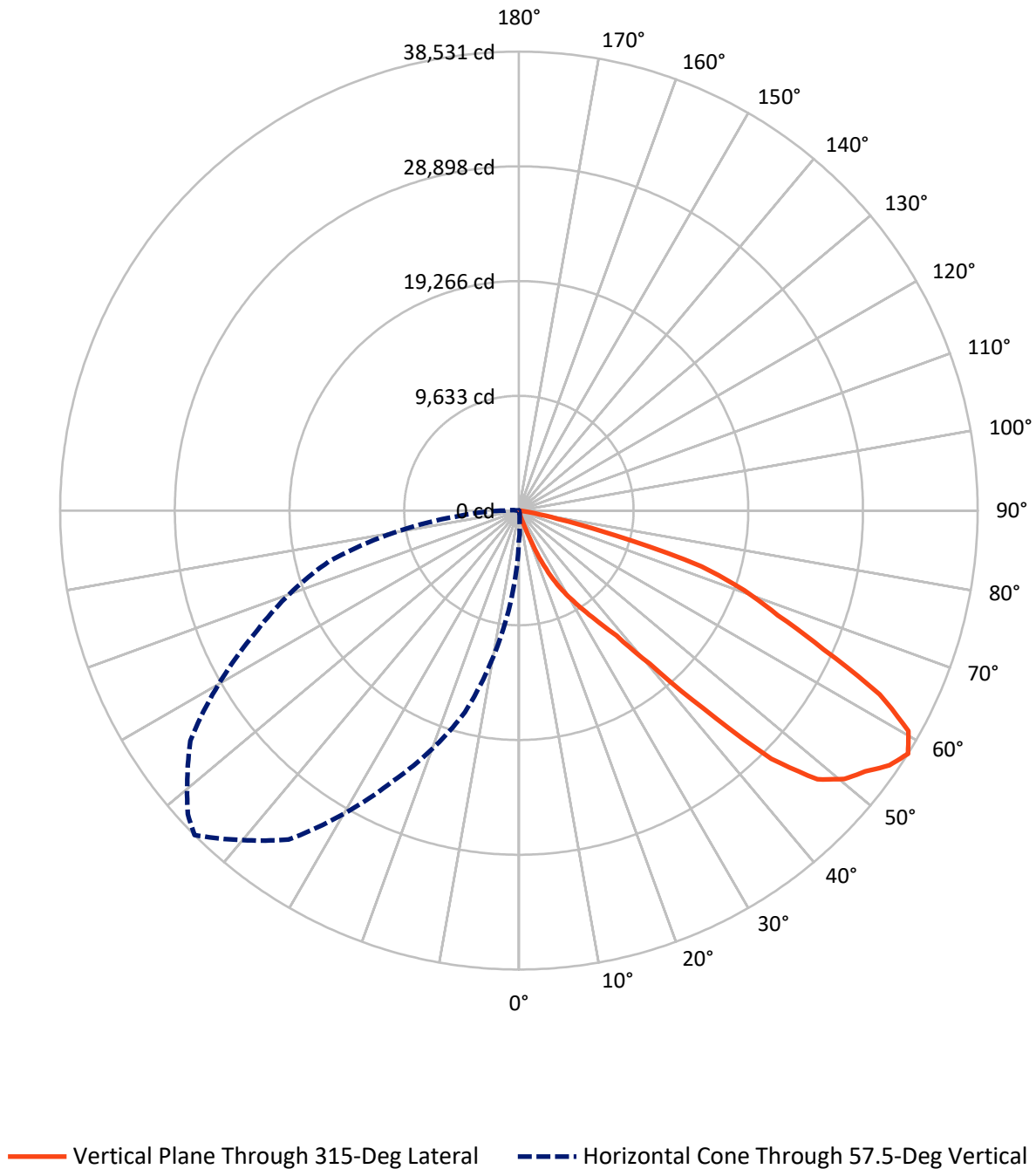
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 2.2 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	75.2	0.0	75.2
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	14950.9	0.0	14950.9
	% Fixture	99.5	0.0	99.5
Total	Lumens	15026.1	0.0	15026.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.9	0.0
10°-20°	33.0	0.2
20°-30°	356.1	2.4
30°-40°	1053.0	7.0
40°-50°	3138.4	20.9
50°-60°	4976.3	33.1
60°-70°	4154.0	27.6
70°-80°	1280.9	8.5
80°-90°	28.5	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	15026.1	100.0
0°-180°	15026.1	100.0



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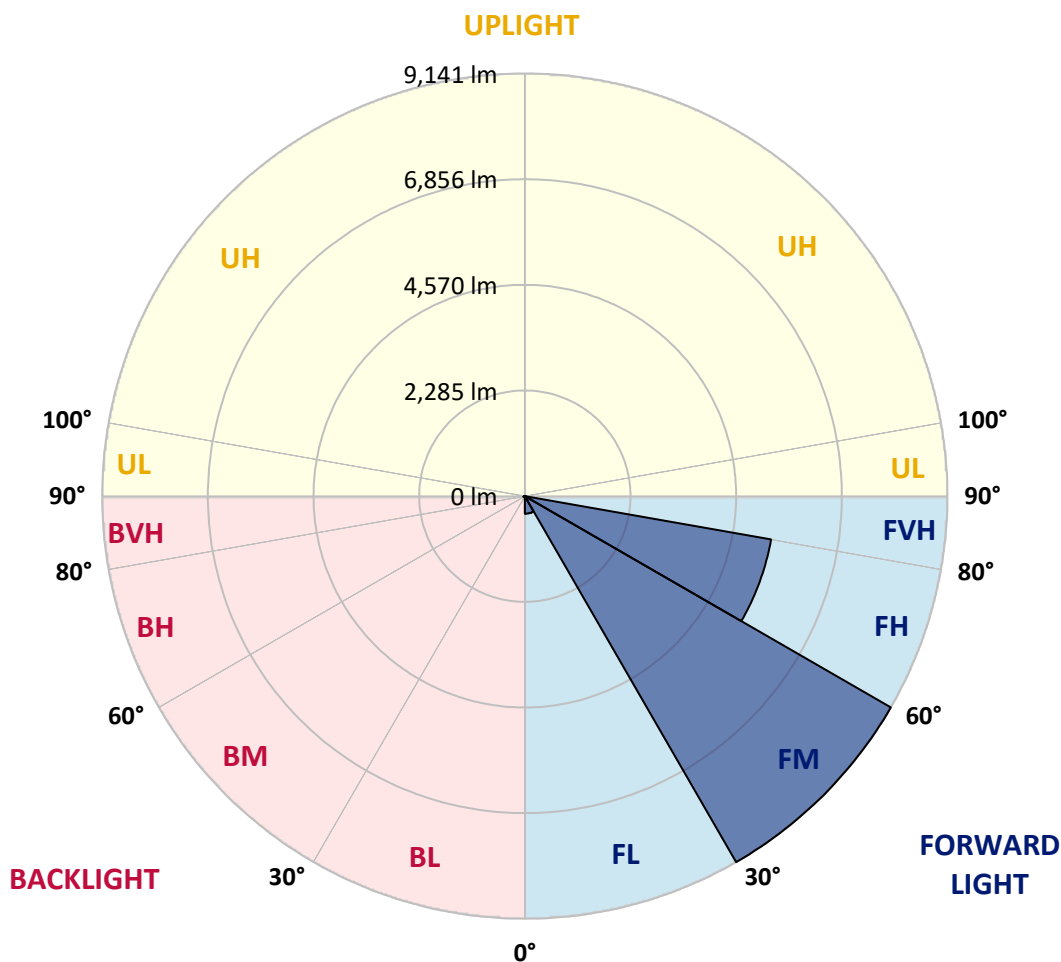
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	381.2	2.5			
FM	(30°-60°)	9140.8	60.8			
FH	(60°-80°)	5406.9	36.0			G3/7500
FVH	(80°-90°)	22.0	0.1			G1/100
BL	(0°-30°)	13.8	0.1	B0/110		
BM	(30°-60°)	26.9	0.2	B0/220		
BH	(60°-80°)	28.1	0.2	B0/110		G0/110
BVH	(80°-90°)	6.5	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-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
2.5°	60.2	60.2	60.2	60.2	59.0	59.0	57.9	57.9	56.8	56.8
5°	63.6	63.6	62.5	61.3	61.3	60.2	59.0	57.9	57.9	56.8
7.5°	69.3	68.1	67.0	65.9	63.6	62.5	60.2	59.0	57.9	55.6
10°	76.1	73.8	71.5	69.3	67.0	64.7	62.5	61.3	59.0	57.9
12.5°	85.2	81.8	77.2	73.8	71.5	68.1	65.9	63.6	60.2	57.9
15°	93.1	88.6	82.9	78.4	74.9	70.4	67.0	63.6	61.3	57.9
17.5°	104.5	96.5	87.4	81.8	77.2	71.5	65.9	62.5	59.0	54.5
20°	123.8	107.9	90.8	84.0	77.2	70.4	63.6	59.0	55.6	51.1
22.5°	154.4	127.2	99.9	89.7	80.6	70.4	61.3	56.8	52.2	47.7
25°	213.5	164.6	115.8	102.2	88.6	74.9	61.3	55.6	51.1	45.4
27.5°	283.9	211.2	137.4	118.1	99.9	80.6	61.3	54.5	48.8	42.0
30°	355.4	258.9	161.2	136.3	111.3	86.3	61.3	53.4	46.6	38.6
32.5°	423.5	303.2	181.7	152.2	122.6	92.0	62.5	53.4	44.3	35.2
35°	492.8	339.5	185.1	154.4	123.8	92.0	61.3	51.1	42.0	31.8
37.5°	581.4	380.4	178.3	147.6	118.1	87.4	57.9	48.8	39.7	29.5
40°	715.4	448.5	181.7	149.9	118.1	86.3	54.5	45.4	37.5	28.4
42.5°	962.9	580.2	196.4	160.1	123.8	86.3	50.0	42.0	35.2	27.3
45°	1664.7	964.0	263.4	208.9	154.4	99.9	45.4	38.6	32.9	26.1
47.5°	2753.6	1613.6	473.5	365.6	258.9	151.0	44.3	38.6	32.9	26.1
50°	3514.4	2055.3	596.1	458.7	321.3	184.0	46.6	39.7	34.1	27.3
52.5°	3508.7	2087.1	664.3	509.8	356.6	202.1	48.8	42.0	36.3	29.5
55°	3119.2	1898.6	676.8	520.1	364.5	207.8	52.2	45.4	38.6	31.8
57.5°	2607.1	1612.4	617.7	478.0	339.5	199.8	60.2	52.2	45.4	37.5
60°	2062.1	1271.8	481.5	380.4	280.5	179.4	79.5	69.3	60.2	50.0
62.5°	1423.9	922.0	420.1	337.2	255.5	172.6	90.8	80.6	71.5	61.3
65°	1007.2	693.8	379.3	308.9	239.6	169.2	98.8	87.4	77.2	65.9
67.5°	752.8	551.9	349.7	289.6	229.4	169.2	109.0	95.4	82.9	69.3
70°	576.8	453.1	328.2	279.3	231.6	182.8	134.0	114.7	96.5	77.2
72.5°	470.1	387.2	303.2	268.0	232.8	197.6	162.4	137.4	112.4	86.3
75°	389.5	331.6	273.7	244.1	215.7	186.2	156.7	134.0	112.4	89.7
77.5°	258.9	236.2	212.3	195.3	178.3	160.1	143.1	123.8	105.6	86.3
80°	90.8	87.4	84.0	90.8	97.7	104.5	111.3	97.7	85.2	71.5
82.5°	13.6	12.5	11.4	12.5	13.6	14.8	15.9	17.0	18.2	19.3
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°	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
0.0	2.5°	55.6	55.6	54.5	54.5	54.5	53.4	53.4	52.2	52.2	52.2
0.0	5°	54.5	54.5	53.4	52.2	51.1	51.1	50.0	48.8	48.8	47.7
0.0	7.5°	53.4	52.2	51.1	50.0	48.8	47.7	46.6	45.4	45.4	44.3
0.0	10°	54.5	52.2	51.1	48.8	47.7	46.6	44.3	43.1	42.0	42.0
0.0	12.5°	52.2	51.1	48.8	46.6	45.4	43.1	42.0	39.7	38.6	38.6
0.0	15°	52.2	50.0	46.6	44.3	42.0	40.9	38.6	36.3	35.2	34.1
0.0	17.5°	48.8	46.6	43.1	40.9	38.6	36.3	34.1	31.8	30.7	29.5
0.0	20°	44.3	42.0	38.6	35.2	32.9	30.7	28.4	26.1	25.0	23.8
0.0	22.5°	39.7	37.5	34.1	30.7	28.4	26.1	22.7	20.4	19.3	17.0
0.0	25°	37.5	34.1	30.7	27.3	23.8	21.6	18.2	14.8	12.5	10.2
0.0	27.5°	31.8	28.4	25.0	21.6	18.2	14.8	11.4	7.9	5.7	4.5
0.0	30°	27.3	23.8	20.4	17.0	12.5	9.1	5.7	1.1	1.1	1.1
0.0	32.5°	22.7	19.3	14.8	11.4	9.1	5.7	3.4	0.0	0.0	0.0
0.0	35°	18.2	14.8	10.2	6.8	5.7	3.4	2.3	0.0	0.0	0.0
0.0	37.5°	15.9	12.5	7.9	3.4	2.3	2.3	1.1	0.0	0.0	0.0
0.0	40°	14.8	10.2	5.7	1.1	1.1	1.1	0.0	0.0	0.0	0.0
0.0	42.5°	14.8	10.2	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	14.8	10.2	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	14.8	10.2	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	15.9	11.4	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	18.2	13.6	9.1	4.5	3.4	2.3	1.1	0.0	0.0	0.0
0.0	55°	22.7	20.4	17.0	14.8	11.4	7.9	3.4	0.0	0.0	0.0
0.0	57.5°	29.5	29.5	28.4	27.3	20.4	13.6	6.8	0.0	0.0	0.0
0.0	60°	39.7	39.7	39.7	39.7	29.5	20.4	10.2	0.0	0.0	0.0
0.0	62.5°	48.8	46.6	43.1	40.9	30.7	20.4	10.2	0.0	0.0	0.0
0.0	65°	48.8	44.3	38.6	32.9	25.0	17.0	7.9	0.0	0.0	0.0
0.0	67.5°	45.4	36.3	26.1	17.0	12.5	9.1	4.5	0.0	0.0	0.0
	70°	45.4	31.8	18.2	4.5	3.4	2.3	1.1	0.0	0.0	0.0
	72.5°	45.4	30.7	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	50.0	34.1	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	50.0	34.1	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	44.3	29.5	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	14.8	10.2	4.5	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°	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
0.0	2.5°	51.1	51.1	51.1	50.0	50.0	50.0	50.0	48.8	48.8	48.8
0.0	5°	46.6	46.6	45.4	45.4	44.3	44.3	43.1	43.1	42.0	42.0
0.0	7.5°	43.1	42.0	42.0	40.9	39.7	39.7	38.6	38.6	37.5	36.3
0.0	10°	39.7	38.6	38.6	37.5	36.3	35.2	35.2	34.1	32.9	31.8
0.0	12.5°	36.3	35.2	34.1	32.9	31.8	30.7	30.7	29.5	28.4	27.3
0.0	15°	31.8	30.7	29.5	28.4	27.3	26.1	26.1	25.0	23.8	22.7
0.0	17.5°	27.3	26.1	26.1	25.0	23.8	22.7	21.6	19.3	18.2	17.0
0.0	20°	20.4	19.3	18.2	17.0	15.9	13.6	12.5	10.2	7.9	6.8
0.0	22.5°	13.6	11.4	10.2	7.9	5.7	4.5	3.4	1.1	0.0	0.0
0.0	25°	4.5	3.4	2.3	1.1	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: P1048967

CATALOG NUMBER: GALN-SA3C-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048967

CATALOG NUMBER: GALN-SA3C-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°	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
0.0	2.5°	47.7	47.7	47.7	46.6	46.6	46.6	46.6	46.6	46.6	46.6
0.0	5°	40.9	40.9	40.9	39.7	39.7	38.6	38.6	38.6	37.5	37.5
0.0	7.5°	35.2	34.1	34.1	32.9	32.9	31.8	31.8	31.8	30.7	30.7
0.0	10°	29.5	28.4	28.4	27.3	27.3	26.1	26.1	25.0	25.0	23.8
0.0	12.5°	26.1	25.0	23.8	22.7	22.7	21.6	20.4	20.4	19.3	18.2
0.0	15°	20.4	19.3	18.2	17.0	15.9	14.8	13.6	13.6	12.5	11.4
0.0	17.5°	13.6	11.4	10.2	9.1	9.1	7.9	6.8	5.7	4.5	3.4
0.0	20°	3.4	2.3	1.1	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



REPORT NUMBER: P1048967

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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1048967

CATALOG NUMBER: GALN-SA3C-730-U-RBC

CANDELA DISTRIBUTION (continued):

107.5°		110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°
0.0	0°	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
0.0	2.5°	46.6	45.4	45.4	45.4	46.6	46.6	46.6	46.6	46.6	46.6
0.0	5°	37.5	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
0.0	7.5°	30.7	29.5	29.5	29.5	29.5	28.4	28.4	28.4	28.4	28.4
0.0	10°	23.8	22.7	22.7	22.7	22.7	21.6	21.6	21.6	21.6	21.6
0.0	12.5°	17.0	17.0	15.9	15.9	15.9	14.8	14.8	14.8	14.8	13.6
0.0	15°	10.2	9.1	7.9	7.9	7.9	6.8	6.8	6.8	6.8	5.7
0.0	17.5°	2.3	2.3	1.1	1.1	1.1	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

CATALOG NUMBER: GALN-SA3C-730-U-RBC

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°	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
0.0	2.5°	47.7	47.7	48.8	48.8	50.0	52.2	53.4	54.5	56.8	59.0
0.0	5°	37.5	38.6	38.6	39.7	40.9	42.0	43.1	44.3	46.6	48.8
0.0	7.5°	29.5	29.5	30.7	30.7	31.8	34.1	35.2	36.3	38.6	42.0
0.0	10°	22.7	22.7	23.8	23.8	25.0	27.3	28.4	29.5	31.8	35.2
0.0	12.5°	14.8	15.9	15.9	17.0	18.2	20.4	21.6	22.7	25.0	27.3
0.0	15°	6.8	7.9	7.9	9.1	10.2	12.5	13.6	14.8	17.0	20.4
0.0	17.5°	1.1	1.1	2.3	2.3	3.4	4.5	5.7	6.8	10.2	12.5
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	4.5
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
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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CATALOG NUMBER: GALN-SA3C-730-U-RBC

CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
0.0	2.5°	62.5	64.7	67.0	69.3	71.5	73.8	74.9	77.2	78.4	79.5
0.0	5°	53.4	55.6	59.0	61.3	63.6	65.9	68.1	69.3	70.4	71.5
0.0	7.5°	46.6	48.8	52.2	54.5	56.8	59.0	61.3	63.6	64.7	65.9
0.0	10°	39.7	43.1	45.4	48.8	51.1	53.4	55.6	57.9	60.2	61.3
0.0	12.5°	31.8	35.2	38.6	40.9	44.3	47.7	50.0	52.2	54.5	56.8
0.0	15°	25.0	28.4	31.8	34.1	37.5	40.9	44.3	46.6	48.8	51.1
0.0	17.5°	18.2	21.6	25.0	27.3	30.7	34.1	36.3	39.7	42.0	44.3
0.0	20°	9.1	12.5	15.9	19.3	22.7	26.1	28.4	31.8	34.1	36.3
0.0	22.5°	1.1	4.5	7.9	10.2	13.6	17.0	19.3	22.7	25.0	27.3
0.0	25°	0.0	1.1	3.4	4.5	5.7	7.9	10.2	12.5	14.8	17.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.1	2.3	4.5	6.8	9.1
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	2.3
	85°	0.0	0.0	0.0	0.0	0.0	2.3	3.4	5.7	6.8	7.9
	87.5°	0.0	1.1	2.3	3.4	4.5	6.8	9.1	11.4	12.5	13.6
	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: P1048967

CATALOG NUMBER: GALN-SA3C-730-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
65.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.1											
4.5											
10.2											
14.8											
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REPORT NUMBER: P1048967

CATALOG NUMBER: GALN-SA3C-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°	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
0.0	2.5°	80.6	80.6	80.6	80.6	79.5	79.5	79.5	78.4	78.4	77.2
0.0	5°	73.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	73.8	73.8
0.0	7.5°	68.1	69.3	70.4	70.4	71.5	71.5	71.5	70.4	70.4	69.3
0.0	10°	64.7	65.9	65.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
0.0	12.5°	60.2	61.3	62.5	62.5	63.6	63.6	63.6	63.6	62.5	62.5
0.0	15°	54.5	56.8	57.9	59.0	59.0	60.2	60.2	60.2	60.2	60.2
0.0	17.5°	50.0	52.2	53.4	54.5	54.5	55.6	55.6	56.8	56.8	56.8
0.0	20°	40.9	43.1	44.3	46.6	47.7	48.8	50.0	51.1	51.1	52.2
0.0	22.5°	31.8	34.1	35.2	37.5	38.6	39.7	40.9	42.0	43.1	44.3
0.0	25°	22.7	25.0	26.1	28.4	29.5	30.7	31.8	32.9	32.9	34.1
0.0	27.5°	12.5	14.8	17.0	18.2	20.4	21.6	22.7	23.8	25.0	26.1
0.0	30°	5.7	6.8	7.9	10.2	11.4	12.5	13.6	15.9	17.0	18.2
0.0	32.5°	0.0	0.0	1.1	3.4	4.5	5.7	6.8	7.9	7.9	9.1
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.3	3.4	4.5
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	2.3	2.3	2.3	3.4	3.4	3.4	3.4	3.4	3.4	3.4
	82.5°	5.7	6.8	7.9	7.9	9.1	9.1	9.1	9.1	7.9	7.9
	85°	11.4	12.5	13.6	13.6	14.8	14.8	14.8	14.8	14.8	14.8
	87.5°	15.9	17.0	18.2	18.2	19.3	19.3	19.3	19.3	19.3	19.3
	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: P1048967

CATALOG NUMBER: GALN-SA3C-730-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
65.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	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											
3.4											
7.9											
14.8											
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REPORT NUMBER: P1048967

CATALOG NUMBER: GALN-SA3C-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°	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
0.0	2.5°	76.1	76.1	74.9	74.9	74.9	74.9	74.9	76.1	77.2	77.2
0.0	5°	72.7	72.7	71.5	71.5	71.5	72.7	72.7	73.8	74.9	76.1
0.0	7.5°	69.3	68.1	68.1	69.3	69.3	70.4	70.4	71.5	72.7	73.8
0.0	10°	67.0	65.9	65.9	65.9	67.0	67.0	68.1	69.3	70.4	71.5
0.0	12.5°	62.5	62.5	62.5	62.5	63.6	63.6	64.7	65.9	68.1	69.3
0.0	15°	60.2	59.0	59.0	59.0	59.0	60.2	60.2	62.5	64.7	65.9
0.0	17.5°	55.6	55.6	54.5	54.5	55.6	55.6	56.8	59.0	61.3	62.5
0.0	20°	51.1	50.0	48.8	48.8	50.0	50.0	51.1	53.4	55.6	56.8
0.0	22.5°	44.3	43.1	43.1	43.1	43.1	44.3	44.3	46.6	50.0	52.2
0.0	25°	35.2	36.3	36.3	37.5	37.5	38.6	39.7	42.0	45.4	47.7
0.0	27.5°	27.3	28.4	28.4	30.7	31.8	32.9	34.1	37.5	40.9	43.1
0.0	30°	20.4	21.6	22.7	23.8	26.1	28.4	30.7	34.1	37.5	39.7
0.0	32.5°	12.5	14.8	15.9	18.2	20.4	22.7	25.0	28.4	32.9	36.3
0.0	35°	9.1	10.2	12.5	13.6	15.9	18.2	20.4	25.0	28.4	32.9
0.0	37.5°	4.5	6.8	9.1	11.4	13.6	15.9	18.2	22.7	27.3	30.7
0.0	40°	3.4	5.7	6.8	9.1	12.5	14.8	17.0	21.6	26.1	30.7
0.0	42.5°	2.3	3.4	4.5	7.9	10.2	13.6	17.0	21.6	26.1	30.7
0.0	45°	2.3	2.3	3.4	6.8	10.2	14.8	18.2	22.7	26.1	30.7
0.0	47.5°	2.3	3.4	4.5	9.1	11.4	14.8	18.2	21.6	26.1	29.5
0.0	50°	3.4	4.5	5.7	10.2	12.5	15.9	18.2	22.7	26.1	30.7
0.0	52.5°	2.3	3.4	4.5	9.1	12.5	17.0	20.4	25.0	29.5	32.9
0.0	55°	1.1	1.1	1.1	6.8	13.6	19.3	26.1	29.5	34.1	37.5
0.0	57.5°	0.0	0.0	0.0	4.5	13.6	21.6	29.5	34.1	38.6	42.0
0.0	60°	0.0	0.0	0.0	4.5	13.6	21.6	29.5	35.2	40.9	46.6
0.0	62.5°	0.0	0.0	0.0	4.5	11.4	18.2	25.0	34.1	44.3	53.4
0.0	65°	0.0	0.0	0.0	3.4	9.1	14.8	20.4	34.1	47.7	60.2
0.0	67.5°	0.0	0.0	0.0	3.4	9.1	13.6	19.3	34.1	47.7	62.5
	70°	0.0	0.0	0.0	3.4	9.1	14.8	20.4	34.1	47.7	61.3
	72.5°	0.0	0.0	0.0	3.4	10.2	15.9	22.7	34.1	45.4	56.8
	75°	0.0	0.0	0.0	4.5	10.2	17.0	23.8	34.1	44.3	53.4
	77.5°	0.0	0.0	0.0	3.4	10.2	15.9	22.7	32.9	43.1	52.2
	80°	3.4	2.3	2.3	5.7	10.2	14.8	19.3	29.5	40.9	51.1
	82.5°	6.8	6.8	5.7	7.9	10.2	13.6	17.0	26.1	36.3	45.4
	85°	13.6	13.6	12.5	13.6	13.6	14.8	15.9	20.4	25.0	29.5
	87.5°	18.2	18.2	17.0	17.0	17.0	15.9	15.9	15.9	15.9	14.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
65.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.9											
68.1											
63.6											
62.5											
61.3											
54.5											
34.1											
14.8											
0.0											
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REPORT NUMBER: P1048967

CATALOG NUMBER: GALN-SA3C-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°	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
0.0	2.5°	79.5	80.6	80.6	81.8	82.9	84.0	84.0	85.2	85.2	85.2
0.0	5°	78.4	80.6	81.8	82.9	84.0	85.2	86.3	87.4	88.6	88.6
0.0	7.5°	77.2	78.4	80.6	81.8	84.0	85.2	87.4	88.6	89.7	90.8
0.0	10°	74.9	77.2	79.5	81.8	84.0	86.3	88.6	90.8	93.1	94.2
0.0	12.5°	72.7	76.1	78.4	80.6	84.0	87.4	89.7	93.1	95.4	97.7
0.0	15°	71.5	73.8	77.2	79.5	84.0	88.6	92.0	96.5	101.1	104.5
0.0	17.5°	68.1	72.7	76.1	79.5	84.0	89.7	94.2	98.8	105.6	112.4
0.0	20°	63.6	67.0	71.5	74.9	81.8	87.4	94.2	99.9	110.1	120.4
0.0	22.5°	59.0	63.6	67.0	71.5	79.5	86.3	94.2	101.1	118.1	134.0
0.0	25°	54.5	60.2	64.7	69.3	78.4	87.4	96.5	105.6	134.0	162.4
0.0	27.5°	52.2	56.8	62.5	67.0	78.4	90.8	102.2	113.6	159.0	203.3
0.0	30°	48.8	54.5	59.0	64.7	79.5	94.2	109.0	123.8	193.0	262.3
0.0	32.5°	45.4	51.1	56.8	62.5	81.8	101.1	119.2	138.5	229.4	319.1
0.0	35°	42.0	48.8	54.5	60.2	85.2	111.3	136.3	161.2	262.3	362.2
0.0	37.5°	40.9	47.7	53.4	59.0	86.3	112.4	139.7	165.8	265.7	365.6
0.0	40°	42.0	47.7	54.5	60.2	82.9	105.6	127.2	149.9	254.4	357.7
0.0	42.5°	42.0	48.8	55.6	62.5	80.6	98.8	117.0	135.1	250.9	366.8
0.0	45°	40.9	47.7	54.5	61.3	78.4	94.2	111.3	127.2	271.4	414.5
0.0	47.5°	39.7	46.6	53.4	60.2	77.2	94.2	111.3	128.3	350.9	572.3
0.0	50°	39.7	46.6	52.2	57.9	78.4	99.9	120.4	140.8	511.0	880.0
0.0	52.5°	42.0	47.7	52.2	56.8	80.6	105.6	129.4	153.3	649.5	1144.6
0.0	55°	45.4	48.8	53.4	56.8	86.3	114.7	144.2	172.6	691.5	1210.5
0.0	57.5°	50.0	53.4	56.8	60.2	96.5	132.9	168.1	204.4	694.9	1184.3
0.0	60°	55.6	60.2	63.6	67.0	105.6	145.3	184.0	222.6	629.1	1034.4
0.0	62.5°	68.1	73.8	78.4	84.0	121.5	157.8	195.3	231.6	522.3	813.0
0.0	65°	78.4	82.9	87.4	92.0	128.3	165.8	202.1	238.5	442.8	647.2
0.0	67.5°	80.6	85.2	88.6	93.1	130.6	168.1	204.4	241.9	379.3	515.5
	70°	81.8	87.4	94.2	99.9	138.5	177.1	214.6	253.2	336.1	419.0
	72.5°	78.4	89.7	99.9	110.1	146.5	181.7	218.0	253.2	312.3	371.3
	75°	78.4	94.2	109.0	123.8	151.0	177.1	204.4	230.5	275.9	321.3
	77.5°	82.9	103.3	123.8	144.2	160.1	174.9	190.8	205.5	235.1	264.6
	80°	82.9	104.5	124.9	146.5	153.3	161.2	168.1	174.9	178.3	181.7
	82.5°	71.5	88.6	105.6	122.6	114.7	106.7	98.8	90.8	85.2	78.4
	85°	36.3	39.7	42.0	44.3	40.9	37.5	34.1	30.7	28.4	25.0
	87.5°	14.8	14.8	13.6	13.6	13.6	13.6	12.5	12.5	12.5	12.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048967

CATALOG NUMBER: GALN-SA3C-730-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
65.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
241.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
336.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
455.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
568.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
646.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
704.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
761.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
875.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1102.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1680.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2574.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3240.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3314.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2990.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2557.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1998.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1510.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1115.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
789.2											
587.1											
427.0											
321.3											
180.5											
81.8											
23.8											
11.4											
0.0											
0.0											
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REPORT NUMBER: P1048967

CATALOG NUMBER: GALN-SA3C-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°	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
0.0	2.5°	85.2	84.0	84.0	82.9	81.8	80.6	79.5	78.4	77.2	76.1
0.0	5°	88.6	88.6	88.6	87.4	87.4	86.3	86.3	85.2	84.0	82.9
0.0	7.5°	92.0	93.1	93.1	94.2	94.2	94.2	94.2	93.1	93.1	93.1
0.0	10°	97.7	98.8	99.9	101.1	102.2	103.3	103.3	104.5	104.5	104.5
0.0	12.5°	104.5	107.9	110.1	113.6	115.8	119.2	121.5	124.9	127.2	129.4
0.0	15°	114.7	120.4	127.2	132.9	138.5	146.5	155.6	163.5	171.5	184.0
0.0	17.5°	129.4	147.6	165.8	182.8	201.0	240.7	280.5	319.1	358.8	416.7
0.0	20°	157.8	212.3	265.7	320.2	373.6	513.3	651.8	791.5	930.0	1078.7
0.0	22.5°	221.4	355.4	489.4	623.4	757.4	1049.2	1339.9	1631.7	1922.4	2264.2
0.0	25°	321.3	567.8	814.2	1059.4	1305.8	1762.3	2219.9	2676.4	3132.9	3576.9
0.0	27.5°	467.8	844.8	1221.8	1597.7	1974.7	2593.5	3213.5	3832.3	4451.2	4953.1
0.0	30°	648.4	1159.4	1670.3	2181.3	2692.3	3396.3	4100.3	4803.2	5507.2	6055.7
0.0	32.5°	818.7	1444.4	2070.0	2694.6	3320.2	4121.9	4924.7	5726.4	6528.0	7127.6
0.0	35°	930.0	1686.2	2443.6	3199.9	3956.1	4823.6	5691.2	6557.6	7425.1	8109.8
0.0	37.5°	1041.3	1914.5	2786.5	3659.7	4531.8	5484.5	6437.2	7389.9	8342.6	9188.5
0.0	40°	1166.2	2190.4	3213.5	4237.7	5260.8	6389.5	7517.1	8645.8	9773.3	10966.8
0.0	42.5°	1383.1	2648.0	3914.1	5179.1	6444.0	7937.2	9430.4	10922.5	12415.7	14118.9
0.0	45°	1790.7	3573.4	5357.3	7140.1	8922.8	10900.9	12880.1	14858.1	16836.2	19102.7
0.0	47.5°	2788.8	5241.5	7693.1	10145.8	12597.3	14733.2	16868.0	19003.9	21138.6	23396.0
0.0	50°	4267.2	7121.9	9976.6	12830.1	15684.8	17617.4	19548.9	21481.6	23413.1	25560.3
0.0	52.5°	5336.9	8310.8	11285.8	14259.7	17233.6	18977.8	20723.0	22467.2	24211.3	26217.8
0.0	55°	5417.5	8374.4	11332.4	14289.3	17246.1	18998.2	20750.3	22502.4	24254.5	26381.3
0.0	57.5°	4796.4	7729.4	10661.3	13594.3	16526.2	18521.3	20515.3	22510.3	24504.3	26803.7
0.0	60°	4079.9	7014.0	9947.1	12881.2	15814.2	18112.5	20411.9	22710.2	25008.5	27162.5
0.0	62.5°	3182.8	6201.0	9220.3	12238.5	15256.7	17590.2	19923.7	22256.0	24589.5	26205.3
0.0	65°	2372.1	5302.8	8233.6	11163.2	14093.9	15963.0	17832.0	19700.0	21569.0	22569.4
0.0	67.5°	1714.6	4242.3	6768.8	9296.4	11822.9	13160.6	14498.2	15834.7	17172.3	17937.6
	70°	1159.4	2910.3	4660.1	6411.1	8160.9	9260.1	10360.4	11459.6	12558.7	13592.0
	72.5°	802.8	1786.2	2770.6	3754.0	4737.3	5843.3	6948.2	8054.2	9159.0	10252.5
	75°	532.6	979.9	1428.5	1875.9	2323.3	3142.0	3961.8	4780.5	5599.2	6251.0
	77.5°	378.1	512.1	647.2	781.2	915.2	1068.5	1222.9	1376.2	1529.5	1762.3
	80°	179.4	196.4	213.5	229.4	246.4	302.0	357.7	413.3	469.0	528.0
	82.5°	85.2	92.0	98.8	104.5	111.3	117.0	122.6	128.3	134.0	128.3
	85°	22.7	22.7	23.8	23.8	23.8	23.8	23.8	23.8	23.8	22.7
	87.5°	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.1	9.1	7.9
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
65.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
197.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
473.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1228.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2606.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4020.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5455.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6605.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7728.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8794.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10035.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12160.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15822.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21369.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25653.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27707.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28224.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28509.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29103.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29315.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27822.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23570.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18704.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14624.2											
11346.0											
6902.8											
1995.1											
587.1											
121.5											
21.6											
7.9											
0.0											
0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
0.0	2.5°	73.8	72.7	71.5	70.4	69.3	67.0	67.0	65.9	65.9
0.0	5°	80.6	79.5	78.4	77.2	77.2	76.1	74.9	74.9	73.8
0.0	7.5°	92.0	90.8	89.7	88.6	88.6	87.4	87.4	86.3	86.3
0.0	10°	105.6	105.6	105.6	105.6	105.6	104.5	104.5	104.5	103.3
0.0	12.5°	132.9	134.0	136.3	138.5	141.9	141.9	141.9	140.8	140.8
0.0	15°	210.1	222.6	231.6	240.7	248.7	266.8	264.6	261.2	258.9
0.0	17.5°	531.4	588.2	618.9	648.4	679.0	763.1	749.4	735.8	723.3
0.0	20°	1377.4	1526.1	1624.9	1723.7	1823.6	1981.5	1942.9	1904.2	1865.6
0.0	22.5°	2946.6	3288.4	3437.2	3585.9	3733.6	3924.3	3800.6	3676.8	3554.1
0.0	25°	4463.7	4907.7	5158.6	5409.6	5659.4	5768.4	5607.1	5444.8	5283.5
0.0	27.5°	5956.9	6458.8	6680.2	6900.5	7121.9	7350.2	7150.3	6949.3	6749.5
0.0	30°	7153.7	7702.2	7941.8	8180.2	8419.8	8578.8	8372.1	8164.3	7957.7
0.0	32.5°	8327.8	8927.4	9189.7	9452.0	9713.1	9941.4	9687.0	9431.5	9177.2
0.0	35°	9478.1	10162.8	10523.9	10885.0	11246.1	11458.4	11156.4	10853.2	10551.2
0.0	37.5°	10881.6	11727.5	12131.8	12536.0	12940.3	13327.5	12994.8	12660.9	12328.2
0.0	40°	13353.6	14547.0	15167.0	15788.1	16408.1	16907.7	16487.6	16067.5	15647.3
0.0	42.5°	17525.5	19228.7	20120.1	21010.3	21901.7	22681.8	22240.1	21798.4	21356.7
0.0	45°	23635.6	25902.1	26988.8	28074.3	29161.0	29731.0	29095.2	28458.1	27822.3
0.0	47.5°	27909.7	30167.1	31134.5	32102.0	33069.4	33720.1	32942.3	32164.4	31387.8
0.0	50°	29853.7	32000.9	32971.8	33941.5	34912.4	35429.0	34530.8	33631.5	32733.3
0.0	52.5°	30229.5	32236.0	33394.2	34553.6	35711.8	36402.2	35341.6	34279.9	33219.3
0.0	55°	30636.0	32762.9	34106.2	35450.6	36793.9	37750.0	36550.9	35350.7	34151.6
0.0	57.5°	31401.4	33700.8	35040.7	36379.5	37719.4	38531.2	37328.7	36125.1	34922.6
0.0	60°	31469.5	33622.4	34773.8	35926.4	37077.8	37588.8	36438.5	35287.1	34136.8
0.0	62.5°	29438.1	31053.9	31853.3	32652.7	33452.1	34007.4	32807.1	31605.8	30405.5
0.0	65°	24571.3	25571.7	26208.7	26845.7	27482.7	28144.7	27045.6	25946.4	24847.2
0.0	67.5°	19469.4	20234.8	21073.9	21913.1	22752.2	23459.6	22579.6	21698.5	20818.4
	70°	15657.5	16689.7	17633.3	18576.9	19520.5	20099.7	19216.2	18331.7	17448.2
	72.5°	12439.5	13533.0	14321.0	15108.0	15896.0	16037.9	15388.4	14738.9	14090.5
	75°	7553.4	8205.2	8221.1	8235.9	8251.7	8386.9	7848.6	7310.4	6773.3
	77.5°	2227.9	2460.6	2652.6	2843.3	3035.2	3266.9	3069.3	2870.6	2673.0
	80°	645.0	704.0	754.0	802.8	852.8	823.2	776.7	730.1	683.6
	82.5°	115.8	109.0	107.9	106.7	106.7	101.1	92.0	82.9	73.8
	85°	20.4	19.3	18.2	17.0	15.9	14.8	12.5	11.4	9.1
	87.5°	6.8	5.7	4.5	3.4	3.4	1.1	1.1	1.1	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]

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CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
0.0	0.0	2.5°	64.7	63.6	63.6	63.6	63.6	62.5	62.5	62.5	62.5
0.0	0.0	5°	71.5	71.5	70.4	70.4	69.3	69.3	68.1	68.1	67.0
0.0	0.0	7.5°	84.0	82.9	81.8	80.6	79.5	77.2	76.1	74.9	74.9
0.0	0.0	10°	101.1	98.8	97.7	95.4	94.2	92.0	89.7	87.4	85.2
0.0	0.0	12.5°	132.9	128.3	124.9	120.4	115.8	112.4	107.9	104.5	99.9
0.0	0.0	15°	230.5	219.2	206.7	191.9	176.0	161.2	145.3	136.3	126.0
0.0	0.0	17.5°	589.3	530.3	470.1	421.3	372.4	324.8	275.9	240.7	205.5
0.0	0.0	20°	1500.0	1336.5	1173.0	1011.7	849.4	688.1	525.7	444.0	362.2
0.0	0.0	22.5°	2822.9	2519.7	2215.4	1921.3	1626.0	1332.0	1037.9	852.8	668.8
0.0	0.0	25°	4357.0	3975.4	3593.9	3110.2	2625.3	2141.6	1657.8	1356.9	1056.0
0.0	0.0	27.5°	5669.6	5230.2	4790.7	4202.5	3614.3	3026.1	2437.9	1989.4	1542.0
0.0	0.0	30°	6806.2	6333.9	5861.5	5176.8	4492.1	3807.4	3122.7	2561.7	2000.8
0.0	0.0	32.5°	7791.9	7226.4	6660.9	5954.6	5248.3	4542.0	3835.8	3147.6	2459.5
0.0	0.0	35°	8928.5	8268.8	7607.9	6824.4	6039.8	5256.3	4472.8	3696.1	2918.3
0.0	0.0	37.5°	10372.9	9563.3	8752.5	7879.3	7006.1	6134.0	5260.8	4372.8	3484.9
0.0	0.0	40°	13137.8	12093.2	11048.5	9939.1	8828.6	7719.2	6609.8	5519.7	4429.6
0.0	0.0	42.5°	18092.1	16680.6	15269.2	13793.0	12315.7	10839.6	9362.3	7824.8	6286.2
0.0	0.0	45°	23683.3	21932.4	20180.3	18523.6	16865.7	15209.0	13552.3	11442.5	9332.8
0.0	0.0	47.5°	26827.5	24936.9	23046.3	21478.2	19910.0	18341.9	16773.7	14499.3	12224.9
0.0	0.0	50°	27984.6	26059.9	24135.3	22692.0	21247.7	19804.4	18360.1	16082.2	13803.3
0.0	0.0	52.5°	28231.0	26267.7	24304.4	22852.1	21399.8	19948.6	18496.3	16233.2	13970.2
0.0	0.0	55°	28737.5	26631.1	24523.6	22868.0	21212.5	19556.9	17901.3	15601.9	13302.5
0.0	0.0	57.5°	29399.5	27239.7	25080.0	23193.9	21307.8	19422.9	17536.8	15022.8	12508.8
0.0	0.0	60°	29225.7	27346.5	25466.1	23446.0	21424.8	19404.7	17383.5	14618.6	11852.4
0.0	0.0	62.5°	26209.8	24713.2	23215.5	21554.2	19891.9	18230.6	16569.4	13722.6	10875.9
0.0	0.0	65°	21562.2	20469.8	19377.5	18041.0	16703.3	15366.9	14030.4	11477.7	8926.2
0.0	0.0	67.5°	17475.5	16244.6	15012.6	13947.5	12881.2	11816.1	10749.9	8741.2	6732.4
		70°	13883.9	12545.1	11205.2	10165.1	9123.8	8083.7	7043.6	5708.2	4374.0
		72.5°	11025.8	9818.8	8611.7	7502.3	6391.8	5282.4	4171.9	3382.7	2593.5
		75°	5269.9	4787.3	4304.7	3724.5	3144.2	2564.0	1983.7	1639.7	1296.8
		77.5°	1953.1	1693.0	1431.9	1195.7	959.5	724.5	488.3	447.4	406.5
		80°	505.3	440.6	374.7	328.2	280.5	233.9	187.4	169.2	152.2
		82.5°	57.9	53.4	50.0	47.7	44.3	42.0	38.6	35.2	31.8
		85°	3.4	2.3	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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CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	65.9	65.9
0.0	0.0	2.5°	61.3	60.2
0.0	0.0	5°	64.7	63.6
0.0	0.0	7.5°	71.5	69.3
0.0	0.0	10°	78.4	76.1
0.0	0.0	12.5°	88.6	85.2
0.0	0.0	15°	99.9	93.1
0.0	0.0	17.5°	119.2	104.5
0.0	0.0	20°	161.2	123.8
0.0	0.0	22.5°	227.1	154.4
0.0	0.0	25°	333.8	213.5
0.0	0.0	27.5°	464.4	283.9
0.0	0.0	30°	617.7	355.4
0.0	0.0	32.5°	752.8	423.5
0.0	0.0	35°	928.8	492.8
0.0	0.0	37.5°	1145.7	581.4
0.0	0.0	40°	1481.8	715.4
0.0	0.0	42.5°	2087.1	962.9
0.0	0.0	45°	3389.5	1664.7
0.0	0.0	47.5°	5215.4	2753.6
0.0	0.0	50°	6380.4	3514.4
0.0	0.0	52.5°	6475.8	3508.7
0.0	0.0	55°	5911.5	3119.2
0.0	0.0	57.5°	5043.9	2607.1
0.0	0.0	60°	4192.3	2062.1
0.0	0.0	62.5°	3303.2	1423.9
0.0	0.0	65°	2414.1	1007.2
0.0	0.0	67.5°	1733.9	752.8
		70°	1140.1	576.8
		72.5°	742.6	470.1
		75°	499.6	389.5
		77.5°	291.8	258.9
		80°	103.3	90.8
		82.5°	19.3	13.6
		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: P1048967

CATALOG NUMBER: GALN-SA3C-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

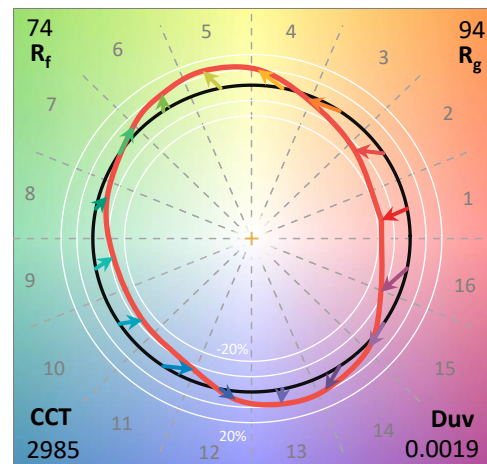
Test Information

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

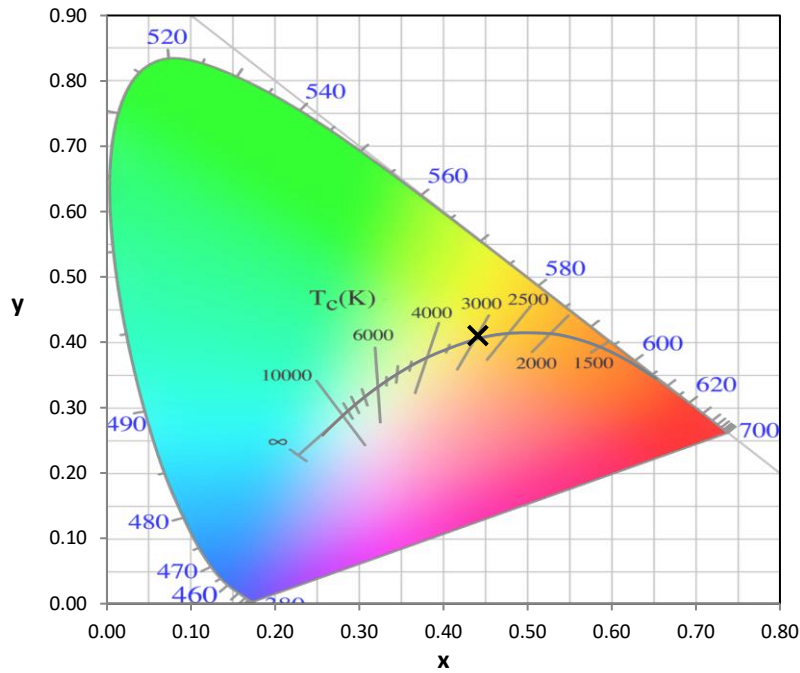
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

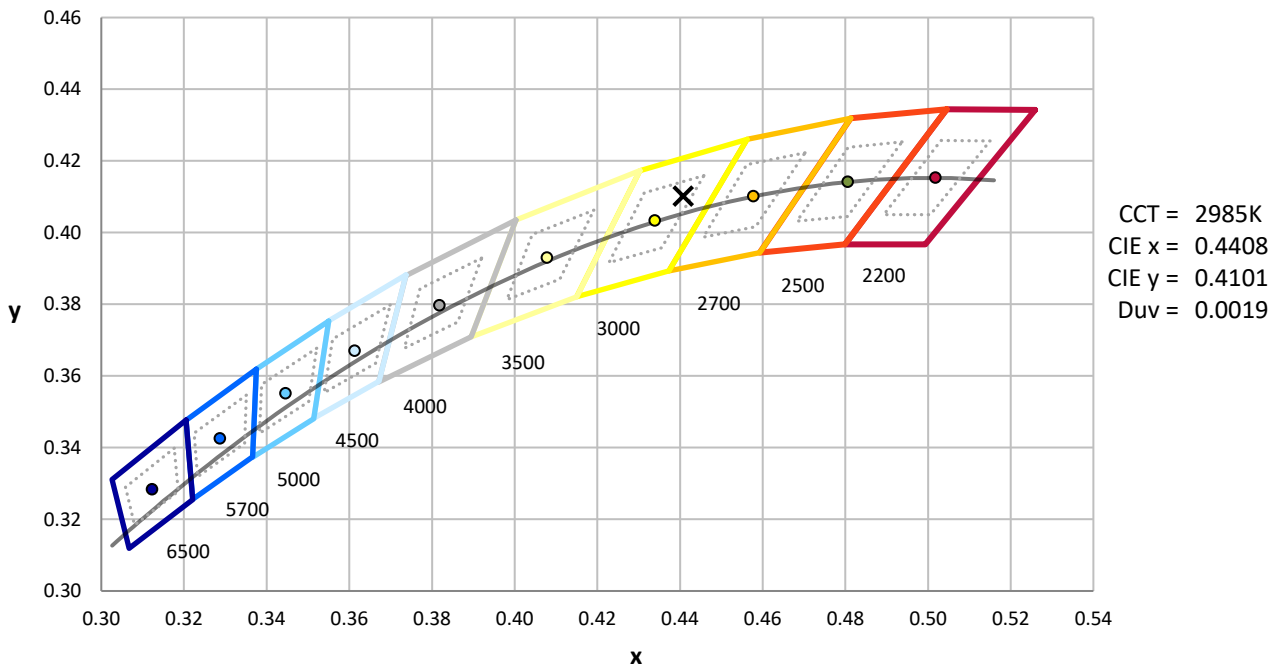
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



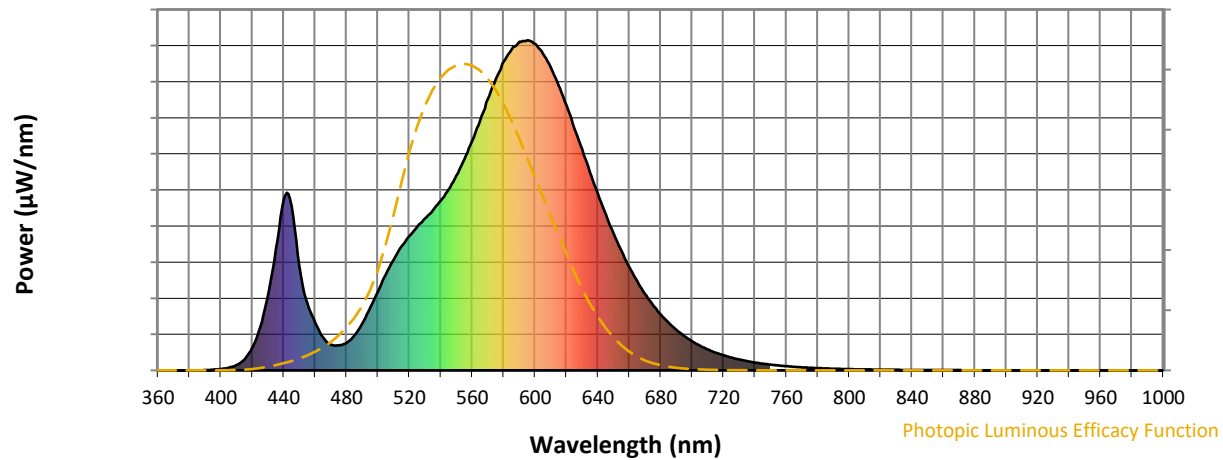
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

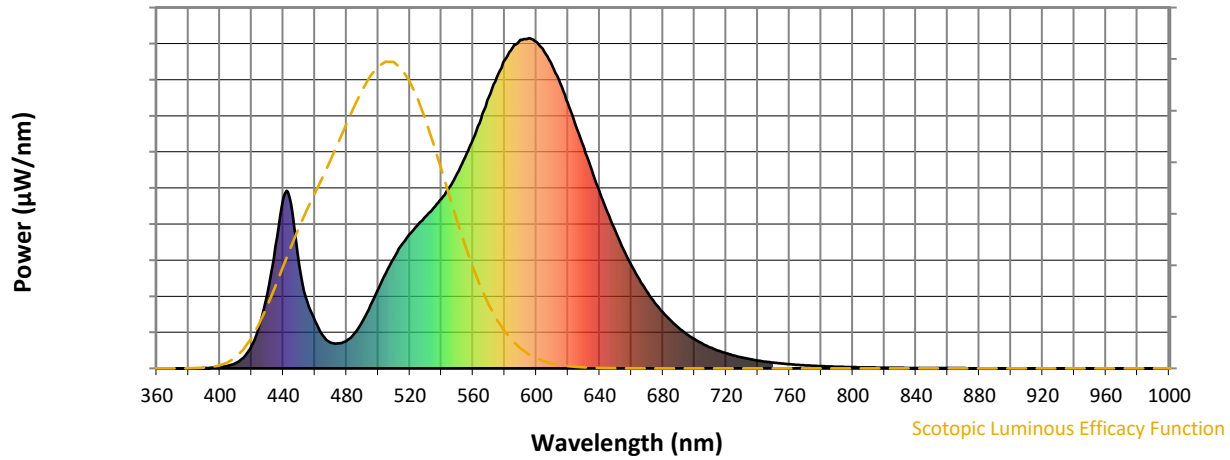


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	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



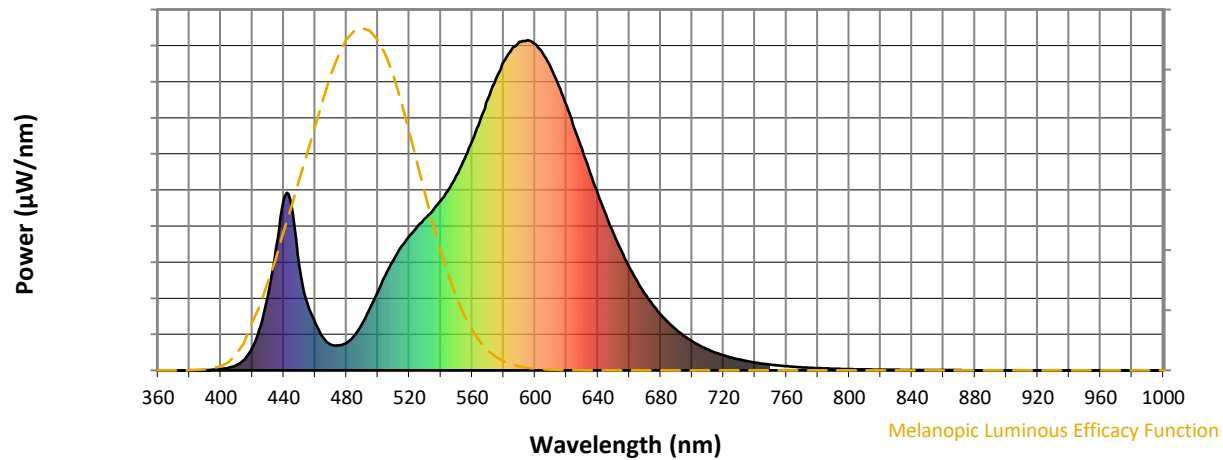
Scotopic Lumens: NR

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

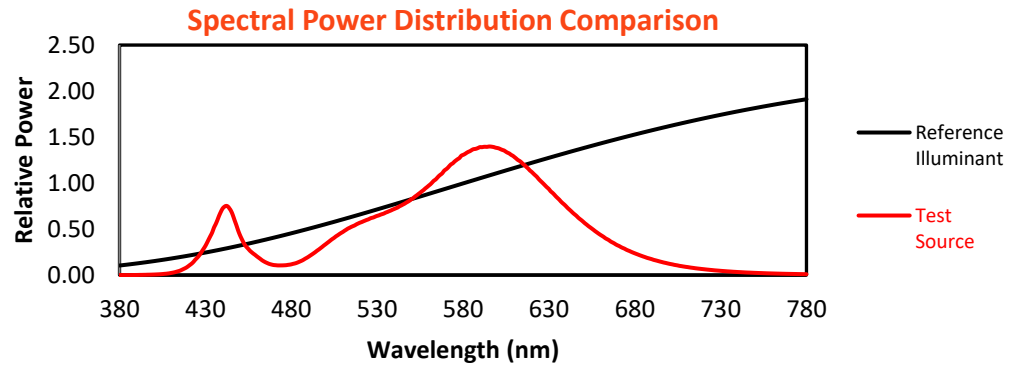
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	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			

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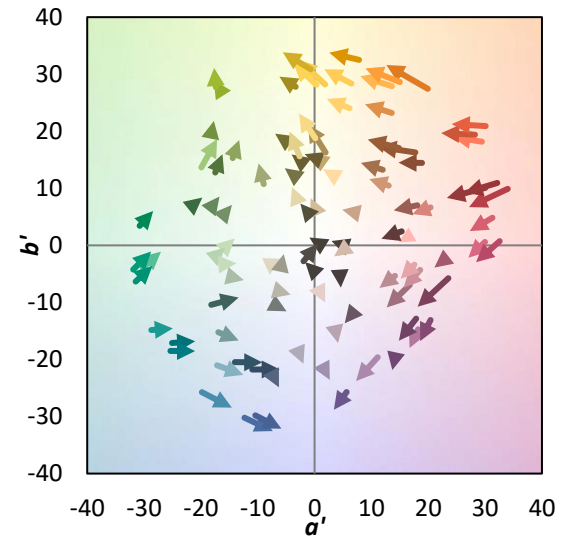
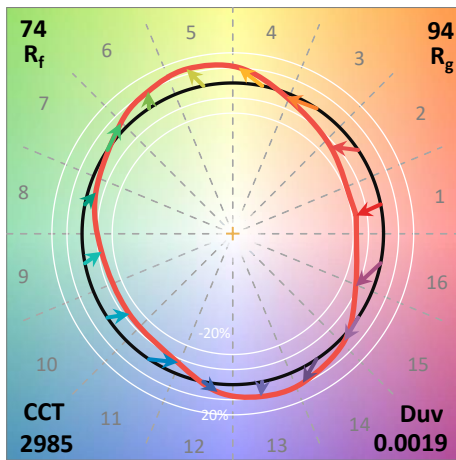
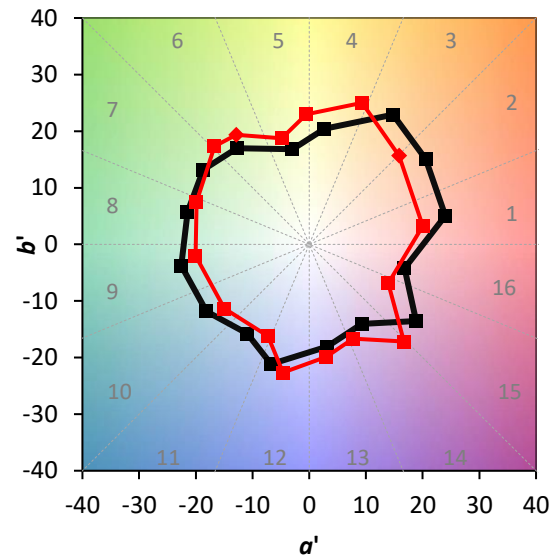
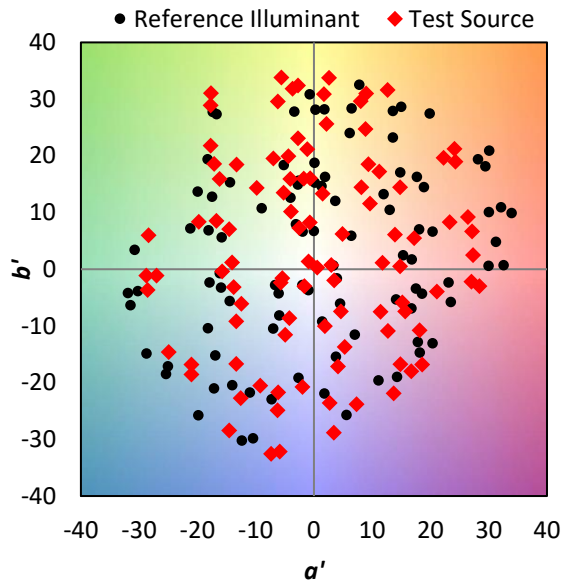
TM-30-18

Summary

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

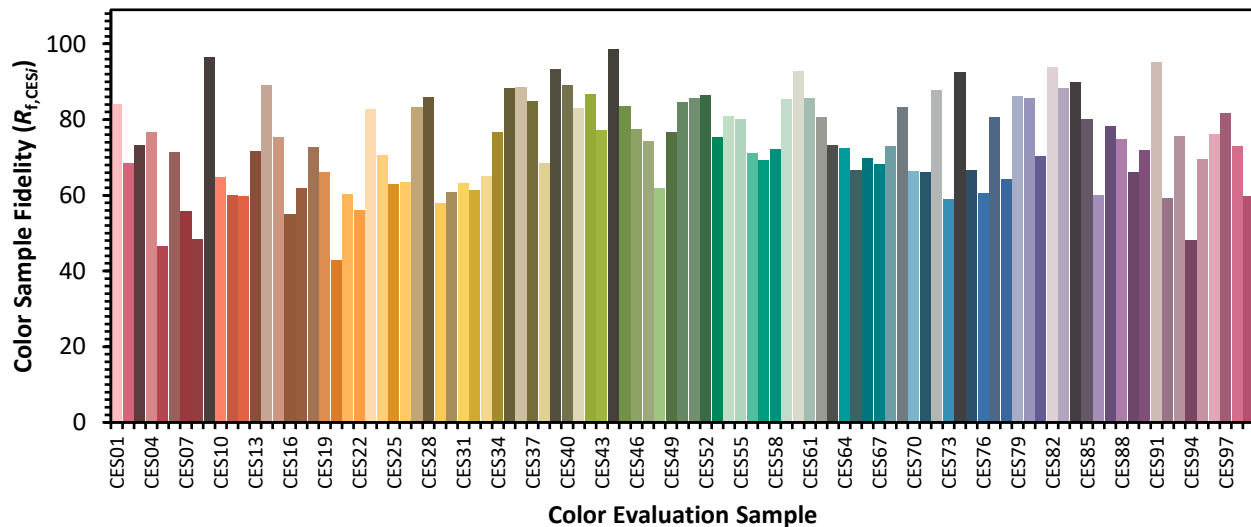


Color Vector Graphics

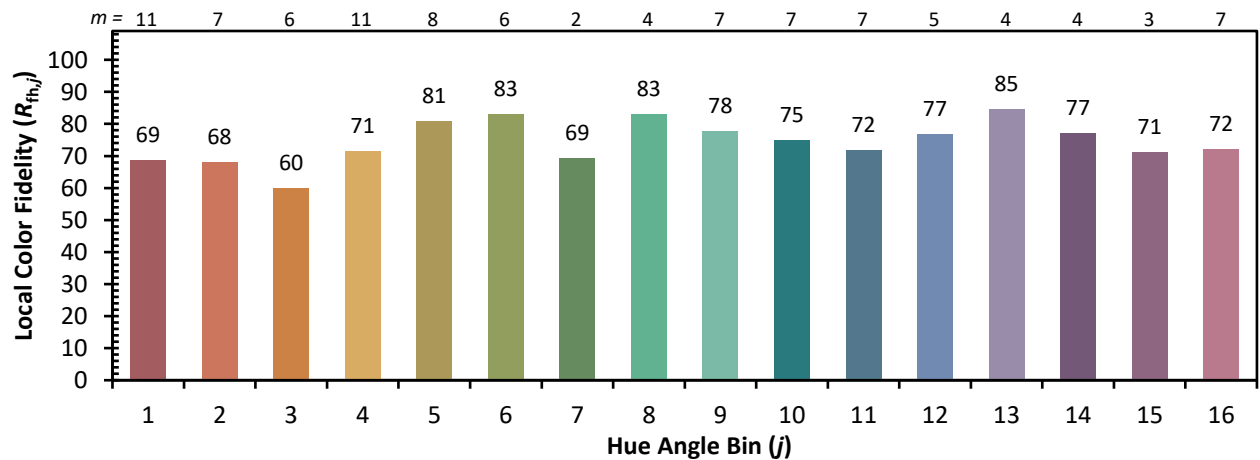
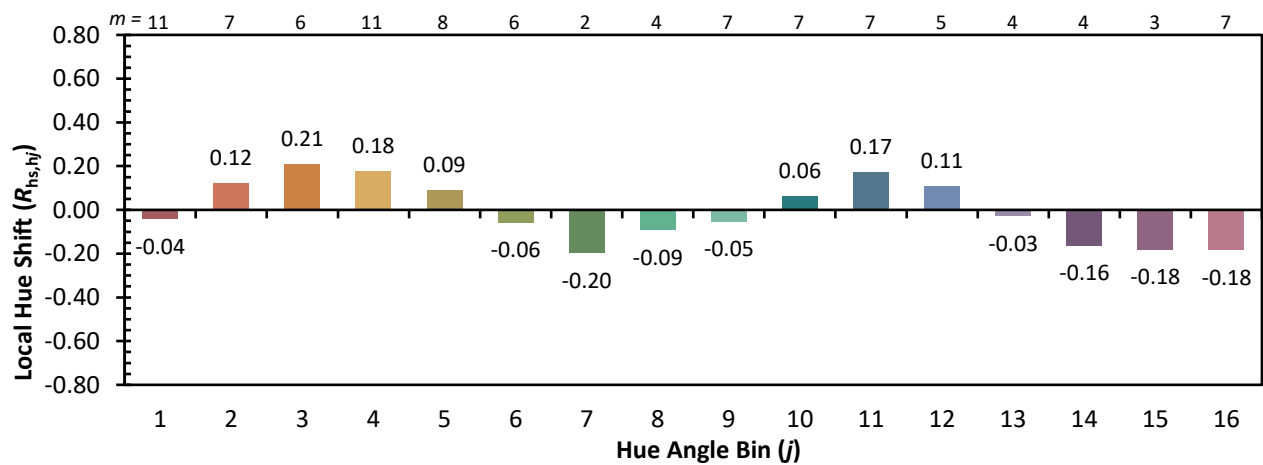
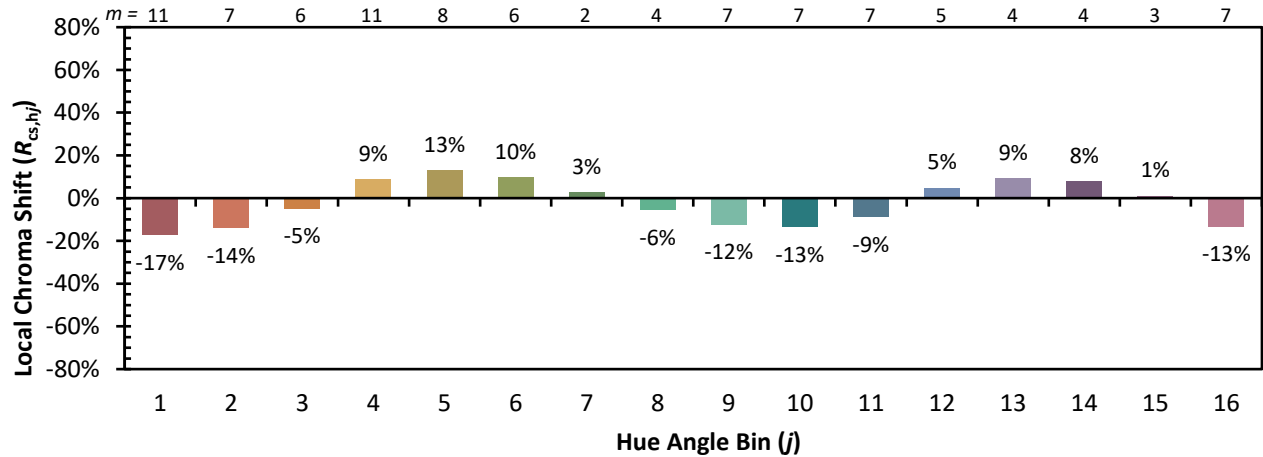


Individual Sample Fidelity Index ($R_{f,i}$)

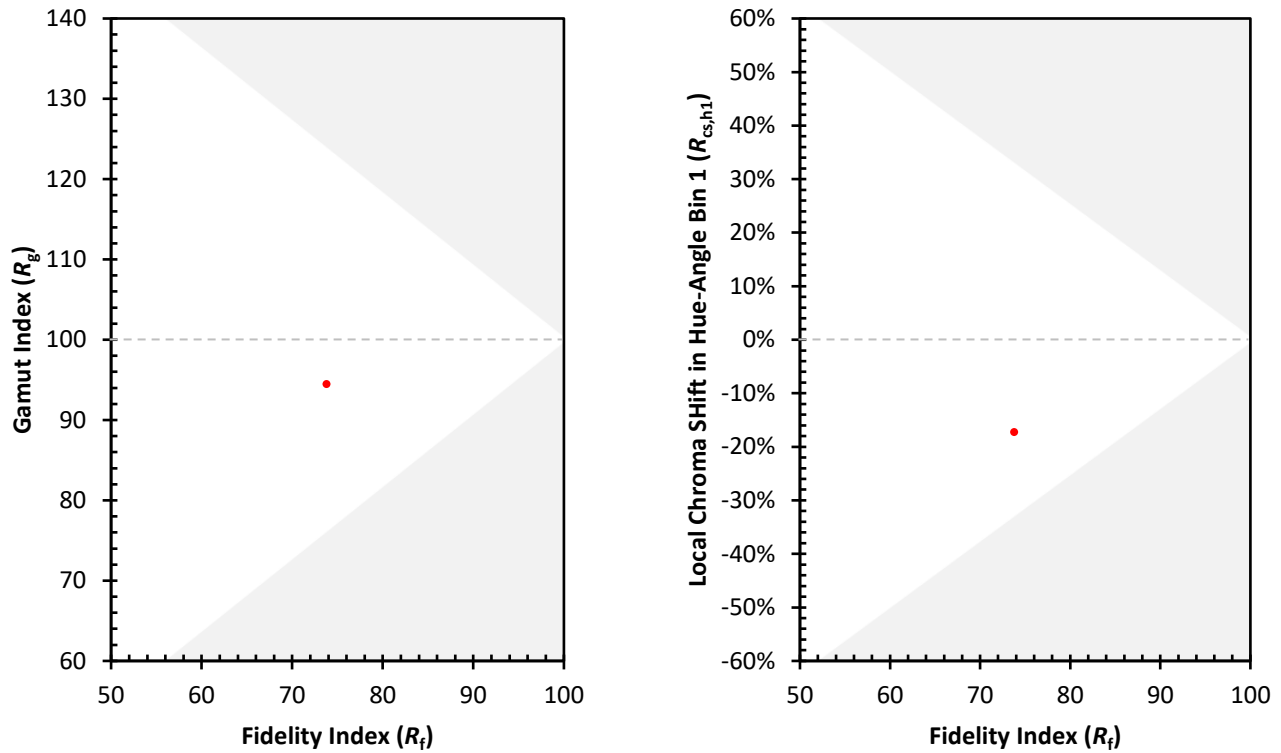
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 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)