

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: P1049343

Luminaire Tested: **GALN-SA7C-930-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049343
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7C-930-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 7xLight Square PACKAGE
90CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (98) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 24365.2 lumens
Efficiency: N/A
Efficacy: 73.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 330
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

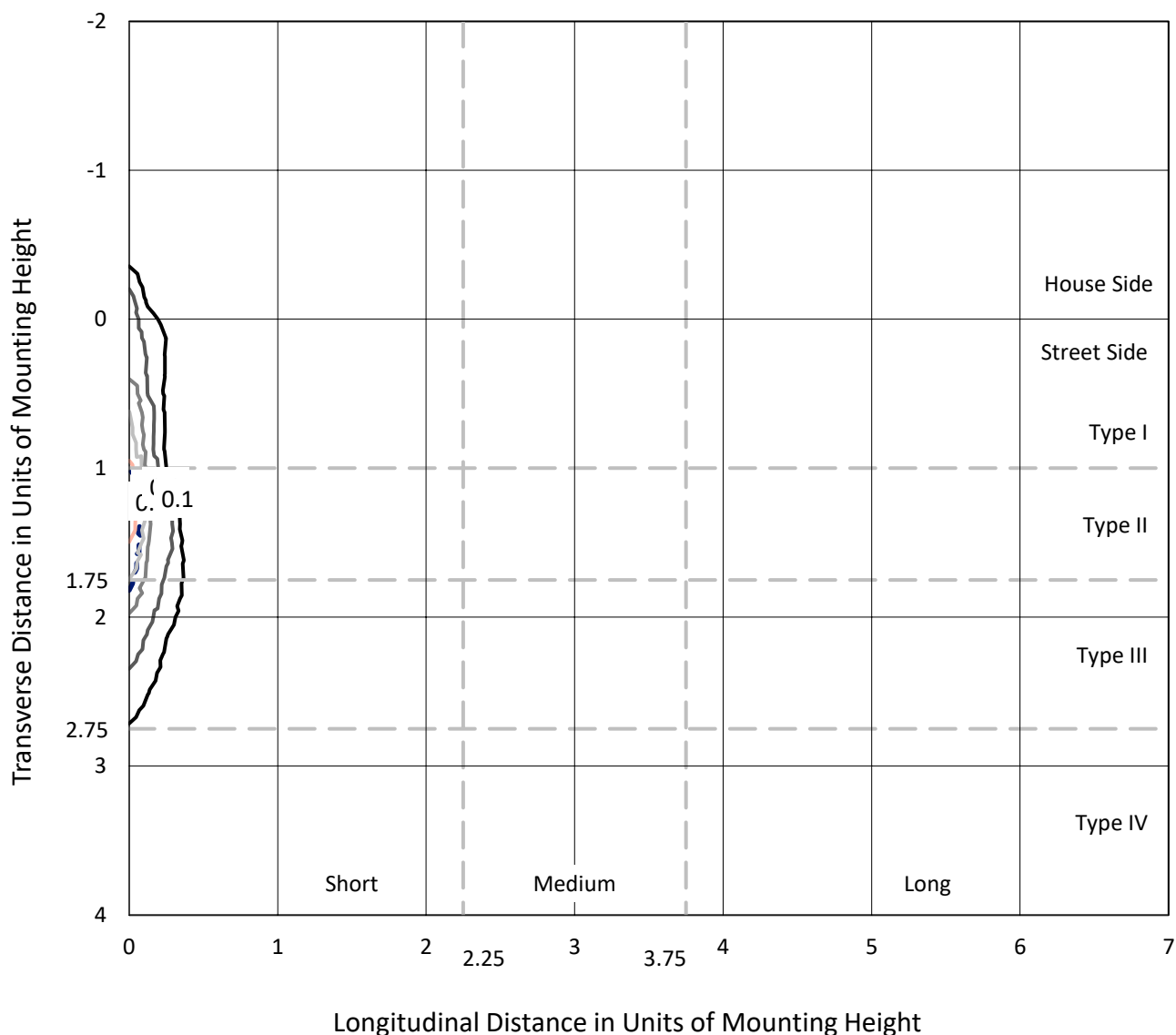
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

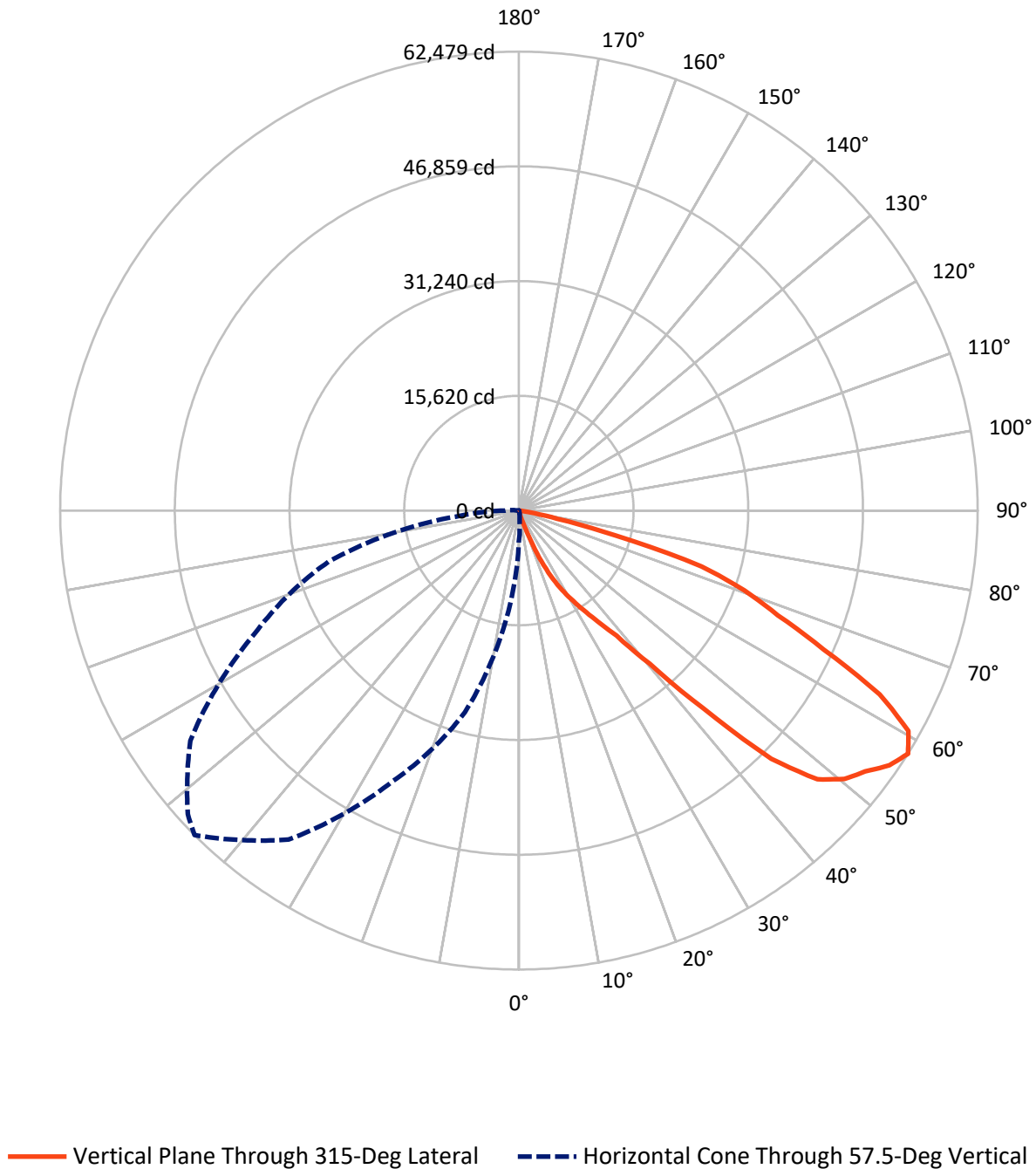


Based on 20 foot mounting height. Maximum calculated value = 3.6 fc

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	122.0	0.0	122.0
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	24243.2	0.0	24243.2
	% Fixture	99.5	0.0	99.5
Total	Lumens	24365.2	0.0	24365.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.5	0.0
10°-20°	53.5	0.2
20°-30°	577.4	2.4
30°-40°	1707.5	7.0
40°-50°	5088.9	20.9
50°-60°	8069.2	33.1
60°-70°	6735.8	27.6
70°-80°	2077.1	8.5
80°-90°	46.2	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°	24365.2	100.0
0°-180°	24365.2	100.0



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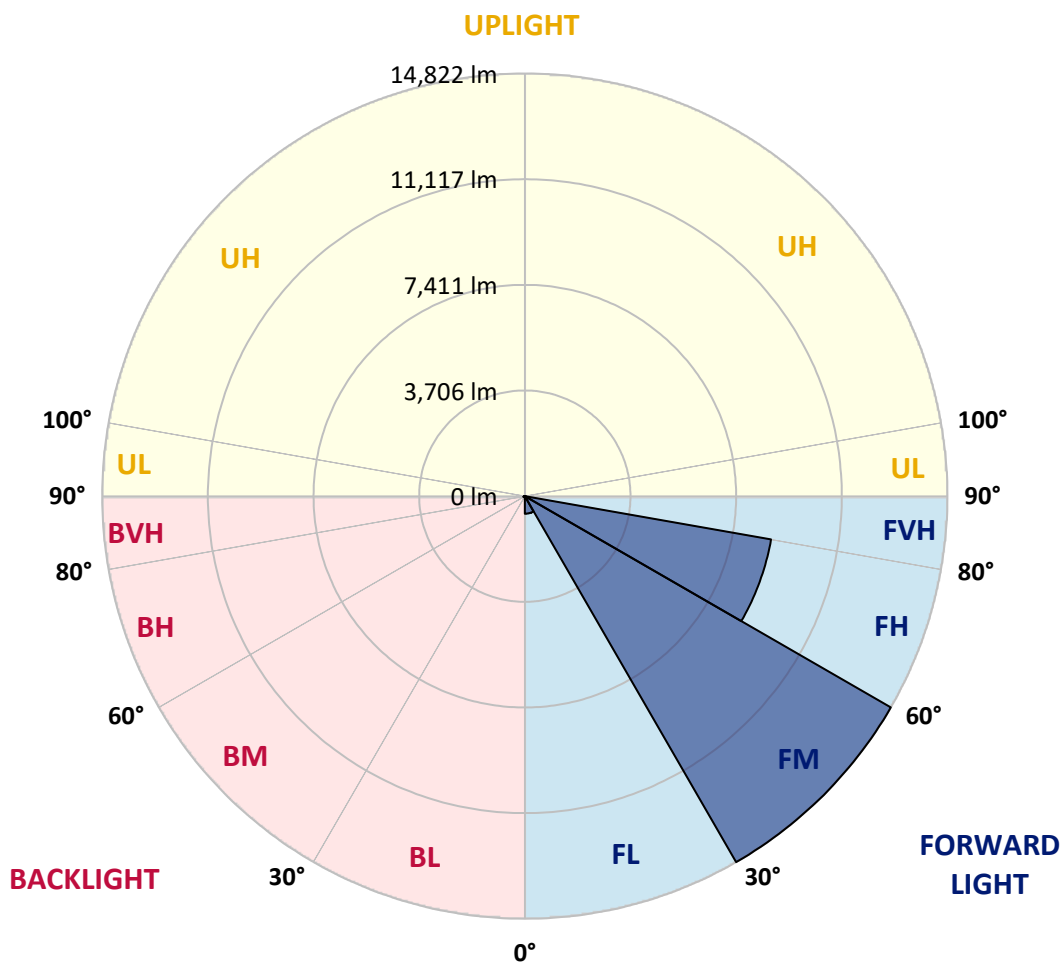
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	618.1	2.5			
FM	(30°-60°)	14822.0	60.8			
FH	(60°-80°)	8767.4	36.0			G4/12000
FVH	(80°-90°)	35.7	0.1			G1/100
BL	(0°-30°)	22.4	0.1	B0/110		
BM	(30°-60°)	43.6	0.2	B0/220		
BH	(60°-80°)	45.5	0.2	B0/110		G0/110
BVH	(80°-90°)	10.5	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G4

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°	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8
2.5°	97.6	97.6	97.6	97.6	95.7	95.7	93.9	93.9	92.1	92.1
5°	103.1	103.1	101.3	99.4	99.4	97.6	95.7	93.9	93.9	92.1
7.5°	112.3	110.5	108.6	106.8	103.1	101.3	97.6	95.7	93.9	90.2
10°	123.4	119.7	116.0	112.3	108.6	105.0	101.3	99.4	95.7	93.9
12.5°	138.1	132.6	125.2	119.7	116.0	110.5	106.8	103.1	97.6	93.9
15°	151.0	143.6	134.4	127.0	121.5	114.2	108.6	103.1	99.4	93.9
17.5°	169.4	156.5	141.8	132.6	125.2	116.0	106.8	101.3	95.7	88.4
20°	200.7	174.9	147.3	136.3	125.2	114.2	103.1	95.7	90.2	82.9
22.5°	250.4	206.2	162.0	145.5	130.7	114.2	99.4	92.1	84.7	77.3
25°	346.2	267.0	187.8	165.7	143.6	121.5	99.4	90.2	82.9	73.7
27.5°	460.3	342.5	222.8	191.5	162.0	130.7	99.4	88.4	79.2	68.1
30°	576.3	419.8	261.5	221.0	180.4	139.9	99.4	86.5	75.5	62.6
32.5°	686.8	491.6	294.6	246.7	198.9	149.1	101.3	86.5	71.8	57.1
35°	799.1	550.5	300.1	250.4	200.7	149.1	99.4	82.9	68.1	51.6
37.5°	942.7	616.8	289.1	239.4	191.5	141.8	93.9	79.2	64.4	47.9
40°	1160.0	727.3	294.6	243.0	191.5	139.9	88.4	73.7	60.8	46.0
42.5°	1561.4	940.9	318.5	259.6	200.7	139.9	81.0	68.1	57.1	44.2
45°	2699.3	1563.2	427.2	338.8	250.4	162.0	73.7	62.6	53.4	42.3
47.5°	4465.0	2616.4	767.8	592.9	419.8	244.9	71.8	62.6	53.4	42.3
50°	5698.7	3332.7	966.7	743.9	521.1	298.3	75.5	64.4	55.2	44.2
52.5°	5689.5	3384.2	1077.1	826.7	578.2	327.7	79.2	68.1	58.9	47.9
55°	5057.9	3078.6	1097.4	843.3	591.0	336.9	84.7	73.7	62.6	51.6
57.5°	4227.5	2614.6	1001.6	775.2	550.5	324.1	97.6	84.7	73.7	60.8
60°	3343.7	2062.2	780.7	616.8	454.8	290.9	128.9	112.3	97.6	81.0
62.5°	2308.9	1495.1	681.3	546.9	414.3	279.9	147.3	130.7	116.0	99.4
65°	1633.2	1125.0	615.0	500.8	388.5	274.3	160.2	141.8	125.2	106.8
67.5°	1220.8	894.9	567.1	469.5	371.9	274.3	176.8	154.7	134.4	112.3
70°	935.4	734.7	532.1	452.9	375.6	296.4	217.3	186.0	156.5	125.2
72.5°	762.3	627.9	491.6	434.5	377.5	320.4	263.3	222.8	182.3	139.9
75°	631.6	537.6	443.7	395.9	349.8	302.0	254.1	217.3	182.3	145.5
77.5°	419.8	383.0	344.3	316.7	289.1	259.6	232.0	200.7	171.2	139.9
80°	147.3	141.8	136.3	147.3	158.3	169.4	180.4	158.3	138.1	116.0
82.5°	22.1	20.3	18.4	20.3	22.1	23.9	25.8	27.6	29.5	31.3
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°	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8
0.0	2.5°	90.2	90.2	88.4	88.4	88.4	86.5	86.5	84.7	84.7	84.7
0.0	5°	88.4	88.4	86.5	84.7	82.9	82.9	81.0	79.2	79.2	77.3
0.0	7.5°	86.5	84.7	82.9	81.0	79.2	77.3	75.5	73.7	73.7	71.8
0.0	10°	88.4	84.7	82.9	79.2	77.3	75.5	71.8	70.0	68.1	68.1
0.0	12.5°	84.7	82.9	79.2	75.5	73.7	70.0	68.1	64.4	62.6	62.6
0.0	15°	84.7	81.0	75.5	71.8	68.1	66.3	62.6	58.9	57.1	55.2
0.0	17.5°	79.2	75.5	70.0	66.3	62.6	58.9	55.2	51.6	49.7	47.9
0.0	20°	71.8	68.1	62.6	57.1	53.4	49.7	46.0	42.3	40.5	38.7
0.0	22.5°	64.4	60.8	55.2	49.7	46.0	42.3	36.8	33.1	31.3	27.6
0.0	25°	60.8	55.2	49.7	44.2	38.7	35.0	29.5	23.9	20.3	16.6
0.0	27.5°	51.6	46.0	40.5	35.0	29.5	23.9	18.4	12.9	9.2	7.4
0.0	30°	44.2	38.7	33.1	27.6	20.3	14.7	9.2	1.8	1.8	1.8
0.0	32.5°	36.8	31.3	23.9	18.4	14.7	9.2	5.5	0.0	0.0	0.0
0.0	35°	29.5	23.9	16.6	11.0	9.2	5.5	3.7	0.0	0.0	0.0
0.0	37.5°	25.8	20.3	12.9	5.5	3.7	3.7	1.8	0.0	0.0	0.0
0.0	40°	23.9	16.6	9.2	1.8	1.8	1.8	0.0	0.0	0.0	0.0
0.0	42.5°	23.9	16.6	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	23.9	16.6	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	23.9	16.6	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	25.8	18.4	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	29.5	22.1	14.7	7.4	5.5	3.7	1.8	0.0	0.0	0.0
0.0	55°	36.8	33.1	27.6	23.9	18.4	12.9	5.5	0.0	0.0	0.0
0.0	57.5°	47.9	47.9	46.0	44.2	33.1	22.1	11.0	0.0	0.0	0.0
0.0	60°	64.4	64.4	64.4	64.4	47.9	33.1	16.6	0.0	0.0	0.0
0.0	62.5°	79.2	75.5	70.0	66.3	49.7	33.1	16.6	0.0	0.0	0.0
0.0	65°	79.2	71.8	62.6	53.4	40.5	27.6	12.9	0.0	0.0	0.0
0.0	67.5°	73.7	58.9	42.3	27.6	20.3	14.7	7.4	0.0	0.0	0.0
	70°	73.7	51.6	29.5	7.4	5.5	3.7	1.8	0.0	0.0	0.0
	72.5°	73.7	49.7	23.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	81.0	55.2	27.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	81.0	55.2	27.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	71.8	47.9	23.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	23.9	16.6	7.4	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):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8
0.0	2.5°	82.9	82.9	82.9	81.0	81.0	81.0	81.0	79.2	79.2	79.2
0.0	5°	75.5	75.5	73.7	73.7	71.8	71.8	70.0	70.0	68.1	68.1
0.0	7.5°	70.0	68.1	68.1	66.3	64.4	64.4	62.6	62.6	60.8	58.9
0.0	10°	64.4	62.6	62.6	60.8	58.9	57.1	57.1	55.2	53.4	51.6
0.0	12.5°	58.9	57.1	55.2	53.4	51.6	49.7	49.7	47.9	46.0	44.2
0.0	15°	51.6	49.7	47.9	46.0	44.2	42.3	42.3	40.5	38.7	36.8
0.0	17.5°	44.2	42.3	42.3	40.5	38.7	36.8	35.0	31.3	29.5	27.6
0.0	20°	33.1	31.3	29.5	27.6	25.8	22.1	20.3	16.6	12.9	11.0
0.0	22.5°	22.1	18.4	16.6	12.9	9.2	7.4	5.5	1.8	0.0	0.0
0.0	25°	7.4	5.5	3.7	1.8	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: P1049343

CATALOG NUMBER: GALN-SA7C-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049343

CATALOG NUMBER: GALN-SA7C-930-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8
0.0	2.5°	77.3	77.3	77.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5
0.0	5°	66.3	66.3	66.3	64.4	64.4	62.6	62.6	62.6	60.8	60.8
0.0	7.5°	57.1	55.2	55.2	53.4	53.4	51.6	51.6	51.6	49.7	49.7
0.0	10°	47.9	46.0	46.0	44.2	44.2	42.3	42.3	40.5	40.5	38.7
0.0	12.5°	42.3	40.5	38.7	36.8	36.8	35.0	33.1	33.1	31.3	29.5
0.0	15°	33.1	31.3	29.5	27.6	25.8	23.9	22.1	22.1	20.3	18.4
0.0	17.5°	22.1	18.4	16.6	14.7	14.7	12.9	11.0	9.2	7.4	5.5
0.0	20°	5.5	3.7	1.8	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-SA7C-930-U-RBC

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CATALOG NUMBER: GALN-SA7C-930-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°	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8
0.0	2.5°	75.5	73.7	73.7	73.7	75.5	75.5	75.5	75.5	75.5	75.5
0.0	5°	60.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
0.0	7.5°	49.7	47.9	47.9	47.9	47.9	46.0	46.0	46.0	46.0	46.0
0.0	10°	38.7	36.8	36.8	36.8	36.8	35.0	35.0	35.0	35.0	35.0
0.0	12.5°	27.6	27.6	25.8	25.8	25.8	23.9	23.9	23.9	23.9	22.1
0.0	15°	16.6	14.7	12.9	12.9	12.9	11.0	11.0	11.0	11.0	9.2
0.0	17.5°	3.7	3.7	1.8	1.8	1.8	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049343

CATALOG NUMBER: GALN-SA7C-930-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8
0.0	2.5°	77.3	77.3	79.2	79.2	81.0	84.7	86.5	88.4	92.1	95.7
0.0	5°	60.8	62.6	62.6	64.4	66.3	68.1	70.0	71.8	75.5	79.2
0.0	7.5°	47.9	47.9	49.7	49.7	51.6	55.2	57.1	58.9	62.6	68.1
0.0	10°	36.8	36.8	38.7	38.7	40.5	44.2	46.0	47.9	51.6	57.1
0.0	12.5°	23.9	25.8	25.8	27.6	29.5	33.1	35.0	36.8	40.5	44.2
0.0	15°	11.0	12.9	12.9	14.7	16.6	20.3	22.1	23.9	27.6	33.1
0.0	17.5°	1.8	1.8	3.7	3.7	5.5	7.4	9.2	11.0	16.6	20.3
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	7.4
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
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

CATALOG NUMBER: GALN-SA7C-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

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CATALOG NUMBER: GALN-SA7C-930-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°	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8
0.0	2.5°	101.3	105.0	108.6	112.3	116.0	119.7	121.5	125.2	127.0	128.9
0.0	5°	86.5	90.2	95.7	99.4	103.1	106.8	110.5	112.3	114.2	116.0
0.0	7.5°	75.5	79.2	84.7	88.4	92.1	95.7	99.4	103.1	105.0	106.8
0.0	10°	64.4	70.0	73.7	79.2	82.9	86.5	90.2	93.9	97.6	99.4
0.0	12.5°	51.6	57.1	62.6	66.3	71.8	77.3	81.0	84.7	88.4	92.1
0.0	15°	40.5	46.0	51.6	55.2	60.8	66.3	71.8	75.5	79.2	82.9
0.0	17.5°	29.5	35.0	40.5	44.2	49.7	55.2	58.9	64.4	68.1	71.8
0.0	20°	14.7	20.3	25.8	31.3	36.8	42.3	46.0	51.6	55.2	58.9
0.0	22.5°	1.8	7.4	12.9	16.6	22.1	27.6	31.3	36.8	40.5	44.2
0.0	25°	0.0	1.8	5.5	7.4	9.2	12.9	16.6	20.3	23.9	27.6
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.8	3.7	7.4	11.0	14.7
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.8	3.7
	85°	0.0	0.0	0.0	0.0	0.0	3.7	5.5	9.2	11.0	12.9
	87.5°	0.0	1.8	3.7	5.5	7.4	11.0	14.7	18.4	20.3	22.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049343

CATALOG NUMBER: GALN-SA7C-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
106.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.5	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
0.0											
0.0											
0.0											
0.0											
1.8											
7.4											
16.6											
23.9											
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REPORT NUMBER: P1049343

CATALOG NUMBER: GALN-SA7C-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8
0.0	2.5°	130.7	130.7	130.7	130.7	128.9	128.9	128.9	127.0	127.0	125.2
0.0	5°	119.7	121.5	121.5	121.5	121.5	121.5	121.5	121.5	119.7	119.7
0.0	7.5°	110.5	112.3	114.2	114.2	116.0	116.0	116.0	114.2	114.2	112.3
0.0	10°	105.0	106.8	106.8	108.6	108.6	108.6	108.6	108.6	108.6	108.6
0.0	12.5°	97.6	99.4	101.3	101.3	103.1	103.1	103.1	103.1	101.3	101.3
0.0	15°	88.4	92.1	93.9	95.7	95.7	97.6	97.6	97.6	97.6	97.6
0.0	17.5°	81.0	84.7	86.5	88.4	88.4	90.2	90.2	92.1	92.1	92.1
0.0	20°	66.3	70.0	71.8	75.5	77.3	79.2	81.0	82.9	82.9	84.7
0.0	22.5°	51.6	55.2	57.1	60.8	62.6	64.4	66.3	68.1	70.0	71.8
0.0	25°	36.8	40.5	42.3	46.0	47.9	49.7	51.6	53.4	53.4	55.2
0.0	27.5°	20.3	23.9	27.6	29.5	33.1	35.0	36.8	38.7	40.5	42.3
0.0	30°	9.2	11.0	12.9	16.6	18.4	20.3	22.1	25.8	27.6	29.5
0.0	32.5°	0.0	0.0	1.8	5.5	7.4	9.2	11.0	12.9	12.9	14.7
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.8	3.7	5.5	7.4
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°	3.7	3.7	3.7	5.5	5.5	5.5	5.5	5.5	5.5	5.5
	82.5°	9.2	11.0	12.9	12.9	14.7	14.7	14.7	14.7	12.9	12.9
	85°	18.4	20.3	22.1	22.1	23.9	23.9	23.9	23.9	23.9	23.9
	87.5°	25.8	27.6	29.5	29.5	31.3	31.3	31.3	31.3	31.3	31.3
	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: P1049343

CATALOG NUMBER: GALN-SA7C-930-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
106.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0										
0.0										
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REPORT NUMBER: P1049343

CATALOG NUMBER: GALN-SA7C-930-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
0.0	0°	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8
0.0	2.5°	123.4	123.4	121.5	121.5	121.5	121.5	121.5	123.4	125.2	125.2
0.0	5°	117.8	117.8	116.0	116.0	116.0	117.8	117.8	119.7	121.5	123.4
0.0	7.5°	112.3	110.5	110.5	112.3	112.3	114.2	114.2	116.0	117.8	119.7
0.0	10°	108.6	106.8	106.8	106.8	108.6	108.6	110.5	112.3	114.2	116.0
0.0	12.5°	101.3	101.3	101.3	101.3	103.1	103.1	105.0	106.8	110.5	112.3
0.0	15°	97.6	95.7	95.7	95.7	95.7	97.6	97.6	101.3	105.0	106.8
0.0	17.5°	90.2	90.2	88.4	88.4	90.2	90.2	92.1	95.7	99.4	101.3
0.0	20°	82.9	81.0	79.2	79.2	81.0	81.0	82.9	86.5	90.2	92.1
0.0	22.5°	71.8	70.0	70.0	70.0	70.0	71.8	71.8	75.5	81.0	84.7
0.0	25°	57.1	58.9	58.9	60.8	60.8	62.6	64.4	68.1	73.7	77.3
0.0	27.5°	44.2	46.0	46.0	49.7	51.6	53.4	55.2	60.8	66.3	70.0
0.0	30°	33.1	35.0	36.8	38.7	42.3	46.0	49.7	55.2	60.8	64.4
0.0	32.5°	20.3	23.9	25.8	29.5	33.1	36.8	40.5	46.0	53.4	58.9
0.0	35°	14.7	16.6	20.3	22.1	25.8	29.5	33.1	40.5	46.0	53.4
0.0	37.5°	7.4	11.0	14.7	18.4	22.1	25.8	29.5	36.8	44.2	49.7
0.0	40°	5.5	9.2	11.0	14.7	20.3	23.9	27.6	35.0	42.3	49.7
0.0	42.5°	3.7	5.5	7.4	12.9	16.6	22.1	27.6	35.0	42.3	49.7
0.0	45°	3.7	3.7	5.5	11.0	16.6	23.9	29.5	36.8	42.3	49.7
0.0	47.5°	3.7	5.5	7.4	14.7	18.4	23.9	29.5	35.0	42.3	47.9
0.0	50°	5.5	7.4	9.2	16.6	20.3	25.8	29.5	36.8	42.3	49.7
0.0	52.5°	3.7	5.5	7.4	14.7	20.3	27.6	33.1	40.5	47.9	53.4
0.0	55°	1.8	1.8	1.8	11.0	22.1	31.3	42.3	47.9	55.2	60.8
0.0	57.5°	0.0	0.0	0.0	7.4	22.1	35.0	47.9	55.2	62.6	68.1
0.0	60°	0.0	0.0	0.0	7.4	22.1	35.0	47.9	57.1	66.3	75.5
0.0	62.5°	0.0	0.0	0.0	7.4	18.4	29.5	40.5	55.2	71.8	86.5
0.0	65°	0.0	0.0	0.0	5.5	14.7	23.9	33.1	55.2	77.3	97.6
0.0	67.5°	0.0	0.0	0.0	5.5	14.7	22.1	31.3	55.2	77.3	101.3
	70°	0.0	0.0	0.0	5.5	14.7	23.9	33.1	55.2	77.3	99.4
	72.5°	0.0	0.0	0.0	5.5	16.6	25.8	36.8	55.2	73.7	92.1
	75°	0.0	0.0	0.0	7.4	16.6	27.6	38.7	55.2	71.8	86.5
	77.5°	0.0	0.0	0.0	5.5	16.6	25.8	36.8	53.4	70.0	84.7
	80°	5.5	3.7	3.7	9.2	16.6	23.9	31.3	47.9	66.3	82.9
	82.5°	11.0	11.0	9.2	12.9	16.6	22.1	27.6	42.3	58.9	73.7
	85°	22.1	22.1	20.3	22.1	22.1	23.9	25.8	33.1	40.5	47.9
	87.5°	29.5	29.5	27.6	27.6	27.6	25.8	25.8	25.8	25.8	23.9
	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):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
106.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.5											
110.5											
103.1											
101.3											
99.4											
88.4											
55.2											
23.9											
0.0											
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REPORT NUMBER: P1049343

CATALOG NUMBER: GALN-SA7C-930-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8
0.0	2.5°	128.9	130.7	130.7	132.6	134.4	136.3	136.3	138.1	138.1	138.1
0.0	5°	127.0	130.7	132.6	134.4	136.3	138.1	139.9	141.8	143.6	143.6
0.0	7.5°	125.2	127.0	130.7	132.6	136.3	138.1	141.8	143.6	145.5	147.3
0.0	10°	121.5	125.2	128.9	132.6	136.3	139.9	143.6	147.3	151.0	152.8
0.0	12.5°	117.8	123.4	127.0	130.7	136.3	141.8	145.5	151.0	154.7	158.3
0.0	15°	116.0	119.7	125.2	128.9	136.3	143.6	149.1	156.5	163.9	169.4
0.0	17.5°	110.5	117.8	123.4	128.9	136.3	145.5	152.8	160.2	171.2	182.3
0.0	20°	103.1	108.6	116.0	121.5	132.6	141.8	152.8	162.0	178.6	195.2
0.0	22.5°	95.7	103.1	108.6	116.0	128.9	139.9	152.8	163.9	191.5	217.3
0.0	25°	88.4	97.6	105.0	112.3	127.0	141.8	156.5	171.2	217.3	263.3
0.0	27.5°	84.7	92.1	101.3	108.6	127.0	147.3	165.7	184.1	257.8	329.6
0.0	30°	79.2	88.4	95.7	105.0	128.9	152.8	176.8	200.7	313.0	425.3
0.0	32.5°	73.7	82.9	92.1	101.3	132.6	163.9	193.3	224.6	371.9	517.4
0.0	35°	68.1	79.2	88.4	97.6	138.1	180.4	221.0	261.5	425.3	587.4
0.0	37.5°	66.3	77.3	86.5	95.7	139.9	182.3	226.5	268.8	430.9	592.9
0.0	40°	68.1	77.3	88.4	97.6	134.4	171.2	206.2	243.0	412.4	580.0
0.0	42.5°	68.1	79.2	90.2	101.3	130.7	160.2	189.6	219.1	406.9	594.7
0.0	45°	66.3	77.3	88.4	99.4	127.0	152.8	180.4	206.2	440.1	672.1
0.0	47.5°	64.4	75.5	86.5	97.6	125.2	152.8	180.4	208.1	568.9	928.0
0.0	50°	64.4	75.5	84.7	93.9	127.0	162.0	195.2	228.3	828.6	1427.0
0.0	52.5°	68.1	77.3	84.7	92.1	130.7	171.2	209.9	248.6	1053.2	1856.0
0.0	55°	73.7	79.2	86.5	92.1	139.9	186.0	233.8	279.9	1121.3	1962.8
0.0	57.5°	81.0	86.5	92.1	97.6	156.5	215.4	272.5	331.4	1126.8	1920.4
0.0	60°	90.2	97.6	103.1	108.6	171.2	235.7	298.3	360.9	1020.1	1677.4
0.0	62.5°	110.5	119.7	127.0	136.3	197.0	255.9	316.7	375.6	847.0	1318.3
0.0	65°	127.0	134.4	141.8	149.1	208.1	268.8	327.7	386.7	718.1	1049.5
0.0	67.5°	130.7	138.1	143.6	151.0	211.7	272.5	331.4	392.2	615.0	835.9
	70°	132.6	141.8	152.8	162.0	224.6	287.2	348.0	410.6	545.0	679.4
	72.5°	127.0	145.5	162.0	178.6	237.5	294.6	353.5	410.6	506.3	602.1
	75°	127.0	152.8	176.8	200.7	244.9	287.2	331.4	373.8	447.4	521.1
	77.5°	134.4	167.6	200.7	233.8	259.6	283.6	309.3	333.3	381.1	429.0
	80°	134.4	169.4	202.5	237.5	248.6	261.5	272.5	283.6	289.1	294.6
	82.5°	116.0	143.6	171.2	198.9	186.0	173.1	160.2	147.3	138.1	127.0
	85°	58.9	64.4	68.1	71.8	66.3	60.8	55.2	49.7	46.0	40.5
	87.5°	23.9	23.9	22.1	22.1	22.1	22.1	20.3	20.3	20.3	20.3
	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: P1049343

CATALOG NUMBER: GALN-SA7C-930-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
106.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
197.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
226.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
289.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
392.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
545.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
738.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
922.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1047.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1141.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1235.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1419.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1787.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2725.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4174.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5254.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5374.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4849.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4146.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3240.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2448.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1808.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1279.7											
951.9											
692.3											
521.1											
292.8											
132.6											
38.7											
18.4											
0.0											
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REPORT NUMBER: P1049343

CATALOG NUMBER: GALN-SA7C-930-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
0.0	0°	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8
0.0	2.5°	138.1	136.3	136.3	134.4	132.6	130.7	128.9	127.0	125.2	123.4
0.0	5°	143.6	143.6	143.6	141.8	141.8	139.9	139.9	138.1	136.3	134.4
0.0	7.5°	149.1	151.0	151.0	152.8	152.8	152.8	152.8	151.0	151.0	151.0
0.0	10°	158.3	160.2	162.0	163.9	165.7	167.6	167.6	169.4	169.4	169.4
0.0	12.5°	169.4	174.9	178.6	184.1	187.8	193.3	197.0	202.5	206.2	209.9
0.0	15°	186.0	195.2	206.2	215.4	224.6	237.5	252.3	265.1	278.0	298.3
0.0	17.5°	209.9	239.4	268.8	296.4	325.9	390.3	454.8	517.4	581.8	675.7
0.0	20°	255.9	344.3	430.9	519.2	605.8	832.2	1056.9	1283.4	1508.0	1749.2
0.0	22.5°	359.0	576.3	793.6	1010.8	1228.1	1701.3	2172.7	2645.9	3117.2	3671.5
0.0	25°	521.1	920.6	1320.2	1717.9	2117.4	2857.6	3599.7	4339.8	5080.0	5800.0
0.0	27.5°	758.6	1369.9	1981.2	2590.6	3201.9	4205.4	5210.8	6214.2	7217.7	8031.6
0.0	30°	1051.4	1879.9	2708.5	3537.1	4365.6	5507.2	6648.8	7788.5	8930.1	9819.4
0.0	32.5°	1327.5	2342.1	3356.6	4369.3	5383.8	6683.8	7985.5	9285.5	10585.4	11557.6
0.0	35°	1508.0	2734.3	3962.4	5188.7	6414.9	7821.7	9228.4	10633.3	12040.0	13150.2
0.0	37.5°	1688.4	3104.4	4518.4	5934.4	7348.5	8893.3	10438.1	11982.9	13527.7	14899.4
0.0	40°	1891.0	3551.8	5210.8	6871.6	8530.5	10360.7	12189.1	14019.3	15847.7	17782.8
0.0	42.5°	2242.6	4293.8	6346.8	8398.0	10449.1	12870.4	15291.6	17711.0	20132.3	22894.2
0.0	45°	2903.7	5794.4	8687.0	11577.8	14468.6	17676.1	20885.4	24092.8	27300.3	30975.4
0.0	47.5°	4522.1	8499.2	12474.5	16451.6	20426.9	23890.3	27351.9	30815.3	34276.8	37937.2
0.0	50°	6919.4	11548.4	16177.3	20804.3	25433.3	28567.1	31699.1	34832.9	37964.9	41446.7
0.0	52.5°	8653.9	13476.2	18300.2	23122.5	27944.7	30772.9	33602.9	36431.1	39259.3	42512.8
0.0	55°	8784.6	13579.3	18375.7	23170.4	27965.0	30806.1	33647.1	36488.2	39329.2	42777.9
0.0	57.5°	7777.5	12533.4	17287.6	22043.5	26797.6	30032.7	33266.0	36501.1	39734.3	43462.8
0.0	60°	6615.6	11373.4	16129.4	20887.2	25643.2	29369.9	33098.4	36825.1	40551.8	44044.7
0.0	62.5°	5161.0	10055.1	14951.0	19845.1	24739.1	28522.9	32306.7	36088.6	39872.4	42492.5
0.0	65°	3846.4	8598.7	13350.9	18101.4	22853.7	25884.4	28915.1	31943.9	34974.7	36596.8
0.0	67.5°	2780.3	6878.9	10975.7	15074.4	19171.2	21340.2	23509.2	25676.3	27845.3	29086.3
	70°	1879.9	4719.1	7556.5	10395.7	13233.1	15015.4	16799.6	18582.0	20364.3	22039.8
	72.5°	1301.8	2896.3	4492.7	6087.2	7681.7	9475.1	11266.6	13060.0	14851.6	16624.7
	75°	863.5	1589.0	2316.3	3041.8	3767.2	5094.8	6424.1	7751.7	9079.2	10136.1
	77.5°	613.1	830.4	1049.5	1266.8	1484.1	1732.6	1983.0	2231.6	2480.2	2857.6
	80°	290.9	318.5	346.2	371.9	399.6	489.8	580.0	670.2	760.4	856.2
	82.5°	138.1	149.1	160.2	169.4	180.4	189.6	198.9	208.1	217.3	208.1
	85°	36.8	36.8	38.7	38.7	38.7	38.7	38.7	38.7	38.7	36.8
	87.5°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	14.7	14.7	12.9
	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°
106.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
211.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
767.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1992.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4225.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6519.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8845.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10710.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12531.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14260.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16273.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19718.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25656.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34650.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41597.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44928.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45766.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46228.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47191.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47535.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45114.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38220.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30329.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23713.5											
18397.8											
11193.0											
3235.1											
951.9											
197.0											
35.0											
12.9											
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°	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8
0.0	2.5°	119.7	117.8	116.0	114.2	112.3	108.6	108.6	106.8	106.8
0.0	5°	130.7	128.9	127.0	125.2	125.2	123.4	121.5	121.5	119.7
0.0	7.5°	149.1	147.3	145.5	143.6	143.6	141.8	141.8	139.9	139.9
0.0	10°	171.2	171.2	171.2	171.2	171.2	169.4	169.4	169.4	167.6
0.0	12.5°	215.4	217.3	221.0	224.6	230.2	230.2	230.2	228.3	228.3
0.0	15°	340.6	360.9	375.6	390.3	403.2	432.7	429.0	423.5	419.8
0.0	17.5°	861.7	953.8	1003.5	1051.4	1101.1	1237.3	1215.2	1193.1	1172.9
0.0	20°	2233.4	2474.6	2634.8	2795.0	2957.1	3213.0	3150.4	3087.8	3025.2
0.0	22.5°	4778.1	5332.3	5573.5	5814.7	6054.0	6363.4	6162.7	5962.0	5763.1
0.0	25°	7238.0	7957.9	8364.8	8771.7	9176.8	9353.6	9092.1	8828.8	8567.4
0.0	27.5°	9659.2	10473.1	10832.1	11189.3	11548.4	11918.4	11594.4	11268.5	10944.4
0.0	30°	11599.9	12489.2	12877.7	13264.4	13652.9	13910.7	13575.6	13238.6	12903.5
0.0	32.5°	13503.8	14476.0	14901.3	15326.6	15750.1	16120.2	15707.8	15293.5	14881.0
0.0	35°	15369.0	16479.2	17064.8	17650.3	18235.8	18580.1	18090.3	17598.7	17108.9
0.0	37.5°	17644.8	19016.5	19672.0	20327.5	20983.0	21610.8	21071.3	20530.0	19990.5
0.0	40°	21653.2	23588.3	24593.7	25600.8	26606.1	27416.3	26735.0	26053.8	25372.5
0.0	42.5°	28417.9	31179.8	32625.2	34068.8	35514.1	36779.1	36062.8	35346.6	34630.3
0.0	45°	38325.7	42000.9	43763.0	45523.2	47285.3	48209.6	47178.5	46145.6	45114.5
0.0	47.5°	45256.2	48916.6	50485.4	52054.1	53622.9	54677.9	53416.7	52155.4	50896.0
0.0	50°	48408.5	51890.3	53464.5	55037.0	56611.3	57449.0	55992.6	54534.3	53077.9
0.0	52.5°	49017.9	52271.4	54149.5	56029.4	57907.5	59027.0	57307.2	55585.7	53865.9
0.0	55°	49677.1	53125.8	55304.0	57484.0	59662.2	61212.6	59268.2	57322.0	55377.6
0.0	57.5°	50918.1	54646.6	56819.3	58990.2	61162.8	62479.3	60529.4	58577.7	56627.8
0.0	60°	51028.6	54519.6	56386.6	58255.5	60122.5	60951.1	59085.9	57218.9	55353.7
0.0	62.5°	47734.6	50354.7	51650.9	52947.2	54243.4	55143.8	53197.6	51249.5	49303.3
0.0	65°	39842.9	41465.1	42498.0	43531.0	44563.9	45637.4	43855.0	42072.7	40290.4
0.0	67.5°	31570.2	32811.2	34171.9	35532.6	36893.2	38040.3	36613.4	35184.6	33757.6
	70°	25389.1	27062.8	28592.9	30122.9	31653.0	32592.1	31159.6	29725.2	28292.7
	72.5°	20171.0	21944.1	23221.9	24497.9	25775.7	26005.9	24952.7	23899.5	22848.1
	75°	12248.0	13304.9	13330.7	13354.6	13380.4	13599.5	12726.8	11854.0	10983.1
	77.5°	3612.5	3990.0	4301.2	4610.5	4921.7	5297.3	4976.9	4654.7	4334.3
	80°	1045.8	1141.6	1222.6	1301.8	1382.8	1334.9	1259.4	1183.9	1108.4
	82.5°	187.8	176.8	174.9	173.1	173.1	163.9	149.1	134.4	119.7
	85°	33.1	31.3	29.5	27.6	25.8	23.9	20.3	18.4	14.7
	87.5°	11.0	9.2	7.4	5.5	5.5	1.8	1.8	1.8	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-SA7C-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049343

CATALOG NUMBER: GALN-SA7C-930-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8
0.0	0.0	2.5°	105.0	103.1	103.1	103.1	103.1	101.3	101.3	101.3	101.3
0.0	0.0	5°	116.0	116.0	114.2	114.2	112.3	112.3	110.5	110.5	108.6
0.0	0.0	7.5°	136.3	134.4	132.6	130.7	128.9	125.2	123.4	121.5	121.5
0.0	0.0	10°	163.9	160.2	158.3	154.7	152.8	149.1	145.5	141.8	138.1
0.0	0.0	12.5°	215.4	208.1	202.5	195.2	187.8	182.3	174.9	169.4	162.0
0.0	0.0	15°	373.8	355.4	335.1	311.2	285.4	261.5	235.7	221.0	204.4
0.0	0.0	17.5°	955.6	859.9	762.3	683.1	603.9	526.6	447.4	390.3	333.3
0.0	0.0	20°	2432.3	2167.2	1902.0	1640.6	1377.3	1115.8	852.5	719.9	587.4
0.0	0.0	22.5°	4577.4	4085.7	3592.3	3115.4	2636.7	2159.8	1682.9	1382.8	1084.5
0.0	0.0	25°	7064.9	6446.2	5827.6	5043.2	4257.0	3472.6	2688.2	2200.3	1712.4
0.0	0.0	27.5°	9193.4	8480.8	7768.3	6814.5	5860.7	4906.9	3953.2	3225.9	2500.4
0.0	0.0	30°	11036.5	10270.5	9504.6	8394.3	7284.0	6173.7	5063.5	4153.9	3244.3
0.0	0.0	32.5°	12634.7	11717.8	10800.8	9655.5	8510.3	7365.0	6219.8	5104.0	3988.2
0.0	0.0	35°	14477.8	13408.0	12336.4	11065.9	9793.6	8523.2	7252.7	5993.3	4732.0
0.0	0.0	37.5°	16819.9	15507.1	14192.4	12776.5	11360.5	9946.5	8530.5	7090.7	5650.8
0.0	0.0	40°	21303.3	19609.4	17915.4	16116.5	14315.8	12516.9	10718.0	8950.3	7182.7
0.0	0.0	42.5°	29336.7	27048.0	24759.4	22365.7	19970.3	17576.6	15181.2	12688.1	10193.2
0.0	0.0	45°	38403.1	35563.9	32722.8	30036.4	27348.2	24661.8	21975.4	18554.3	15133.3
0.0	0.0	47.5°	43501.5	40435.8	37370.1	34827.4	32284.6	29741.8	27199.0	23511.0	19823.0
0.0	0.0	50°	45377.8	42256.8	39135.9	36795.7	34453.6	32113.3	29771.3	26077.7	22382.3
0.0	0.0	52.5°	45777.3	42593.8	39410.2	37055.3	34700.3	32347.2	29992.2	26322.6	22653.0
0.0	0.0	55°	46598.5	43183.0	39765.6	37081.1	34396.5	31711.9	29027.4	25298.9	21570.3
0.0	0.0	57.5°	47672.0	44169.9	40667.8	37609.5	34551.2	31494.7	28436.4	24359.8	20283.3
0.0	0.0	60°	47390.2	44343.0	41293.8	38018.3	34740.8	31465.2	28187.8	23704.3	19219.0
0.0	0.0	62.5°	42499.9	40073.1	37644.5	34950.7	32255.1	29561.4	26867.6	22251.6	17635.5
0.0	0.0	65°	34963.6	33192.3	31421.0	29253.9	27084.9	24917.7	22750.6	18611.4	14474.1
0.0	0.0	67.5°	28336.9	26341.0	24343.2	22616.1	20887.2	19160.1	17431.2	14174.0	10916.8
		70°	22513.0	20342.2	18169.5	16482.9	14794.5	13107.9	11421.3	9256.0	7092.5
		72.5°	17878.6	15921.3	13964.1	12165.2	10364.4	8565.5	6764.8	5485.1	4205.4
		75°	8545.3	7762.7	6980.2	6039.3	5098.4	4157.6	3216.7	2658.8	2102.7
		77.5°	3167.0	2745.3	2321.8	1938.8	1555.9	1174.7	791.7	725.5	659.2
		80°	819.4	714.4	607.6	532.1	454.8	379.3	303.8	274.3	246.7
		82.5°	93.9	86.5	81.0	77.3	71.8	68.1	62.6	57.1	51.6
		85°	5.5	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049343

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CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	106.8	106.8
0.0	0.0	2.5°	99.4	97.6
0.0	0.0	5°	105.0	103.1
0.0	0.0	7.5°	116.0	112.3
0.0	0.0	10°	127.0	123.4
0.0	0.0	12.5°	143.6	138.1
0.0	0.0	15°	162.0	151.0
0.0	0.0	17.5°	193.3	169.4
0.0	0.0	20°	261.5	200.7
0.0	0.0	22.5°	368.3	250.4
0.0	0.0	25°	541.3	346.2
0.0	0.0	27.5°	753.1	460.3
0.0	0.0	30°	1001.6	576.3
0.0	0.0	32.5°	1220.8	686.8
0.0	0.0	35°	1506.1	799.1
0.0	0.0	37.5°	1857.8	942.7
0.0	0.0	40°	2402.8	1160.0
0.0	0.0	42.5°	3384.2	1561.4
0.0	0.0	45°	5496.1	2699.3
0.0	0.0	47.5°	8456.9	4465.0
0.0	0.0	50°	10346.0	5698.7
0.0	0.0	52.5°	10500.7	5689.5
0.0	0.0	55°	9585.6	5057.9
0.0	0.0	57.5°	8178.9	4227.5
0.0	0.0	60°	6797.9	3343.7
0.0	0.0	62.5°	5356.2	2308.9
0.0	0.0	65°	3914.5	1633.2
0.0	0.0	67.5°	2811.6	1220.8
		70°	1848.6	935.4
		72.5°	1204.2	762.3
		75°	810.2	631.6
		77.5°	473.2	419.8
		80°	167.6	147.3
		82.5°	31.3	22.1
		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: P1049343

CATALOG NUMBER: GALN-SA7C-930-U-RBC

CANDELA DISTRIBUTION (continued):

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

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-14

Test Date: 10/11/2024

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

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

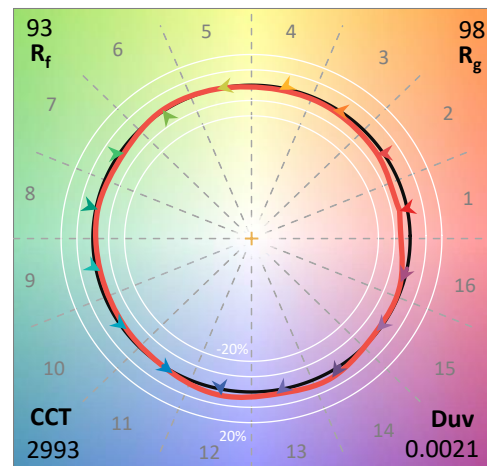
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-14
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-930-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 3000K CCT 26 LEDS

Spectral Parameters

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

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



Test Conditions

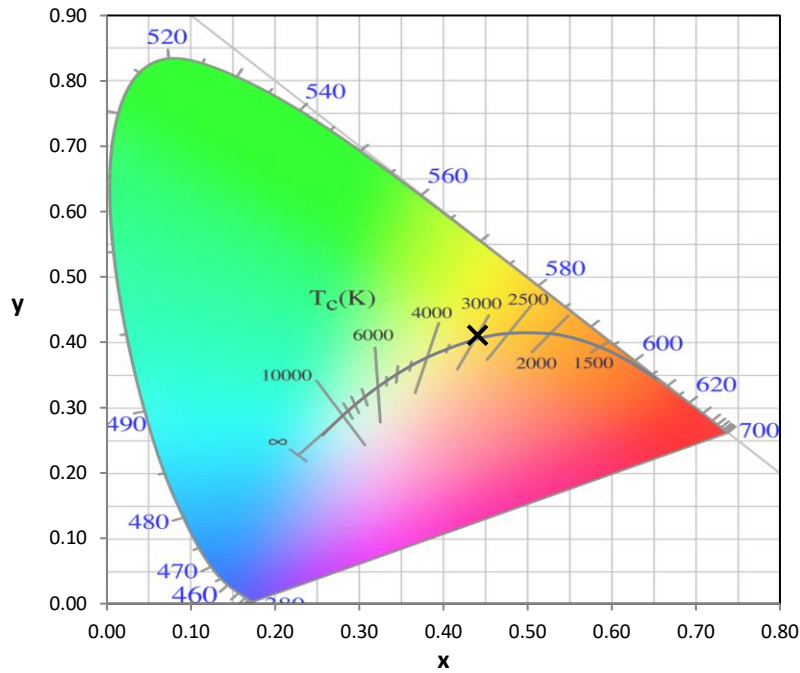
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-14

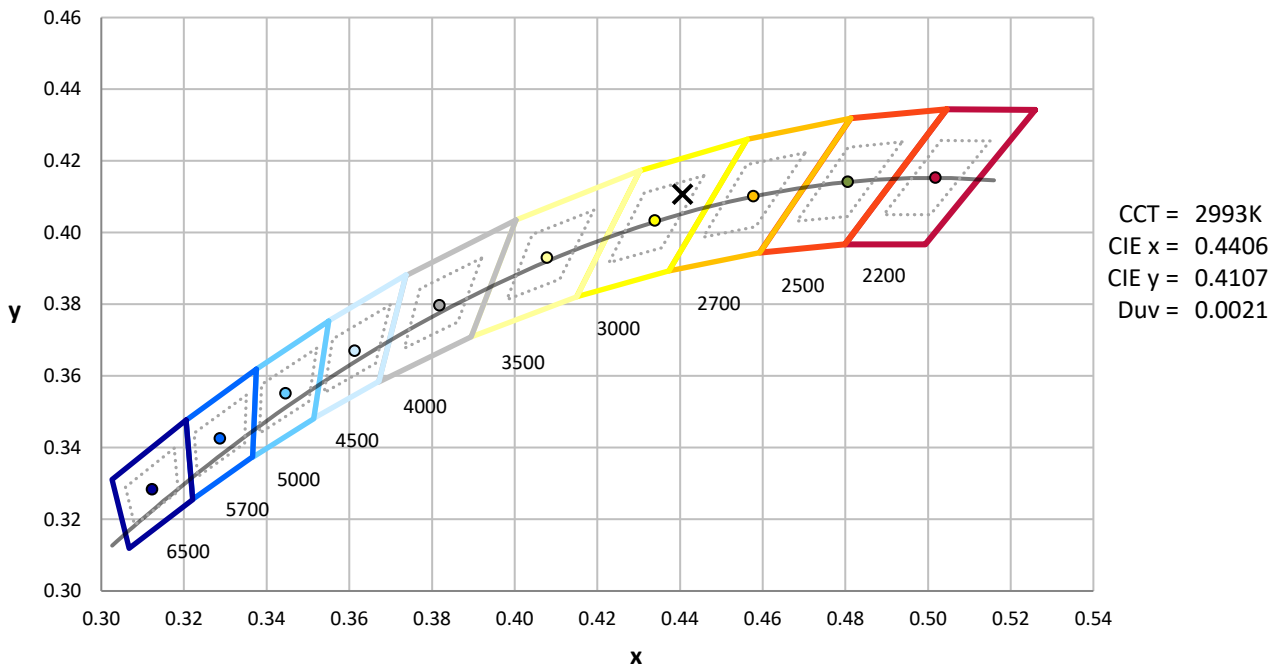
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



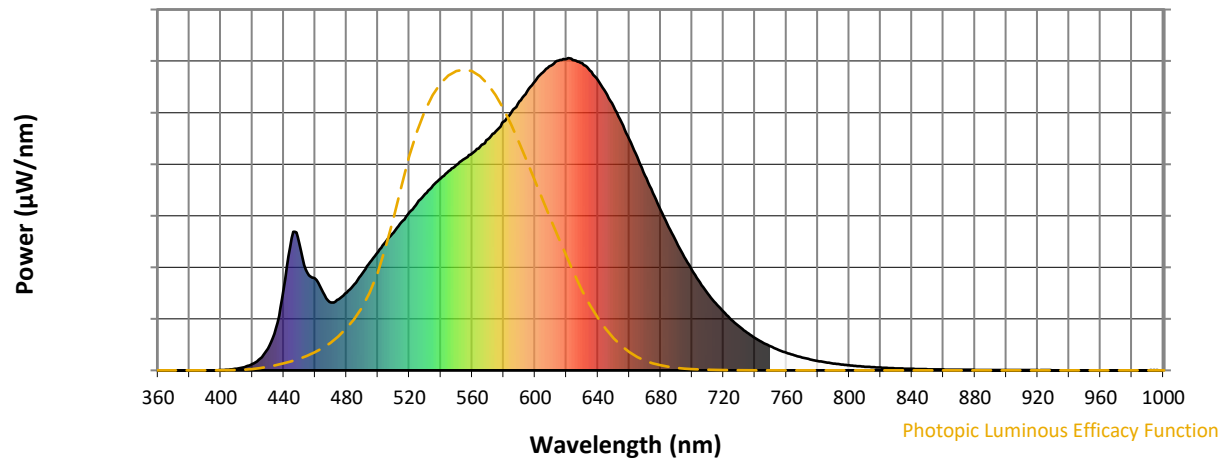
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

Photopic Flux vs. Wavelength

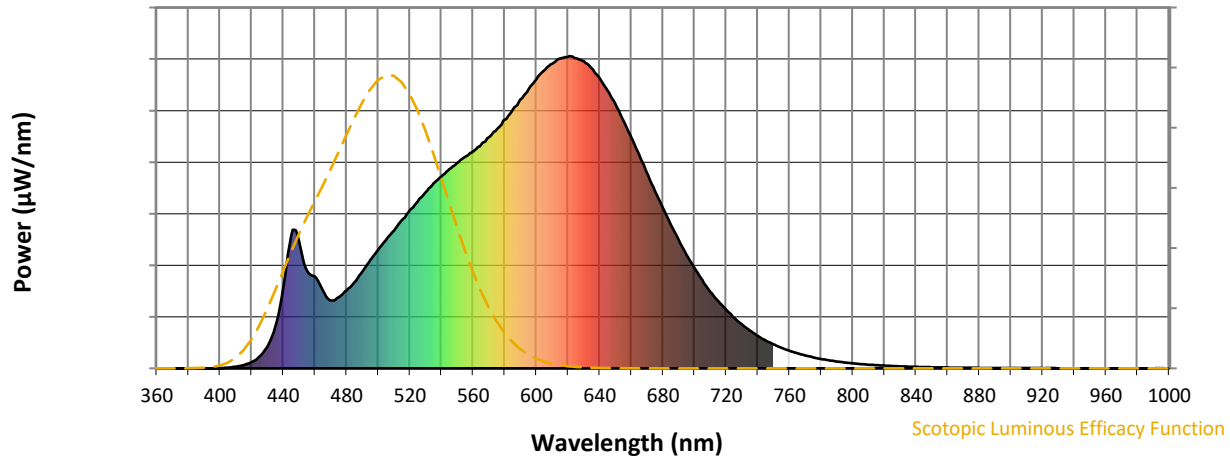


Photopic Lumens: NR

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

REPORT NUMBER: SP1-2407-184-14

Scotopic Flux vs. Wavelength



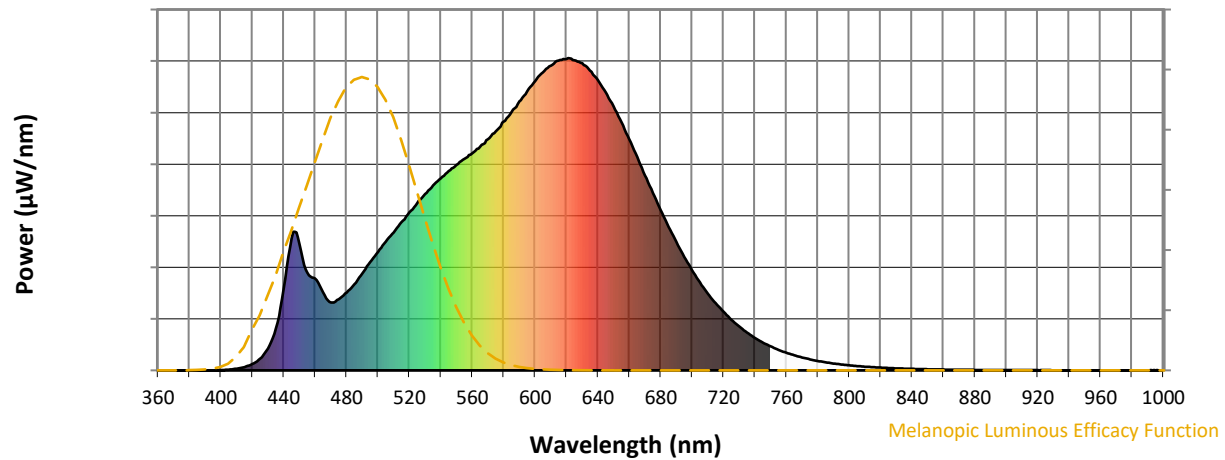
Scotopic Lumens: NR

S/P: 1.39

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

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.69

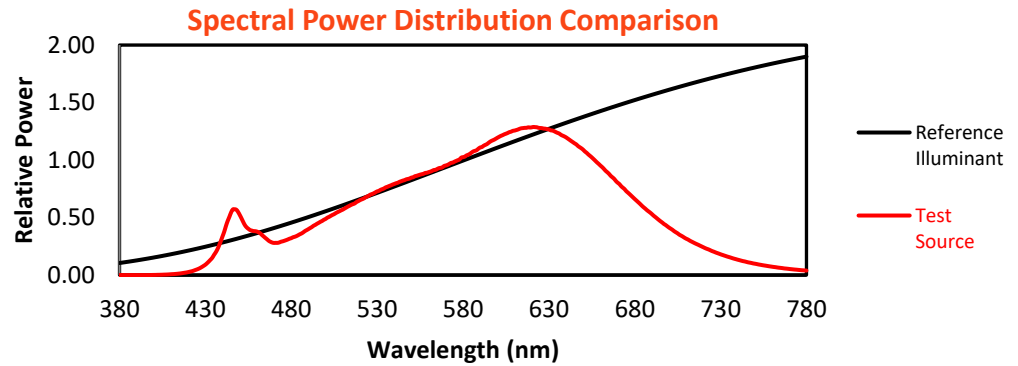
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310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

REPORT NUMBER: SP1-2407-184-14

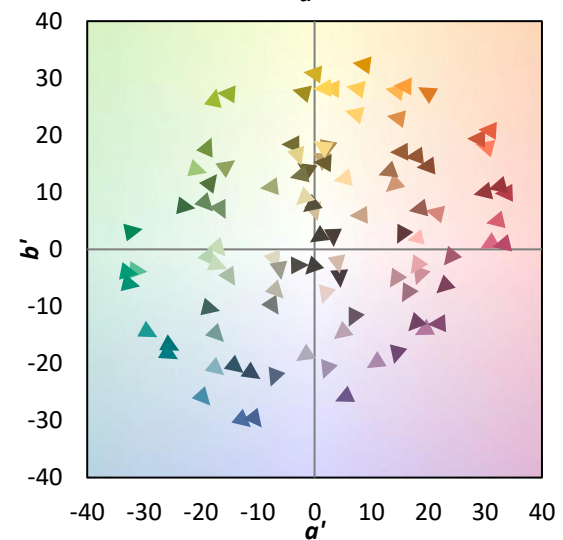
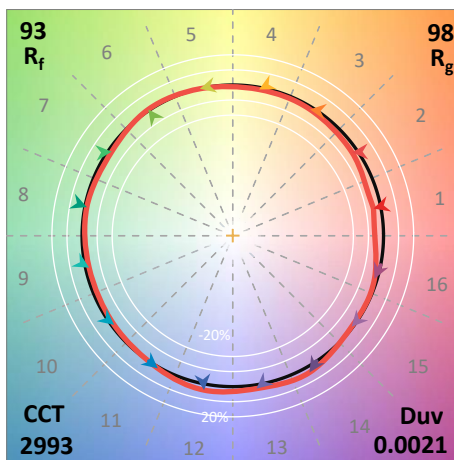
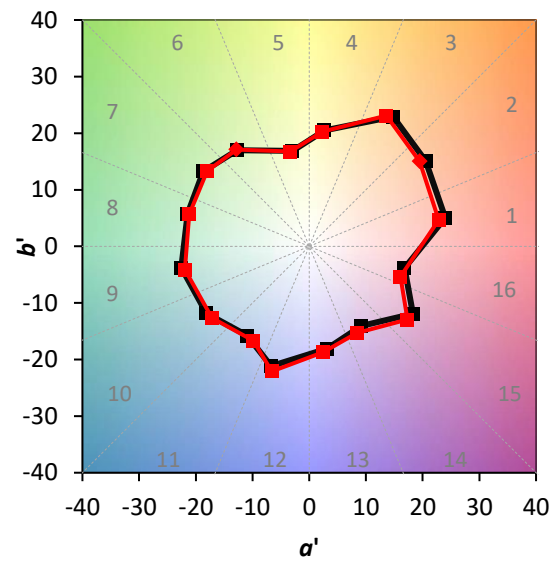
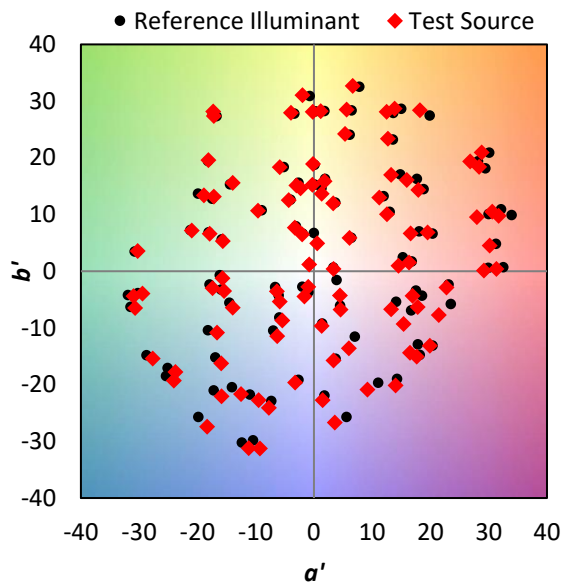
TM-30-18

Summary

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

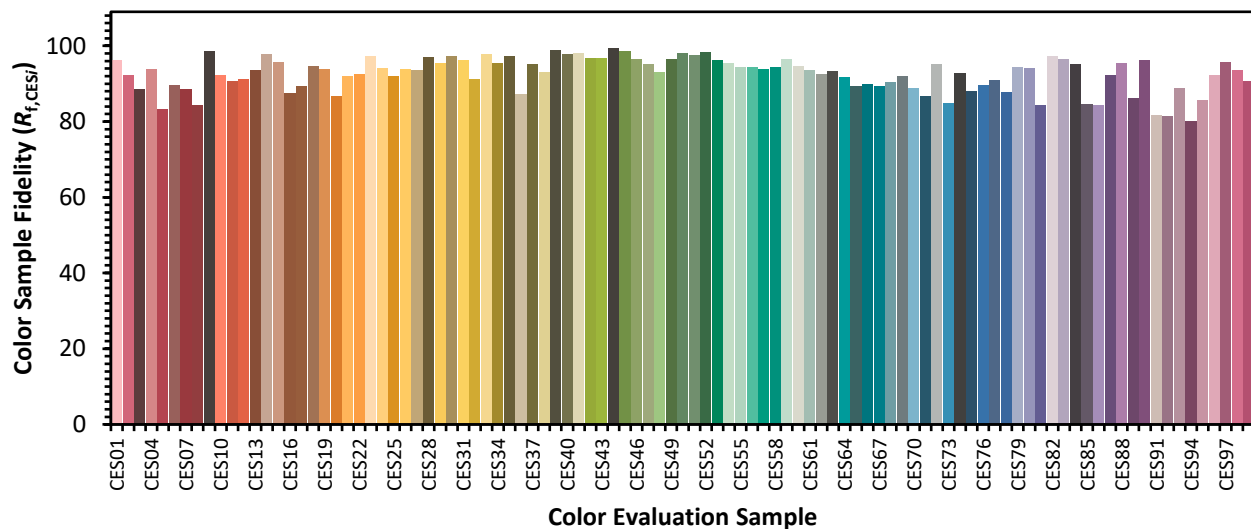


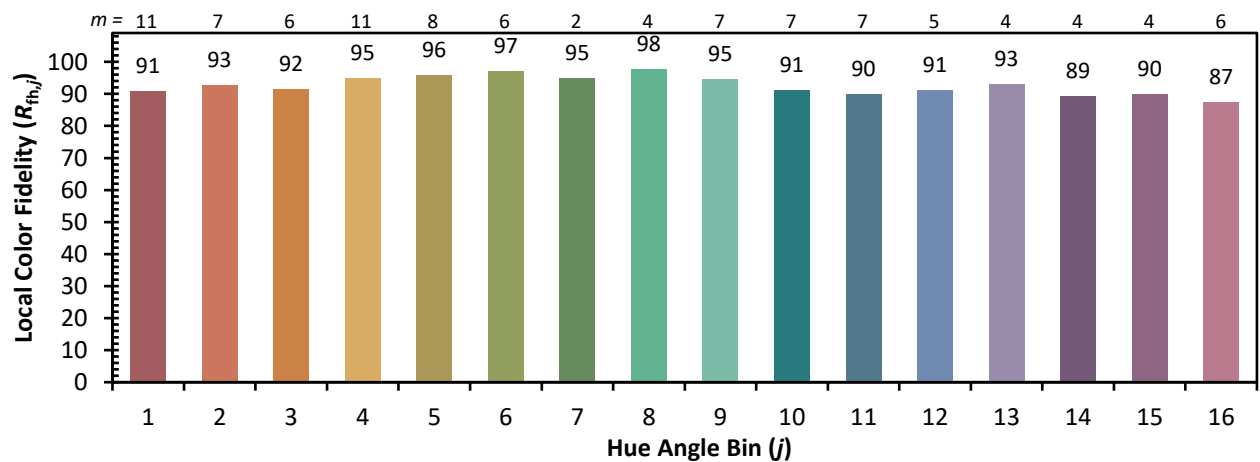
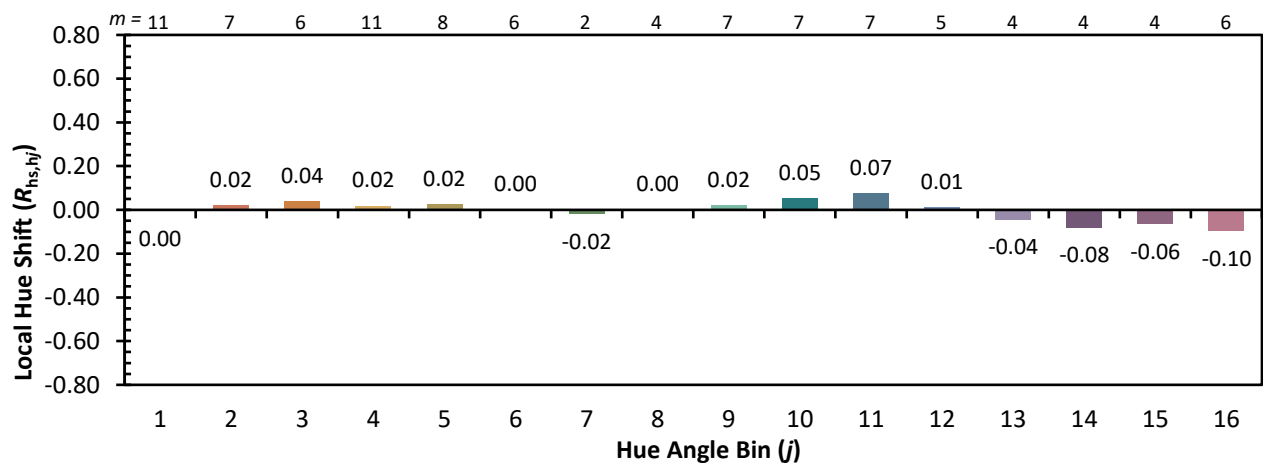
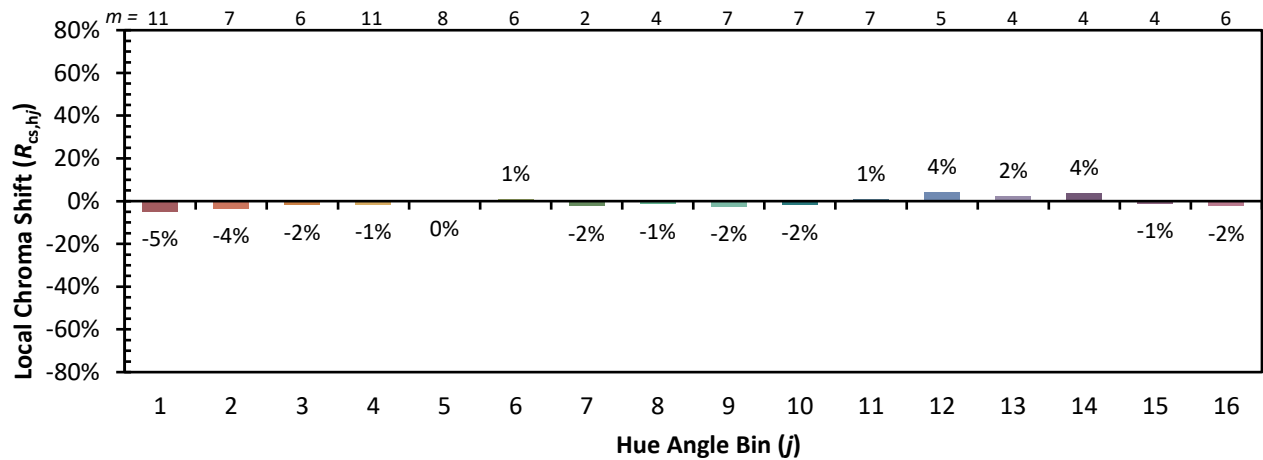
Color Vector Graphics



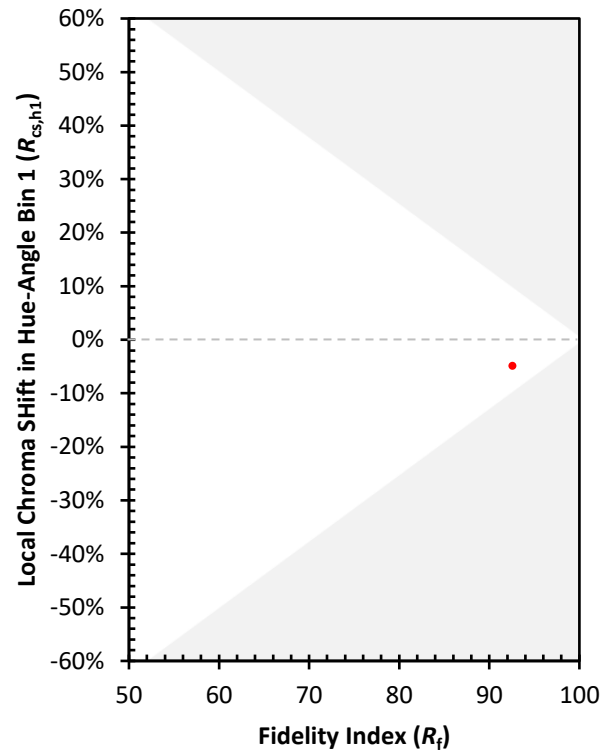
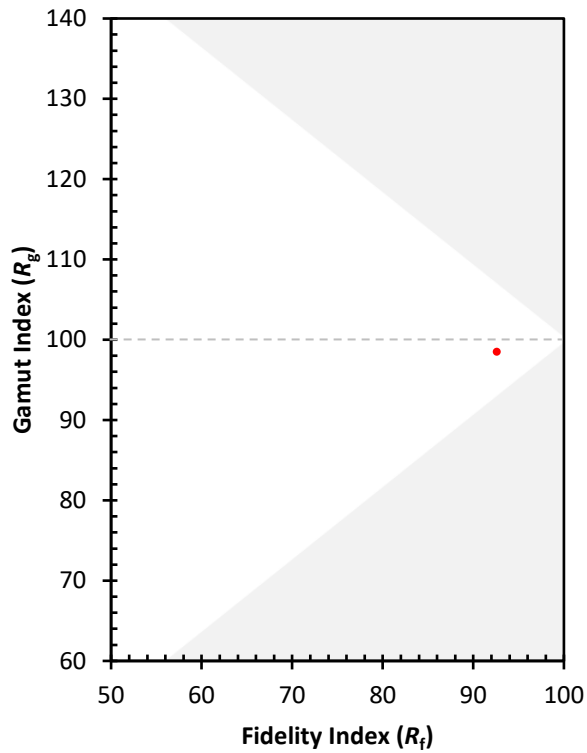
Individual Sample Fidelity Index ($R_{f,i}$)

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



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)