

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: P1049342

Luminaire Tested: **GALN-SA7B-930-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049342
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7B-930-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 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: 19679 lumens
Efficiency: N/A
Efficacy: 78.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 249.5
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

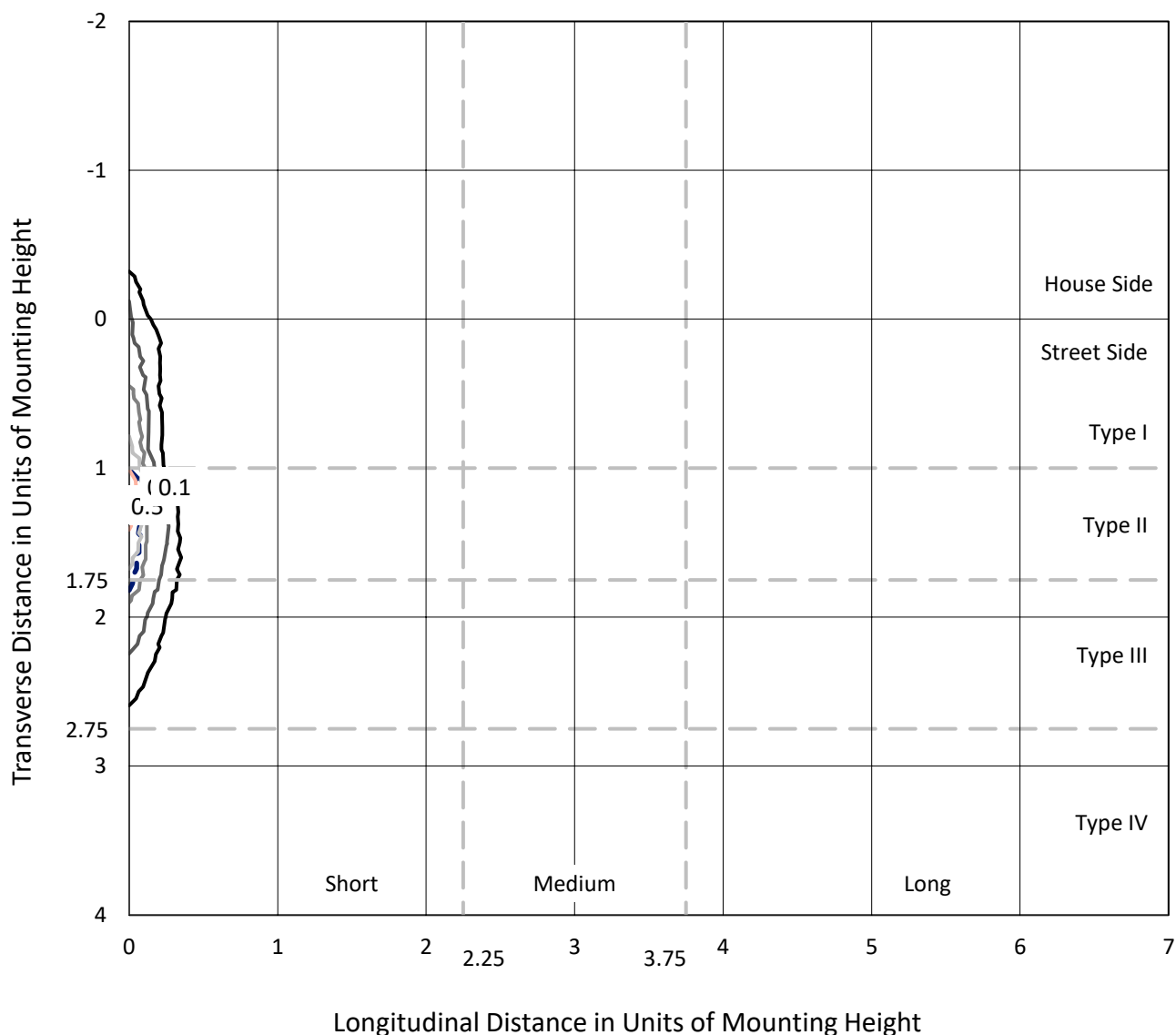
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

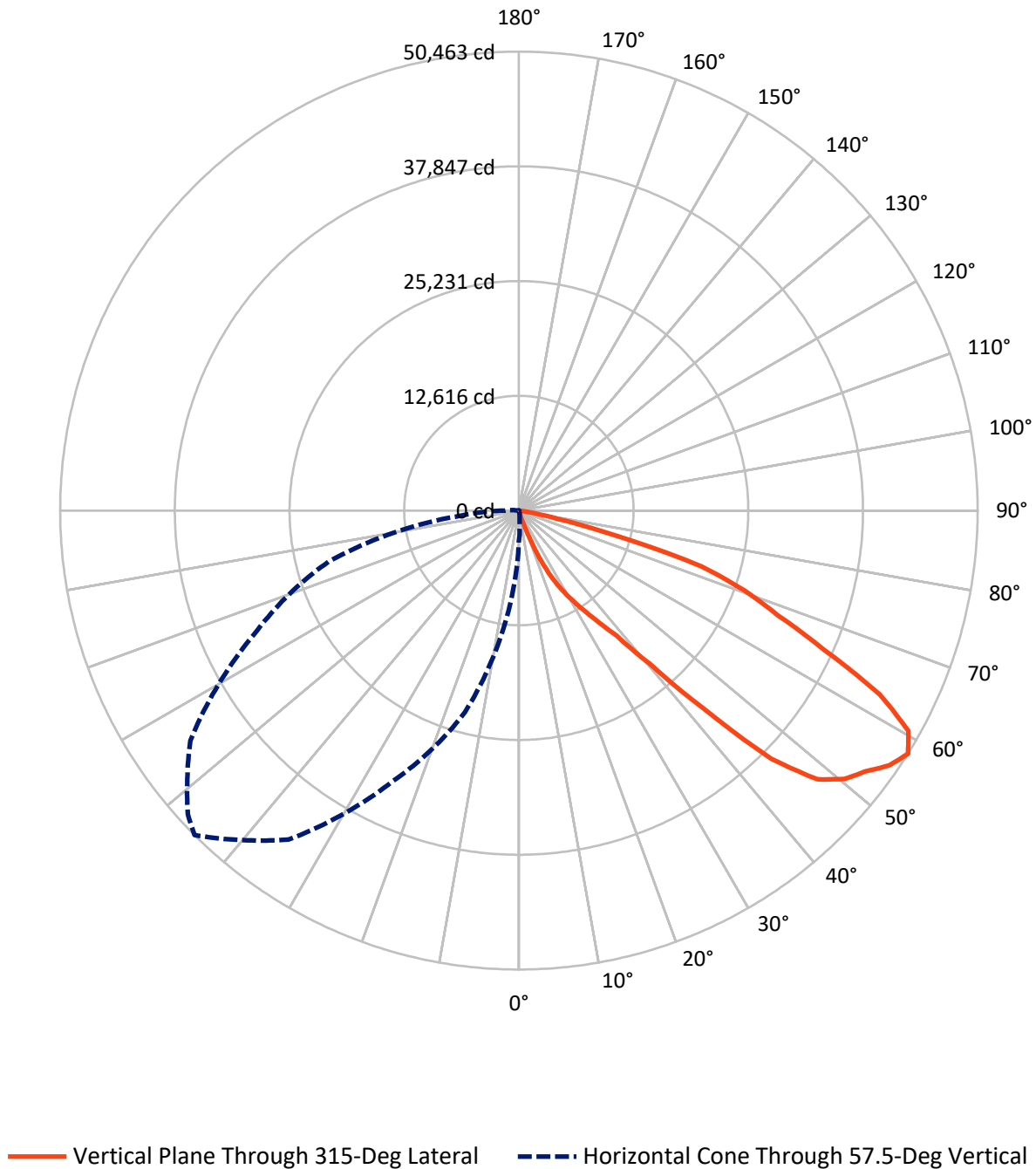


Based on 20 foot mounting height. Maximum calculated value = 2.9 fc

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	98.5	0.0	98.5
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	19580.5	0.0	19580.5
	% Fixture	99.5	0.0	99.5
Total	Lumens	19679.0	0.0	19679.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.7	0.0
10°-20°	43.2	0.2
20°-30°	466.4	2.4
30°-40°	1379.1	7.0
40°-50°	4110.2	20.9
50°-60°	6517.2	33.1
60°-70°	5440.3	27.6
70°-80°	1677.6	8.5
80°-90°	37.3	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	19679.0	100.0
0°-180°	19679.0	100.0

Coefficient of Utilization



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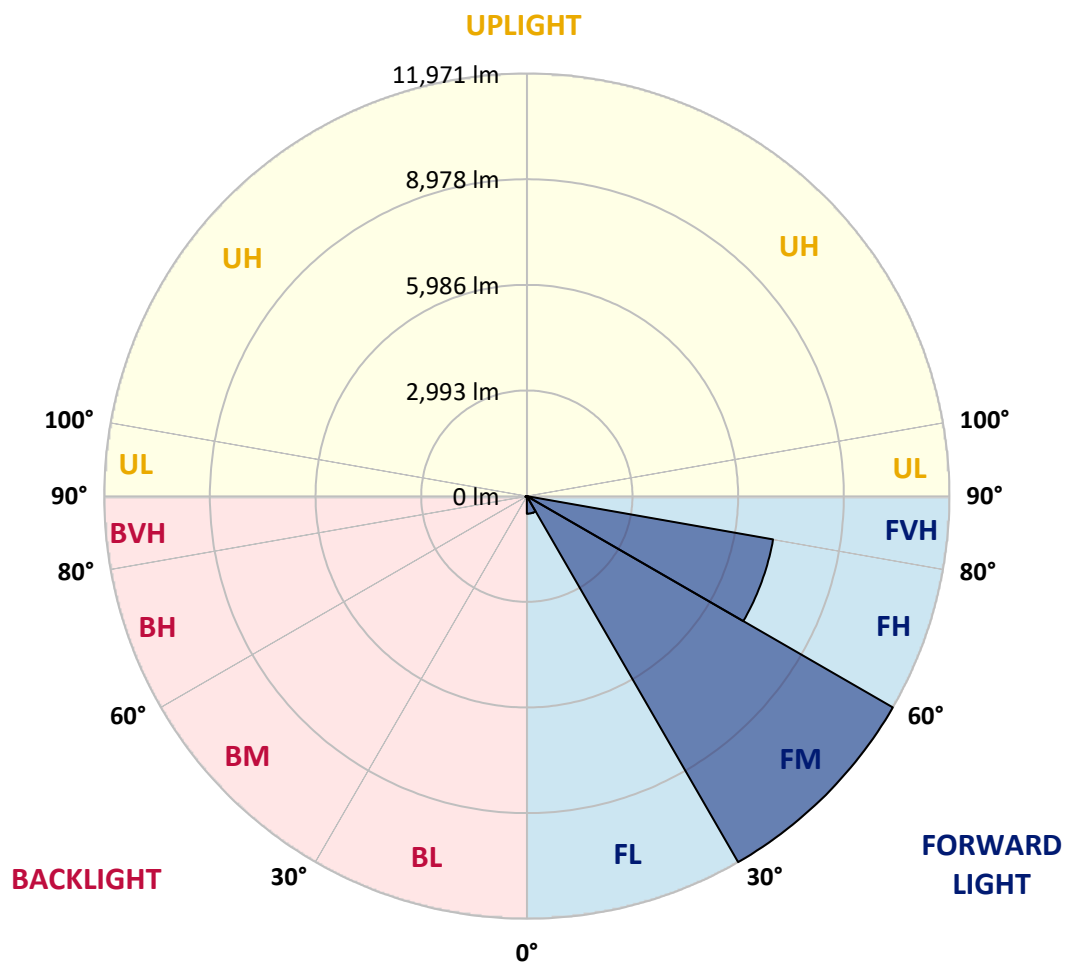
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	499.2	2.5			
FM	(30°-60°)	11971.3	60.8			
FH	(60°-80°)	7081.1	36.0			G3/7500
FVH	(80°-90°)	28.8	0.1			G1/100
BL	(0°-30°)	18.1	0.1	B0/110		
BM	(30°-60°)	35.2	0.2	B0/220		
BH	(60°-80°)	36.8	0.2	B0/110		G0/110
BVH	(80°-90°)	8.5	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°	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
2.5°	78.8	78.8	78.8	78.8	77.3	77.3	75.8	75.8	74.4	74.4
5°	83.3	83.3	81.8	80.3	80.3	78.8	77.3	75.8	75.8	74.4
7.5°	90.7	89.2	87.7	86.3	83.3	81.8	78.8	77.3	75.8	72.9
10°	99.6	96.7	93.7	90.7	87.7	84.8	81.8	80.3	77.3	75.8
12.5°	111.5	107.1	101.1	96.7	93.7	89.2	86.3	83.3	78.8	75.8
15°	121.9	116.0	108.6	102.6	98.2	92.2	87.7	83.3	80.3	75.8
17.5°	136.8	126.4	114.5	107.1	101.1	93.7	86.3	81.8	77.3	71.4
20°	162.1	141.3	119.0	110.0	101.1	92.2	83.3	77.3	72.9	66.9
22.5°	202.2	166.6	130.9	117.5	105.6	92.2	80.3	74.4	68.4	62.5
25°	279.6	215.6	151.7	133.8	116.0	98.2	80.3	72.9	66.9	59.5
27.5°	371.8	276.6	179.9	154.7	130.9	105.6	80.3	71.4	63.9	55.0
30°	465.5	339.1	211.2	178.5	145.7	113.0	80.3	69.9	61.0	50.6
32.5°	554.7	397.1	237.9	199.3	160.6	120.5	81.8	69.9	58.0	46.1
35°	645.4	444.7	242.4	202.2	162.1	120.5	80.3	66.9	55.0	41.6
37.5°	761.4	498.2	233.5	193.3	154.7	114.5	75.8	63.9	52.0	38.7
40°	936.9	587.4	237.9	196.3	154.7	113.0	71.4	59.5	49.1	37.2
42.5°	1261.1	759.9	257.3	209.7	162.1	113.0	65.4	55.0	46.1	35.7
45°	2180.1	1262.6	345.0	273.6	202.2	130.9	59.5	50.6	43.1	34.2
47.5°	3606.3	2113.2	620.1	478.9	339.1	197.8	58.0	50.6	43.1	34.2
50°	4602.7	2691.7	780.7	600.8	420.9	240.9	61.0	52.0	44.6	35.7
52.5°	4595.2	2733.3	870.0	667.7	467.0	264.7	63.9	55.0	47.6	38.7
55°	4085.1	2486.5	886.3	681.1	477.4	272.1	68.4	59.5	50.6	41.6
57.5°	3414.4	2111.7	809.0	626.1	444.7	261.7	78.8	68.4	59.5	49.1
60°	2700.6	1665.6	630.5	498.2	367.3	235.0	104.1	90.7	78.8	65.4
62.5°	1864.9	1207.5	550.2	441.7	334.6	226.0	119.0	105.6	93.7	80.3
65°	1319.1	908.6	496.7	404.5	313.8	221.6	129.4	114.5	101.1	86.3
67.5°	986.0	722.7	458.0	379.2	300.4	221.6	142.8	124.9	108.6	90.7
70°	755.5	593.4	429.8	365.8	303.4	239.4	175.5	150.2	126.4	101.1
72.5°	615.7	507.1	397.1	351.0	304.9	258.8	212.7	179.9	147.2	113.0
75°	510.1	434.2	358.4	319.7	282.6	243.9	205.2	175.5	147.2	117.5
77.5°	339.1	309.3	278.1	255.8	233.5	209.7	187.4	162.1	138.3	113.0
80°	119.0	114.5	110.0	119.0	127.9	136.8	145.7	127.9	111.5	93.7
82.5°	17.8	16.4	14.9	16.4	17.8	19.3	20.8	22.3	23.8	25.3
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°	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
0.0	2.5°	72.9	72.9	71.4	71.4	71.4	69.9	69.9	68.4	68.4	68.4
0.0	5°	71.4	71.4	69.9	68.4	66.9	66.9	65.4	63.9	63.9	62.5
0.0	7.5°	69.9	68.4	66.9	65.4	63.9	62.5	61.0	59.5	59.5	58.0
0.0	10°	71.4	68.4	66.9	63.9	62.5	61.0	58.0	56.5	55.0	55.0
0.0	12.5°	68.4	66.9	63.9	61.0	59.5	56.5	55.0	52.0	50.6	50.6
0.0	15°	68.4	65.4	61.0	58.0	55.0	53.5	50.6	47.6	46.1	44.6
0.0	17.5°	63.9	61.0	56.5	53.5	50.6	47.6	44.6	41.6	40.2	38.7
0.0	20°	58.0	55.0	50.6	46.1	43.1	40.2	37.2	34.2	32.7	31.2
0.0	22.5°	52.0	49.1	44.6	40.2	37.2	34.2	29.7	26.8	25.3	22.3
0.0	25°	49.1	44.6	40.2	35.7	31.2	28.3	23.8	19.3	16.4	13.4
0.0	27.5°	41.6	37.2	32.7	28.3	23.8	19.3	14.9	10.4	7.4	5.9
0.0	30°	35.7	31.2	26.8	22.3	16.4	11.9	7.4	1.5	1.5	1.5
0.0	32.5°	29.7	25.3	19.3	14.9	11.9	7.4	4.5	0.0	0.0	0.0
0.0	35°	23.8	19.3	13.4	8.9	7.4	4.5	3.0	0.0	0.0	0.0
0.0	37.5°	20.8	16.4	10.4	4.5	3.0	3.0	1.5	0.0	0.0	0.0
0.0	40°	19.3	13.4	7.4	1.5	1.5	1.5	0.0	0.0	0.0	0.0
0.0	42.5°	19.3	13.4	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	19.3	13.4	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	19.3	13.4	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	20.8	14.9	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	23.8	17.8	11.9	5.9	4.5	3.0	1.5	0.0	0.0	0.0
0.0	55°	29.7	26.8	22.3	19.3	14.9	10.4	4.5	0.0	0.0	0.0
0.0	57.5°	38.7	38.7	37.2	35.7	26.8	17.8	8.9	0.0	0.0	0.0
0.0	60°	52.0	52.0	52.0	52.0	38.7	26.8	13.4	0.0	0.0	0.0
0.0	62.5°	63.9	61.0	56.5	53.5	40.2	26.8	13.4	0.0	0.0	0.0
0.0	65°	63.9	58.0	50.6	43.1	32.7	22.3	10.4	0.0	0.0	0.0
0.0	67.5°	59.5	47.6	34.2	22.3	16.4	11.9	5.9	0.0	0.0	0.0
	70°	59.5	41.6	23.8	5.9	4.5	3.0	1.5	0.0	0.0	0.0
	72.5°	59.5	40.2	19.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	65.4	44.6	22.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	65.4	44.6	22.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	58.0	38.7	19.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	19.3	13.4	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
0.0	2.5°	66.9	66.9	66.9	65.4	65.4	65.4	65.4	63.9	63.9	63.9
0.0	5°	61.0	61.0	59.5	59.5	58.0	58.0	56.5	56.5	55.0	55.0
0.0	7.5°	56.5	55.0	55.0	53.5	52.0	52.0	50.6	50.6	49.1	47.6
0.0	10°	52.0	50.6	50.6	49.1	47.6	46.1	46.1	44.6	43.1	41.6
0.0	12.5°	47.6	46.1	44.6	43.1	41.6	40.2	40.2	38.7	37.2	35.7
0.0	15°	41.6	40.2	38.7	37.2	35.7	34.2	34.2	32.7	31.2	29.7
0.0	17.5°	35.7	34.2	34.2	32.7	31.2	29.7	28.3	25.3	23.8	22.3
0.0	20°	26.8	25.3	23.8	22.3	20.8	17.8	16.4	13.4	10.4	8.9
0.0	22.5°	17.8	14.9	13.4	10.4	7.4	5.9	4.5	1.5	0.0	0.0
0.0	25°	5.9	4.5	3.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA7B-930-U-RBC

[illegible]



REPORT NUMBER: P1049342

CATALOG NUMBER: GALN-SA7B-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°	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
0.0	2.5°	62.5	62.5	62.5	61.0	61.0	61.0	61.0	61.0	61.0	61.0
0.0	5°	53.5	53.5	53.5	52.0	52.0	50.6	50.6	50.6	49.1	49.1
0.0	7.5°	46.1	44.6	44.6	43.1	43.1	41.6	41.6	41.6	40.2	40.2
0.0	10°	38.7	37.2	37.2	35.7	35.7	34.2	34.2	32.7	32.7	31.2
0.0	12.5°	34.2	32.7	31.2	29.7	29.7	28.3	26.8	26.8	25.3	23.8
0.0	15°	26.8	25.3	23.8	22.3	20.8	19.3	17.8	17.8	16.4	14.9
0.0	17.5°	17.8	14.9	13.4	11.9	11.9	10.4	8.9	7.4	5.9	4.5
0.0	20°	4.5	3.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA7B-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049342

CATALOG NUMBER: GALN-SA7B-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°	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
0.0	2.5°	61.0	59.5	59.5	59.5	61.0	61.0	61.0	61.0	61.0	61.0
0.0	5°	49.1	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
0.0	7.5°	40.2	38.7	38.7	38.7	38.7	37.2	37.2	37.2	37.2	37.2
0.0	10°	31.2	29.7	29.7	29.7	29.7	28.3	28.3	28.3	28.3	28.3
0.0	12.5°	22.3	22.3	20.8	20.8	20.8	19.3	19.3	19.3	19.3	17.8
0.0	15°	13.4	11.9	10.4	10.4	10.4	8.9	8.9	8.9	8.9	7.4
0.0	17.5°	3.0	3.0	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
0.0	2.5°	62.5	62.5	63.9	63.9	65.4	68.4	69.9	71.4	74.4	77.3
0.0	5°	49.1	50.6	50.6	52.0	53.5	55.0	56.5	58.0	61.0	63.9
0.0	7.5°	38.7	38.7	40.2	40.2	41.6	44.6	46.1	47.6	50.6	55.0
0.0	10°	29.7	29.7	31.2	31.2	32.7	35.7	37.2	38.7	41.6	46.1
0.0	12.5°	19.3	20.8	20.8	22.3	23.8	26.8	28.3	29.7	32.7	35.7
0.0	15°	8.9	10.4	10.4	11.9	13.4	16.4	17.8	19.3	22.3	26.8
0.0	17.5°	1.5	1.5	3.0	3.0	4.5	5.9	7.4	8.9	13.4	16.4
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	5.9
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049342

CATALOG NUMBER: GALN-SA7B-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°	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
0.0	2.5°	81.8	84.8	87.7	90.7	93.7	96.7	98.2	101.1	102.6	104.1
0.0	5°	69.9	72.9	77.3	80.3	83.3	86.3	89.2	90.7	92.2	93.7
0.0	7.5°	61.0	63.9	68.4	71.4	74.4	77.3	80.3	83.3	84.8	86.3
0.0	10°	52.0	56.5	59.5	63.9	66.9	69.9	72.9	75.8	78.8	80.3
0.0	12.5°	41.6	46.1	50.6	53.5	58.0	62.5	65.4	68.4	71.4	74.4
0.0	15°	32.7	37.2	41.6	44.6	49.1	53.5	58.0	61.0	63.9	66.9
0.0	17.5°	23.8	28.3	32.7	35.7	40.2	44.6	47.6	52.0	55.0	58.0
0.0	20°	11.9	16.4	20.8	25.3	29.7	34.2	37.2	41.6	44.6	47.6
0.0	22.5°	1.5	5.9	10.4	13.4	17.8	22.3	25.3	29.7	32.7	35.7
0.0	25°	0.0	1.5	4.5	5.9	7.4	10.4	13.4	16.4	19.3	22.3
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.5	3.0	5.9	8.9	11.9
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
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	1.5
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	3.0
	85°	0.0	0.0	0.0	0.0	0.0	3.0	4.5	7.4	8.9	10.4
	87.5°	0.0	1.5	3.0	4.5	5.9	8.9	11.9	14.9	16.4	17.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049342

CATALOG NUMBER: GALN-SA7B-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
86.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.5	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											
1.5											
5.9											
13.4											
19.3											
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REPORT NUMBER: P1049342

CATALOG NUMBER: GALN-SA7B-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°	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
0.0	2.5°	105.6	105.6	105.6	105.6	104.1	104.1	104.1	102.6	102.6	101.1
0.0	5°	96.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	96.7	96.7
0.0	7.5°	89.2	90.7	92.2	92.2	93.7	93.7	93.7	92.2	92.2	90.7
0.0	10°	84.8	86.3	86.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7
0.0	12.5°	78.8	80.3	81.8	81.8	83.3	83.3	83.3	83.3	81.8	81.8
0.0	15°	71.4	74.4	75.8	77.3	77.3	78.8	78.8	78.8	78.8	78.8
0.0	17.5°	65.4	68.4	69.9	71.4	71.4	72.9	72.9	74.4	74.4	74.4
0.0	20°	53.5	56.5	58.0	61.0	62.5	63.9	65.4	66.9	66.9	68.4
0.0	22.5°	41.6	44.6	46.1	49.1	50.6	52.0	53.5	55.0	56.5	58.0
0.0	25°	29.7	32.7	34.2	37.2	38.7	40.2	41.6	43.1	43.1	44.6
0.0	27.5°	16.4	19.3	22.3	23.8	26.8	28.3	29.7	31.2	32.7	34.2
0.0	30°	7.4	8.9	10.4	13.4	14.9	16.4	17.8	20.8	22.3	23.8
0.0	32.5°	0.0	0.0	1.5	4.5	5.9	7.4	8.9	10.4	10.4	11.9
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.0	4.5	5.9
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°	3.0	3.0	3.0	4.5	4.5	4.5	4.5	4.5	4.5	4.5
	82.5°	7.4	8.9	10.4	10.4	11.9	11.9	11.9	11.9	10.4	10.4
	85°	14.9	16.4	17.8	17.8	19.3	19.3	19.3	19.3	19.3	19.3
	87.5°	20.8	22.3	23.8	23.8	25.3	25.3	25.3	25.3	25.3	25.3
	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: P1049342

CATALOG NUMBER: GALN-SA7B-930-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
86.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
4.5											
10.4											
19.3											
25.3											
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REPORT NUMBER: P1049342

CATALOG NUMBER: GALN-SA7B-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°	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
0.0	2.5°	99.6	99.6	98.2	98.2	98.2	98.2	98.2	99.6	101.1	101.1
0.0	5°	95.2	95.2	93.7	93.7	93.7	95.2	95.2	96.7	98.2	99.6
0.0	7.5°	90.7	89.2	89.2	90.7	90.7	92.2	92.2	93.7	95.2	96.7
0.0	10°	87.7	86.3	86.3	86.3	87.7	87.7	89.2	90.7	92.2	93.7
0.0	12.5°	81.8	81.8	81.8	81.8	83.3	83.3	84.8	86.3	89.2	90.7
0.0	15°	78.8	77.3	77.3	77.3	77.3	78.8	78.8	81.8	84.8	86.3
0.0	17.5°	72.9	72.9	71.4	71.4	72.9	72.9	74.4	77.3	80.3	81.8
0.0	20°	66.9	65.4	63.9	63.9	65.4	65.4	66.9	69.9	72.9	74.4
0.0	22.5°	58.0	56.5	56.5	56.5	56.5	58.0	58.0	61.0	65.4	68.4
0.0	25°	46.1	47.6	47.6	49.1	49.1	50.6	52.0	55.0	59.5	62.5
0.0	27.5°	35.7	37.2	37.2	40.2	41.6	43.1	44.6	49.1	53.5	56.5
0.0	30°	26.8	28.3	29.7	31.2	34.2	37.2	40.2	44.6	49.1	52.0
0.0	32.5°	16.4	19.3	20.8	23.8	26.8	29.7	32.7	37.2	43.1	47.6
0.0	35°	11.9	13.4	16.4	17.8	20.8	23.8	26.8	32.7	37.2	43.1
0.0	37.5°	5.9	8.9	11.9	14.9	17.8	20.8	23.8	29.7	35.7	40.2
0.0	40°	4.5	7.4	8.9	11.9	16.4	19.3	22.3	28.3	34.2	40.2
0.0	42.5°	3.0	4.5	5.9	10.4	13.4	17.8	22.3	28.3	34.2	40.2
0.0	45°	3.0	3.0	4.5	8.9	13.4	19.3	23.8	29.7	34.2	40.2
0.0	47.5°	3.0	4.5	5.9	11.9	14.9	19.3	23.8	28.3	34.2	38.7
0.0	50°	4.5	5.9	7.4	13.4	16.4	20.8	23.8	29.7	34.2	40.2
0.0	52.5°	3.0	4.5	5.9	11.9	16.4	22.3	26.8	32.7	38.7	43.1
0.0	55°	1.5	1.5	1.5	8.9	17.8	25.3	34.2	38.7	44.6	49.1
0.0	57.5°	0.0	0.0	0.0	5.9	17.8	28.3	38.7	44.6	50.6	55.0
0.0	60°	0.0	0.0	0.0	5.9	17.8	28.3	38.7	46.1	53.5	61.0
0.0	62.5°	0.0	0.0	0.0	5.9	14.9	23.8	32.7	44.6	58.0	69.9
0.0	65°	0.0	0.0	0.0	4.5	11.9	19.3	26.8	44.6	62.5	78.8
0.0	67.5°	0.0	0.0	0.0	4.5	11.9	17.8	25.3	44.6	62.5	81.8
	70°	0.0	0.0	0.0	4.5	11.9	19.3	26.8	44.6	62.5	80.3
	72.5°	0.0	0.0	0.0	4.5	13.4	20.8	29.7	44.6	59.5	74.4
	75°	0.0	0.0	0.0	5.9	13.4	22.3	31.2	44.6	58.0	69.9
	77.5°	0.0	0.0	0.0	4.5	13.4	20.8	29.7	43.1	56.5	68.4
	80°	4.5	3.0	3.0	7.4	13.4	19.3	25.3	38.7	53.5	66.9
	82.5°	8.9	8.9	7.4	10.4	13.4	17.8	22.3	34.2	47.6	59.5
	85°	17.8	17.8	16.4	17.8	17.8	19.3	20.8	26.8	32.7	38.7
	87.5°	23.8	23.8	22.3	22.3	22.3	20.8	20.8	20.8	20.8	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: P1049342

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
86.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.2											
89.2											
83.3											
81.8											
80.3											
71.4											
44.6											
19.3											
0.0											
0.0											
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REPORT NUMBER: P1049342

CATALOG NUMBER: GALN-SA7B-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°	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
0.0	2.5°	104.1	105.6	105.6	107.1	108.6	110.0	110.0	111.5	111.5	111.5
0.0	5°	102.6	105.6	107.1	108.6	110.0	111.5	113.0	114.5	116.0	116.0
0.0	7.5°	101.1	102.6	105.6	107.1	110.0	111.5	114.5	116.0	117.5	119.0
0.0	10°	98.2	101.1	104.1	107.1	110.0	113.0	116.0	119.0	121.9	123.4
0.0	12.5°	95.2	99.6	102.6	105.6	110.0	114.5	117.5	121.9	124.9	127.9
0.0	15°	93.7	96.7	101.1	104.1	110.0	116.0	120.5	126.4	132.4	136.8
0.0	17.5°	89.2	95.2	99.6	104.1	110.0	117.5	123.4	129.4	138.3	147.2
0.0	20°	83.3	87.7	93.7	98.2	107.1	114.5	123.4	130.9	144.3	157.6
0.0	22.5°	77.3	83.3	87.7	93.7	104.1	113.0	123.4	132.4	154.7	175.5
0.0	25°	71.4	78.8	84.8	90.7	102.6	114.5	126.4	138.3	175.5	212.7
0.0	27.5°	68.4	74.4	81.8	87.7	102.6	119.0	133.8	148.7	208.2	266.2
0.0	30°	63.9	71.4	77.3	84.8	104.1	123.4	142.8	162.1	252.8	343.5
0.0	32.5°	59.5	66.9	74.4	81.8	107.1	132.4	156.1	181.4	300.4	417.9
0.0	35°	55.0	63.9	71.4	78.8	111.5	145.7	178.5	211.2	343.5	474.4
0.0	37.5°	53.5	62.5	69.9	77.3	113.0	147.2	182.9	217.1	348.0	478.9
0.0	40°	55.0	62.5	71.4	78.8	108.6	138.3	166.6	196.3	333.1	468.4
0.0	42.5°	55.0	63.9	72.9	81.8	105.6	129.4	153.2	177.0	328.7	480.3
0.0	45°	53.5	62.5	71.4	80.3	102.6	123.4	145.7	166.6	355.4	542.8
0.0	47.5°	52.0	61.0	69.9	78.8	101.1	123.4	145.7	168.0	459.5	749.5
0.0	50°	52.0	61.0	68.4	75.8	102.6	130.9	157.6	184.4	669.2	1152.5
0.0	52.5°	55.0	62.5	68.4	74.4	105.6	138.3	169.5	200.8	850.6	1499.0
0.0	55°	59.5	63.9	69.9	74.4	113.0	150.2	188.9	226.0	905.7	1585.3
0.0	57.5°	65.4	69.9	74.4	78.8	126.4	174.0	220.1	267.7	910.1	1551.1
0.0	60°	72.9	78.8	83.3	87.7	138.3	190.4	240.9	291.5	823.9	1354.8
0.0	62.5°	89.2	96.7	102.6	110.0	159.1	206.7	255.8	303.4	684.1	1064.8
0.0	65°	102.6	108.6	114.5	120.5	168.0	217.1	264.7	312.3	580.0	847.7
0.0	67.5°	105.6	111.5	116.0	121.9	171.0	220.1	267.7	316.8	496.7	675.2
	70°	107.1	114.5	123.4	130.9	181.4	232.0	281.1	331.6	440.2	548.7
	72.5°	102.6	117.5	130.9	144.3	191.8	237.9	285.5	331.6	409.0	486.3
	75°	102.6	123.4	142.8	162.1	197.8	232.0	267.7	301.9	361.4	420.9
	77.5°	108.6	135.3	162.1	188.9	209.7	229.0	249.8	269.2	307.8	346.5
	80°	108.6	136.8	163.6	191.8	200.8	211.2	220.1	229.0	233.5	237.9
	82.5°	93.7	116.0	138.3	160.6	150.2	139.8	129.4	119.0	111.5	102.6
	85°	47.6	52.0	55.0	58.0	53.5	49.1	44.6	40.2	37.2	32.7
	87.5°	19.3	19.3	17.8	17.8	17.8	17.8	16.4	16.4	16.4	16.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049342

CATALOG NUMBER: GALN-SA7B-930-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
86.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
182.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
233.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
316.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
440.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
596.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
745.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
846.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
922.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
997.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1146.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1444.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2200.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3371.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4244.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4340.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3917.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3349.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2617.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1977.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1460.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1033.6											
768.8											
559.2											
420.9											
236.5											
107.1											
31.2											
14.9											
0.0											
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REPORT NUMBER: P1049342

CATALOG NUMBER: GALN-SA7B-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°	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
0.0	2.5°	111.5	110.0	110.0	108.6	107.1	105.6	104.1	102.6	101.1	99.6
0.0	5°	116.0	116.0	116.0	114.5	114.5	113.0	113.0	111.5	110.0	108.6
0.0	7.5°	120.5	121.9	121.9	123.4	123.4	123.4	123.4	121.9	121.9	121.9
0.0	10°	127.9	129.4	130.9	132.4	133.8	135.3	135.3	136.8	136.8	136.8
0.0	12.5°	136.8	141.3	144.3	148.7	151.7	156.1	159.1	163.6	166.6	169.5
0.0	15°	150.2	157.6	166.6	174.0	181.4	191.8	203.7	214.1	224.6	240.9
0.0	17.5°	169.5	193.3	217.1	239.4	263.2	315.3	367.3	417.9	469.9	545.8
0.0	20°	206.7	278.1	348.0	419.4	489.3	672.2	853.6	1036.5	1218.0	1412.8
0.0	22.5°	290.0	465.5	641.0	816.4	991.9	1374.1	1754.8	2137.0	2517.7	2965.3
0.0	25°	420.9	743.6	1066.3	1387.5	1710.2	2308.0	2907.3	3505.2	4103.0	4684.4
0.0	27.5°	612.7	1106.4	1600.1	2092.4	2586.1	3396.6	4208.6	5019.1	5829.5	6486.8
0.0	30°	849.1	1518.4	2187.6	2856.8	3526.0	4448.0	5370.0	6290.5	7212.6	7930.8
0.0	32.5°	1072.2	1891.6	2711.0	3529.0	4348.4	5398.3	6449.7	7499.6	8549.5	9334.7
0.0	35°	1218.0	2208.4	3200.3	4190.7	5181.1	6317.3	7453.5	8588.2	9724.3	10621.1
0.0	37.5°	1363.7	2507.3	3649.4	4793.0	5935.1	7182.8	8430.5	9678.2	10925.9	12033.8
0.0	40°	1527.3	2868.7	4208.6	5550.0	6889.9	8368.1	9844.8	11323.0	12799.7	14362.7
0.0	42.5°	1811.3	3468.0	5126.1	6782.8	8439.4	10395.0	12350.6	14304.7	16260.2	18490.9
0.0	45°	2345.2	4680.0	7016.3	9351.0	11685.8	14276.4	16868.5	19459.0	22049.6	25017.9
0.0	47.5°	3652.4	6864.6	10075.3	13287.5	16498.2	19295.5	22091.3	24888.5	27684.3	30640.7
0.0	50°	5588.6	9327.3	13065.9	16803.0	20541.7	23072.8	25602.4	28133.5	30663.1	33475.2
0.0	52.5°	6989.5	10884.3	14780.5	18675.3	22570.1	24854.3	27140.1	29424.3	31708.5	34336.3
0.0	55°	7095.1	10967.6	14841.5	18714.0	22586.5	24881.1	27175.7	29470.4	31765.0	34550.4
0.0	57.5°	6281.6	10122.9	13962.6	17803.9	21643.6	24256.5	26867.9	29480.8	32092.2	35103.6
0.0	60°	5343.2	9186.0	13027.2	16870.0	20711.2	23721.2	26732.6	29742.5	32752.5	35573.5
0.0	62.5°	4168.4	8121.2	12075.5	16028.2	19981.0	23037.1	26093.1	29147.7	32203.7	34319.9
0.0	65°	3106.6	6944.9	10783.2	14619.9	18458.2	20906.0	23353.8	25800.2	28248.0	29558.1
0.0	67.5°	2245.6	5555.9	8864.8	12175.1	15484.0	17235.8	18987.6	20738.0	22489.8	23492.1
	70°	1518.4	3811.5	6103.2	8396.3	10688.0	12127.5	13568.5	15008.1	16447.6	17800.9
	72.5°	1051.4	2339.2	3628.6	4916.4	6204.3	7652.8	9099.7	10548.2	11995.2	13427.3
	75°	697.5	1283.4	1870.8	2456.7	3042.7	4114.9	5188.6	6260.8	7333.0	8186.6
	77.5°	495.2	670.7	847.7	1023.1	1198.6	1399.4	1601.6	1802.4	2003.2	2308.0
	80°	235.0	257.3	279.6	300.4	322.7	395.6	468.4	541.3	614.2	691.5
	82.5°	111.5	120.5	129.4	136.8	145.7	153.2	160.6	168.0	175.5	168.0
	85°	29.7	29.7	31.2	31.2	31.2	31.2	31.2	31.2	31.2	29.7
	87.5°	13.4	13.4	13.4	13.4	13.4	13.4	13.4	11.9	11.9	10.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
86.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
258.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
620.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1609.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3413.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5265.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7144.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8650.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10121.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11517.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13143.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15925.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20721.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27986.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33597.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36287.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36964.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37337.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38115.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38393.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36437.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30869.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24495.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19152.7											
14859.4											
9040.2											
2612.9											
768.8											
159.1											
28.3											
10.4											
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°	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
0.0	2.5°	96.7	95.2	93.7	92.2	90.7	87.7	87.7	86.3	86.3
0.0	5°	105.6	104.1	102.6	101.1	101.1	99.6	98.2	98.2	96.7
0.0	7.5°	120.5	119.0	117.5	116.0	116.0	114.5	114.5	113.0	113.0
0.0	10°	138.3	138.3	138.3	138.3	138.3	136.8	136.8	136.8	135.3
0.0	12.5°	174.0	175.5	178.5	181.4	185.9	185.9	185.9	184.4	184.4
0.0	15°	275.1	291.5	303.4	315.3	325.7	349.5	346.5	342.0	339.1
0.0	17.5°	696.0	770.3	810.5	849.1	889.3	999.3	981.5	963.7	947.3
0.0	20°	1803.9	1998.7	2128.1	2257.5	2388.3	2595.0	2544.5	2493.9	2443.3
0.0	22.5°	3859.1	4306.7	4501.5	4696.3	4889.7	5139.5	4977.4	4815.3	4654.7
0.0	25°	5845.9	6427.4	6756.0	7084.7	7411.8	7554.6	7343.4	7130.8	6919.6
0.0	27.5°	7801.5	8458.8	8748.8	9037.3	9327.3	9626.2	9364.4	9101.2	8839.5
0.0	30°	9368.9	10087.2	10401.0	10713.3	11027.0	11235.2	10964.6	10692.4	10421.8
0.0	32.5°	10906.6	11691.8	12035.3	12378.8	12720.9	13019.8	12686.7	12352.1	12019.0
0.0	35°	12413.0	13309.8	13782.7	14255.6	14728.5	15006.6	14611.0	14214.0	13818.4
0.0	37.5°	14251.1	15359.0	15888.5	16417.9	16947.3	17454.4	17018.7	16581.5	16145.7
0.0	40°	17488.6	19051.6	19863.5	20677.0	21489.0	22143.3	21593.1	21042.8	20492.6
0.0	42.5°	22952.3	25183.0	26350.4	27516.3	28683.7	29705.3	29126.9	28548.4	27969.9
0.0	45°	30954.5	33922.8	35346.0	36767.7	38190.9	38937.4	38104.6	37270.4	36437.6
0.0	47.5°	36552.1	39508.5	40775.5	42042.5	43309.6	44161.7	43143.0	42124.3	41107.1
0.0	50°	39098.0	41910.2	43181.7	44451.7	45723.2	46399.8	45223.5	44045.7	42869.4
0.0	52.5°	39590.3	42218.0	43734.9	45253.3	46770.1	47674.3	46285.3	44894.9	43505.9
0.0	55°	40122.7	42908.1	44667.3	46428.1	48187.4	49439.5	47869.1	46297.2	44726.8
0.0	57.5°	41125.0	44136.4	45891.2	47644.6	49399.4	50462.7	48887.8	47311.4	45736.6
0.0	60°	41214.2	44033.8	45541.8	47051.2	48559.1	49228.3	47721.9	46213.9	44707.5
0.0	62.5°	38553.7	40669.9	41716.9	42763.8	43810.7	44537.9	42966.1	41392.7	39820.8
0.0	65°	32179.9	33490.1	34324.4	35158.6	35992.9	36859.9	35420.4	33980.8	32541.3
0.0	67.5°	25498.3	26500.6	27599.6	28698.6	29797.5	30724.0	29571.5	28417.5	27265.0
	70°	20506.0	21857.8	23093.6	24329.4	25565.2	26323.6	25166.6	24008.2	22851.2
	72.5°	16291.5	17723.6	18755.6	19786.2	20818.3	21004.2	20153.5	19302.9	18453.7
	75°	9892.4	10746.0	10766.8	10786.1	10806.9	10983.9	10279.0	9574.1	8870.7
	77.5°	2917.7	3222.6	3473.9	3723.8	3975.1	4278.5	4019.7	3759.5	3500.7
	80°	844.7	922.0	987.5	1051.4	1116.8	1078.2	1017.2	956.2	895.2
	82.5°	151.7	142.8	141.3	139.8	139.8	132.4	120.5	108.6	96.7
	85°	26.8	25.3	23.8	22.3	20.8	19.3	16.4	14.9	11.9
	87.5°	8.9	7.4	5.9	4.5	4.5	1.5	1.5	1.5	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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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°	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
0.0	0.0	2.5°	84.8	83.3	83.3	83.3	83.3	81.8	81.8	81.8	81.8
0.0	0.0	5°	93.7	93.7	92.2	92.2	90.7	90.7	89.2	89.2	87.7
0.0	0.0	7.5°	110.0	108.6	107.1	105.6	104.1	101.1	99.6	98.2	98.2
0.0	0.0	10°	132.4	129.4	127.9	124.9	123.4	120.5	117.5	114.5	111.5
0.0	0.0	12.5°	174.0	168.0	163.6	157.6	151.7	147.2	141.3	136.8	130.9
0.0	0.0	15°	301.9	287.0	270.7	251.3	230.5	211.2	190.4	178.5	165.1
0.0	0.0	17.5°	771.8	694.5	615.7	551.7	487.8	425.3	361.4	315.3	269.2
0.0	0.0	20°	1964.5	1750.3	1536.2	1325.0	1112.4	901.2	688.5	581.5	474.4
0.0	0.0	22.5°	3697.0	3299.9	2901.4	2516.2	2129.6	1744.4	1359.2	1116.8	875.9
0.0	0.0	25°	5706.1	5206.4	4706.8	4073.2	3438.2	2804.7	2171.2	1777.1	1383.0
0.0	0.0	27.5°	7425.2	6849.7	6274.2	5503.9	4733.5	3963.2	3192.9	2605.4	2019.5
0.0	0.0	30°	8913.8	8295.2	7676.5	6779.8	5883.1	4986.3	4089.6	3355.0	2620.3
0.0	0.0	32.5°	10204.7	9464.1	8723.5	7798.5	6873.5	5948.5	5023.5	4122.3	3221.1
0.0	0.0	35°	11693.3	10829.3	9963.7	8937.6	7910.0	6883.9	5857.8	4840.6	3821.9
0.0	0.0	37.5°	13584.9	12524.6	11462.8	10319.2	9175.6	8033.5	6889.9	5726.9	4564.0
0.0	0.0	40°	17206.1	15837.9	14469.7	13016.8	11562.4	10109.5	8656.6	7228.9	5801.3
0.0	0.0	42.5°	23694.4	21845.9	19997.4	18064.1	16129.4	14196.1	12261.4	10247.8	8232.7
0.0	0.0	45°	31017.0	28723.8	26429.2	24259.5	22088.3	19918.6	17748.9	14985.8	12222.7
0.0	0.0	47.5°	35134.8	32658.8	30182.7	28129.0	26075.3	24021.6	21967.8	18989.1	16010.4
0.0	0.0	50°	36650.2	34129.5	31608.9	29718.7	27827.1	25937.0	24045.3	21062.2	18077.5
0.0	0.0	52.5°	36972.9	34401.7	31830.5	29928.4	28026.4	26125.8	24223.8	21260.0	18296.1
0.0	0.0	55°	37636.2	34877.6	32117.5	29949.2	27781.0	25612.8	23444.5	20433.1	17421.7
0.0	0.0	57.5°	38503.2	35674.7	32846.2	30376.0	27905.9	25437.3	22967.2	19674.7	16382.2
0.0	0.0	60°	38275.7	35814.5	33351.8	30706.2	28059.1	25413.5	22766.4	19145.3	15522.6
0.0	0.0	62.5°	34325.8	32365.8	30404.3	28228.6	26051.5	23875.8	21700.1	17971.9	14243.7
0.0	0.0	65°	28239.0	26808.4	25377.8	23627.5	21875.6	20125.3	18374.9	15031.9	11690.3
0.0	0.0	67.5°	22886.9	21274.8	19661.3	18266.4	16870.0	15475.0	14078.6	11447.9	8817.2
		70°	18183.1	16429.8	14675.0	13312.8	11949.1	10586.9	9224.6	7475.8	5728.4
		72.5°	14440.0	12859.2	11278.4	9825.4	8371.0	6918.1	5463.7	4430.1	3396.6
		75°	6901.8	6269.7	5637.7	4877.8	4117.9	3357.9	2598.0	2147.4	1698.3
		77.5°	2557.9	2217.3	1875.3	1565.9	1256.6	948.8	639.5	585.9	532.4
		80°	661.8	577.0	490.8	429.8	367.3	306.3	245.4	221.6	199.3
		82.5°	75.8	69.9	65.4	62.5	58.0	55.0	50.6	46.1	41.6
		85°	4.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049342

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CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	86.3	86.3
0.0	0.0	2.5°	80.3	78.8
0.0	0.0	5°	84.8	83.3
0.0	0.0	7.5°	93.7	90.7
0.0	0.0	10°	102.6	99.6
0.0	0.0	12.5°	116.0	111.5
0.0	0.0	15°	130.9	121.9
0.0	0.0	17.5°	156.1	136.8
0.0	0.0	20°	211.2	162.1
0.0	0.0	22.5°	297.4	202.2
0.0	0.0	25°	437.2	279.6
0.0	0.0	27.5°	608.2	371.8
0.0	0.0	30°	809.0	465.5
0.0	0.0	32.5°	986.0	554.7
0.0	0.0	35°	1216.5	645.4
0.0	0.0	37.5°	1500.5	761.4
0.0	0.0	40°	1940.7	936.9
0.0	0.0	42.5°	2733.3	1261.1
0.0	0.0	45°	4439.1	2180.1
0.0	0.0	47.5°	6830.4	3606.3
0.0	0.0	50°	8356.2	4602.7
0.0	0.0	52.5°	8481.1	4595.2
0.0	0.0	55°	7742.0	4085.1
0.0	0.0	57.5°	6605.8	3414.4
0.0	0.0	60°	5490.5	2700.6
0.0	0.0	62.5°	4326.1	1864.9
0.0	0.0	65°	3161.6	1319.1
0.0	0.0	67.5°	2270.8	986.0
		70°	1493.1	755.5
		72.5°	972.6	615.7
		75°	654.3	510.1
		77.5°	382.2	339.1
		80°	135.3	119.0
		82.5°	25.3	17.8
		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: P1049342

CATALOG NUMBER: GALN-SA7B-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

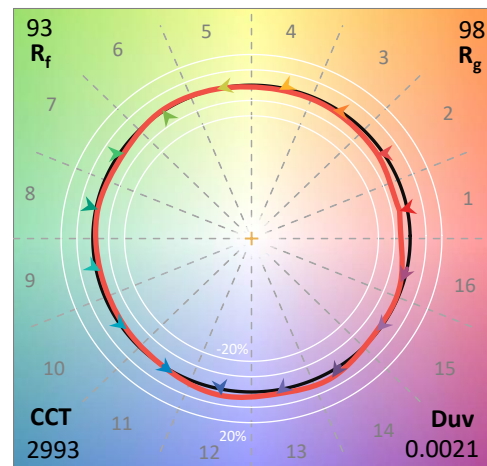
Test Information

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

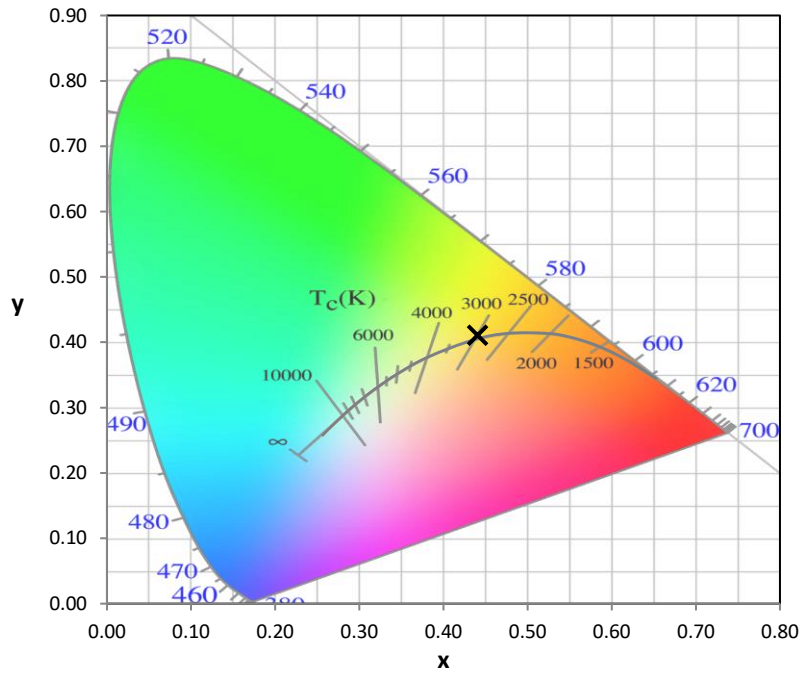
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-14

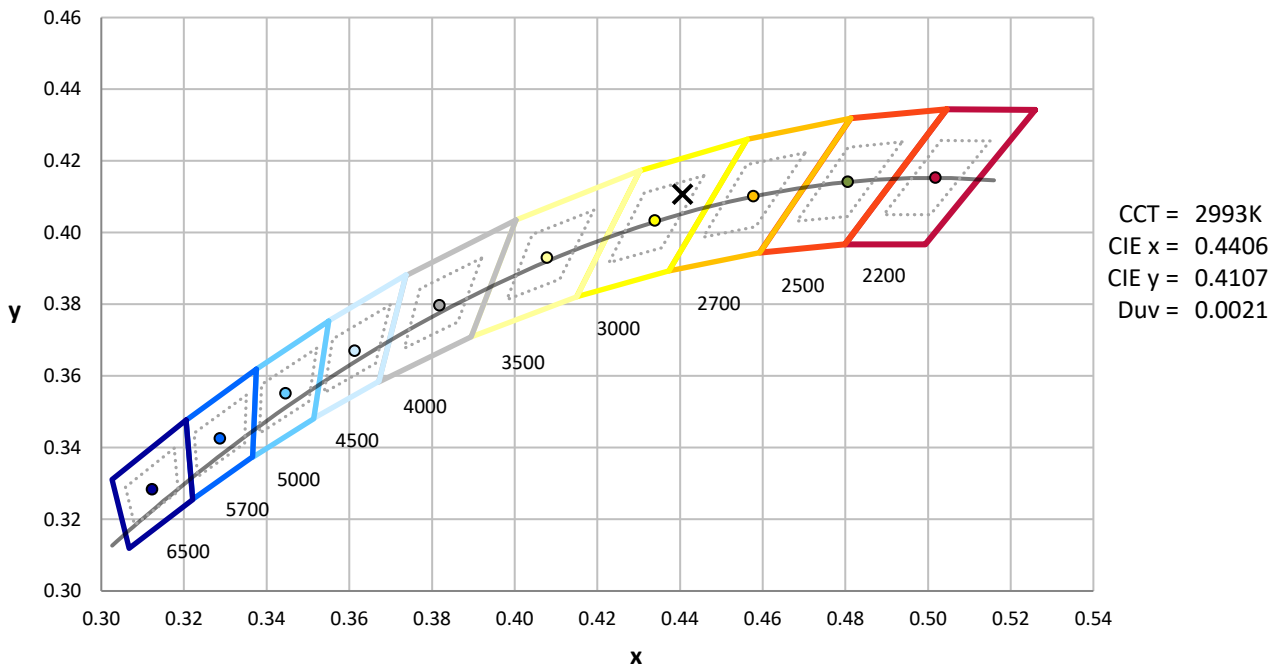
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



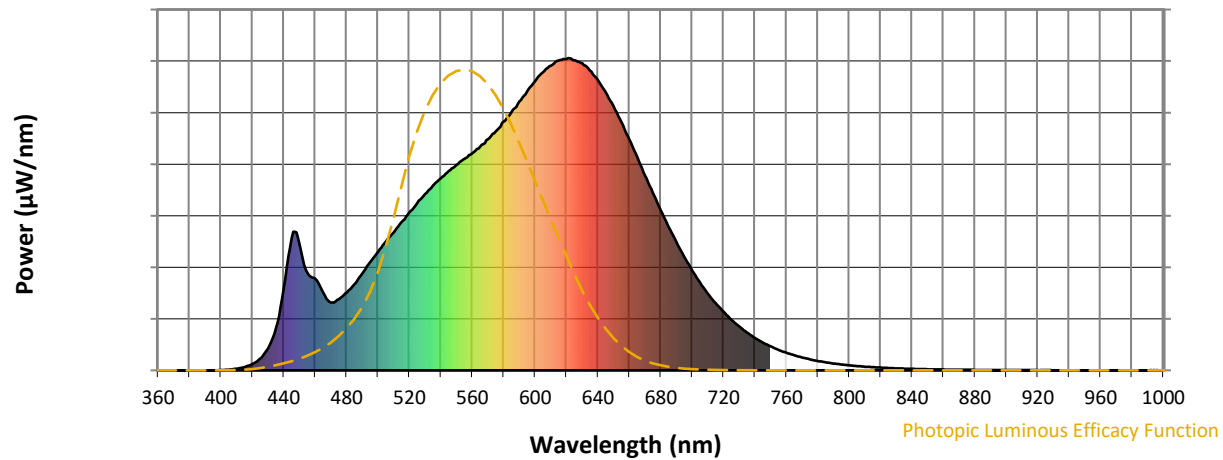
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

Photopic Flux vs. Wavelength

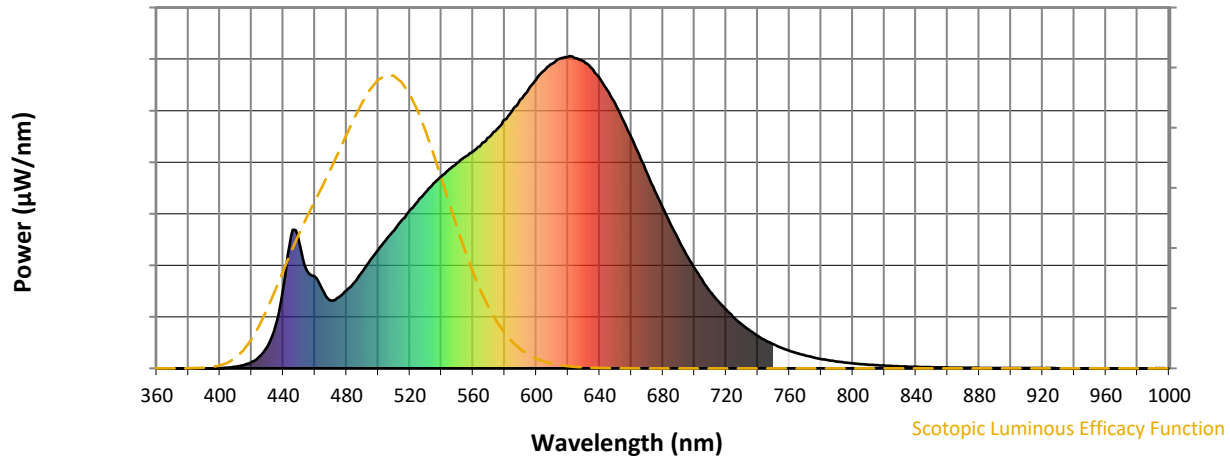


Photopic Lumens: NR

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



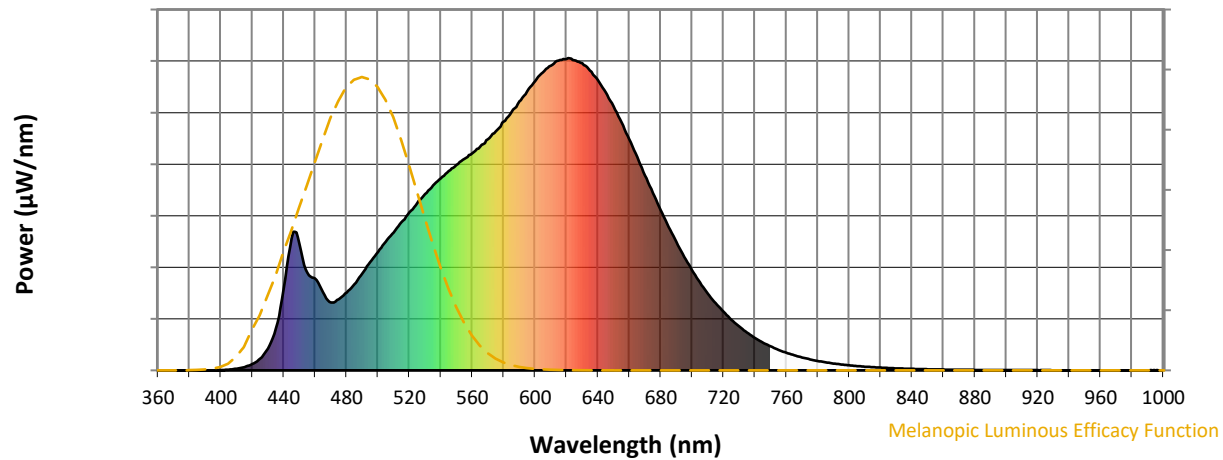
Scotopic Lumens: NR

S/P: 1.39

λ (nm)	Power 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	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

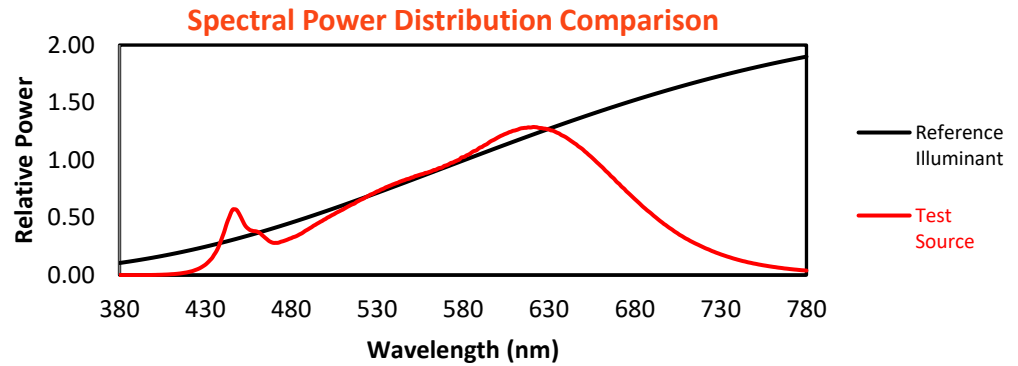
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310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

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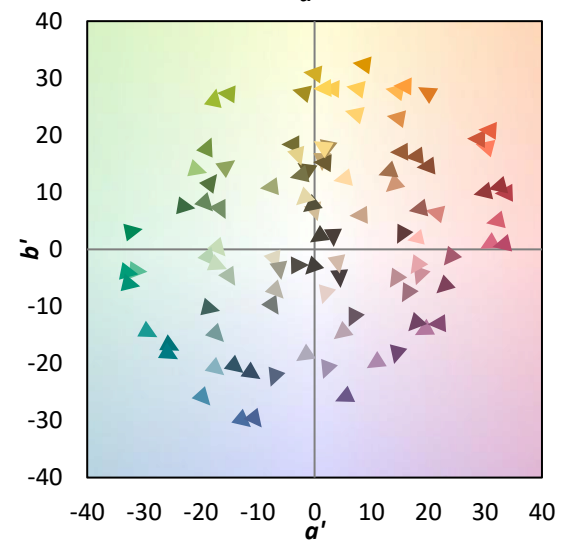
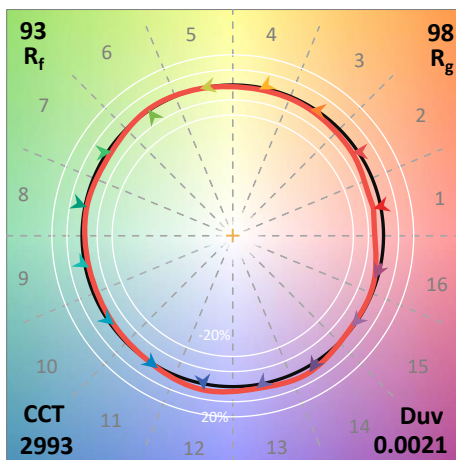
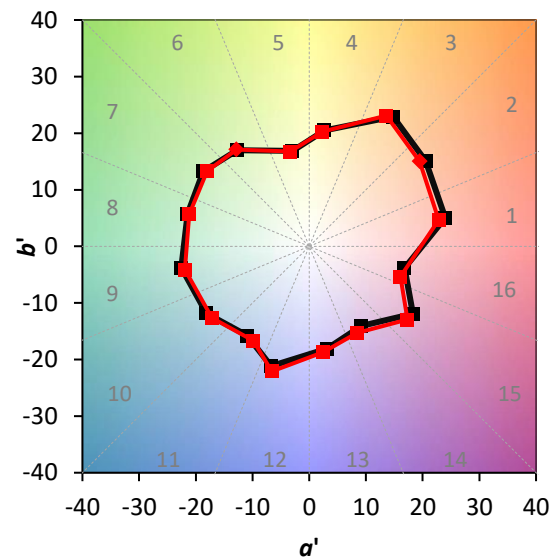
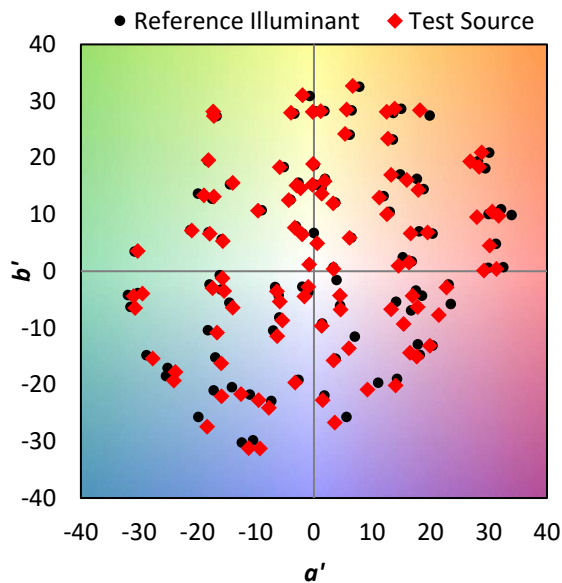
TM-30-18

Summary

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

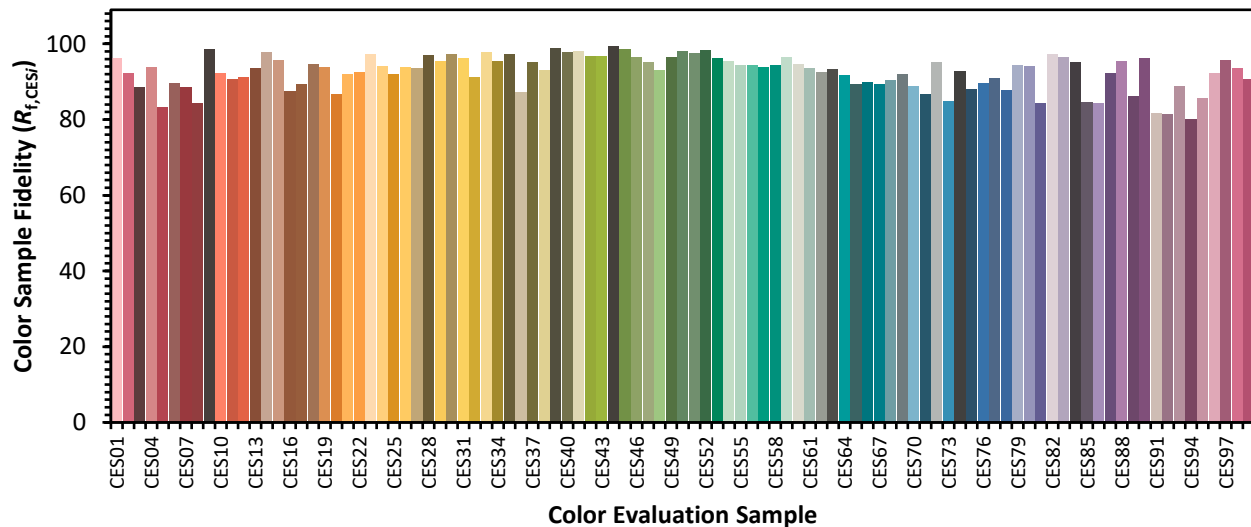


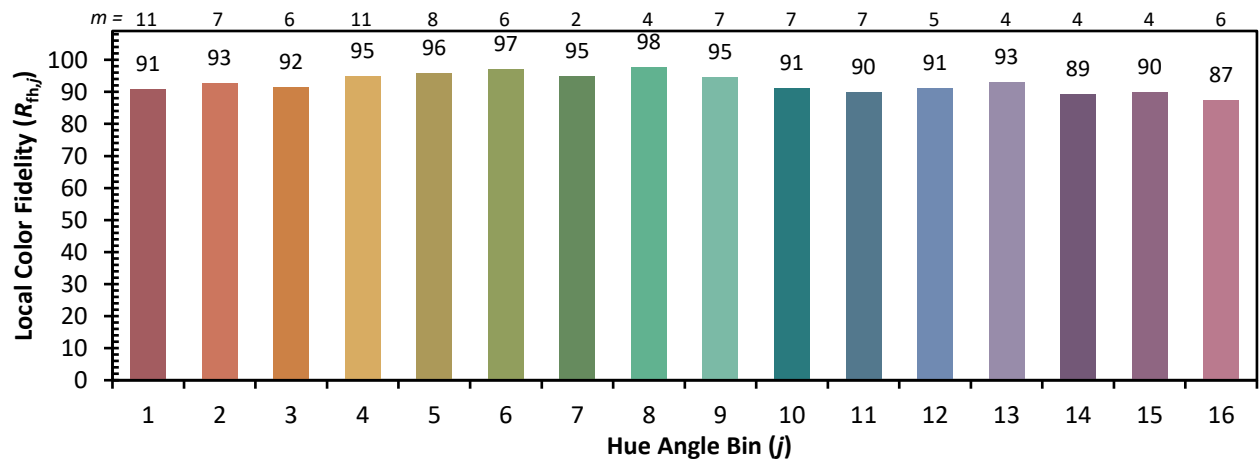
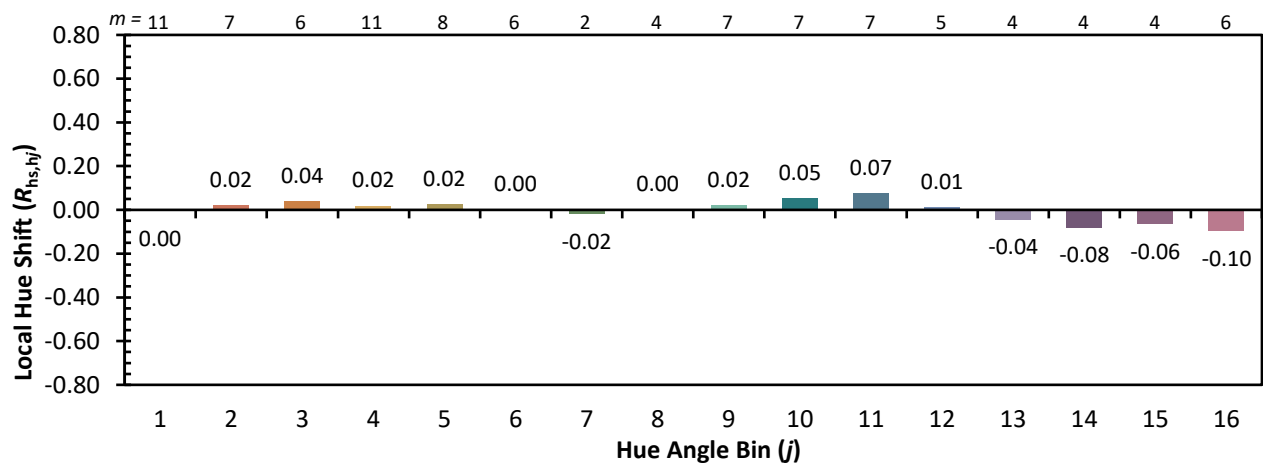
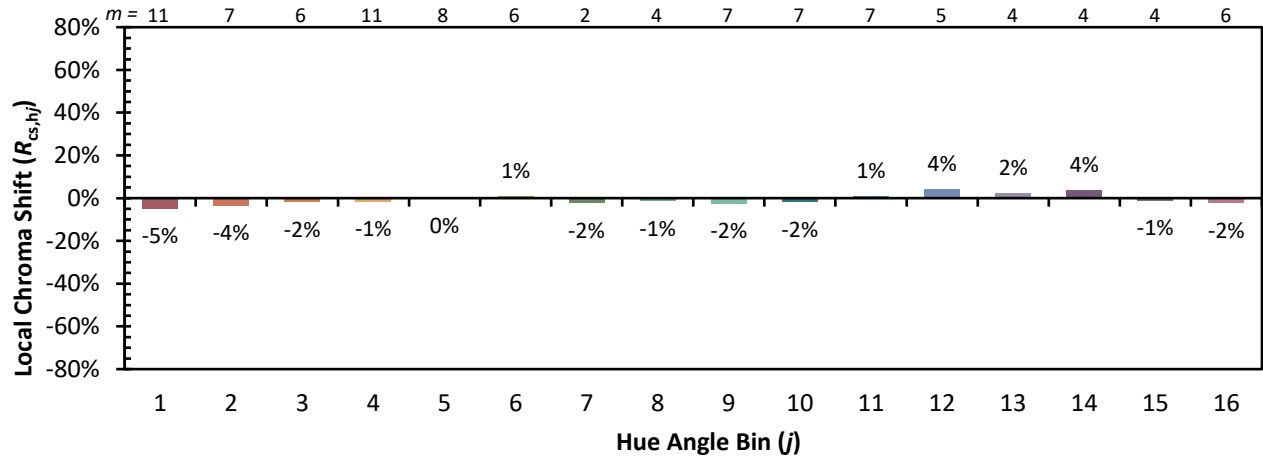
Color Vector Graphics



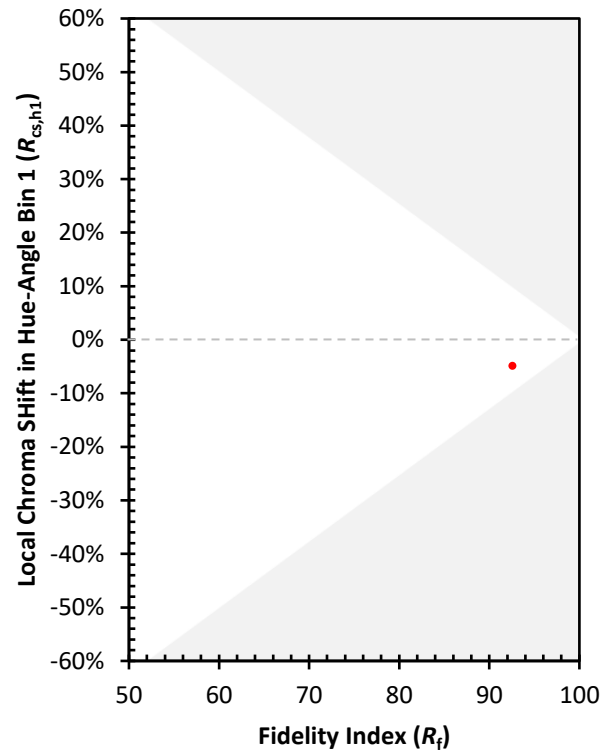
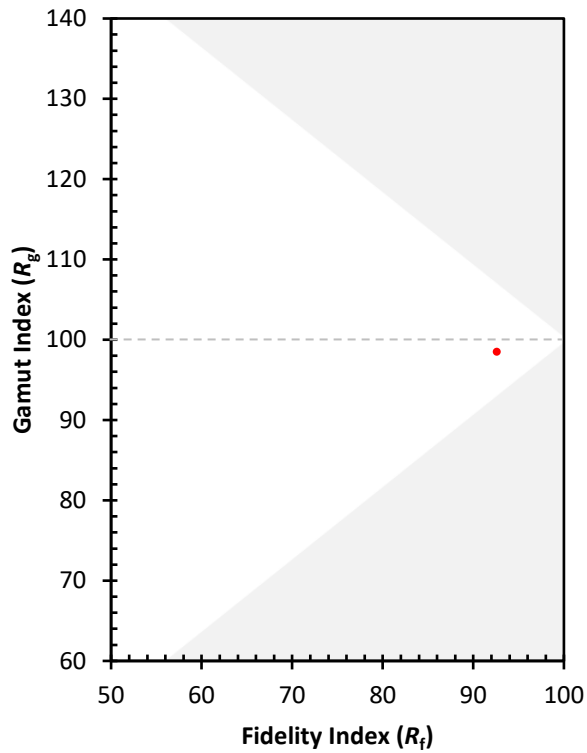
Individual Sample Fidelity Index ($R_{f,i}$)

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)